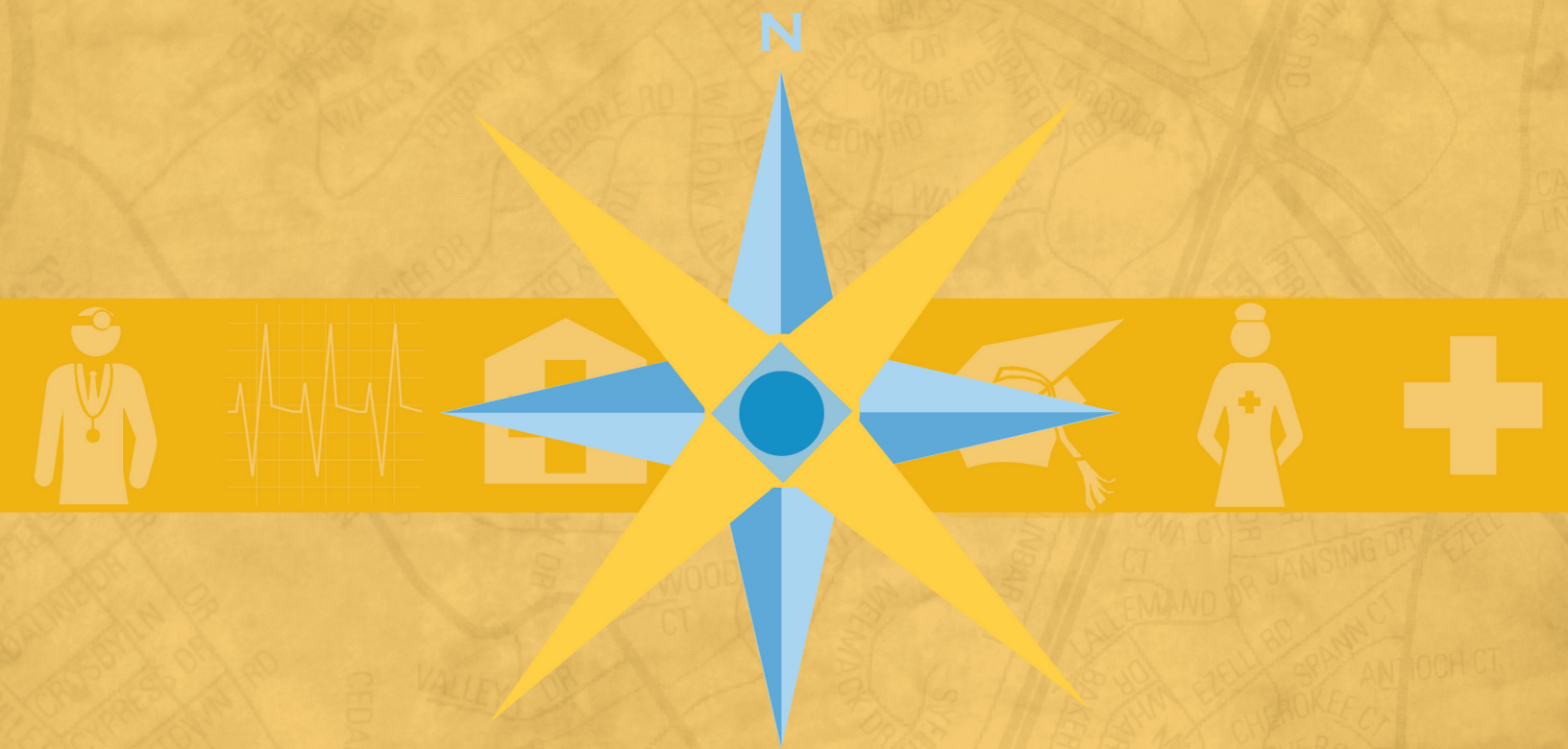


HEALTH CARE CAREER MAP



YOUR ATLAS TO FINDING A JOB IN HEALTH CARE



HEALTH CARE CAREER MAP



YOUR ATLAS TO FINDING A JOB IN HEALTH CARE

WWW.HEALTHCARECAREERMAP.ORG

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INTRODUCTION

INTRODUCTION

WHY THE CAREER MAPPING PROJECT

As Tennessee experiences the realities of an aging population and workforce, the need to ensure the viability of our health care system is paramount. Across the country, efforts have been undertaken to identify occupations within the workforce that, if not infused with additional trained workers, will result in a shortage of health related services. In Tennessee, the Middle Tennessee Workforce Investment Board and the Nashville Career Advancement Center, in partnership with the Tennessee Hospital Association and Middle Tennessee State University, have supported the research and development of this Career Mapping Handbook. This Handbook is designed to help individuals seeking to transition within, or entering for the first time, the health care profession. From the mature worker who is transitioning from other industry segments or wants to improve their skills within the health care industry, to a youth determining their first career, this handbook will provide information and guidance that will assist individuals navigate career options that best fit their respective desires, skills, and abilities.

As the Tennessee economy continues to shift from its manufacturing roots, the need to prepare workers to succeed in high demand areas, such as health care, is essential to the State's economic success and the prosperity of its workers. Knowing the types of jobs that are available, the training necessary, and the employers who have the demonstrated need for workers, are all essential elements in preparing a workforce that will continue to succeed in a changing economy. Through the research and analysis of many of the health care occupations, Dr. Jo Edwards and her colleagues at Middle Tennessee State University have compiled this handbook as a tool for job seekers, students, counselors, and practitioners to utilize as a resource map to a health care career.

As the first Career Mapping Handbook of its kind, the usefulness of its contents has broad reaching significance to middle Tennessee's workforce. Particularly valuable is its systemic approach to combining occupational overviews, labor market data, and the available training providers and programs that are all necessary to making informed decisions and choices when determining career options. Those responsible for its development are to be commended for their vision and leadership as we prepare workers to succeed in the 21st century's economy.

Christine Bradley, Ed.D.
Executive Director
Nashville Career Advancement Center

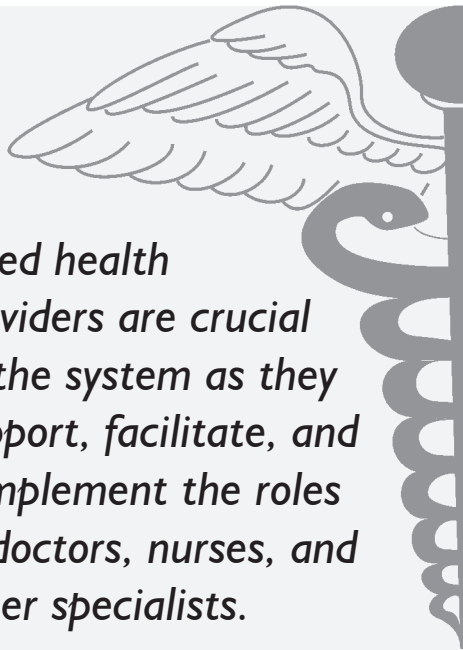
DISCLAIMER

This handbook contains information that has been compiled from public sources. To the best of our knowledge, all information is believed to be accurate as of the date of original publication. Any changes or modifications to the data after the publication date will not be reflected. Please visit the companion website at www.healthcarecareemap.org for updates to the information contained in this handbook or to request changes.

NURSING AND ALLIED HEALTH DEFINED

Nursing is the largest occupational category within the field of health care delivery. Most nursing jobs involve direct hands-on care-giving of patients and their families. Nurses and nursing assistants work in a variety of settings including, hospitals, nursing homes, clinics, home health agencies, and public health departments. Nursing jobs range from positions that require minimal training, such as Certified Nursing Assistants, to highly specialized positions that require master's or doctoral level education, such as Nurse Practitioners.

Allied health is a vast field comprising hundreds of professions including physical therapy, occupational therapy, athletic training, and other careers outlined in this publication. Allied health providers are crucial to the system as they support, facilitate, and complement the roles of doctors, nurses, and other specialists.



Allied health providers are crucial to the system as they support, facilitate, and complement the roles of doctors, nurses, and other specialists.

SCOPE OF THE PROJECT

The study covered nursing occupations and selected occupations in the allied health field. The nursing occupations covered in this project include Certified Nurse Assistant, Licensed Practical Nurse, Registered Nurse, Nurse Practitioner, Nurse Midwife, and Nurse Anesthetist.

Those in the allied health field were grouped into three occupational clusters as identified by the National Skills Standards Project (Far West Laboratory, 1995). “Therapeutic” professionals provide treatment and work on maintaining and/or changing patient health status over the long-term; “Diagnostic” professionals create a picture of client health at a single point in time; and “Information Services” professionals document client care. Each allied health profession included in this study is grouped under one of the clusters, in accordance to the profession’s primary function.

THERAPEUTIC

Rehabilitation field includes physical therapy, occupational therapy, physical therapy assisting, occupational therapy assisting, athletic training, recreational therapy, speech-language pathology and audiology, respiratory therapy, and nutrition/dietetics.

Medical Assisting field includes medical assisting and surgical technology.

Emergency Medical field includes emergency medical technology basic, intermediate, and paramedic.

DIAGNOSTIC

Medical Imaging field includes diagnostic radiologic technology, radiation therapy, nuclear medicine technology, and diagnostic medical sonography.

Clinical Laboratory Services field includes clinical medical technology, clinical medical technician, and phlebotomy.

Dental Services field includes dental hygiene, dental assisting, and dental laboratory technology.

HEALTH INFORMATION SERVICES

Health Information Services field includes Health Information Administrators, Health Information Managers (formerly medical records administrators and managers), and medical transcriptionists.

Projected growth was predicted in some occupational areas, although the factors, such as repayment systems and level of access that are used to predict future growth, are rapidly changing.

The supply and demand information presented in this report will be useful as a student counseling guide as well as a guide for higher education. Labor market factors such as supply and demand are only one part of the academic program planning and decision making process.

The counties covered in this study in terms of identified schools and training institutions for nursing and allied health occupations as well as employers who might employ those in nursing or allied health occupations, include the counties of **Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, Wilson, and Trousdale.**

SPECIFICS RELATED TO DEVELOPMENT OF THIS PROJECT

The development of this publication included research on both training and education for nursing and allied health careers in the nine-county service area, as well as for labor trends and employment opportunities for these careers. Contact information for each training and education and labor/employer resource has been included, along with other pertinent information to the prospective student and/or job-seeker.

Allied Health in Tennessee: A Supply and Demand Study, 2004 gives a good description of supply and demand data types that can be related to that included in this handbook. Most supply and demand information in this handbook has been taken directly from the *Allied Health in Tennessee: A Supply and Demand Study, 2004* document. The allied health document can be viewed in its entirety at <http://www.healthworkforce.org/data/tenn-data.htm>.

There are literally hundreds of allied health occupations. Public health, health services administration, opticians, community health education, music therapy, cardiopulmonary technology, orthotic/prosthetic, pharmacy assistant, substance abuse, and environmental health are all areas that may be considered allied health, but they are not included in this study. Pre-professional categories such as pre-medical have been excluded because students often transfer to other institutions for professional programs.

ON-THE-JOB TRAINING

There are many programs to develop entry-level skills such as CNA, EKG, EEG, pharmacy technicians, and others. The inventory of training and education programs listed in this handbook is strictly the more formal education and training programs. These entry-level on-the-job training programs provide an excellent platform from which to view the many allied health and nursing professions while gaining entry-level skills applicable to all of the professions. On-the-job training programs are often offered at no cost through the hospital or long-term care facilities and last from a few weeks to a few months. If you are considering going into the health care workforce but are uncertain about the opportunities and options available, you may wish to explore the many in-house training programs offered by the hospitals, long-term care facilities, or other organizations later listed in the “Employers” section of this handbook.



IS A CAREER IN HEALTH CARE RIGHT FOR YOU?

- **DO YOU ENJOY WORKING WITH PEOPLE?**
- **DO YOU WANT THE SATISFACTION OF HELPING OTHERS?**
- **ARE YOU LOOKING FOR JOB SECURITY?**
- **ARE YOU INTERESTED IN AN ABOVE-AVERAGE STARTING SALARY?**
- **DO YOU WANT CAREER SKILLS THAT CAN ‘TRAVEL’ WITH YOU ANYWHERE?**
- **IS THE CHALLENGE OF KEEPING UP WITH EVER-CHANGING TECHNOLOGY APPEALING TO YOU?**
- **DO YOU WANT THE FLEXIBILITY OF BEING ABLE TO CHOOSE THE LEVEL OF EDUCATION THAT FITS YOUR NEEDS FOR CAREER TRAINING FROM A SHORT CERTIFICATE OR ON-THE-JOB TRAINING PROGRAM TO 2-YEAR, 4-YEAR OR LONGER DEGREE?**
- **DO YOU WANT A FLEXIBLE SCHEDULE INCLUDING OPTIONS FOR PART TIME, FULL TIME, MORNING, EVENING AND NIGHT SHIFTS, WEEKEND AND VARYING WORK SCHEDULES?**

If you answered yes to any of the questions above, then a career in health care might be just what you are looking for. The opportunities in health care are unlimited, and with the growth experienced in the health care industry, job opportunities are better than ever. This handbook can help you sort through many of the options available to you in the field of health care.

WHAT ABOUT A CAREER IN PUBLIC HEALTH?



If you do decide to pursue a job in health care, be aware of the opportunities available for allied health and nursing staff in public health. **The Tennessee Department of Health** is a branch of state government with a commissioner appointed by the Governor. There are thirteen regions under the state health department serving the 95 counties. Seven of the regions are composed of rural counties, and six are composed of metropolitan counties under the jurisdiction of metropolitan city councils/government. The counties in the seven rural regions are a part of the state's administrative system, whereas the six metropolitan counties are a part of the county administrative systems. Each county has a local health department with at least one clinic site. The central office of the Department functions as the support, policy-making, and assurance office for the public health system. The mission of the Department of Health is to:

- Promote, protect and restore the health of all Tennesseans;
- Prevent problems that contribute to disease, injury and disability;
- Promote healthy lifestyles through health education;
- Ensure quality health care through licensure and regulation of health professionals and health care facilities;
- Assure availability of services despite economic and geographic barriers.

The State of Tennessee employs individuals in public health, in each of the professions listed in this handbook. With approximately 38,000 employees, state government is the largest single employer in Tennessee. Read more below about pursuing a career in public health with the State of Tennessee.

HOW DO I APPLY FOR A JOB WITH THE STATE OF TENNESSEE?

The first step in the Career Service employment process is to complete a State of Tennessee Employment application form and submit it to the Department of Personnel for processing. Get an application at www.state.tn.us or call (615) 741-4841 to have one mailed to you. Application forms may also be obtained by visiting or writing to: Department of Personnel, Applicant Services Division, First Floor, James K. Polk Building, 505 Deaderick Street, Nashville, TN 37243.

HOW DO I DETERMINE WHAT JOBS TO APPLY FOR?

Information is available at the State of Tennessee website to help you to identify job titles of interest to you. Click on "Job Information" from the menu on the left to search for Career Service jobs by the criteria you specify (e.g., occupational group, salary requirements, county location, job title, job classification code).

WHAT HAPPENS AFTER I SUBMIT MY APPLICATION?

Your application will be evaluated to determine whether you meet the minimum qualifications (e.g., education, experience) required for the job(s) applied for. You will be notified by mail within approximately two to three weeks if you are required to take any examinations. For most jobs, an examination is not required. A score is calculated for you based on the education and experience information you provided on the application form. You will receive notification of evaluation results based on education and experience within approximately four to six weeks. Once you have obtained a passing score for a job classification (from either a rating of your education and experience or by passing any necessary examinations), your name is placed on a list of eligible applicants for that job classification. This list is available for use by state agencies as vacancies occur. Agencies must hire from among the top five eligible applicants who are willing to accept a particular vacant position.

You may call (615) 741-4841 if you need more information.

Listings for local county health departments are listed in this handbook in Section 6 – "Employers" – under "Government." Specific inquiries may be made to local health departments or by calling the phone number listed above.



NURSING CAREERS

BASIC JOB DUTIES BY CAREER

Normal and customary responsibilities of an incumbent professional in each field

NURSING

- Certified Nurse Assistant, 10
- Licensed Practical Nurse, 10
- Registered Nurse, 11
- Clinical Nurse Specialist, 11
- Nurse Practitioner, 12
- Nurse Midwife, 12
- Nurse Anesthetist, 13



References: <http://www.bls.gov/search/ooh.asp?qu=trainers&ct=OOH>, and Allied Health in Tennessee: A Supply and Demand Study 2004.



CERTIFIED NURSING ASSISTANT

DESCRIPTION OF WORK

Certified nursing assistants (CNAs) aid health professionals. They help provide patients with basic care and services, such as assisting frail or disabled people with bathing, getting out of bed, and transporting them to different areas within a facility. They also give patients important social and emotional support.

WHERE EMPLOYED

CNAs can work in many different facilities such as hospitals, nursing homes, and clinics.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Must enjoy working with people and understand human nature. Must be able to work well with others and be able to understand and follow directions and orders from doctors and nurses. Must be a good communicator and sensitive to others needs. Must be comfortable touching people and providing personal care.

ENTRANCE REQUIREMENT

Completion of a qualified CNA training program and passing grade on a certification exam.

EDUCATIONAL REQUIREMENTS

Certification programs that are offered through several Middle Tennessee health care facilities, community colleges and vocational or technical schools.

Please refer to "Section 4" for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

Certified Nursing Assistant website:

<http://www.nursingassistantcentral.com>



LICENSED PRACTICAL NURSE

DESCRIPTION OF WORK

Licensed practical nurses (LPN), also called licensed vocational nurses (LVN), work under the supervision of a doctor, registered nurse or nurse practitioner in offering patient care and services. They provide basic bedside care, including performing such duties as monitoring a patient's temperature, blood pressure, pulse and respiration. They may also be responsible for scheduling appointments, updating patient charts, taking medical histories and giving some medications.

WHERE EMPLOYED

LPNs are qualified to work in a hospital, clinic, doctor's office, home health agency or nursing home.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Must enjoy working with people and be able to follow orders and directions from registered nurses or doctors. Must have good communication skills and be sensitive to the needs of patients. As a licensed practical nurse, you should be responsible and thorough. You should also enjoy working as part of a medical team.

ENTRANCE REQUIREMENT

To earn an LPN license, you must pass a state administered nursing test; the NCLEX-PN® examination. In order to take the exam, you must first complete a LPN/LVN educational program

EDUCATIONAL REQUIREMENTS

The LPN program involves one year of training at a hospital, vocational/technical school, or community college.

After completing this training you are eligible for licensure as an LPN or LVN.

Please refer to "Section 4" for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

National Association for
Practical Nurse Education and Service
8607 Second Avenue, Suite 404-A
Silver Spring, MD 20910

The National Federation of Licensed Practical Nurses-
<http://www.nflpn.org/index.html>



N U R S I N G C A R E E R S



NURSING CAREERS

BASIC JOB DUTIES BY CAREER

Normal and customary responsibilities of an incumbent professional in each field

NURSING

- Certified Nurse Assistant, 10
- Licensed Practical Nurse, 10
- Registered Nurse, 11
- Clinical Nurse Specialist, 11
- Nurse Practitioner, 12
- Nurse Midwife, 12
- Nurse Anesthetist, 13



References: <http://www.bls.gov/search/ooh.asp?qu=trainers&ct=OOH>, and Allied Health in Tennessee: A Supply and Demand Study 2004.



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Certified nursing assistants (CNAs) aid health professionals. They help provide patients with basic care and services, such as assisting frail or disabled people with bathing, getting out of bed, and transporting them to different areas within a facility. They also give patients important social and emotional support.

WHERE EMPLOYED

CNAs can work in many different facilities such as hospitals, nursing homes, and clinics.

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PERSONAL QUALIFICATIONS

Must enjoy working with people and understand human nature. Must be able to work well with others and be able to understand and follow directions and orders from doctors and nurses. Must be a good communicator and sensitive to others needs. Must be comfortable touching people and providing personal care.

ENTRANCE REQUIREMENT

Completion of a qualified CNA training program and passing grade on a certification exam.

EDUCATIONAL REQUIREMENTS

Certification programs that are offered through several Middle Tennessee health care facilities, community colleges and vocational or technical schools.

Please refer to "Section 4" for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

Certified Nursing Assistant website:

<http://www.nursingassistantcentral.com>



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DESCRIPTION OF WORK

Licensed practical nurses (LPN), also called licensed vocational nurses (LVN), work under the supervision of a doctor, registered nurse or nurse practitioner in offering patient care and services. They provide basic bedside care, including performing such duties as monitoring a patient's temperature, blood pressure, pulse and respiration. They may also be responsible for scheduling appointments, updating patient charts, taking medical histories and giving some medications.

WHERE EMPLOYED

LPNs are qualified to work in a hospital, clinic, doctor's office, home health agency or nursing home.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Must enjoy working with people and be able to follow orders and directions from registered nurses or doctors. Must have good communication skills and be sensitive to the needs of patients. As a licensed practical nurse, you should be responsible and thorough. You should also enjoy working as part of a medical team.

ENTRANCE REQUIREMENT

To earn an LPN license, you must pass a state administered nursing test; the NCLEX-PN® examination. In order to take the exam, you must first complete a LPN/LVN educational program

EDUCATIONAL REQUIREMENTS

The LPN program involves one year of training at a hospital, vocational/technical school, or community college.

After completing this training you are eligible for licensure as an LPN or LVN.

Please refer to "Section 4" for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

National Association for
Practical Nurse Education and Service
8607 Second Avenue, Suite 404-A
Silver Spring, MD 20910

The National Federation of Licensed Practical Nurses-
<http://www.nflpn.org/index.html>



REGISTERED NURSE

DESCRIPTION OF WORK

Registered nurses have more education, skills, training and responsibility than licensed practical nurses. They direct or work within a team of health professionals in providing patient care and preventing illness. They educate patients on illnesses and strategies for leading healthy lifestyles. They also monitor patients' illnesses and record and study their symptoms, administer medication and treatments, and help patients rehabilitate from illnesses or injuries.

WHERE EMPLOYED

Registered nurses may work in hospitals, health clinics, doctor's offices, nursing homes, first-aid stations, camps, schools, rehabilitation centers, outpatient centers, prisons and a variety of other organizations that provide health care services.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

As a registered nurse, it is most important to be caring, compassionate and interested in helping others and working as part of a health care team. Individuals must have good communication skills and be sensitive to the needs of patients. It is helpful to have an interest in sciences, such as biology and chemistry.



ENTRANCE REQUIREMENT

Graduation from an accredited registered nursing educational program and passing score on the NCLEX-RN® licensure exam.

EDUCATIONAL REQUIREMENTS

There are several different educational paths of entry into professional registered nursing. RN Diploma programs are based in hospitals and are usually 24-36 months in length. Associates degree registered nursing programs are of similar length, and are usually based in community colleges. Baccalaureate degree programs are 3 to 5 years in length and usually based in universities. Once the educational program is completed, the national licensing exam must be passed. Many registered nurses begin their careers through the 24-36 month programs, gain some work experience, and then return to school to complete their baccalaureate degrees.

Please refer to "Section 4" for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

American Nurses Association- <http://www.ana.org/>

National Student Nurses Association- <http://www.nsna.org/>

CLINICAL NURSE SPECIALIST

DESCRIPTION OF WORK

A Clinical Nurse Specialist (CNS) is an advanced practice nurse whose care focuses on a specific patient population. CNSs choose an area of specialization, such as critical care, gerontology, oncology, or pediatrics. A CNS divides their time into five general areas - clinical practice, teaching, research, consulting, and leadership.

WHERE EMPLOYED

While most CNSs work in hospitals, they can also practice independently, or work in long-term care facilities, and for various health care agencies. Some CNSs are also employed to teach in schools of nursing.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Clinical nurse specialists must first develop expertise as a clinically excellent nurse. CNSs must be comfortable playing leadership roles, including leading health care teams of other nurses, physicians, pharmacists, and therapists. A high degree of self-confidence is needed to play the role of expert consultant and teacher to other health care team

members. Since the CNS role is multifaceted, the applicant should have strong skills in prioritization, time management, and handling multiple responsibilities simultaneously.

ENTRANCE REQUIREMENT

Graduate degree and specialty certification, beyond the basic RN licensure. Experience within the specialty is necessary and the amount of experience varies among educational programs.

EDUCATIONAL REQUIREMENTS

A master's degree is required. The MSN Clinical Specialist track requires the completion of approximately 35 semester hours of both theory and practicum courses (usually including approximately 500 hours of work in a practice setting). After completion of the graduate program, CNSs take certification exams in their area of specialty.

Please refer to "Section 4" for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

The National Association of Clinical Nurse Specialists-



<http://www.nacns.org/>

NURSE PRACTITIONER

DESCRIPTION OF WORK

Nurse practitioners are registered nurses who have the advanced education and experience necessary to perform many duties traditionally performed by physicians, such as prescribing medications and providing physical examinations. Nurse practitioners are able to provide general medical care to patients who may not have access to a doctor. They diagnose illnesses, order diagnostic tests, prescribe treatments, counsel patients and families, and teach patients about proper health care.

WHERE EMPLOYED

Most nurse practitioners work in clinic settings with physician partners. Nurse practitioners can also practice independently, or work in hospitals, long-term care facilities, and for various health care agencies. Some nurse practitioners also teach in schools of nursing, or direct research studies.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Nurse practitioners need to be organized, responsible, caring and compassionate. They also must feel comfortable taking charge. A strong sense of self-esteem is necessary to feel

comfortable working side-by-side with physicians and other members of the health care team. Strength in the sciences, such as chemistry and biology is also important.

ENTRANCE REQUIREMENT

Graduate degree and certification. Experience is necessary and the amount of experience varies among educational programs.

EDUCATIONAL REQUIREMENTS

A master's degree is required. The degree usually takes about two years to complete. Certification comes from passing a national certification exam after completing the educational program, including at least 500 clinical practice hours.

Please refer to "Section 4" for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

The American Academy of Nurse Practitioners-
<http://www.aanp.org/default.asp>

The American College of Nurse Practitioners-



<http://www.nurse.org/acnp/index.shtml>

NURSE MIDWIFE

DESCRIPTION OF WORK

A Certified Nurse Midwife is an advanced practice nurse with specialized training in delivering babies and providing prenatal and postpartum care to women. Nurse midwives are very involved in labor and delivery. They are trained to recognize signs and symptoms that deviate from normal conditions and will consult with a physician who may become involved in the delivery if needed. They are qualified to administer drugs and perform medical procedures. In addition, nurse-midwives provide family planning and birth control counseling, and normal gynecological services such as: physical and breast exams, pap smears, and preventive health screening. In most states, nurse-midwives may prescribe medications.

WHERE EMPLOYED

CNMs work in hospitals, clinics, birthing centers, health departments, private practices, usually in collaboration with physicians.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Must enjoy working with woman and babies. Must be able to identify and solve problems, and should be comfortable working independently. Must be flexible and capable of working long hours and non-traditional schedules.

ENTRANCE REQUIREMENTS

Graduate degree and certification.

EDUCATIONAL REQUIREMENTS

Educational requirements vary somewhat from state to state. In Tennessee, a master's degree is required. A bachelor's degree is required prior to entry into nurse-midwifery educational programs. The graduate work lasts from one to three years. National certification is required for CNMs in most states. The American College of Nurse Midwives rules state that only graduates of ACNM accredited programs are eligible to take the certification exams for CNMs.

Please refer to "Section 4" for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

The American College of Nurse Midwives -
<http://www.acnm.org/>



NURSE ANESTHETIST

DESCRIPTION OF WORK

Nurse anesthesia is an advanced clinical nursing specialty. CRNAs work closely with other health care professionals such as surgeons, dentists, podiatrists, and anesthesiologists. A CRNA takes care of a patient's anesthesia needs before, during and after surgery or the delivery of a baby by: performing a physical assessment; participating in pre-operative teaching; preparing for anesthetic management; administering anesthesia to keep the patient pain free; maintaining anesthesia; overseeing recovery from anesthesia; and following the patient's postoperative course from the recovery room to patient care unit. Nurse Anesthetists stay with their patients for the entire operative procedure, constantly monitoring every important body functions and individually modifying the anesthetic medication to ensure maximum safety and comfort.

WHERE EMPLOYED

CRNAs practice in a variety of settings private and public sectors and in the U.S. military, including traditional hospital surgical suites and obstetrical delivery rooms, ambulatory surgery centers, pain clinics, and physicians' offices. They practice alone, in groups and collaboratively. Some CRNAs have independent contracting arrangements with physicians or hospitals.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Must enjoy working with people and have the initiative to work independently. CRNAs need good judgment, the ability to identify and solve problems quickly, and advanced understanding of chemistry, biology, and pharmacology.

ENTRANCE REQUIREMENTS

Graduate degree and certification.

EDUCATIONAL REQUIREMENTS

CRNAs are required to have 24 to 36 months of graduate level coursework including both classroom and extensive clinical experience. Most CRNA programs offer a master's degree, some offer doctoral degrees. Depending on the particular program, the degrees are in nursing, allied health, or biological sciences. CRNAs must also pass a national certification exam. As a part of the recertification process they must also earn 40 hours of continuing education credits every two years.

Please refer to "Section 4" for specific education and training institutions and their requirements.

FOR FURTHER INFORMATION

American Association of Nurse Anesthetists –
<http://www.aana.com/crna/careerqna.asp>





ALLIED HEALTH CAREERS



ALLIED HEALTH CAREERS

BASIC JOB DUTIES BY CAREER

Normal and customary responsibilities of an incumbent professional in each field

ALLIED HEALTH PROFESSIONS

THERAPEUTIC

Rehabilitation Professions

- Physical Therapist, 16
- Physical Therapist Assistant, 17
- Occupational Therapist, 18
- Occupational Therapist Assistant, 19
- Athletic Training, 19
- Recreational Therapist, 20
- Speech-Language Pathologist, 21
- Speech-Language Pathology Aide (and Assistant), 22
- Speech-Language Pathology Audiologist, 23
- Respiratory Therapist and Respiratory Therapist Technician, 24-25
- Dietitian and Dietetic Technician, 26

Medical Assisting

- Medical Assistant, 27
- Surgical Technologist, 28

Emergency Medical Professions

- Emergency Medical Technician–Basic, Intermediate, and Paramedic, 29-30

DIAGNOSTIC

Medical Imaging

- Radiation Therapist, 31
- Nuclear Medicine Technologist, 33
- Diagnostic Radiologic Technologist, 32
- Diagnostic Medical Sonographer, 34

Clinical Laboratory Services

- Medical Technologist, Medical Laboratory Technician, Phlebotomist, 35-38

Dental Services

- Dental Hygienist, 39
- Dental Laboratory Technician, 41
- Dental Assistant, 40

HEALTH INFORMATION SERVICES (MEDICAL RECORDS)

Health Information Services

- Health Information Administrator and Health Information Technician, 42
- Medical Transcriptionist, 43

References: <http://www.bls.gov/search/ooh.asp?qu=trainers&ct=OOH>, and Allied Health in Tennessee: A Supply and Demand Study 2004.



PHYSICAL THERAPIST

DESCRIPTION OF WORK

Physical therapists (PTs) provide services that help restore function, improve mobility, relieve pain, and prevent or limit permanent physical disabilities of patients suffering from injuries or disease. They restore, maintain, and promote overall fitness and health. Their patients include accident victims and individuals with disabling conditions such as low back pain, arthritis, heart disease, fractures, head injuries, and cerebral palsy.

Therapists examine patients' medical histories, then test and measure their strength, range of motion, balance and coordination, posture, muscle performance, respiration, and motor function. They also determine patients' ability to be independent and reintegrate into the community or workplace after injury or illness. Next, they develop treatment plans describing a treatment strategy, its purpose, and anticipated outcome.

Treatment often includes exercise for patients who have been immobilized and lack flexibility, strength, or endurance. They encourage patients to use their own muscles to further increase flexibility and range of motion before finally advancing to other exercises improving strength, balance, coordination, and endurance. Their goal is to improve how an individual functions at work and home. Physical therapists also use electrical stimulation, hot packs or cold compresses, and ultrasound to relieve pain and reduce swelling. They may use traction or deep-tissue massage to relieve pain. Therapists also teach patients to use assistive and adaptive devices such as crutches, prostheses, and wheelchairs. They also may show patients exercises to do at home to expedite their recovery.

As treatment continues, physical therapists document progress, conduct periodic examinations, and modify treatments when necessary. Such documentation is used to track the patient's progress, and identify areas requiring more or less attention. Physical therapists often consult and practice with a variety of other professionals, such as physicians, dentists, nurses, educators, social workers, occupational therapists, speech-language pathologists, and audiologists.

Some physical therapists treat a wide range of ailments; others specialize in areas such as pediatrics, geriatrics, orthopedics, sports medicine, neurology, and cardiopulmonary physical therapy.

WHERE EMPLOYED

Physical therapists practice in hospitals, clinics, and private offices that have specially equipped facilities, or they treat patients in hospital rooms, homes, or schools.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Physical therapists should have strong interpersonal skills to successfully educate patients about their physical therapy treatments. They should also be compassionate and possess a desire to help patients. Similar traits also are needed to interact with the patient's family. Most full-time physical therapists work a 40-hour week, which may include some evenings and weekends. The job can be physically demanding because therapists often have to stoop, kneel, crouch, lift, and stand for long periods. In addition, physical therapists move heavy equipment and lift patients or help them turn, stand, or walk.

ENTRANCE REQUIREMENTS

All states require physical therapists to pass a licensure exam before they can practice, after graduating from an accredited physical therapist educational program. Physical therapists are expected to continue professional development by participating in continuing education courses and workshops. A number of states require continuing education to maintain licensure.

EDUCATIONAL REQUIREMENTS

Physical therapist programs start with basic science courses such as biology, chemistry, and physics, and then introduce specialized courses such as biomechanics, neuro-anatomy, human growth and development, manifestations of disease, examination techniques, and therapeutic procedures. Besides classroom and laboratory instruction, students receive supervised clinical experience. Courses useful when applying to physical therapist educational programs include anatomy, biology, chemistry, social science, mathematics, and physics. Before granting admission, many professional education programs require experience as a volunteer in a physical therapy department of a hospital or clinic.

Please refer to "Section 4" for specific education and training institutions and their requirements.



PHYSICAL THERAPIST ASSISTANT

DESCRIPTION OF WORK

Physical therapist assistants perform a variety of tasks. Components of treatment procedures performed by these workers, under the direction and supervision of physical therapists, involve exercises, massages, electrical stimulation, paraffin baths, hot and cold packs, traction, and ultrasound. Physical therapist assistants record the patient's responses to treatment and report to the physical therapist the outcome of each treatment.

WHERE EMPLOYED

Physical therapist assistants work alongside physical therapists in a variety of settings. More than two-thirds of jobs for assistants are in hospitals or offices of physical therapists. Others work in nursing and personal care facilities, outpatient rehabilitation centers, offices and clinics of physicians, and home health agencies.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Physical therapist assistants need to have a moderate degree of strength, due to the physical exertion required in assisting patients with their treatment. For example, in some cases, assistants and aides need to help lift patients. Additionally, constant kneeling, stooping, and standing for long periods are all part of the job.

ENTRANCE REQUIREMENTS

Physical therapist assistants typically earn an associate's degree from an accredited physical therapist assistant program. Licensure or registration is not required in all states for the physical therapist assistant to practice. The states that require licensure stipulate specific educational and examination criteria. Complete information on practice acts and regulations can be obtained from the state licensing boards. Additional requirements may include certification in CPR and other first aid and a minimum number of hours of clinical experience.

EDUCATIONAL REQUIREMENTS

Accredited physical therapist assistant programs are designed to last two years, or four semesters, and culminate in an associate's degree. Programs are divided into academic study and hands-on clinical experience. Academic coursework includes algebra, anatomy and physiology, biology, chemistry, and psychology. Before students begin their clinical field experience, many programs require that they complete a semester of anatomy and physiology and have certifications in CPR and other first aid. Both educators and prospective employers view clinical experience as an integral part of ensuring that students understand the responsibilities of a physical therapist assistant.

Please refer to "Section 4" for specific education and training institutions and their requirements.





OCCUPATIONAL THERAPIST

DESCRIPTION OF WORK

Occupational therapists (OTs) help people improve their ability to perform tasks in their daily living and working environments. They work with individuals who have conditions that are mentally, physically, developmentally, or emotionally disabling. They also help them to develop, recover, or maintain daily living and work skills.

Occupational therapists not only help clients improve basic motor functions and reasoning abilities, but also compensate for permanent loss of function. Their goal is to help clients have independent, productive, and satisfying lives. Recording a client's activities and progress is an important part of an occupational therapist's job. Accurate records are essential for evaluating clients, billing, and reporting to physicians and others.

Occupational therapists assist clients in performing activities of all types, ranging from using a computer, to caring for daily needs such as dressing, cooking, and eating.

Occupational therapists may use computer programs to help clients improve decision-making, abstract reasoning, problem solving, and perceptual skills, as well as memory, sequencing, and coordination—all of which are important for independent living. For those with permanent functional disabilities, such as spinal cord injuries, cerebral palsy, or muscular dystrophy, therapists instruct in the use of adaptive equipment such as wheelchairs, splints, and aids for eating and dressing. They also design or make special equipment needed at home or at work. Some occupational therapists, called *industrial therapists*, treat individuals whose ability to function in a work environment has been impaired. They arrange employment, plan work activities, and evaluate the client's progress.

Occupational therapists may work exclusively with individuals in a particular age group, or with particular disabilities. In schools, for example, they evaluate children's abilities, recommend and provide therapy, modify classroom equipment, and in general, help children participate as fully as possible in school programs and activities. Occupational therapy is also beneficial to the elderly population. Therapists help senior citizens lead more productive, active, and independent lives through a variety of methods, including the use of adaptive equipment.

Occupational therapists in mental health settings treat individuals who are mentally ill, mentally retarded, or emotionally disturbed. To treat these problems, therapists choose activities that help people learn to cope with daily life. Activities include time management skills, budgeting, shopping, homemaking, and use of public transportation. They may also work with individuals who are dealing with alcoholism, drug abuse, depression, eating disorders, or stress related disorders.

WHERE EMPLOYED

The largest number of jobs was in hospitals, including many in rehabilitation and psychiatric hospitals. Other major employers include offices and clinics of occupational therapists and other health practitioners, school systems, home health agencies, nursing homes, community mental health centers, adult daycare programs, job training services, and residential care facilities. Some occupational therapists are self-employed in private practice and may see clients referred by physicians or other health professionals. They may also contract to provide consulting services to a variety of agencies.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Occupational therapists need patience and strong interpersonal skills to inspire trust and respect in their clients. Ingenuity and imagination in adapting activities to individual needs are assets. Ease in adapting to new settings is also an asset.

ENTRANCE REQUIREMENTS

A bachelor's degree in occupational therapy is the minimum requirement for entry into this field. All states, Puerto Rico, and the District of Columbia regulate occupational therapy. To obtain a license, applicants must graduate from an accredited educational program, and pass a national certification examination. Those who pass the test are awarded the title of registered occupational therapist.

EDUCATIONAL REQUIREMENTS

Persons considering this profession should take high school courses in biology, chemistry, physics, health, art, and the social sciences. College admissions offices also look favorably at paid or volunteer experience in the health care field. Occupational therapy coursework includes physical, biological, and behavioral sciences, and the application of occupational therapy theory and skills. Completion of six months of supervised fieldwork also is required.

Please refer to "Section 4" for specific education and training institutions and their requirements.



OCCUPATIONAL THERAPIST ASSISTANT

DESCRIPTION OF WORK

Occupational therapist assistants help clients with rehabilitative activities and exercises outlined in a treatment plan developed in collaboration with an occupational therapist. Activities range from teaching the proper method of moving from a bed into a wheelchair to the best way to stretch and limber the muscles of the hand. Assistants monitor an individual's activities to make sure they are performed correctly and provide encouragement. They also record their client's progress for use by the occupational therapist. If the treatment is not having the intended effect, or the client is not improving as expected, the therapist may alter the treatment program in hopes of obtaining better results. In addition, occupational therapist assistants document billing of the client's health insurance provider.

WHERE EMPLOYED

About 30 percent of assistants worked in hospitals, 25 percent worked in offices of occupational therapists, and 20 percent in nursing and personal care facilities. The remainder primarily worked in offices and clinics of physicians, social services agencies, outpatient rehabilitation centers, and home health agencies.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Assistants and aides must be responsible, patient, and willing to take directions and work as part of a team. Furthermore,

they should be caring and want to help people who are not able to help themselves. Occupational therapist assistants need to have a moderate degree of strength, due to the physical exertion required in assisting patients with their treatment. For example, in some cases, assistants need to help lift patients. Additionally, constant kneeling, stooping, and standing for long periods all are part of the job.

ENTRANCE REQUIREMENTS

Persons must complete an associate's degree or certificate program from an accredited community college or technical school to qualify for occupational therapist assistant jobs. Students also must complete supervised fieldwork in a clinic or community setting.

Occupational therapist assistants are regulated in most States, and must pass a national certification examination after they graduate. Those who pass the test are awarded the title of certified occupational therapist assistant.

EDUCATIONAL REQUIREMENTS

Applicants to occupational therapist assistant programs can improve their chances of admission by taking high school courses in biology and health and by performing volunteer work in nursing homes, occupational or physical therapist's offices, or elsewhere in the health care field.

Please refer to "Section 4" for specific education and training institutions and their requirements.



ATHLETIC TRAINING

DESCRIPTION OF WORK

The certified athletic trainer (ATC) is an educated and skilled professional specializing in the prevention, treatment, and rehabilitation of injuries. In cooperation with physicians and other allied health personnel, the ATC functions as an integral member of the athletic health care team in secondary schools, colleges and universities, sports medicine clinics, professional sports programs, industrial settings, and other health care environments. In 1990, the American Medical Association recognized athletic training as an allied health profession.

WHERE EMPLOYED

Most athletic training employment in Tennessee is at the university and college level and in sports medicine clinics. *Please refer to "Section 6" for directory of specific employers.*

PERSONAL QUALIFICATIONS

The athletic trainer must be able to work well with physicians and other allied health personnel as part of an athletic health care team. An athletic trainer should be responsible, patient, and have the desire to help athletes and other physically active individuals.

ENTRANCE REQUIREMENTS

To practice athletic training in the state of Tennessee a person must be NATABOC certified and must pass a Tennessee athletic training licensure examination.

EDUCATIONAL REQUIREMENTS

A bachelor's degree in athletic training from a National Athletic Trainer's Association (NATA) Commission on Accreditation of Allied Health Education Programs (CAA-HEP) accredited entry-level program will be required by 2004 to be eligible for NATA Board of Certification (BOC) examination candidacy. Until 2004, students may be eligible for candidacy either by graduating from an NATA CAA-HEP-accredited program or through an internship program.

Certified athletic trainers assist in the prevention, identification, management, and rehabilitation of injuries to athletes and the physically active population. They have formal training in anatomy, physiology, exercise science, psychology, and emergency medicine, pharmacology, kinesiology and pharmacology.

Please refer to "Section 4" for specific education and training institutions and their requirements.



RECREATIONAL THERAPIST

DESCRIPTION OF WORK

Recreational therapists, also referred to as *therapeutic recreation specialists*, provide treatment services and recreation activities to individuals with disabilities, illnesses, or other disabling conditions. Therapists treat and maintain the physical, mental, and emotional well being of clients using a variety of techniques, including the use of arts and crafts, animals, sports, games, dance and movement, drama, music, and community outings. Therapists help individuals reduce depression, stress, and anxiety. They also help individuals recover basic motor functioning and reasoning abilities, build confidence, and socialize effectively to enable greater independence, as well as to reduce or eliminate the effects of illness or disability. They help integrate people with disabilities into the community by helping them use community resources and recreational activities. Recreational therapists should not be confused with recreation and fitness workers, who organize recreational activities primarily for enjoyment.

In acute health care settings, such as hospitals and rehabilitation centers, recreational therapists treat and rehabilitate individuals with specific health conditions, usually in conjunction or collaboration with other health care professionals. In long-term and residential care facilities, recreational therapists use leisure activities—especially structured group programs—to improve and maintain general health and well being. They may also treat clients and provide interventions to prevent further medical problems and secondary complications related to illness and disabilities.

Recreational therapists assess clients, based on information from standardized assessments, observations, medical records, medical staff, family, and clients themselves. They then develop and carry out therapeutic interventions consistent with client needs and interests. Recreational therapists may instruct patients in relaxation techniques to reduce stress and tension, stretching and limbering exercises, proper body mechanics for participation in recreation activities, pacing and energy conservation techniques, and individual as well as team activities. Additionally, therapists observe and document patients' participation, reactions, and progress.

Community-based therapeutic recreation specialists may work in park and recreation departments, special education programs for school districts, or programs for older adults and people with disabilities such as assisted living, adult day care, and substance abuse rehabilitation centers.

Therapists use interventions to develop specific skills while providing opportunities for exercise, mental stimulation, creativity, and fun. Some therapists work in schools help counselors, teachers, and parents address the special needs of students—most importantly, easing the transition into adult life for disabled students.

WHERE EMPLOYED

Almost 40 percent of salaried jobs for therapists were in nursing and personal care facilities, over 30 percent were in hospitals, while others worked in residential facilities, community mental health centers, adult day care programs, correctional facilities, and community programs for people with disabilities, and substance abuse centers. Only a small number of therapists were self-employed, generally contracting with agencies to develop and oversee programs. *Please refer to "Section 6" for directory of specific employers.*

PERSONAL QUALIFICATIONS

Therapists often lift and carry equipment as well as lead or demonstrate recreational activities. Recreational therapists generally work a 40-hour week that may include some evenings, weekends, and holidays. Recreational therapists should be comfortable working with persons who are ill or have disabilities, be patient, tactful, and persuasive when working with people who have a variety of special needs, have ingenuity, a sense of humor, and imagination to adapt activities to individual needs. Physical coordination is also required for leading and demonstrating activities.

ENTRANCE REQUIREMENTS

A bachelor's degree in therapeutic recreation, or in recreation with a concentration in therapeutic recreation, is the usual requirement for entry-level positions. Persons may qualify for paraprofessional positions with an associate degree in therapeutic recreation or a health care related field. An associate degree in recreational therapy, training in art, drama, or music therapy, or qualifying work experience may be sufficient for activity director positions in nursing homes. Most employers prefer to hire candidates who are certified therapeutic recreation specialists (CTRS).

EDUCATIONAL REQUIREMENTS

Students study human anatomy, physiology, abnormal psychology, medical and psychiatric terminology, characteristics of illnesses and disabilities, professional ethics, and the use of assistive devices and technology.

Please refer to "Section 4" for specific education and training institutions and their requirements.



SPEECH-LANGUAGE PATHOLOGIST

DESCRIPTION OF WORK

Speech-language pathologists assess, diagnose, treat, and help to prevent speech, language, cognitive, communication, voice, swallowing, fluency, and other related disorders. (Audiologists are discussed elsewhere in this publication.)

Speech-language pathologists work with people who cannot make speech sounds, or cannot make them clearly; those with speech rhythm and fluency problems, such as stuttering; people with voice quality problems, such as inappropriate pitch or harsh voice; those with problems understanding and producing language; those who wish to improve their communication skills by modifying an accent; and those with cognitive communication impairments, such as attention, memory, and problem solving disorders. They also work with people who have oral motor problems causing eating and swallowing difficulties.

WHERE EMPLOYED

About one-half of jobs for speech-language pathologists and audiologists were in preschools, elementary and secondary schools, or colleges and universities. Others were in offices of speech-language pathologists and audiologists, hospitals, offices of physicians, speech, language, and hearing centers, home health agencies, or other facilities. *Please refer to "Section 6" for directory of specific employers.*

PERSONAL QUALIFICATIONS

Speech-language pathologists usually work at a desk or table in clean, comfortable surroundings. The job is not

physically demanding but does require attention to detail and intense concentration. The emotional needs of clients and their families may be demanding. Most full-time speech-language pathologists work about 40 hours per week, though some work part time. Those who work on a contract basis may spend a substantial amount of time traveling between facilities.

ENTRANCE REQUIREMENTS

Of the states that regulate licensing (45 for speech-language pathologists and 47 for audiologists), almost all require a master's degree or equivalent. Other requirements are 300 to 375 hours of supervised clinical experience, a passing score on a national examination, and nine months of post-graduate professional clinical experience. Forty-one states have continuing education requirements for licensure renewal. Medicaid, Medicare, and private health insurers generally require a practitioner to be licensed to qualify for reimbursement.

EDUCATIONAL REQUIREMENTS

About 112 colleges and universities offer graduate programs in audiology in the United States. Course work includes anatomy; physiology; basic science; math; physics; genetics; normal and abnormal communication development; auditory, balance and neural systems assessment and treatment; audiologic rehabilitation; and ethics. *Please refer to "Section 4" for specific education and training institutions and their requirements.*





SPEECH-LANGUAGE PATHOLOGY AIDE (AND ASSISTANT)

DESCRIPTION OF WORK

Speech-language pathology aides (and speech-language pathology assistants—SLPAs) are support personnel who, following academic and/or on-the-job training, perform tasks prescribed, directed, and supervised by ASHA-certified speech-language pathologists. See *Speech Language Pathologist* for the specific activities that the speech language pathology assistant or aide might assist with.

There are typically two levels of support personnel – aides and assistants. Based on level of training, these support personnel may have a different scope of responsibilities in the work setting. Aides, for example, have a different, usually narrower, training base and a more limited scope of responsibilities than speech-language pathology assistants. Different terminology may be used to refer to support personnel in speech-language pathology (e.g., communication aides, paraprofessionals, service extenders).

WHERE EMPLOYED

Speech-language pathology aides (and speech-language pathology assistants -SLPAs) may be employed anywhere that employs speech pathologists. About one-half of jobs for speech language pathologists and audiologists were in preschools, elementary and secondary schools, or colleges and universities. Others were in offices of speech-language pathologists and audiologists, hospitals, offices of physicians, speech, language, and hearing centers, home health agencies, or other facilities.

Please refer to “Section 6” for directory of specific employers.

PERSONAL QUALIFICATIONS

Speech language pathology aides (and assistants) usually work at a desk or table in clean, comfortable surroundings. The job is not physically demanding but does require attention to detail and intense concentration. The emotional

needs of clients and their families may be demanding. Most full-time speech-language pathologist aides (and assistants) work about 40 hours per week, though some work part time. Those who work on a contract basis may spend a substantial amount of time traveling between facilities.

ENTRANCE REQUIREMENTS

American Speech-Language-Hearing Association (ASHA) recommends completion of an associate’s degree from a technical training program with a program of study designed to prepare the student to be a speech-language pathology aide or assistant. Because the requirements for speech-language pathology support personnel vary across the country, persons interested in serving as speech-language pathology assistants should check with the state of intended employment for that state’s specific requirements. State agencies (licensure boards) currently regulating support personnel have training requirements that range from a high school diploma to a baccalaureate degree + graduate credit hours, as well as a variety of differing requirements for those supervising these individuals. In addition to state regulatory agencies, state education agencies may credential support personnel to work solely in schools to support service delivery provided by a qualified speech-language pathologist.

EDUCATIONAL REQUIREMENTS

As of September 2003, ASHA is aware of 27 operational associate degree programs for speech-language pathology assistants and 73 institutions that are considering and/or developing programs. Some of these programs are exploring training opportunities through distance learning and collaborations between community colleges and institutions of higher education. For a self-identified list of SLPA training programs, contact slpa@asha.org.

Please refer to “Section 4” for specific education and training institutions and their requirements.



SPEECH-LANGUAGE PATHOLOGY AUDIOLOGIST

DESCRIPTION OF WORK

Audiologists work with people who have hearing, balance, and related problems. They use audiometers, computers, and other testing devices to measure the loudness at which a person begins to hear sounds, the ability to distinguish between sounds, and the nature and extent of hearing loss. Audiologists interpret these results and may coordinate them with medical, educational, and psychological information to make a diagnosis and determine a course of treatment.

Audiologists may conduct research on types of, and treatment for, hearing, balance, and related disorders. Others design and develop equipment or techniques for diagnosing and treating these disorders.

WHERE EMPLOYED

About one-half of jobs for audiologists were in preschools, elementary and secondary schools, or colleges and universities. Others were in offices of speech-language pathologists and audiologists; hospitals; offices of physicians; speech, language, and hearing centers; home health agencies; or other facilities. Audiologists are more likely to be employed in independent health care offices, while speech-language pathologists are more likely to work in school settings.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Speech-language audiologists usually work at a desk or table in clean, comfortable surroundings. The job is not physically demanding but does require attention to detail and intense concentration. The emotional needs of clients and their families may be demanding. Most full-time speech-language audiologists work about 40 hours per week; some work part time. Those who work on a contract basis may spend a substantial amount of time traveling between facilities.

ENTRANCE REQUIREMENTS

Of the states that regulate licensing (45 for speech-language pathologists and 47 for audiologists), almost all require a master's degree or equivalent. Other requirements are 300 to 375 hours of supervised clinical experience, a passing score on a national examination, and 9 months of postgraduate professional clinical experience. Forty-one States have continuing education requirements for licensure renewal. Medicaid, Medicare, and private health insurers generally require a practitioner to be licensed to qualify for reimbursement.

EDUCATIONAL REQUIREMENTS

About 112 colleges and universities offer graduate programs in audiology in the United States. Course work includes anatomy; physiology; basic science; math; physics; genetics; normal and abnormal communication development; auditory, balance and neural systems assessment and treatment; audiologic rehabilitation; and ethics. *Please refer to "Section 4" for specific education and training institutions and their requirements.*



RESPIRATORY THERAPIST/RESPIRATORY THERAPIST TECHNICIAN

DESCRIPTION OF WORK

Respiratory therapists and respiratory therapy technicians—also known as respiratory care practitioners—evaluate, treat, and care for patients with breathing disorders. Respiratory therapists assume primary responsibility for all respiratory care treatments, including the supervision of respiratory therapy technicians. Respiratory therapy technicians provide specific, well-defined respiratory care procedures under the direction of respiratory therapists and physicians. In clinical practice, many of the daily duties of therapists and technicians overlap, although therapists generally have more experience than technicians. In this statement, the term respiratory therapists include both respiratory therapists and respiratory therapy technicians.

To evaluate patients, respiratory therapists test the capacity of the lungs and analyze oxygen and carbon dioxide concentration. They also measure the patient's potential of hydrogen (pH), which indicates the acidity or alkalinity level of the blood. To measure lung capacity, patients breathe into an instrument that measures the volume and flow of oxygen during inhalation and exhalation. By comparing the reading with the norm for the patient's age, height, weight, and sex, respiratory therapists can determine whether lung deficiencies exist. To analyze oxygen, carbon dioxide, and pH levels, therapists draw an arterial blood sample, place it in a blood gas analyzer, and relay the results to a physician.

Respiratory therapists treat all types of patients, ranging from premature infants whose lungs are not fully developed to elderly people whose lungs are diseased. These workers provide temporary relief to patients with chronic asthma or emphysema, as well as emergency care to patients who are victims of a heart attack, stroke, drowning, or shock.

WHERE EMPLOYED

More than four out of five jobs were in hospital departments of respiratory care, anesthesiology, or pulmonary medicine. Respiratory therapy clinics, offices of physicians, nursing homes, and firms that supply respiratory equipment for home use accounted for most of the remaining jobs.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Respiratory therapists generally work between 35 and 40 hours a week. Because hospitals operate around the clock, therapists may work evenings, nights, or weekends. They spend long periods standing and walking between patients' rooms. In an emergency, therapists work under a great deal of stress.

ENTRANCE REQUIREMENTS

Persons may qualify for entry into the field of respiratory therapy by earning an associate's or bachelor's degree entering the field as a registered respiratory therapist (RRT) or by earning an award certificate through a shorter program qualifying as a certified respiratory therapist (CRT) – See below for more details on CRT requirements.

EDUCATIONAL REQUIREMENTS

Areas of study for respiratory therapy programs include human anatomy and physiology, chemistry, physics, microbiology, and mathematics. Technical courses deal with procedures, equipment, and clinical tests. High school students interested in a career in respiratory care should take courses in health, biology, mathematics, chemistry, and physics. Respiratory care involves basic mathematical problem solving and an understanding of chemical and physical principles.

Training is offered at the postsecondary level by medical schools, colleges and universities, trade schools, vocational-technical institutes, and the Armed Forces. Formal training programs vary in length and in the credential or degree awarded.

Some programs award associate's or bachelor's degrees and prepare graduates for jobs as *registered respiratory therapists (RRTs)*.

Other, shorter programs award certificates and lead to jobs as entry-level *certified respiratory therapists (CRTs)*.

According to the National Board for Respiratory Care (NBRC) **recently revised requirements** for RRT and CRT credentialing include being 18 years of age or older, and meeting the following requirements.

**For RRT:**

Applicants shall satisfy ONE of the following educational requirements:

- a. Be a CRT having earned a minimum of an associate degree from an advanced level respiratory therapist educational program supported by the Committee on Accreditation for Respiratory Care (CoARC), or its predecessor the Joint Review Committee for Respiratory Therapy Education (JRCRTE), or accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

OR

- b. Until December 31, 2005, be a CRT having a certificate of completion/graduation from an advanced level respiratory therapist educational program supported by the Committee on Accreditation for Respiratory Care (CoARC), or its predecessor the Joint Review Committee for Respiratory Therapy Education (JRCRTE), or accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). They shall also have at least 62 semester hours of college credit from a college or university accredited by its regional association or the equivalent. This applies only to individuals enrolled in an education program before January 1, 2002. Anyone enrolled in a program beginning January 1, 2002, must comply with requirement “a” above.

Additional options for meeting requirements for *RRT credentialing* can be found at www.NBRC.org.

For CRT:

Applicants shall satisfy ONE of the following:

- a. Have a minimum of an associate degree from a respiratory therapy education program supported by the Committee on Accreditation for Respiratory Care (CoARC), or its predecessor the Joint Review Committee for Respiratory Therapy Education (JRCRTE), or accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP).

OR

- b. Until December 31, 2005, have a certificate of completion/graduation from a respiratory therapy education program supported by the Committee on Accreditation for Respiratory Care (CoARC), or its predecessor the Joint Review Committee for Respiratory Therapy Education (JRCRTE), or accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). This applies only to individuals enrolled in an education program before January 1, 2002. Anyone enrolled in a program beginning January 1, 2002, must comply with requirement “a” above.

According to the Committee on Accreditation for Respiratory Care (CoARC), there were 334 accredited RRT programs and 102 accredited CRT programs in the United States in 2000.

Please refer to “Section 4” for specific education and training institutions and their requirements.





DIETITIAN/DIETETIC TECHNICIAN

DESCRIPTION OF WORK

Dietitians and nutritionists plan food and nutrition programs and supervise the preparation and serving of meals. They help prevent and treat illnesses by promoting healthy eating habits and suggesting diet modifications, such as less salt for those with high blood pressure or reduced fat and sugar intake for those who are overweight. Dietitians run food service systems for institutions such as hospitals and schools, promote sound eating habits through education, and conduct research. Major areas of practice include clinical, community, management, and consultant dietetics.

Clinical dietitians provide nutritional services for patients in institutions such as hospitals and nursing homes. They assess patients' nutritional needs, develop and implement nutrition programs, and evaluate and report the results. They also confer with doctors and other health care professionals in order to coordinate medical and nutritional needs. Some clinical dietitians specialize in the management of overweight patients, care of the critically ill, or of renal (kidney) and diabetic patients. In addition, clinical dietitians in nursing homes, small hospitals, or correctional facilities also may manage the food service department.

Community dietitians counsel individuals and groups on nutritional practices designed to prevent disease and promote good health. Working in places such as public health clinics, home health agencies, and health maintenance organizations, they evaluate individual needs, develop nutritional care plans, and instruct individuals and their families. Dietitians working in home health agencies provide instruction on grocery shopping and food preparation to the elderly, individuals with special needs, and children.

Management dietitians oversee large-scale meal planning and preparation in health care facilities, company cafeterias, prisons, and schools. They hire, train, and direct other dietitians and food service workers; budget for and purchase food, equipment, and supplies; enforce sanitary and safety regulations; and prepare records and reports.

Consultant dietitians work under contract with health care facilities or in their own private practice. They perform nutrition screenings for their clients, and offer advice on diet-related concerns such as weight loss or cholesterol reduction. Some work for wellness programs, sports teams, supermarkets, and other nutrition-related businesses. They may consult with food service managers, providing expertise in sanitation, safety procedures, menu development, budgeting, and planning.

WHERE EMPLOYED

More than half were in hospitals, nursing homes, or offices and clinics of physicians. State and local governments provided about one job in ten—mostly in health departments and other public health related areas. Other jobs were in restaurants, social service agencies, residential care facilities, diet workshops, physical fitness facilities, school systems, colleges and universities, and the federal government—mostly in the U.S. Department of Veterans Affairs. Some dietitians and nutritionists were employed by firms that provide food services on contract to such facilities as colleges and universities, airlines, correctional facilities, and company cafeterias.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Most dietitians work a regular 40-hour week, although some work weekends. Many dietitians work part-time. Dietitians and nutritionists usually work in clean, well-lighted, and well-ventilated areas. However, some dietitians work in warm, congested kitchens. Many dietitians and nutritionists are on their feet for much of the workday.

ENTRANCE REQUIREMENTS

Dietitians and nutritionists need at least a bachelor's degree in dietetics, foods and nutrition, food service systems management, or a related area.

EDUCATIONAL REQUIREMENTS

College students in these majors take courses in foods, nutrition, institution management, chemistry, biochemistry, biology, microbiology, and physiology. Other suggested courses include business, mathematics, statistics, computer science, psychology, sociology, and economics. High school students interested in becoming a dietitian or nutritionist should take courses in biology, chemistry, mathematics, health, and communications.

Please refer to "Section 4" for specific education and training institutions and their requirements.



MEDICAL ASSISTANT

DESCRIPTION OF WORK

Medical assistants perform routine administrative and clinical tasks to keep the offices and clinics of physicians, podiatrists, chiropractors, and optometrists running smoothly. They should not be confused with physician assistants who examine, diagnose, and treat patients under the direct supervision of a physician. The duties of medical assistants vary from office to office, depending on office location, size, and specialty. In small practices, medical assistants usually are “generalists,” handling both administrative and clinical duties and reporting directly to an office manager, physician, or other health practitioner. Those in large practices tend to specialize in a particular area under the supervision of department administrators.

Medical assistants perform many administrative duties. They answer telephones, greet patients, update and file patient medical records, fill out insurance forms, handle correspondence, schedule appointments, arrange for hospital admission and laboratory services, and handle billing and bookkeeping.

Clinical duties vary according to state law and include taking medical histories and recording vital signs, explaining treatment procedures to patients, preparing patients for examination, and assisting the physician during the examination. Medical assistants collect and prepare laboratory specimens or perform basic laboratory tests on the premises, dispose of contaminated supplies, and sterilize medical instruments. They instruct patients about medication and special diets, prepare and administer medications as directed by a physician, authorize drug refills as directed, telephone prescriptions to a pharmacy, draw blood, prepare patients for x-rays, take electrocardiograms, remove sutures, and change dressings.

WHERE EMPLOYED

Sixty percent were in physicians’ offices, and about 15 percent were in hospitals, including inpatient and outpatient facilities. The rest were in nursing homes, offices of other health practitioners, and other health care facilities.

Please refer to “Section 6” for directory of specific employers.

PERSONAL QUALIFICATIONS

Medical assistants deal with the public; therefore, they must be neat and well groomed and have a courteous, pleasant manner. Medical assistants must be able to put patients at ease and explain physicians’ instructions. They must respect the confidential nature of medical information. Clinical duties require a reasonable level of manual dexterity and visual acuity. Medical assistants work in well-lighted, clean environments. They constantly interact with other people and may have to handle several responsibilities at once. Most full-time medical assistants work a regular 40-hour week. Some work part-time, evenings, or weekends.

ENTRANCE REQUIREMENTS

Most employers prefer graduates of formal programs in medical assisting. Such programs are offered in vocational-technical high schools, postsecondary vocational schools, community and junior colleges, and in colleges and universities.

EDUCATIONAL REQUIREMENTS

Postsecondary programs usually last either one year, resulting in a certificate or diploma, or two years, resulting in an associate’s degree. Courses cover anatomy, physiology, and medical terminology as well as typing, transcription, recordkeeping, accounting, and insurance processing. Students learn laboratory techniques, clinical and diagnostic procedures, pharmaceutical principles, medication administration, and first aid. They study office practices, patient relations, medical law, and ethics. Accredited programs include an internship that provides practical experience in physicians’ offices, hospitals, or other health care facilities. *Please refer to “Section 4” for specific education and training institutions and their requirements.*



SURGICAL TECHNOLOGIST

DESCRIPTION OF WORK

Surgical technologists, also called scrubs and surgical or operating room technicians, assist in surgical operations under the supervision of surgeons, registered nurses, or other surgical personnel. Surgical technologists are members of operating room teams, which most commonly include surgeons, anesthesiologists, and circulating nurses. Before an operation, surgical technologists help prepare the operating room by setting up surgical instruments and equipment, sterile drapes, and sterile solutions. They assemble both sterile and non-sterile equipment, as well as adjust and check it to ensure it is working properly. Technologists also get patients ready for surgery by washing, shaving, and disinfecting incision sites. They transport patients to the operating room, help position them on the operating table, and cover them with sterile surgical “drapes.” Technologists also observe patients’ vital signs, check charts, and assist the surgical team with putting on sterile gowns and gloves.

During surgery, technologists pass instruments and other sterile supplies to surgeons and surgeon assistants. They may hold retractors, cut sutures, and help count sponges, needles, supplies, and instruments. Surgical technologists help prepare, care for, and dispose of specimens taken for laboratory analysis and help apply dressings. Some operate sterilizers, lights, or suction machines, and help operate diagnostic equipment.

After an operation, surgical technologists may help transfer patients to the recovery room and clean and restock the operating room.

WHERE EMPLOYED

Almost three-quarters are employed by hospitals, mainly in operating and delivery rooms. Others are employed in clinics and surgical centers, and in the offices of physicians and dentists who perform outpatient surgery. A few, known as private scrubs, are employed directly by surgeons who have special surgical teams, like those for liver transplants. *Please refer to “Section 6” for directory of specific employers.*

PERSONAL QUALIFICATIONS

Surgical technologists work in clean, well-lighted, cool environments. They must stand for long periods and remain alert during operations. At times they may be exposed to communicable diseases and unpleasant sights, odors, and materials. Most surgical technologists work a regular 40-hour week, although they may be on call or work nights, weekends and holidays on a rotating basis. Surgical technologists need manual dexterity to handle instruments quickly. They also must be conscientious, orderly, and emotionally stable to handle the demands of the operating room environment. Technologists must respond quickly and know procedures well to have instruments ready for surgeons without having to be told. They are expected to keep abreast of new developments in the field. Recommended high school courses include health, biology, chemistry, and mathematics.

ENTRANCE REQUIREMENTS

High school graduation normally is required for admission.

EDUCATIONAL REQUIREMENTS

Surgical technologists receive their training in formal programs offered by community and junior colleges, vocational schools, universities, hospitals, and the military. In 2001, the Commission on Accreditation of Allied Health Education Programs (CAAHEP) recognized 350 accredited programs. High school graduation normally is required for admission. Programs last nine to 24 months and lead to a certificate, diploma, or associate’s degree.

Please refer to “Section 4” for specific education and training institutions and their requirements.





EMERGENCY MEDICAL TECHNICIAN - BASIC, INTERMEDIATE, PARAMEDIC

DESCRIPTION OF WORK

People's lives often depend on the quick reaction and competent care of emergency medical technicians (EMTs) and paramedics. Incidents as varied as automobile accidents, heart attacks, drownings, childbirth, and gunshot wounds all require immediate medical attention. EMTs and paramedics provide this vital attention as they care for and transport the sick or injured to a medical facility.

EMTs and paramedics, following strict rules and guidelines, give appropriate emergency care on the scene to where they have been dispatched, and when necessary transport the patient. Some paramedics are trained to treat patients with minor injuries on the scene of an accident or at their home without transporting them to a medical facility. Emergency treatments for more complicated problems are carried out under the direction of medical doctors by radio preceding or during transport.

EMTs and paramedics may use special equipment such as backboards to immobilize patients before placing them on stretchers and securing them in the ambulance for transport to a medical facility. Usually, one EMT or paramedic drives while the other monitors the patient's vital signs and gives additional care as needed. Some EMTs work as part of the flight crew of helicopters that transport critically ill or injured patients to hospital trauma centers. At the medical facility, EMTs and paramedics help transfer patients to the emergency department, report their observations and actions to staff, and may provide additional emergency treatment. After each run, EMTs and paramedics replace used supplies and check equipment. If a transported patient had a contagious disease, EMTs and paramedics decontaminate the interior of the ambulance and report cases to the proper authorities.

Beyond these general duties, the specific responsibilities of EMTs and paramedics depend on their level of qualification and training. To determine this, the National Registry of Emergency Medical Technicians (NREMT) registers emergency medical service (EMS) providers at four levels: First Responder, EMT-Basic, EMT-Intermediate, and EMT-Paramedic. Some states, however, do their own certification and use numeric ratings from one to four to distinguish levels of proficiency.

The lowest level—First Responders—are trained to provide basic emergency medical care because they tend to be the first persons to arrive at the scene of an incident. Many firefighters, police officers, and other emergency workers have this level of training. The EMT-Basic, also known as EMT-1, represents the first component of the emergency medical technician system. An EMT-1 is trained to care for patients on accident scenes and on transport by ambulance to the hospital under medical direction. The EMT-1 has the emergency skills to assess a patient's condition and manage respiratory, cardiac, and trauma emergencies.

The EMT-Intermediate (EMT-2 and EMT-3) has more advanced training that allows administration of intravenous fluids, use of manual defibrillators to give lifesaving shocks to a stopped heart, and use of advanced airway techniques and equipment to assist patients experiencing respiratory emergencies. EMT-Paramedics (EMT-4) provide the most extensive pre-hospital care. In addition to the procedures already described, paramedics may administer drugs orally and intravenously, interpret electrocardiograms (EKGs), perform endotracheal intubations, and use monitors and other complex equipment.

WHERE EMPLOYED

Most career EMTs and paramedics work in metropolitan areas. There are many more volunteer EMTs and paramedics, especially in smaller cities, towns, and rural areas. They volunteer for fire departments, emergency medical services (EMS), or hospitals and may respond to only a few calls for service per month or may answer the majority of calls, especially in smaller communities. EMTs and paramedics work closely with firefighters, who often are certified as EMTs as well and act as first responders.

Full- and part-time paid EMTs and paramedics were employed in a number of industries. About four out of ten worked in local and suburban transportation, as employees of private ambulance services. About three out of ten worked in local government for fire departments, public ambulance services and EMS. Another two out of ten were found in hospitals, where they worked full time within the medical facility or responded to calls in ambulances or helicopters to transport critically ill or injured patients. The remainder worked in various industries providing emergency services.

Please refer to "Section 6" for directory of specific employers.



PERSONAL QUALIFICATIONS

EMTs and paramedics should be emotionally stable, have good dexterity, agility, and physical coordination, and be able to lift and carry heavy loads. They also need good eyesight (corrective lenses may be used) with accurate color vision.

ENTRANCE REQUIREMENTS

Formal training and certification is needed to become an EMT or paramedic. All 50 states possess a certification procedure. In 38 states and the District of Columbia, registration with the National Registry of Emergency Medical Technicians (NREMT) is required at some or all levels of certification. Other states administer their own certification examination or provide the option of taking the NREMT examination. To maintain certification, EMTs and paramedics must re-register, usually every two years. In order to re-register, an individual must be working as an EMT or paramedic and meet a continuing education requirement.

EDUCATIONAL REQUIREMENTS

Training is offered at progressive levels: EMT-Basic, also known as EMT-1; EMT-Intermediate, or EMT-2 and EMT-3; and EMT-paramedic, or EMT-4. The EMT-Basic represents the first level of skills required to work in the emergency medical system. Coursework typically emphasizes emergency skills such as managing respiratory, trauma, and cardiac emergencies and patient assessment. Formal courses are often combined with time in an emergency room or ambulance. The program also provides instruction and practice in dealing with bleeding, fractures, airway obstruction, cardiac arrest, and emergency childbirth. Students learn to use and maintain common emergency equipment, such as backboards, suction devices, splints, oxygen delivery systems, and stretchers. Graduates of approved EMT basic training programs who pass a written and practical examination administered by the state certifying agency or the NREMT earn the title of Registered EMT-Basic. The course also is a prerequisite for EMT-Intermediate and EMT-Paramedic training.

EMT-Intermediate training requirements vary from state to state. Applicants can opt to receive training in EMT-Shock Trauma, where the caregiver learns to start intravenous fluids and give certain medications, or in EMT-Cardiac, which includes learning heart rhythms and administering advanced medications. Training commonly includes 35 to 55 hours of additional instruction beyond EMT-Basic coursework and covers patient assessment, as well as the use of advanced airway devices and intravenous fluids. Prerequisites for taking the EMT-Intermediate examination include registration as an EMT-Basic, required classroom work, and a specified amount of clinical experience.

The most advanced level of training for this occupation is EMT-Paramedic. At this level, the caregiver receives additional training in body function and more advanced skills. The Paramedic Technology program usually lasts up to two years and results in an associate degree in applied science. Such education prepares the graduate to take the NREMT examination and become certified as an EMT-Paramedic. Extensive related coursework and clinical and field experience is required. Due to the longer training requirement, almost all EMT-Paramedics are in paid positions. Refresher courses and continuing education is available for EMTs and paramedics at all levels.

Please refer to "Section 4" for specific education and training institutions and their requirements.



RADIATION THERAPIST

DESCRIPTION OF WORK

Radiation therapists administer radiation treatments to patients using a planned design to treat cancers in the body that have been previously diagnosed. The progressive improvement in the technology has led to a gradual increase in both cognitive abilities and general knowledge necessary to perform the tasks.

WHERE EMPLOYED

Radiation therapists are highly skilled medical specialists educated in physics, radiation safety, patient anatomy and patient care. They typically see their patients three to five days a week throughout a four-to-seven-week treatment plan in cancer treatment centers or radiation oncology departments in hospitals.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Radiation therapists must like to work with patients and people, especially with those facing difficult times. One must like technology and feel comfortable with computers and big equipment and must feel comfortable in a high-tech high-touch combination environment. Because there is a lot of autonomy in therapy, one must also have a high quotient of integrity – there is no "cutting corners." One must be detail-oriented and aware that the very best is being done for the patient at all times.

ENTRANCE REQUIREMENTS

The increase in the role requirements caused the professional organization, American Registry of Radiation Therapy (ARRT), to support a minimum requirement of a bachelor's degree for entry into the field. Although many programs now offer a bachelor's degree, no mandate by ARRT has been approved. To practice as a radiation therapist one must complete an accredited radiation therapy program and pass the national radiation therapy exam offered by ARRT. Accredited programs are accredited by the Joint Review Committee on Education in Radiologic Technology (JRCERT). More information on accredited programs can be found by going to www.jrcert.org.

EDUCATIONAL REQUIREMENTS

There are bachelor's, associates, and certificate programs offered throughout the United States. Bachelor's programs are either four-year courses of study usually affiliated with or offered through an academic medical center. Other bachelor's level affiliated programs where students take either one or two years of prerequisites and complete the last one or two years in an accredited radiation therapy program affiliated with the college or university. Some community colleges offer an associate's radiation therapy degree program. Many of the associate's degree programs and the one-year certificate programs require one be a registered radiographer to enter the program.

Please refer to "Section 4" for specific education and training institutions and their requirements.



DIAGNOSTIC RADIOLOGIC TECHNOLOGIST

DESCRIPTION OF WORK

Diagnostic radiologic technologists and technicians take x-rays and administer non-radioactive materials into patients' bloodstreams for diagnostic purposes. Some specialize in diagnostic imaging technologies such as computed tomography (CT) and magnetic resonance imaging (MRI).

Diagnostic radiologic technologists and technicians, also referred to as radiographers, produce x-ray films (radiographs) of parts of the human body for use in diagnosing medical problems. They prepare patients for radiologic examinations by explaining the procedure, removing articles such as jewelry, through which x-rays cannot pass, and positioning patients so that the parts of the body can be appropriately radiographed. To prevent unnecessary radiation exposure, they surround the exposed area with radiation protection devices, such as lead shields, or limit the size of the x-ray beam. Radiographers position radiographic equipment at the correct angle and height over the appropriate area of a patient's body. Using instruments similar to a measuring tape, they may measure the thickness of the section to be radiographed and set controls on the x-ray machine to produce radiographs of the appropriate density, detail, and contrast. They place the x-ray film under the part of the patient's body to be examined and make the exposure. They then remove the film and develop it.

Experienced radiographers may perform more complex imaging procedures. For fluoroscopies, radiographers prepare a solution of contrast medium for the patient to drink, allowing the radiologist, a physician who interprets radiographs, to see soft tissues in the body. Some radiographers, called *CT technologists*, operate computerized tomography scanners to produce cross sectional images of patients. Others operate machines using strong magnets and radio waves rather than radiation to create an image and are called *magnetic resonance imaging (MRI) technologists*.

Diagnostic radiologic technologists and technicians must follow physicians' orders precisely and conform to regulations concerning use of radiation to protect themselves, their patients, and coworkers from unnecessary exposure.

In addition to preparing patients and operating equipment, diagnostic radiologic technologists and technicians keep patient records and adjust and maintain equipment. They also may prepare work schedules, evaluate equipment purchases, or manage a radiology department.

WHERE EMPLOYED

About one in five worked part-time. More than half of all jobs are in hospitals. Most of the rest are in physicians' offices and clinics, including diagnostic imaging centers.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Diagnostic radiologic technologists and technicians should be sensitive to patients' physical and psychological needs. They must pay attention to detail, follow instructions, and work as part of a team. In addition, operating complicated equipment requires mechanical ability and manual dexterity.

ENTRANCE REQUIREMENTS

Preparation for this profession is offered in hospitals, colleges and universities, vocational-technical institutes, and the U.S. Armed Forces. Hospitals, which employ most diagnostic radiologic technologists and technicians, prefer to hire those with formal training. A bachelor's or master's degree in one of the diagnostic radiologic technologies is desirable for supervisory, administrative, or teaching positions.

EDUCATIONAL REQUIREMENTS

Formal training programs in radiography range in length from two to four years and lead to a certificate, associate's degree, or bachelor's degree. Two-year associate's degree programs are most prevalent. Radiography programs require, at a minimum, a high school diploma or the equivalent. High school courses in mathematics, physics, chemistry, and biology are helpful. The programs provide both classroom and clinical instruction in anatomy and physiology, patient care procedures, radiation physics, radiation protection, principles of imaging, medical terminology, positioning of patients, medical ethics, radiobiology, and pathology. Some one-year certificate programs are available for experienced radiographers or individuals from other health occupations, such as medical technologists and registered nurses, who want to change fields or specialize in computerized tomography or magnetic resonance imaging.

Please refer to "Section 4" for specific education and training institutions and their requirements.



NUCLEAR MEDICINE TECHNOLOGIST

DESCRIPTION OF WORK

In nuclear medicine, radionuclides—unstable atoms that emit radiation spontaneously—are used to diagnose and treat disease. Radionuclides are purified and compounded like other drugs to form radiopharmaceuticals. Nuclear medicine technologists administer these radiopharmaceuticals to patients and then monitor the characteristics and functions of tissues or organs in which they localize. Abnormal areas show higher or lower concentrations of radioactivity than normal.

Nuclear medicine technologists operate cameras that detect and map the radioactive drug in the patient's body to create an image on photographic film or a computer monitor. Radiologic technologists and technicians also operate diagnostic imaging equipment, but their equipment creates an image by projecting an x-ray through the patient.

Nuclear medicine technologists explain test procedures to patients. They prepare a dosage of the radiopharmaceutical and administer it by mouth, injection, or other means. When preparing radiopharmaceuticals, technologists adhere to safety standards that keep the radiation dose to workers and patients as low as possible.

Technologists position patients and start a gamma scintillation camera, or "scanner," which creates images of the distribution of a radiopharmaceutical as it localizes in and emits signals from the patient's body. Technologists produce the images on a computer screen or on film for a physician to interpret. Some nuclear medicine studies, such as cardiac function studies, are processed with the aid of a computer.

Nuclear medicine technologists also perform radioimmunoassay studies that assess the behavior of a radioactive substance inside the body. For example, technologists may add radioactive substances to blood or serum to determine levels of hormones or therapeutic drug content.

Technologists keep patient records and record the amount and type of radionuclides received, used, and disposed of.

WHERE EMPLOYED

About two-thirds of all jobs were in hospitals. The rest were in physicians' offices and clinics, including diagnostic imaging centers.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Nuclear medicine technologists should be sensitive to patients' physical and psychological needs. They must pay attention to detail, follow instructions, and work as part of a team. In addition, operating complicated equipment requires mechanical ability and manual dexterity. Because technologists are on their feet much of the day and may lift or turn disabled patients, physical stamina is important.

ENTRANCE REQUIREMENTS

A certificate, associate's degree, or bachelor's degree from a hospital, community college, or university is required to work in nuclear medicine technology.

EDUCATIONAL REQUIREMENTS

Nuclear medicine technology programs range in length from one to four years and lead to a certificate, associate's degree, or bachelor's degree. Generally, certificate programs are offered in hospitals, associate programs in community colleges, and bachelor's programs in four-year colleges and in universities. Courses cover physical sciences, the biological effects of radiation exposure, radiation protection and procedures, the use of radiopharmaceuticals, imaging techniques, and computer applications.

One-year certificate programs are for health professionals, especially radiologic technologists and diagnostic medical sonographers, who wish to specialize in nuclear medicine. They also attract medical technologists, registered nurses, and others who wish to change fields or specialize. Others interested in the nuclear medicine technology field have three options: A two-year certificate program, a two-year associate program, or a four-year bachelor's program.

Please refer to "Section 4" for specific education and training institutions and their requirements.



DIAGNOSTIC MEDICAL SONOGRAPHER

DESCRIPTION OF WORK

Diagnostic imaging embraces several procedures that aid in diagnosing ailments, the most familiar being the x-ray. Another increasingly common diagnostic imaging method, called magnetic resonance imaging (MRI), uses giant magnets and radio waves rather than radiation to create an image. Not all imaging technologies use ionizing radiation or radio waves, however. Sonography, or ultrasonography, is the use of sound waves to generate an image used for assessment and diagnosis of various medical conditions. Many people associate sonography with obstetrics and the viewing of the fetus in the womb. But this technology has many other applications in the diagnosis and treatment of medical conditions.

Diagnostic medical sonographers, also known as ultrasonographers, use special equipment to direct non-ionizing, high frequency sound waves into areas of the patient's body. Sonographers operate the equipment, which collects reflected echoes and forms an image that may be videotaped, transmitted, or photographed for interpretation and diagnosis by a physician.

Sonographers begin by explaining the procedure to the patient and recording any additional medical history that may be relevant to the condition being viewed. They then select appropriate equipment settings and direct the patient to move into positions that will provide the best view. To perform the exam, sonographers use a transducer, which transmits sound waves in a cone- or rectangle-shaped beam. Although techniques vary based on the area being examined, sonographers usually spread a special gel on the skin to aid the transmission of sound waves.

Viewing the screen during the scan, sonographers look for subtle visual cues that contrast healthy areas from unhealthy ones. They decide whether the images are satisfactory for diagnostic purposes and select which ones to show to the physician.

Diagnostic medical sonographers may specialize in obstetric and gynecologic sonography (the female reproductive system), abdominal sonography (the liver, kidneys, gallbladder, spleen, and pancreas), neurosonography (the brain), or ophthalmologic sonography (the eyes). In addition, sonographers also may specialize in vascular technology or echocardiography.

WHERE EMPLOYED

More than half of all sonographer jobs are in hospitals. Most of the rest are in physicians' offices and clinics, primarily in offices specializing in obstetrics and in diagnostic imaging centers. According to the 2000 Sonography Benchmark Survey conducted by the Society of Diagnostic Medical Sonographers (SDMS), about three out of four sonographers worked in urban areas.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Sonographers need good communication and interpersonal skills because they must be able to explain technical procedures and results to their patients, some of whom may be nervous about the exam or the problems it may reveal. They also should have some background in math and science, especially when they must perform mathematical and scientific calculations in analyses for diagnosis.

ENTRANCE REQUIREMENTS

An associate's or bachelor's degree from an accredited college or university is required to work in diagnostic medical sonography.

EDUCATIONAL REQUIREMENTS

Colleges and universities offer formal training in both two- and four-year programs, culminating in an associate or bachelor's degree. Two-year programs are most prevalent. Course work includes classes in anatomy, physiology, instrumentation, basic physics, patient care, and medical ethics. The Joint Review Committee on Education for Diagnostic Medical Sonography accredits most formal training programs—76 programs in 1999. Some training programs prefer applicants with a background in science or experience in other health professions but also will consider high school graduates with courses in math and science, as well as applicants with liberal arts backgrounds. *Please refer to "Section 4" for specific education and training institutions and their requirements.*



MEDICAL TECHNOLOGIST

DESCRIPTION OF WORK

Clinical laboratory testing plays a crucial role in the detection, diagnosis, and treatment of disease. Clinical laboratory personnel examine and analyze body fluids, tissues, and cells. They look for bacteria, parasites, and other microorganisms; analyze the chemical content of fluids; match blood for transfusions; and test for drug levels in the blood to show how a patient is responding to treatment. These technologists also prepare specimens for examination, count cells, and look for abnormal cells. They use automated equipment and instruments capable of performing a number of tests simultaneously, as well as microscopes, cell counters, and other sophisticated laboratory equipment. Then, they analyze the results and relay them to physicians. With increasing automation and the use of computer technology, the work of technologists and technicians has become less hands-on and more analytical. The complexity of tests performed, the level of judgment needed, and the amount of responsibility workers assume depend largely on the amount of education and experience they have.

Medical technologists (also referred to as clinical laboratory technologists) perform complex chemical, biological, hematological, immunologic, microscopic, and bacteriological tests. Technologists microscopically examine blood, tissue, and other body substances. They make cultures of body fluid and tissue samples to determine the presence of bacteria, fungi, parasites, or other microorganisms. They analyze samples for chemical content or reaction and determine blood glucose and cholesterol levels. They also type and cross match blood samples for transfusions. Medical and clinical laboratory technologists evaluate test results, develop and modify procedures, and establish and monitor programs to ensure the accuracy of tests. Some medical technologists supervise medical laboratory technicians.

Technologists in small laboratories perform many types of tests, whereas those in large laboratories generally specialize. Some of the specializations technologists may choose include clinical chemistry, microbiology, immunohematology technology (blood bank technology), immunology, cytotechnology, and molecular biology.

WHERE EMPLOYED

About half work in hospitals with others in medical laboratories or offices and clinics of physicians. A small number work in blood banks, research and testing laboratories, and at U.S. Department of Veterans Affairs hospitals and U.S. Public Health Service facilities.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Clinical laboratory personnel need good analytical judgment and problem-solving abilities, computer skills, and the ability to work under pressure. Close attention to detail can be crucial for quality patient care. Manual dexterity and normal color vision are highly desirable.

ENTRANCE REQUIREMENTS

The usual requirement for an entry-level position as a medical laboratory technologist is a bachelor's degree with a major in medical technology or in one of the life sciences. Universities and hospitals offer medical technology programs. It also is possible to qualify through a combination of education, on-the-job, and specialized training.

Medical laboratory technicians generally have either an associate's degree from a community or junior college or a certificate from a hospital, vocational or technical school, or from one of the U.S. Armed Forces. A few technicians learn their skills on the job.

EDUCATIONAL REQUIREMENTS

Bachelor's degree programs in medical technology include all of the courses that a medical technician program would include, in addition to advanced courses in chemistry, biological sciences, microbiology, mathematics, statistics, and specialized courses devoted to knowledge and skills used in the clinical laboratory. Many programs also offer or require additional courses in management, business, and computer applications. The courses for a medical technologist prepare one to possess, in addition to the skills of a laboratory technician, complex analyses, fine-line discrimination, and error correction. Entry into the clinical portion of these four-year programs generally includes college courses and credits in general chemistry, general biological sciences, organic or biochemistry, microbiology, immunology, and mathematics.

Associate degree programs for medical technicians are conducted in junior or community colleges, hospitals, vocational or technical schools, or through part of the U.S. Armed Forces. Courses for medical technicians include laboratory testing procedures, basic laboratory mathematics, computer technology, communication skills, interpersonal relationships, and social responsibilities. Technical instruction includes procedures in hematology, microbiology, immunohematology, immunology, clinical chemistry, and urinalysis. The Clinical Laboratory Improvement Act (CLIA) requires technologists who perform certain highly complex tests to have at least an associate's degree. A high school diploma or equivalent is typically required for entry into programs of this type.

Please refer to "Section 4" for specific education and training institutions and their requirements.



MEDICAL LABORATORY TECHNICIAN

DESCRIPTION OF WORK

Clinical laboratory testing plays a crucial role in the detection, diagnosis, and treatment of disease. Clinical laboratory personnel examine and analyze body fluids, tissues, and cells. They look for bacteria, parasites, and other microorganisms; analyze the chemical content of fluids; match blood for transfusions; and test for drug levels in the blood to show how a patient is responding to treatment. These technologists also prepare specimens for examination, count cells, and look for abnormal cells. They use automated equipment and instruments capable of performing a number of tests simultaneously, as well as microscopes, cell counters, and other sophisticated laboratory equipment. Then, they analyze the results and relay them to physicians. With increasing automation and the use of computer technology, the work of technologists and technicians has become less hands-on and more analytical. The complexity of tests performed, the level of judgment needed, and the amount of responsibility workers assume depend largely on the amount of education and experience they have.

Medical laboratory technicians (also referred to as clinical laboratory technicians) perform less complex tests and laboratory procedures than technologists. Technicians may prepare specimens and operate automated analyzers, for example, or they may perform manual tests following detailed instructions. They may work in several areas of the clinical laboratory or specialize in just one. They usually work under the supervision of medical laboratory technologists or laboratory managers.

WHERE EMPLOYED

About half work in hospitals with others in medical laboratories or offices and clinics of physicians. A small number work in blood banks, research and testing laboratories, and at U.S. Department of Veterans Affairs hospitals and U.S. Public Health Service facilities.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Clinical laboratory personnel need good analytical judgment and problem-solving abilities, computer skills, and the ability to work under pressure. Close attention to detail can be crucial for quality patient care. Manual dexterity and normal color vision are highly desirable.

ENTRANCE REQUIREMENTS

Medical laboratory technicians generally have either an associate's degree from a community or junior college or a certificate from a hospital, vocational or technical school, or from one of the U.S. Armed Forces. A few technicians learn their skills on the job.

EDUCATIONAL REQUIREMENTS

Associate degree programs for medical technicians are conducted in junior or community colleges, hospitals, vocational or technical schools, or through part of the U.S. Armed Forces. Courses for medical technicians include laboratory testing procedures, basic laboratory mathematics, computer technology, communication skills, interpersonal relationships, and social responsibilities. Technical instruction includes procedures in hematology, microbiology, immunohematology, immunology, clinical chemistry, and urinalysis. The Clinical Laboratory Improvement Act (CLIA) requires technologists who perform certain highly complex tests to have at least an associate's degree. A high school diploma or equivalent is typically required for entry into programs of this type. *Please refer to "Section 4" for specific education and training institutions and their requirements.*





PHLEBOTOMIST

DESCRIPTION OF WORK

Clinical laboratory testing plays a crucial role in the detection, diagnosis, and treatment of disease. Clinical laboratory personnel examine and analyze body fluids, tissues, and cells. They look for bacteria, parasites, and other microorganisms; analyze the chemical content of fluids; match blood for transfusions; and test for drug levels in the blood to show how a patient is responding to treatment. These technologists also prepare specimens for examination, count cells, and look for abnormal cells. They use automated equipment and instruments capable of performing a number of tests simultaneously, as well as microscopes, cell counters, and other sophisticated laboratory equipment. Then, they analyze the results and relay them to physicians. With increasing automation and the use of computer technology, the work of technologists and technicians has become less hands-on and more analytical. The complexity of tests performed, the level of judgment needed, and the amount of responsibility workers assume depend largely on the amount of education and experience they have.

Phlebotomists are one type of medical laboratory technician. *Phlebotomists* collect blood samples. Only a tiny percentage of medical technicians are phlebotomists. The phlebotomist is a vital member of the medical laboratory team whose primary function is the collection of blood samples from patients by venipuncture or microtechniques. The phlebotomist facilitates the collection and transportation of laboratory specimens and is often the patient's only contact with the medical laboratory. The need to assure quality and patient safety mandates strict professional behavior and standards of practice for these practitioners. The phlebotomist may aid in the collection and transportation of other laboratory specimens and may also be involved with patient data entry. A phlebotomist may also draw blood for transfusions, donations, and research.

Responsibilities and duties differ by doctor office, hospital and laboratory.

WHERE EMPLOYED

About half work in hospitals with others in medical laboratories or offices and clinics of physicians. A small number work in blood banks, research and testing laboratories, and at U.S. Department of Veterans Affairs hospitals and U.S. Public Health Service facilities.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Clinical laboratory personnel, including phlebotomists, need good analytical judgment and problem-solving abilities, computer skills, and the ability to work under pressure. Close attention to detail can be crucial for quality patient care. Manual dexterity and normal color vision are highly desirable. Phlebotomists must like challenge and responsibility. They must be able to deal with patients and be able to calm patients.

Safety is key and all safety precautions must be taken to prevent the transmission of infectious diseases.

ENTRANCE REQUIREMENTS

Must have a high school diploma or G.E.D. with completion of an approved phlebotomy training program (see below). Phlebotomy training is typically offered at junior or community colleges, hospitals, medical laboratories, proprietary schools, and other equivalent postsecondary educational institutions or through on-the-job training and/or through certification from one of several associations (including the National Phlebotomy Association or the American Society of Clinical Pathologists).

Some states require laboratory personnel to be licensed or registered, though most do not. Information on licensure is available from state departments of health or boards of occupational licensing. Certification is a voluntary process by which a nongovernmental organization, such as a professional society or certifying agency, grants recognition to an individual whose professional competence meets prescribed standards.

Widely accepted by employers in the health industry, certification is a prerequisite for most jobs and often is necessary for advancement. Agencies certifying phlebotomists include the National Phlebotomy Association or the American Society of Clinical Pathologists. Employers prefer to hire experienced workers and may prefer certified applicants who have passed a national examination, indicating that the phlebotomist meets certain standards of competence.



EDUCATIONAL REQUIREMENTS

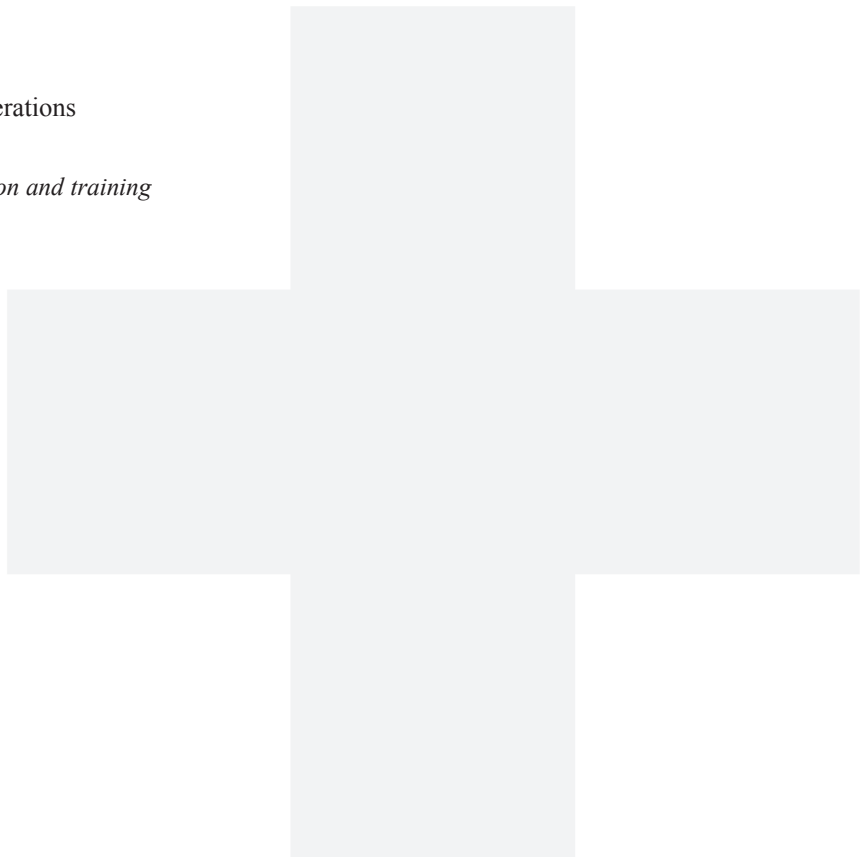
Phlebotomists have a high school diploma and learn their skills through classroom (junior or community colleges, hospitals, medical laboratories, proprietary schools, and other equivalent postsecondary educational institutions) and on-the-job training and/or through certification from one of several associations (including the National Phlebotomy Association or the American Society of Clinical Pathologists). Approved programs contain at least 100 hours of clinical practicum and culminate in a postsecondary certificate.

The National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) approves 57 programs in phlebotomy and clinical assisting. Other nationally recognized accrediting agencies that accredit specific areas for clinical laboratory workers include the Commission on Accreditation of Allied Health Education Programs and the Accrediting Bureau of Health Education Schools.

Training programs for phlebotomy usually consists of both didactic instruction and clinical practice in the following:

- Obtaining blood samples
- Specimen Collection and Processing
- Time Management and Assignment Organization
- Professional Communications
- Clerical Skills and Duties
- Safety Standards and Procedures
- Legal, Ethical, and Professional Considerations
- Terminology, Anatomy, and Physiology

Please refer to "Section 4" for specific education and training institutions and their requirements.





DENTAL HYGIENIST

DESCRIPTION OF WORK

Dental hygienists remove soft and hard deposits from teeth, teach patients how to practice good oral hygiene, and provide other preventive dental care. Hygienists examine patients' teeth and gums, recording the presence of diseases or abnormalities. They remove calculus, stains, and plaque from teeth; take and develop dental x-rays; and apply cavity-preventive agents such as fluorides and pit and fissure sealants. In some states, hygienists administer anesthetics; place and carve filling materials, temporary fillings, and periodontal dressings; remove sutures; perform root-planing as a periodontal therapy; and smooth and polish metal restorations. Although hygienists may not diagnose diseases, they can prepare clinical and laboratory diagnostic tests for the dentist to interpret. Hygienists sometimes work chair-side with the dentist during treatment.

Dental hygienists also help patients develop and maintain good oral health. For example, they may explain the relationship between diet and oral health or even the link between oral health and such serious conditions as heart disease and strokes. They also inform patients how to select toothbrushes and show them how to brush and floss their teeth.

Dental hygienists use hand and rotary instruments and ultrasonics to clean and polish teeth, x-ray machines to take dental pictures, syringes with needles to administer local anesthetics, and models of teeth to explain oral hygiene.

WHERE EMPLOYED

Almost all dental hygienists work in private dental offices. Some work in public health agencies, hospitals, and clinics. *Please refer to "Section 6" for directory of specific employers.*

PERSONAL QUALIFICATIONS

Dental hygienists should work well with others and must have good manual dexterity because they use dental instruments within a patient's mouth, with little room for error. High school students interested in becoming a dental hygienist should take courses in biology, chemistry, and mathematics.

ENTRANCE REQUIREMENTS

Dental hygienists must be licensed by the state in which they practice. To qualify for licensure, a candidate must graduate from an accredited dental hygiene school and pass both a written and clinical examination. The American Dental Association Joint Commission on National Dental Examinations administers the written examination accepted by all states and the District of Columbia. State or regional testing agencies administer the clinical examination. In addition, most states require an examination on legal aspects of dental hygiene practice. Alabama allows candidates to take its examinations if they have been trained through a state-regulated on-the-job program in a dentist's office.

An associate's degree is sufficient for practice in a private dental office. A bachelor's or master's degree usually is required for research, teaching, or clinical practice in public or school health programs.

EDUCATIONAL REQUIREMENTS

About half of the dental hygiene programs prefer applicants who have completed at least one year of college. However, requirements vary from one school to another. Schools offer laboratory, clinical, and classroom instruction in subjects such as anatomy, physiology, chemistry, microbiology, pharmacology, nutrition, radiography, histology (the study of tissue structure), periodontology (the study of gum diseases), pathology, dental materials, clinical dental hygiene, and social and behavioral sciences.

Dental hygiene education programs lead to either an associate's degree or bachelor's degree depending on the goals of the student. For practice in a private dental office, an associate's degree is usually adequate. For research, teaching, or clinical practice in public or school health programs, a bachelor's (or master's where available) degree is usually required.

Please refer to "Section 4" for specific education and training institutions and their requirements.



DENTAL ASSISTANT

DESCRIPTION OF WORK

Dental assistants perform a variety of patient care, office, and laboratory duties. They work chair-side as dentists examine and treat patients. They make patients as comfortable as possible in the dental chair, prepare them for treatment, and obtain dental records. Assistants hand instruments and materials to dentists and keep patients' mouths dry and clear by using suction or other devices. Assistants also sterilize and disinfect instruments and equipment, prepare tray setups for dental procedures, and instruct patients on postoperative and general oral health care.

Some dental assistants prepare materials for making impressions and restorations, expose radiographs, and process dental x-ray film as directed by a dentist. They also may remove sutures, apply anesthetics to gums or cavity-preventive agents to teeth, remove excess cement used in the filling process, and place rubber dams on the teeth to isolate them for individual treatment.

Those with laboratory duties make casts of the teeth and mouth from impressions taken by dentists, clean and polish removable appliances, and make temporary crowns. Dental assistants with office duties schedule and confirm appointments, receive patients, keep treatment records, send bills, receive payments, and order dental supplies and materials.

WHERE EMPLOYED

Virtually all dental assistants work in a private dental office. A small number work in dental schools, private and government hospitals, or state and local public health departments and clinics.

Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

Assistants must be a dentist's "third hand"; therefore, dentists look for people who are reliable, can work well with others, and have good manual dexterity.

ENTRANCE REQUIREMENTS

Most assistants learn their skills on the job, though some are trained in dental assisting programs offered by community and junior colleges, trade schools, technical institutes, or the Armed Forces.

EDUCATIONAL REQUIREMENTS

The American Dental Association's Commission on Dental Accreditation approved 248 dental assisting training programs in 2000. Programs include classroom, laboratory, and preclinical instruction in dental assisting skills and related theory. In addition, students gain practical experience in dental schools, clinics, or dental offices. Most programs take one year or less to complete and lead to a certificate or diploma. Two-year programs offered in community and junior colleges lead to an associate's degree. All programs require a high school diploma or its equivalent, and some require a typing or science course for admission. High school students interested in a career as a dental assistant should take courses in biology, chemistry, health, and office practices. Some private vocational schools offer four- to six-month courses in dental assisting, but the Commission on Dental Accreditation does not accredit these.

Please refer to "Section 4" for specific education and training institutions and their requirements.





DENTAL LABORATORY TECHNICIAN

DESCRIPTION OF WORK

Dental laboratory technicians fill prescriptions from dentists for crowns, bridges, dentures, and other dental prosthetics. First, dentists send a specification of the item to be fabricated along with an impression (mold) of the patient's mouth or teeth. Then, dental laboratory technicians, also called dental technicians, create a model of the patient's mouth by pouring plaster into the impression and allowing it to set. Next, they place the model on an apparatus that mimics the bite and movement of the patient's jaw. The model serves as the basis of the prosthetic device. Technicians examine the model, noting the size and shape of the adjacent teeth, as well as gaps within the gumline. Based upon these observations and the dentist's specifications, technicians build and shape a wax tooth or teeth model, using small hand instruments called wax spatulas and wax carvers. They use this wax model to cast the metal framework for the prosthetic device.

After the wax tooth has been formed, dental technicians pour the cast and form the metal and, using small hand-held tools, prepare the surface to allow the metal and porcelain to bond. They then apply porcelain in layers to arrive at the precise shape and color of a tooth. Technicians place the tooth in a porcelain furnace to bake the porcelain onto the metal framework and then adjust the shape and color with subsequent grinding and addition of porcelain to achieve a sealed finish. The final product is nearly an exact replica of the lost tooth or teeth.

In some laboratories, technicians perform all stages of the work, whereas in other labs, each technician does only a few. Dental laboratory technicians can specialize in one of five areas: orthodontic appliances, crowns and bridges, complete dentures, partial dentures, or ceramics. Job titles can reflect specialization in these areas.

WHERE EMPLOYED

Most jobs are in commercial dental laboratories, which usually are small, privately owned businesses with fewer than five employees. However, some laboratories are large; a few employ more than 50 technicians. Some dental laboratory technicians work in dentists' offices. Others work for hospitals providing dental services, including U.S. Department of Veterans Affairs' hospitals. Some technicians work in dental laboratories in their homes, in addition to their regular job.
Please refer to "Section 6" for directory of specific employers.

PERSONAL QUALIFICATIONS

A high degree of manual dexterity, good vision, and the ability to recognize very fine color shadings and variations in shape are necessary. An artistic aptitude for detailed and precise work also is important.

ENTRANCE REQUIREMENTS

Training in dental laboratory technology is available through community and junior colleges, vocational-technical institutes, and the Armed Forces. Formal training programs vary greatly both in length and in the level of skill they impart. Most dental laboratory technicians learn their craft on the job. They begin with simple tasks, such as pouring plaster into an impression, and progress to more complex procedures, such as making porcelain crowns and bridges. Becoming a fully trained technician requires an average of three to four years, depending upon the individual's aptitude and ambition, but it may take a few years more to become an accomplished technician.

EDUCATIONAL REQUIREMENTS

In 2000, the Commission on Dental Accreditation accredited 30 programs in dental laboratory technology in conjunction with the American Dental Association (ADA). These programs provide classroom instruction in dental materials science, oral anatomy, fabrication procedures, ethics, and related subjects. In addition, each student is given supervised practical experience in a school or an associated dental laboratory. Accredited programs normally take two years to complete and lead to an associate degree. High school students interested in becoming dental laboratory technicians should take courses in art, metal and wood shop, drafting, and sciences. Courses in management and business may help those wishing to operate their own laboratories. Many employers will train someone without any classroom experience.

Graduates of two-year training programs need additional hands-on experience to become fully qualified. Each dental laboratory owner operates in a different way, and classroom instruction does not necessarily expose students to techniques and procedures favored by individual laboratory owners. Students who have taken enough courses to learn the basics of the craft usually are considered good candidates for training, regardless of whether they have completed a formal program.

Please refer to "Section 4" for specific education and training institutions and their requirements.



HEALTH INFORMATION ADMINISTRATOR AND HEALTH INFORMATION TECHNICIAN

DESCRIPTION OF WORK

The health information management profession (HIM) is concerned primarily with the management of patient records and involves medical, administrative, ethical, and legal requirements in the storage and safekeeping of physical records. Patient records include medical histories, the results of physical examinations, reports of x-ray and laboratory tests, diagnosis and treatment plans, physicians' orders and notes, and other sources of information. Although the record is primarily used for the medical care of the patient, the information is also used for legal, financial, research, and other purposes.

The field has undergone significant change in recent years due to stricter reimbursement requirements, an expanded regulatory scope, new technologies, greater demand for information, and cost-containment mandates. In 1991, members of the American Medical Record Association adopted new nomenclature and became the American Health Information Management Association (AHIMA). The health information management field consists of **baccalaureate-degreed Health Information Administrators (HIA)**, also referred to as Health Information Managers, and **associate-degreed Health Information Technicians (HIT)**. These professions were previously known as medical records administrators and medical records technicians accordingly. There are currently eight certifications in the field of HIM – Registered Health Information Administrator (RHIA), Registered Health Information Technician (RHIT), Certified Coding Associate (CCA), Certified Coding Specialist (CCS), Certified Coding Specialist-Physician (CCS-P), Certified in Health care Privacy (CHP), Certified in Health care Security (CHS), and Certified in Health care Privacy and Security (CHPS).

HIAs are trained in data collection, interpretation, and analysis. They often serve as managers and participate in staffing, budgetary, and evaluation procedures. Some of the most common positions for these professionals are system manager, data quality manager, information security officer, college instructor, and consultant. As more facilities integrate patient records into the national health information infrastructure, HIAs will increasingly have roles that contribute to the computer based system of record keeping, data vital for patient care.

HITs ensure the quality of medical records by verifying their completeness, accuracy, and proper entry into the computer systems. They often specialize in coding 59 diagnoses for reimbursement and research. Common

position titles for these professionals are health information manager, health data analyst, insurance claims analyst, records technician specialist, clinical coding specialist, and patient information coordinator.

WHERE EMPLOYED

While hospitals are still one of the primary employers of health information professionals, HMOs, ambulatory care facilities, nursing homes, group practices, insurance agencies, accounting companies, and law firms also employ these personnel. Organizations not involved in direct care, such as insurance companies and health insurance agencies, employ medical records specialists to help set policy, analyze data, and evaluate provider performance. Other employers, such as contract agencies and consulting firms, supply medical records personnel to these institutions and organizations, usually on a temporary and intermittent basis. *Please refer to "Section 6" for directory of specific employers.*

PERSONAL QUALIFICATIONS

HIAs and HITs should have good data collection, interpretation, and analysis skills. They may serve as managers and participate in staffing, budgetary, and evaluation procedures, so management skills may also be important. Computer skills within this field are vital.

ENTRANCE REQUIREMENTS

An associate's degree and certificate are required for entry in the HIM field as a *health information technician*.

A bachelor's in health information technology and/or health information administration is needed for entry as a *health information administrator*. A master's degree in health information management or a related field, where available, may also lead to further career opportunities.

EDUCATIONAL REQUIREMENTS

Programs lead to either an associate's degree or certificate for those entering a health information technician program, while a bachelor's or master's degree is received for those participating in programs for health information administrators. Courses in general allied health, computer science or other technology courses, management, accounting, finance, and other business courses are typical for degree programs in health information management. Some schools require volunteer hours in a health information management role prior to entry into the educational program. *Please refer to "Section 4" for specific education and training institutions and their requirements.*



MEDICAL TRANSCRIPTIONIST

DESCRIPTION OF WORK

Medical transcriptionists, also called medical transcribers and medical stenographers, listen to dictated recordings made by physicians and other health care professionals and transcribe them into medical reports, correspondence, and other administrative material. They generally listen to recordings on a special headset, using a foot pedal to pause the recording when necessary, and key the text into a personal computer or word processor, editing as necessary for grammar and clarity. The documents they produce include discharge summaries, history and physical examination reports, operating room reports, consultation reports, autopsy reports, diagnostic imaging studies, and referral letters. Medical transcriptionists return transcribed documents to the dictator for review and signature or correction. These documents eventually become part of patients' permanent files.

To understand and accurately transcribe dictated reports into a format that is clear and comprehensible for the reader, medical transcriptionists must understand medical terminology, anatomy and physiology, diagnostic procedures, and treatment. They also must be able to translate medical jargon and abbreviations into their expanded forms. To help identify terms appropriately, transcriptionists refer to standard medical reference materials—both printed and electronic; some of these are available over the Internet. Medical transcriptionists must comply with specific standards that apply to the style of medical records in addition to the legal and ethical requirements involved with keeping patient records confidential.

Experienced transcriptionists spot mistakes or inconsistencies in a medical report and check back with the dictator to correct the information. Their ability to understand and correctly transcribe patient assessments and treatments reduces the chance of patients receiving ineffective or even harmful treatments and ensures high quality patient care.

Currently, most health care providers transmit dictation to medical transcriptionists using either digital or analog dictating equipment. With the emergence of the Internet, some transcriptionists receive dictation over the Internet and are able to quickly return transcribed documents to clients for approval. As confidentiality concerns are resolved, this practice will become more prevalent.

Another emerging trend is the implementation of speech recognition technology, which electronically translates sound into text and creates drafts of reports. Reports are then formatted; edited for mistakes in translation, punctuation, or grammar; and checked for consistency and possible medical errors. Transcriptionists working in specialized areas with more standard terminology, such as radiology or pathology, are more likely to encounter speech recognition technology. However, use of speech recognition technology will become more widespread as the technology becomes more sophisticated.

Medical transcriptionists who work in physicians' offices and clinics may have other office duties, such as receiving patients, scheduling appointments, answering the telephone, and handling incoming and outgoing mail.

WHERE EMPLOYED

About two out of five worked in hospitals and about another two out of five in physicians' offices and clinics. Others worked for laboratories, colleges and universities, transcription services, and temporary help agencies. *Please refer to "Section 6" for directory of specific employers.*

PERSONAL QUALIFICATIONS

In addition to understanding medical terminology, transcriptionists must have good English grammar and punctuation skills, as well as familiarity with personal computers and word processing software. Normal hearing acuity and good listening skills also are necessary. Employers often require applicants to take pre-employment tests.

ENTRANCE REQUIREMENTS

Employers prefer to hire transcriptionists who have completed postsecondary training in medical transcription, offered by many vocational schools, community colleges, and distance-learning programs

EDUCATIONAL REQUIREMENTS

Completion of a two-year associate's degree or one-year certificate program—including coursework in anatomy, medical terminology, medico legal issues, and English grammar and punctuation—is highly recommended but not always required.

Please refer to "Section 4" for specific education and training institutions and their requirements.



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TRAINING AND EDUCATION



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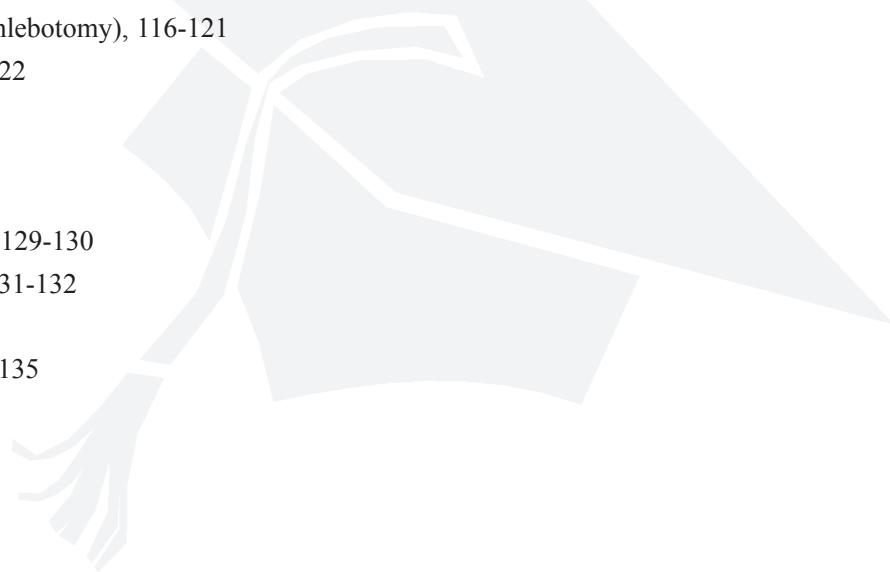
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INVENTORY OF PROGRAMS BY INSTITUTION



UNIVERSITIES AND COLLEGES (FOUR-YEAR)

BELMONT UNIVERSITY

www.belmont.edu

Program

O.T.D., M.S., Occupational Therapy

D.P.T., Doctorate Physical Therapy

B.S., Medical Imaging Technology

Pre-Occupational Therapy Program is also available. For further information on Pre-Occupational Therapy, contact Dennis Van Dykeany, (615) 460-6700.

CUMBERLAND UNIVERSITY

www.cumberland.edu/

Program

B.S., Athletic Training

DAVID LIPSCOMB UNIVERSITY

www.lipscomb.edu/

Program

B.S., Athletic Training

B.S., Dietetics

FISK UNIVERSITY

www.fisk.edu/

Program

Pre-Medical Technology

MEHARRY MEDICAL COLLEGE

www.mmc.edu/

Program

A.A.S., Dental Hygienist

B.S., Occupational Therapy

B.S., Health Care Administration and Planning

B.S., Health Information Management

B.S., Medical Technology

M.P.T., Physical Therapy

M.S., Speech Pathology and Audiology

MIDDLE TENNESSEE STATE UNIVERSITY

www.mtsu.edu

Program

B.S., Recreational Therapy

B.S., Medical Technology

B.S., Nuclear Medicine Technology

B.S., Radiation Therapy

B.S., Athletic Training

B.S., Dietetics, M.S. Human Sciences - Nutrition

Graduate Certificate Program, Gerontology – Dr. Ron Aday, raday@mtsu.edu or (615) 898-2693

Graduate Certificate Program, Health Care Management – Dr. Ron Aday, raday@mtsu.edu or (615) 898-2693

Pre-Professional Health Sciences Programs at Middle Tennessee State University:

Pre-Medical:

Dr. William Ilsley, wilsley@mtsu.edu

Pre-Dental:

Dr. Ngee Chong, nchong@mtsu.edu

Pre-Pharmacy:

Dr. Preston MacDougall, pmacdoug@mtsu.edu

Pre-Dental Hygiene:

Dr. Beng G. Ooi, bgooi@mtsu.edu

Pre-Physical Therapy:

Dr. Linda Wilson, lwilson@mtsu.edu

Pre-Occupational Therapy:

Dr. Nicole Welch, nwelch@mtsu.edu

Pre-Health Information Management:

Dr. Nicole Welch, nwelch@mtsu.edu

Pre-Cytotechnology:

Dr. Rebecca Seipelt, rseipelt@mtsu.edu

Pre-Medical Technology:

Dr. Anthony Farone, afarone@mtsu.edu

Pre-Radiation Therapy:

Dr. Andrew Burden, daburden@mtsu.edu

Pre-Nuclear Medicine:

Dr. Andrew Burden, daburden@mtsu.edu

For further information on any of the Pre-professional Health Sciences Programs, contact Jennifer Braswell (jbraswel@mtsu.edu) (615) 898-5465

TENNESSEE STATE UNIVERSITY

www.tnstate.edu

Program

A.A.S., B.S., Dental Hygiene
B.S., Cardio-Respiratory Care Sciences
B.S., Health Information Management
B.S., Medical Technology
B.S., Occupational Therapy (M.S. starting 2005)
M.P.T., Physical Therapy
B.S./M.S., Speech-Pathology/Audiology
B.S. Dietetics

TREVECCA NAZARENE UNIVERSITY

www.trevecca.edu

Program

B.S., Medical Technology

Master of Science in Medicine, Physician Assistant

VANDERBILT UNIVERSITY

www.vanderbilt.edu

Program

Ph.D., Hearing and Speech Sciences (Major in Audiology
or Speech-Language Pathology)
M.S., Speech-Language Pathology



COMMUNITY COLLEGES

NASHVILLE STATE TECHNICAL COMMUNITY COLLEGE

www.nsti.tec.tn.us/

Program

A.A.S., Occupational Therapy Assistant
Certificate, Surgical Technology

TENNESSEE TECHNOLOGY CENTER, DICKSON

www.dickson.tec.tn.us

Program

Certificate, Dental Assistant
Certificate, Surgical Technologist

TENNESSEE TECHNOLOGY CENTER, MURFREESBORO

www.murfreesboro.tec.tn.us/

Program

Certificate, Dental Assistant
Diploma, Surgical Technologist

Other:

Certificate, Pharmacy Tech

TENNESSEE TECHNOLOGY CENTER, NASHVILLE

www.nashville.tec.tn.us

Program

Certificate, Phlebotomy

Other:

Certificate, Dental Lab Tech
Certificate, Pharmacy Tech

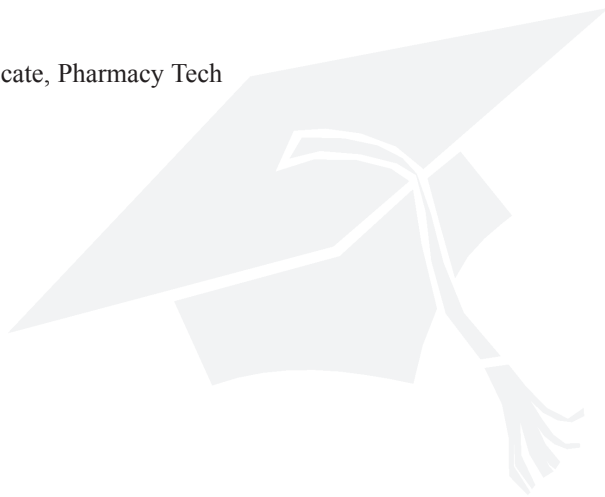
VOLUNTEER STATE COMMUNITY COLLEGE

www.vsc.ccc.tn.us/

Program

Certificate, Dental Assistant
Certificate, Medical Sonography
Certificate, EMT-Paramedic
A.A.S., Health Information Technology
A.A.S., Physical Therapy Assistant
A.A.S., Certificate Respiratory Care Technologists
A.A.S., Radiologic Technology
A.A.S., Medical Laboratory Technology

Certificate Programs at Volunteer State: MRI, CT, and
Mammography





HOSPITAL TRAINING PROGRAMS

NASHVILLE GENERAL HOSPITAL AT MEHARRY

www.nashville.gov/general_hospital/

Program

Certificate, Radiologic Technology

Other Programs:

Certificate, EKG/Cardiographic Technician

UNIVERSITY OF ST. FRANCIS

Program

Master of Science, Health Services Administration -

Offered on site in hospitals upon demand for allied health and nursing professionals.

VANDERBILT UNIVERSITY (THROUGH VANDERBILT HOSPITAL)

www.mc.vanderbilt.edu/alliedhealth/

Program

Certificate, Medical Technology

Certificate, Radiation Therapy

Certificate, Nuclear Medicine Technology

Certificate, Medical Sonography

Other:

Certificate, Perfusionist (Cardiovascular)

For further information on the Perfusionist program,

contact James J. Ramsey, J.D., C.C.P.

E-Mail: james.ramsey@vanderbilt.edu



PROPRIETARY SCHOOLS AND TRAINING INSTITUTES

DRAUGHONS JUNIOR COLLEGE

www.draughons.org/Pages/NV/NV_Home.htm

Program

Diploma, Health Information Technology

Diploma, Medical Assistant

HIGH TECH INSTITUTE

www.hightechinstitute.com/

Program

A.S., Dental Assistant

A.A.S., Medical Assistant

A.A.S., Surgical Technologist

A.A.S., Medical Billing and Coding

NASHVILLE COLLEGE OF MEDICAL CAREERS

www.Nashvillecollege.com

Program

Certificate, Medical Assistant

NATIONAL COLLEGE OF BUSINESS AND TECHNOLOGY

www.nationalbusiness.edu/

Program

A.A.S., Medical Assistant

Diploma, Medical Transcription

Diploma, Medical Billing and Coding

A.A.S., Health Information Technology

REMINGTON COLLEGE

www.remington.edu

Program

Medical Assisting

SOUTHEASTERN CAREER COLLEGE

www.southeasterncareercollege.com/

Program

Medical Assisting

TENNESSEE CAREER COLLEGE

www.tennesseeccareercollege.com/

Program

Certificate, Medical Transcription

Certificate, Medical Coding

UNIVERSITY OF PHOENIX, NASHVILLE

www.phoenix.edu/

Program

B.S., Health Administration

TRAINING INFORMATION

NURSING PROGRAMS



CERTIFIED NURSE ASSISTANT PROGRAMS

QUALITY CARE HEALTH CENTER

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

None available

Address (including which county):

932 Baddour Parkway

Lebanon, TN 37087

(Wilson County)

Office to contact for information:

Brenda Huffman

Phone number:

(615) 449-5170

Fax number:

None Available

Email address:

None Available

Prerequisites for entry into the program: None

Length of the program:

Three weeks

Degree or certification awarded:

Certificate of completion

WILSON COUNTY VOCATIONAL CENTER

Name of program:

Certified Nurse Assistant classes –
for high school students only

Type of program:

Certified Nurse Assistant

School or program website:

http://www.wcschools.com/wcv/default_wcvc.htm

Address (including which county):

418 Harding Drive

Lebanon, TN 37087

(Wilson County)

Office to contact for information:

Reception

Phone number:

(615) 444-1104

Fax number:

None available

Email address:

None available

Prerequisites for entry into the program:

Must be a high school student

Length of the program:

One semester

Degree or certification awarded:

Certificate of completion

COMMUNITY CARE OF RUTHERFORD COUNTY

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

ccrc901.org/

Address (including which county):

901 E. County Farm Road

Murfreesboro, TN 37130

(Rutherford County)

Office to contact for information:

Reception

Phone number:

(615) 893-2624

Fax number:

(615) 898-7989

Email address:

None Available

Prerequisites for entry into the program:

Must be eighteen, and have a criminal background check, abuse record check and reference check

Length of the program:

One forty hour work week and once passing the test, they will be hired.

Degree or certification awarded:

Certificate of completion

NHC HEALTHCARE, MURFREESBORO

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

None available

Address (including which county):

420 N. University St

Murfreesboro, TN 37130

(Rutherford County)

Office to contact for information:

Reception

Phone number:

(615) 893-2602

Fax number:

None available

Email address:

None available

Prerequisites for entry into the program:

None

Length of the program:

120 hours, three weeks

Degree or certification awarded:

Certificate of completion

NORTHSIDE HEALTH CARE CENTER

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.northsidehealthcare.com/Northside%20Home%20Page.htm

Address (including which county):

202 East MTCS Drive

Murfreesboro, TN 37130

(Rutherford County)

Office to contact for information:

Admissions

Phone number:

(615) 849-8748

Fax number:

(615) 849-3985

Email address:

northside@northsidehealthcare.com

Prerequisites for entry into the program:

None

Length of the program:

Two weeks

Degree or certification awarded:

Certificate of completion

TENNESSEE REHABILITATION CENTER NAT PROGRAM

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.state.tn.us/humanserv/trc.htm

Address (including which county):

460 Ninth Ave

Smyrna, TN 37167

(Rutherford County)

Office to contact for information:

Admissions

Phone number:

(615) 459-6811, ext. 219

Fax number:

(615) 355-1373

Email address:

susan.dorson@state.tn.us

Prerequisites for entry into the program:

None

Length of the program:

Two and one half weeks

Degree or certification awarded:

Certificate of completion

C.N.T. SCHOOLS, INC.

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

None available

Address (including which county):

2150 Murfreesboro Pike

Nashville, TN 37217

(Davidson County)

Office to contact for information:

Reception

Phone number:

(615) 360-3601

Fax number:

None available

Email address:

None available

Prerequisites for entry into the program:

None

Length of the program:

Three weeks

Degree or certification awarded:

Certificate of completion

MAPLEWOOD HIGH SCHOOL

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.nashville.k12.tn.us/maplewood/

Address (including which county):

401 Maplewood Lane

Nashville, TN 37216

(Davidson County)

Office to contact for information:

Main office

Phone number:

(615) 262-6623

Fax number:

(615) 262-6772

Email address:

None available

Prerequisites for entry into the program:

For high school students only

Length of the program:

One year

Degree or certification awarded:

Certificate of completion

LAKESHORE ESTATES (THE MEADOWS)

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.lakeshoreestates.org/page4.html

Address (including which county):

8044 Coley Davis Road

Nashville, TN 37221

(Davidson County)

Office to contact for information:

Reception

Phone number:

(615) 646-4466

Fax number:

None available

Email address:

kbarefield@lakeshoreestates.org

Prerequisites for entry into the program:

None

Length of the program:

Three weeks

Degree or certification awarded:

Certificate of completion

MCKENDREE VILLAGE, INC.

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.mckendree.com/index.htm

Address (including which county):

4347 Lebanon Road

Hermitage, TN 37076

(Davidson County)

Office to contact for information:

Main office

Phone number:

(615) 889-6990

Fax number:

None available

Email address:

allison.kuhar@mckendree.com

Prerequisites for entry into the program:

None

Length of the program:

Two and one half weeks

Degree or certification awarded:

Certificate of completion

NURSING ASSISTANT TRAINING SPECIALISTS

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

None available

Address (including which county):

212 Pavilion Boulevard

Nashville TN 37217

(Davidson County)

Office to contact for information:

Main office

Phone number:

(615) 360-7880

Fax number:

None available

Email address:

None available

Prerequisites for entry into the program:

None

Length of the program:

Two and one half weeks

Degree or certification awarded:

Certificate of completion

ST. THOMAS HOSPITAL HEALTH SERVICES

Name of program:

Patient Care Technician training

Type of program:

Certified Nurse Assistant

School or program website:

www.saintthomas.org

Address (including which county):

4220 Harding Road

Nashville, TN 37202

(Davidson County)

Office to contact for information:

Education

Phone number:

(615) 222-6722

Fax number:

(615) 222-6869

Email address:

JCLEND@stthomas.org

Prerequisites for entry into the program:

Two years college or three years of employment in healthcare setting

Length of the program:

Five weeks

Degree or certification awarded:

Certificate of completion and become a Saint Thomas employee

PRIORITY HOSPICE CARE, INC.

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website: www.priorityhospice.com/

Address (including which county):

619 Woodland Street

Nashville, TN 37206

(Davidson County)

Office to contact for information:

Main office

Phone number:

(615) 228-1161

Fax number:

None available

Email address:

Info@priorityhospice.com

Prerequisites for entry into the program:

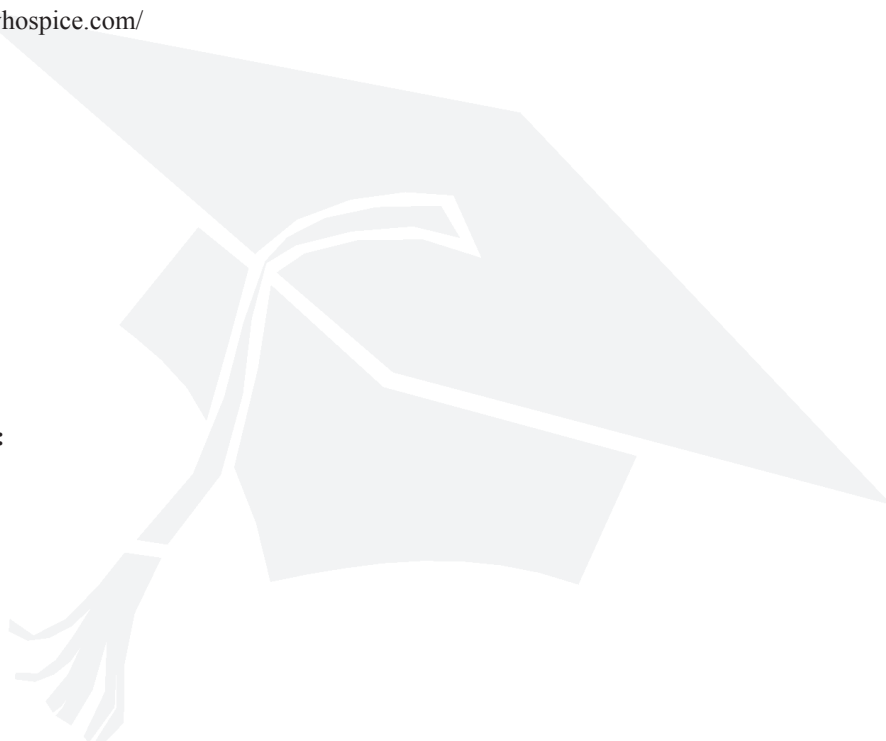
None

Length of the program:

Three weeks

Degree or certification awarded:

Certificate of completion



TENNESSEE TECHNOLOGY CENTER AT NASHVILLE

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.nashville.tec.tn.us/Certified_Nursing_Assistant_Program.htm

Address (including which county):

100 White Bridge Road

Nashville, TN 37209

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 741-1241

Fax number:

(615) 356-0187

Email address:

BHarper@nashville.tec.tn.us

Prerequisites for entry into the program:

Must be at least 18 years of age, provide a high school transcript or GED equivalent, and submit proof of current negative TB skin test (within last six months) and proof of MMR booster.

Length of the program:

Six weeks

Degree or certification awarded:

Certificate of completion

MEDICAL INSTITUTE OF TECHNOLOGY

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

None available

Address (including which county):

223 Madison Street, Suite 205

Madison, TN 37115

(Davidson County)

Office to contact for information:

Main office

Phone number:

(615) 612-0037

Fax number:

None available

Email address:

None available

Prerequisites for entry into the program:

Must be 18, have a valid ID, and pass a general knowledge test

Length of the program:

Four weeks

Degree or certification awarded:

Certificate of completion

NHC HEALTHCARE, DICKSON

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.nhcdickson.com/

Address (including which county):

812 N. Charlotte Street

Dickson, TN 37055

(Dickson County)

Office to contact for information:

Reception

Phone number:

(615) 446-8046

Fax number:

(615) 441-3138

Email address:

nhc@nhcdickson.com

Prerequisites for entry into the program:

Interview

Length of the program:

Two weeks

Degree or certification awarded:

Certificate of completion



TENNESSEE TECHNOLOGY CENTER AT HARTSVILLE

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website: www.hartsville.tec.tn.us/

Address (including which county):

716 McMurray BLVD.

Hartsville, TN 37074

(Trousdale County)

Office to contact for information:

Admissions

Phone number:

(615) 374-2147

Fax number:

(615) 347-2149

Email address:

annette.marshall@hartsville.tec.tn.us

Prerequisites for entry into the program:

Must be at least 18

Length of the program:

1,296 hours

Degree or certification awarded:

Certificate of completion

CENTENNIAL HIGH SCHOOL

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.wcs.edu/chs/

Address (including which county):

5050 Mallory Lane

Franklin, TN 37067

(Williamson County)

Office to contact for information:

Main Office

Phone number:

(615) 791-7787

Fax number:

(615) 591-2567

Email address:

donnag1@wcs.edu

Prerequisites for entry into the program:

Must be a high school student

Length of the program:

One year

Degree or certification awarded:

Certificate of completion

FRANKLIN MANOR NURSING CENTER

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

None available

Address (including which county):

1501 Columbia Avenue

Franklin, TN 37064

(Williamson County)

Office to contact for information:

Main office

Phone number:

(615) 794-2624

Fax number:

None available

Email address:

None available

Prerequisites for entry into the program:

Interview

Length of the program:

Two weeks

Degree or certification awarded:

Certificate of completion

PAGE HIGH SCHOOL

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.wcs.edu/phs

Address (including which county):

6281 Arno Road

Franklin, TN 37064

(Williamson County)

Office to contact for information:

Main office

Phone number:

(615) 595-2080

Fax number:

None available

Email address:

None available

Prerequisites for entry into the program:

Must be a high school student, completed a health science class and medical therapy class

Length of the program:

One year

Degree or certification awarded:

Certificate of completion

HIGHLAND MANOR NURSING HOME

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

None available

Address (including which county):

215 Highland Circle

Portland, TN 37148

(Sumner County)

Office to contact for information:

Main office

Phone number:

(615) 325-9263

Fax number:

None available

Email address:

None available

Prerequisites for entry into the program:

Must be hired first

Length of the program:

Two and one half weeks

Degree or certification awarded:

Certificate of completion

NHC HEALTHCARE, HENDERSONVILLE

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website:

www.nhchville.com/index.htm

Address (including which county):

370 Old Shackle Island Road

Hendersonville, TN 37075

(Sumner County)

Office to contact for information:

Health Information Manager

Phone number:

(615) 824-0720

Fax number:

(615) 824-0272

Email address:

sandrat@nhchville.com

Prerequisites for entry into the program:

None

Length of the program:

Three weeks

Degree or certification awarded:

Certificate of completion

WESTMORELAND CARE AND REHABILITATION CENTER

Name of program:

Certified Nurse Assistant classes

Type of program:

Certified Nurse Assistant

School or program website: www.lafayetteetn.com/westmoreland_rehab.htm

Address (including which county):

1559 New Highway 52

Westmoreland, TN 37186

(Sumner County)

Office to contact for information:

Main office

Phone number:

(615) 644-5111

Fax number:

(615) 644-3236

Email address:

None available

Prerequisites for entry into the program:

None

Length of the program:

Four weeks

Degree or certification awarded:

Certificate of completion

INACTIVE CERTIFIED NURSE ASSISTANT PROGRAMS:

Facility Name:

Community Health Resources, Inc.

Facility Address: P.O. Box 743

City/State/Zip: Lebanon, TN 37088

County: Wilson

Phone: (615) 449-9999

Facility Name:

Margie Anna Nursing Home

Facility Address: 152 South College Street

City/State/Zip: Lebanon, TN 37087

County: Wilson

Phone: (615) 444-2882

Facility Name:

Mariner Health Care Center of Lebanon

Facility Address: 731 Castle Heights Court

City/State/Zip: Lebanon, TN 37087

County: Wilson

Phone: (615) 444-4319

Facility Name:
Mt. Juliet High School
Facility Address: 3565 N. Mt. Juliet Rd.
City/State/Zip: Mt. Juliet, TN 37122
County: Wilson
Phone: (615) 758-5606

Facility Name:
University Medical Center
Facility Address: 1411 Baddour Parkway
City/State/Zip: Lebanon, TN 37087
County: Wilson
Phone: (615) 444-8262

Facility Name:
Nurse Aide Development Services
Facility Address: 340 Castle Heights Ave. North
City/State/Zip: Lebanon, TN 37087
County: Wilson
Phone: (615) 444-3033

Facility Name:
Alvin C. York Medical Center
Facility Address: 3400 Lebanon Road
Murfreesboro, TN 37129
County: Rutherford
Phone: (615) 893-1360

Facility Name:
Boulevard Terrace Nursing Home
Facility Address: 915 South ennessee Blvd.
City/State/Zip: Murfreesboro, TN 37130
County: Rutherford
Phone: (615) 896-4505

Facility Name:
Mayfield Rehabilitation and Special Care Center
Facility Address: 200 Mayfield Drive
City/State/Zip: Smyrna, TN 37167
County: Rutherford
Phone: (615) 355-0350

Facility Name:
National Clinical Skills Academy, Inc.
Facility Address: P.O. Box 1085
City/State/Zip: Murfreesboro, TN 37133
County: Rutherford
Phone: (615) 473-8091

Facility Name:
Peachtree Center
Facility Address: 202 Enon Springs Rd., Box 815
City/State/Zip: Smyrna, TN 37167
County: Rutherford
Phone: (615) 459-5621

Facility Name:
Tennessee Veterans Home
Facility Address: 345 Compton Rd.
City/State/Zip: Murfreesboro, TN 37130
County: Rutherford
Phone: (615) 895-8850

Facility Name:
Alternative Medical Staffing, Inc.
Facility Address: 1213 8th Avenue South
City/State/Zip: Nashville, TN 37203
County: Davidson
Phone: (615) 834-4941

Facility Name:
Angel Medical Pool, Inc.
Facility Address: 210 25th Avenue North
City/State/Zip: Nashville, TN 37203
County: Davidson
Phone: (615) 329-1384

Facility Name:
Area Health Education Center
Facility Address: 1005 Dr. D. B. Todd, Jr. Blvd.
City/State/Zip: Nashville, TN 37208
County: Davidson
Phone: (615) 327-6834

Facility Name:
Atlantic Career Institute
Facility Address: 1514 Church Street
City/State/Zip: Nashville, TN 37203
County: Davidson
Phone: (615) 320-0208

Facility Name:
Baptist Hospital Sub-Acute Unit
Facility Address: 2000 Church Street
City/State/Zip: Nashville, TN 37236
County: Davidson
Phone: (615) 248-5003

Facility Name:
Bethany Health Care Center
Facility Address: 421 Ocala Drive
City/State/Zip: Nashville, TN 37211
County: Davidson
Phone: (615) 834-4214

Facility Name:
Branell Colege/Nashville
Facility Address: 2424 Hillsboro Pike
City/State/Zip: Nashville, TN 37212
County: Davidson
Phone: (615) 297-1100

Facility Name:
Columbia Nashville Memorial Hospital
Facility Address: 612 Due West Ave.
City/State/Zip: Madison, TN 37115
County: Davidson
Phone: (615) 865-3511

Facility Name:
Crestview Nursing Home
Facility Address: 2030 25th Ave. North
City/State/Zip: Nashville, TN 37208
County: Davidson
Phone: (615) 256-4697

Facility Name:
Cumberland Manor Nursing Center
Facility Address: 4343 Hydes Ferry Pike
City/State/Zip: Nashville, TN 37247
County: Davidson
Phone: (615) 726-0492

Facility Name:
Davidson Technical College/Nashville
Facility Address: 212 Pavilion Blvd.
City/State/Zip: Nashville, TN 37217
County: Davidson
Phone: (615) 360-3300

Facility Name:
Good Samaritan Health and Rehab Center
Facility Address: 500 Hickory Hollow Terrace
City/State/Zip: Antioch, TN 37013
County: Davidson
Phone: (615) 731-7130

Facility Name:
Health Care Center at the Richland Place
Facility Address: 504 Elmington Ave.
City/State/Zip: Nashville, TN 37205
County: Davidson
Phone: (615) 292-4900

Facility Name:
Integrated Health Services of Nashville
Facility Address: 2733 McCampbell Road
City/State/Zip: Nashville, TN 37214
County: Davidson
Phone: (615) 885-0483

Facility Name:
Jem Health Care, Inc.
Facility Address: 315 10th Ave. North
City/State/Zip: Nashville, TN 37203
County: Davidson
Phone: (615) 726-8668

Facility Name:
Mariner Health of Nashville
Facility Address: 3939 Hillsboro Circle
City/State/Zip: Nashville, TN 37215
County: Davidson
Phone: (615) 297-2100

Facility Name:
Medical Career College
Facility Address: 537 Main Street
City/State/Zip: Nashville, TN 37206
County: Davidson
Phone: (615) 255-7531

Facility Name:
Middle Tennessee Medical Pool
Facility Address: 1161 Murfreesboro Road
Facility Address 2: Suite 320
City/State/Zip: Nashville, TN 37217
County: Davidson
Phone: (615) 399-9214

Facility Name:
Mt. Juliet Health Care Center
Facility Address: 2650 N. Mt. Juliet Rd.
City/State/Zip: Hermitage, TN 37076
County: Davidson
Phone: (615) 758-4100

Facility Name:
Murci-Homes, Inc.
Facility Address: 2964 Baby Ruth Lane
City/State/Zip: Antioch, TN 37013
County: Davidson
Phone: (615) 641-6446

Facility Name:
Nashville Caring Center
Facility Address: 701 Porter Road
City/State/Zip: Nashville, TN 37206
County: Davidson
Phone: (615) 226-3264

Facility Name:
Nashville Metro Bordeaux Hospital
Facility Address: 1414 County Hospital Road
City/State/Zip: Nashville, TN 37218
County: Davidson
Phone: (615) 862-6871

Facility Name:
Nashville Opportunities Ind. Ctr. (OIC)
Facility Address: 1567 Meharry Blvd.
City/State/Zip: Nashville, TN 37208
County: Davidson
Phone: (321) 002-1

Facility Name:
NHC Healthcare, Nashville
Facility Address: 2215 Paterson Street
City/State/Zip: Nashville, TN 37203
County: Davidson
Phone: (615) 327-3011

Facility Name:
P.H.E.O. Medical Center
Facility Address: 1400 18th Ave. South
City/State/Zip: Nashville, TN 37212
County: Davidson
Phone: (615) 383-4715

Facility Name:
Professional Training Association
Facility Address: 1005 Murfreesboro Rd., Suite 217
City/State/Zip: Nashville, TN 37217
County: Davidson
Phone: (615) 360-7291

Facility Name:
Sunbridge Care and Rehab for Nashville
Facility Address: 1306 Katie Ave.
City/State/Zip: Nashville, TN 37207
County: Davidson
Phone: (615) 262-0035

Facility Name:
Vanco Manor Nursing Home
Facility Address: 813 S. Dickerson Road
City/State/Zip: Goodlettsville, TN 37072
County: Davidson
Phone: (615) 859-6600

Facility Name:
West Meade Place
Facility Address: 1000 St. Luke Drive
City/State/Zip: Nashville, TN 37205
County: Davidson
Phone: (615) 352-3430

Facility Name:
The Winsor House
Facility Address: 3425 Knight Drive
City/State/Zip: Whites Creek, TN 37189
County: Davidson
Phone: (615) 000-0000

Facility Name:
Southern Hills Medical Center
Facility Address: Department of Education
Facility Address 2: 391 Wallace Road
City/State/Zip: Nashville, TN 37211
County: Davidson
Phone: (615) 781-4000

Facility Name:
Claiborne and Hughes Convalescent Center
Facility Address: 200 Strahl Street
City/State/Zip: Franklin, TN 37064
County: Williamson
Phone: (615) 791-1103

Facility Name:
Harpeth Terrace Convalescent Center
Facility Address: 1287 West Main Street
City/State/Zip: Franklin, TN 37064
County: Williamson
Phone: (615) 794-8417

Facility Name:
NHC Healthcare, Franklin
Facility Address: 216 Fairground Street
City/State/Zip: Franklin, TN 37064
County: Williamson
Phone: (615) 790-0154

Facility Name:
Beverly Health and Rehab Center
Facility Address: 104 Watson Road
City/State/Zip: Springfield, TN 37172
County: Robertson
Phone: (615) 384-9565

Facility Name:
Elm Hurst Nursing Home
Facility Address: 704 5th Ave. East
City/State/Zip: Springfield, TN 37172
County: Robertson
Phone: (615) 384-7977

Facility Name:
NHC Healthcare, Springfield
Facility Address: 608 Eighth Ave. East
City/State/Zip: Springfield, TN 37172
County: Robertson
Phone: (615) 384-845

Facility Name:
Ridgetop Haven, Inc.
Facility Address: 2002 Greer Road
City/State/Zip: Ridgetop, TN 37152
County: Robertson
Phone: (615) 859-5895

Facility Name:
Robertson County Vocational School
Facility Address: 5326 Hwy. 76 East
City/State/Zip: Springfield, TN 37172
County: Robertson
Phone: (615) 384-2491

Facility Name:
American Red Cross/Gallatin
Facility Address: 425 South Water
City/State/Zip: Gallatin, TN 37066
County: Sumner
Phone: (615) 452-0741

Facility Name:
Beech High School
Facility Address: 3126 Long Hollow Pike
City/State/Zip: Hendersonville, TN 37075
County: Sumner
Phone: (615) 824-6200

Facility Name:
Beverly Enterprises
Facility Address: 338 Sunset Island Trail
City/State/Zip: Gallatin, TN 37066
County: Sumner
Phone: (615) 451-1826

Facility Name:
Brandywood Nursing Home
Facility Address: 555 East Bledsoe Street
City/State/Zip: Gallatin, TN 37066
County: Sumner
Phone: (615) 452-7132

Facility Name:
Gallatin Health Care Associates
Facility Address: 438 North Water
City/State/Zip: Gallatin, TN 37066
County: Sumner
Phone: (615) 452-2322

Facility Name:
Hendersonville Hospital
Facility Address: 355 New Shackle Island Road
City/State/Zip: Hendersonville, TN 37075
County: Sumner
Phone: (615) 264-4000

Facility Name:
Hendersonville Nursing Home
Facility Address: 672 West Main Street
City/State/Zip: Hendersonville, TN 37075
County: Sumner
Phone: (615) 824-8301

Facility Name:
Nurse Trainers, Inc./Hendersonville
Facility Address: 228 Nokes Drive
City/State/Zip: Hendersonville, TN 37075
County: Sumner
Phone: (615) 824-5252

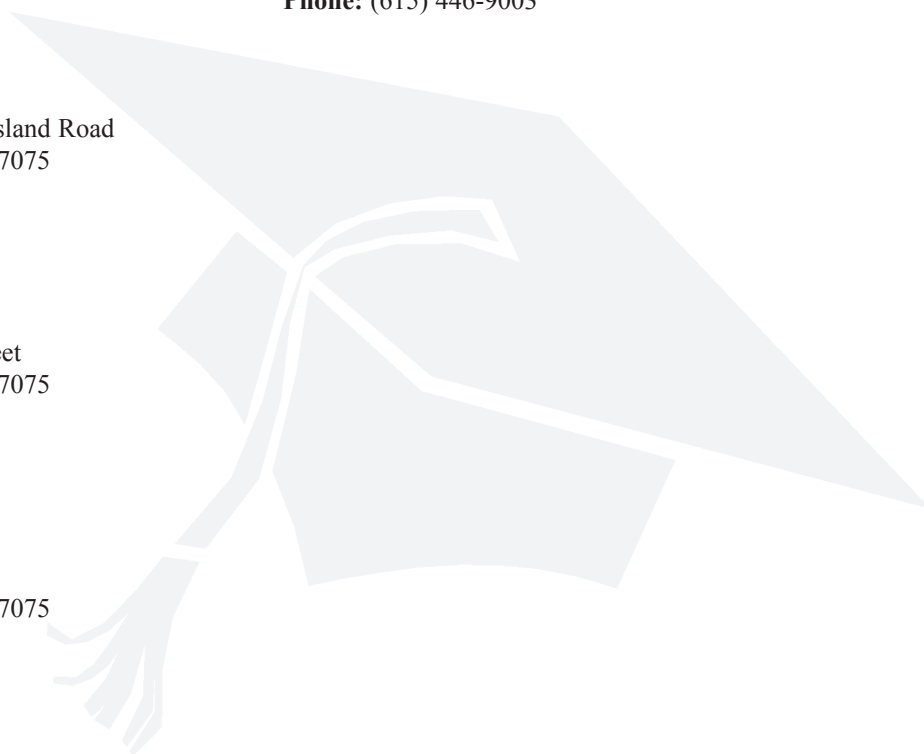
Facility Name:
Volunteer State Community College
Facility Address: 1480 Nashville Pike
City/State/Zip: Gallatin, TN 37066
County: Sumner
Phone: (615) 230-3346

Facility Name:
Hillcrest health Care Center, LLC
Facility Address: 111 East Lennox Street
City/State/Zip: Ashland City, TN 37015
County: Cheatham
Phone: (615) 792-9154

Facility Name:
Comprehensive Care Center
Facility Address: 649 McMurry Blvd.
City/State/Zip: Hartsville, TN 37074
County: Trousdale
Phone: (615) 374-2167

Facility Name:
Horizon Medical Center
Facility Address: 111 Highway 70 East
City/State/Zip: Dickson, TN 37055
County: Dickson
Phone: (615) 446-0446

Facility Name:
Dickson County Senior High School
Facility Address: 509 Henslee Drive
City/State/Zip: Dickson, TN 37055
County: Dickson
Phone: (615) 446-9003





LICENSED PRACTICAL NURSE (LPN) PROGRAMS

TENNESSEE TECHNOLOGY CENTER AT DICKSON

Name of program:

Practical Nursing Program

Type of program:

LPN Program

School or program website:

www.dickson.tec.tn.us/progpn.htm

Address (including which county):

740 Highway 46

Dickson, TN 37055

(Dickson County)

Office to contact for information:

Student Services

Phone number:

(615) 441-6220

Fax number:

(615) 441-6223

Email address:

GFouts@dickson.tec.tn.us

Prerequisites for entry into the program:

Prospective students are urged to submit an application to the front office, tour the department, and meet the instructor prior to enrollment. Enrollment is based on first-come, first-served basis. Applications may be made in person at the school between 7:30 a.m. and 4:00 p.m. Monday through Friday. Students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination. The Departmental Advisory Committee reviews all applications for admission and recommends applicants for acceptance.

Length of the program:

12 months

Degree or certification awarded:

Upon completion of the course, the graduate will receive a Practical Nurse diploma and is then eligible for written examination by the State Board of Nursing.

Articulation agreements:

There is no articulation agreement with any lower level programs (high school programs). Currently, articulation agreements are in the works that would allow a more smooth transition into a higher level program (LPN to RN).

Transcript review procedures:

Applicants should send the application for admissions to the front office. Transfer credits will be evaluated.

Advanced placement options:

There are no advanced placement options.

TENNESSEE TECHNOLOGY CENTER AT HARTSVILLE

Name of program:

Practical Nursing Program

Type of program:

LPN Program

School or program website:

www.hartsville.tec.tn.us/ttchmain/wwwroot/ttchmain.htm

Address (including which county):

716 McMurry Blvd.

Hartsville, TN 37074-2028

(Trousdale County)

Office to contact for information:

Student Services

Phone number:

(615) 374-2147

Fax number:

(615) 347-2149

Email address:

annette.marshall@hartsville.tec.tn.us

Prerequisites for entry into the program:

Prospective students are urged to submit an application to the front office, tour the department, and meet the instructor prior to enrollment. Enrollment is based on first-come, first-served basis. Applications may be made in person at the school between 7:30 a.m. and 4:00 p.m. Monday through Friday. Students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination. The Departmental Advisory Committee reviews all applications for admission and recommends applicants for acceptance.

Length of the program:

12 months

Degree or certification awarded:

Upon completion of the course, the graduate will receive a Practical Nurse diploma and is then eligible for written examination by the State Board of Nursing.

Articulation agreements:

There is no articulation agreement at the present time.

Transcript review procedures:

Applicants should send the application for admissions to the front office. Transfer credits will be evaluated.

Advanced placement options:

There are no advanced placement options.

TENNESSEE TECHNOLOGY CENTER AT NASHVILLE

Name of program:

Practical Nursing Program

Type of program:

LPN Program

School or program website:

www.nashville.tec.tn.us/

Address (including which county):

100 White Bridge Road

Nashville, TN 37209

(Davidson County)

Office to contact for information:

Student Services

Phone number:

(615) 741-1241

Fax number:

(615) 356-0187

Email address:

lnorvell@nashville.tec.tn.us

Prerequisites for entry into the program:

Applicants must first take and pass the Nurse Entrance Test (NET). Interested persons may contact the school at (615) 741-1241, ext. 124 to schedule a testing date. An application packet will be provided upon successful completion of the NET test. Students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination and attend a personal interview with the Director of Nursing.

Length of the program:

12 months

Degree or certification awarded:

Upon completion of the course, the graduate will receive a Practical Nurse diploma and is then eligible for written examination by the State Board of Nursing.

Articulation agreements:

There is no articulation agreement at the present time.

Transcript review procedures:

Applicants should send the application for admissions to the front office. Transfer credits will be evaluated.

Advanced placement options:

There are no advanced placement options.

SUMNER COUNTY PRACTICAL NURSING PROGRAM

Name of program:

Practical Nursing Program

Type of program:

LPN Program

School or program website:

www.sumner.org/About/SCPNinfo.htm

Address (including which county):

555 Hartsville Pike, P.O.Box 1558

Gallatin, TN 37075

(Sumner County)

Office to contact for information:

Practical Nursing Program

Phone number:

(615) 452-4210, Ext. 5164

Fax number:

None provided

Email address:

None provided

Prerequisites for entry into the program:

State approved high school diploma or General Equivalency Diploma (GED); complete and return application prior to deadline; successfully complete a general aptitude test; score successfully on the Diagnostic Entrance Test (DEIT); attend a personal interview with program faculty; provide the Practical Nursing Program with three (3) work references (if no work history is available, character references will be accepted; however, relatives are not acceptable references). Application packets and interview results are reviewed by the Program Admissions Committee. Applicants accepted into the program must submit a physical exam that indicates medical clearance prior to the first day of class.

Length of the program:

12 months

Degree or certification awarded:

Upon completion of the course, the graduate will receive a Practical Nurse diploma and is then eligible to take the National Council Licensure Examination Q for licensure as a practical nurse.

Articulation agreements:

None

Transcript review procedures:

Applicants should send the application for admissions to the front office. Transfer credits will be evaluated.

Advanced placement options:

None

TENNESSEE TECHNOLOGY CENTER AT MURFREESBORO

Name of program:

Practical Nursing Program

Type of program:

LPN Program

School or program website:

www.murfreesboro.tec.tn.us

Address (including which county):

1303 Old Fort Parkway

Murfreesboro, TN 37129

(Rutherford County)

Office to contact for information:

Practical Nursing, Sandra Reid

Phone number:

(615) 898-8010, ext. 135

Fax number:

(615) 893-4194

Email address:

sandra.reid@murfreesboro.tec.tn.us

Prerequisites for entry into the program:

Prospective students are urged to submit an application to the front office, tour the department, and meet the instructor prior to enrollment. Enrollment is based on first-come, first-served basis. Applications may be made in person at the school between 7:30 a.m. and 4:00 p.m. Monday through Friday. Students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination. The Departmental Advisory Committee reviews all applications for admission and recommends applicants for acceptance.

Length of the program:

12 months

Degree or certification awarded:

Upon completion of the course, the graduate will receive a Clinical Practice Program Award and Length A diploma and is then eligible for written examination by the State Board of Nursing.

Articulation agreements:

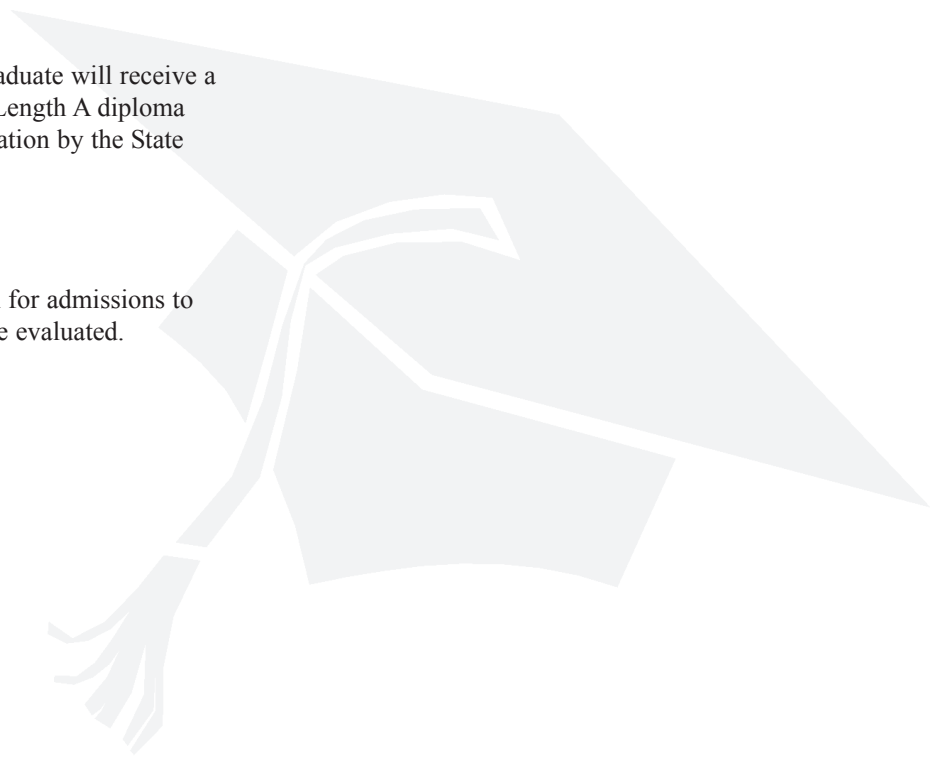
None

Transcript review procedures:

Applicants should send the application for admissions to the front office. Transfer credits will be evaluated.

Advanced placement options:

None





REGISTERED NURSE (ASSOCIATE DEGREE PROGRAMS)

AQUINAS COLLEGE

Name of program:

Associate of Applied Science Degree in Nursing

Type of program:

Registered Nurse

School or program website:

www.aquinas-tn.edu/nursing/index.htm

Address (including which county):

4210 Harding Road
Nashville, TN 37205
(Davidson County)

Office to contact for information:

Director of ASN program, Peggy Daniel

Phone number:

(615) 297-7545, ext. 460

Fax number:

None provided

Email address:

admissions@aquinas-tn.edu

Prerequisites for entry into the program:

Applicants must submit an official transcript from an accredited high school and an official ACT or SAT score report. For admission, applicants must have an overall GPA of 2.0 and ACT enhanced scores of: Composite 18, English 18, Math 18. Nursing applicants must also complete the following prerequisite courses with at least a "C" average: Math: high school algebra I and II or college level math; Science: high school chemistry or college level chemistry or Biology or Anatomy and Physiology I and II; Computer Technology: high school Intro to Computers or college level Introduction to Computers. Have a cumulative GPA of 2.75 or minimum GED score of 50 and complete, with a passing score, the Nursing Pre-Admission exam.

Length of the program:

Four semesters

Degree or certification awarded:

Associates of Applied Science degree in Nursing

Articulation agreements:

Aquinas does not have an agreement with any other lower level program. The ASN program is two years from start to finish. Aquinas is an accredited college.

Transcript review procedures:

Applicants should send the application for admissions and official transcripts to the Admissions Department. Transfer credits will be evaluated; most of the time if they come from another accredited college they are transferable.

Advanced placement options:

There is no advanced placement option in the program.

COLUMBIA STATE COMMUNITY COLLEGE — WILLIAMSON COUNTY CENTER

Name of program:

Associate of Applied Science Degree in Nursing

Type of program:

Registered Nurse

School or program website:

www.columbiastate.edu/locations/williamson_details.htm

Address (including which county):

104 Yates Road
Franklin, TN 37064
(Williamson County)

Office to contact for information:

Director of Admissions, Williamson County, Ralph Walker

Phone number:

(615) 790-4400

Fax number:

(615) 790-4405

Email address:

walker@columbiastate.edu

Prerequisites for entry into the program:

Meet all college general requirements as degree-seeking student, satisfy all mandatory assessment and placement requirements prior to submitting application to nursing program, ACT or equivalent college entrance exam regardless of educational experience or age. Exceptions to ACT requirement may be made when applicant has an earned degree in a related field. Earned cumulative grade point average of 2.5 or above on 4.0 scale. Students without previous college experience must have completed 2 years of high school math and 2 years of high school science. GED recipients must score at least 50 or above.

Length of the program:

Four semesters (72 hours)

Degree or certification awarded:

Associates of Applied Science degree in Nursing

Articulation agreements:

See advanced placement option below.

Transcript review procedures:

If applicant has been enrolled in another nursing program, courses will be evaluated for transfer credit on an individual basis. If three or more years have elapsed since enrollment in nursing courses, courses must be repeated. If 5 or more years, anatomy and physiology must be repeated, and all other current application requirements apply.

Advanced placement options:

Licensed LPNs are eligible to apply for advanced standing in the program by taking challenge exams and completing the application for the Nursing LPN Mobility Program.

TENNESSEE STATE UNIVERSITY

Name of program:

Associate of Applied Science Degree in Nursing

Type of program:

Registered Nurse

School or program website:

www.tnstate.edu/nurs/

Address (including which county):

3500 John A. Merritt Blvd.

Campus Box 9590

Nashville, TN 37209

(Davidson County)

Office to Contact for information:

Admissions

Phone number:

(615) 963-5265

Fax number:

(615) 963-5264

Email address:

sseager@tnstate.edu

Prerequisites for entry into the program:

Officially admitted to TSU with all remedial/developmental requirements completed, high school graduate or a GED score of 50, cumulative GPA of 2.5 on high school or completed college work, one year of high school or one semester of college chemistry with lab with a grade of "C" or better, verification of math competency at the intermediate algebra level by university testing or completion of required courses, completion of the pre-entrance nursing examination, and anatomy and physiology and microbiology/bacteriology courses must have been taken within the last five years of admission to the program.

Length of the program:

Four semesters

Degree or certification awarded:

Associates of Applied Science degree in Nursing

Articulation agreements:

None

Transcript review procedures:

Applicants are encouraged to schedule an appointment with a nursing faculty member for transcript review and advisement.

Advanced placement options:

Licensed Practical Nurses are eligible to take a transition course in the summer, then challenge NURS 102 (Adult Health I), and receive credit for NURS 101 (Fundamentals) after completing one semester in the second year of the associate degree program. LPNs who are successful in the transition course are ready for the second year.

REGISTERED NURSE (BACCALAUREATE DEGREE PROGRAMS)



AQUINAS COLLEGE

Name of program:

RN to B.S.N. Program

Type of program:

Registered Nurse

School or program website:

www.aquinas-tn.edu/nursing/index.htm

Address (including which county):

4210 Harding Road

Nashville, Tennessee 37205

(Davidson County)

Office to contact for information:

Dr. Linda Watlington, RN to BSN Program Director

Phone number:

(615) 222-4038

Fax number:

None provided

Email address:

admissions@aquinas-tn.edu

Prerequisites for entry into the program:

Applicants must submit an official transcript from an accredited high school and an official ACT or SAT score report. For admission, applicants must have an overall GPA of 2.0 and ACT enhanced scores of: Composite 18, English 18, Math 18. Nurse applicants must be graduates of an NLNAC accredited diploma or Associate Degree Nursing Program; with current Licensure in Tennessee as a registered nurse (RN) in good standing; and submit two recommendation forms from professional references (one should be a supervisor); and have a satisfactory interview with the Director of the RN to BSN Program.

Length of the program:

Two years

Degree or certification awarded:

Bachelor of Science degree in Nursing

Articulation agreements:

Aquinas does not have an agreement with any other lower level program.

Transcript review procedures:

Applicants should send the application for admissions and official transcripts to the Admissions Department. Transfer credits will be evaluated individually. Most of the time if they come from another accredited college they are transferable.

Advanced placement options:

Licensed RNs who are graduates of a NLNAC accredited nursing program will be granted 30 semester hours of academic credit toward the B.S.N. degree.

BELMONT UNIVERSITY

Name of program:

RN to B.S.N. Program

Type of program:

Bachelor of Science in Nursing

School or program website:

www.belmont.edu/nursing/index.cfm

Address (including which county):

1900 Belmont Boulevard

Nashville, TN 37212

(Davidson County)

Office to contact for information:

Nursing Admissions Coordinator

Phone number:

(615) 460-6107

Fax number:

(615) 460-5644

Email address:

None provided, but there is a form on the website to contact for information

Prerequisites for entry into the program:

High school transcript and ACT score (unless applicant has more than 30 semester hours completed). Applicants who have 30 semester hours or more of prior university work must have a minimum GPA of 2.5 on a 4.0 scale. Preference is given to applicants with a GPA of 3.0 and above. Must have and maintain 3.0 GPA to qualify for Accelerated B.S.N. program.

Length of the program:

Four years. Accelerated B.S.N. option can be completed in 16 months after completion of all prerequisite courses.

Degree or certification awarded:

Bachelor of Science degree in Nursing

Articulation agreements:

None

Transcript review procedures:

Applicants should send the application for admissions to the Nursing Admissions Coordinator. Transfer credits will be evaluated.

Advanced placement options:

RNs with an associate degree or RN diploma are eligible for up to 34 hours of advanced placement credit, which is held in escrow until the nurse successfully completes 10 credit hours of upper division nursing courses at Belmont.

CUMBERLAND UNIVERSITY

Name of program:

Bachelor of Science in Nursing

Type of program:

Registered Nurse

School or program website: www.cumberland.edu/academics/nursing/index.html

Address (including which county):

One Cumberland Square

Lebanon, Tennessee 37087-3554

(Wilson County)

Office to contact for information:

Nursing Division

Phone number:

(615) 444-2562

Fax number:

(615) 444-2569

Email address:

nursing@cumberland.edu

Prerequisites for entry into the program:

ACT or SAT scores; high school transcript, with class rank and evidence of graduation; transcript of previous college work, if any; a statement of purpose (why college, and why Cumberland); recommendations (3) from teachers, employees, or others who can testify to the applicant's ability, motivation, or talent; and other supporting information which may serve to demonstrate the applicant's ability to obtain a Cumberland degree. Applicants to upper division nursing courses are selected based on their grades from previous college classes, an acceptable score on the Nursing Entrance Test (NET), and a required letter of intent stating why they would like to be in the Cumberland Nursing program.

Length of the program:

Four years

Degree or certification awarded:

Bachelor of Science degree in Nursing

Articulation agreements:

Cumberland does not have any set agreements concerning articulation with lower level programs.

Transcript review procedures:

The admissions office at Cumberland University requires transfer students to submit an application for admission, \$25 application fee, and official transcripts in sealed envelopes from all previous colleges. Transcript evaluations are done by the Academic Affairs office and correspondence is generally done through the admissions counselors.

Advanced placement options:

There are no particular advanced placement options.

MIDDLE TENNESSEE STATE UNIVERSITY

Name of program:

Bachelor of Science in Nursing

Type of program:

Registered Nurse

School or program website: mtsu32.mtsu.edu:11238/

Address (including which county):

1301 East Main, Box 81

Murfreesboro, TN 37132

(Rutherford County)

Office to contact for information:

School of Nursing

Phone number:

(615) 898-2437

Fax number:

(615) 898-5441

Email address:

lgibbons@mtsu.edu

Prerequisites for entry into the program:

Admission to the university – a minimum ACT score of 20 or a minimum high school GPA of 2.8 on a 4.0 scale.

Admission to upper division nursing courses – completion of prerequisite courses with college GPA of 2.75 or higher and an ACT score recorded on transcript.

Length of the program:

Four years

Degree or certification awarded:

Bachelor of Science degree in Nursing

Articulation agreements:

Articulation agreements with Motlow and Columbia Community Colleges allow for dual enrollment and expedited transition between the associate degree and B.S.N. programs. If all prerequisites are complete, programs participants can potentially complete their B.S.N. within one year of completing their associate degrees.

Transcript review procedures:

Applicants should send the application for admissions to the front office and schedule an appointment with the nursing advisor for transcript review.

Advanced placement options:

RNs who have graduated from accredited associate degree or diploma programs receive advanced standing credit for their nursing knowledge and experience. 37 credit hours are posted to their record upon successful matriculation into upper division courses.

TENNESSEE STATE UNIVERSITY

Name of program:

Bachelor of Science Degree in Nursing

Type of program:

Registered Nurse

School or program website:

www.tnstate.edu/nurs/

Address (including which county):

3500 John A. Merritt Blvd.

Campus Box 9590, Nashville, TN 37209

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 963-5272

Fax number:

(615) 963-5593

Email address:

arawls@TNSTATE.EDU

Prerequisites for entry into the program:

Officially admitted to Tennessee State University, a completed transcript analysis of all required general education courses taken at other colleges/universities, completion of all required general courses with grades of "C" or better, cumulative GPA of 2.5 in the 77 credits of the general education required courses, minimum scores of 70th percentile on the pre-nursing entrance examination with emphasis on areas of reading, verbal and composite and attend an advising session, call 963-5273 for dates.

Length of the program:

Four years

Degree or certification awarded:

Bachelor of Science degree in Nursing

Articulation agreements:

Articulation agreements are in place to promote career mobility between associate degree programs at local community colleges, (specifically Volunteer State and Columbia State) and the Tennessee State B.S.N. program.

Transcript review procedures:

Nursing program faculty will do unofficial transcript evaluations. Official transcript evaluation is done by the Admissions office.

Advanced placement options:

RNs in the Career Mobility RN-B.S.N. program are given advanced placement, allowing them to complete the program in one calendar year.

VANDERBILT UNIVERSITY AND DAVID LIPSCOMB UNIVERSITY PARTNERSHIP

Name of program:

Bachelor of Science in Nursing

Type of program:

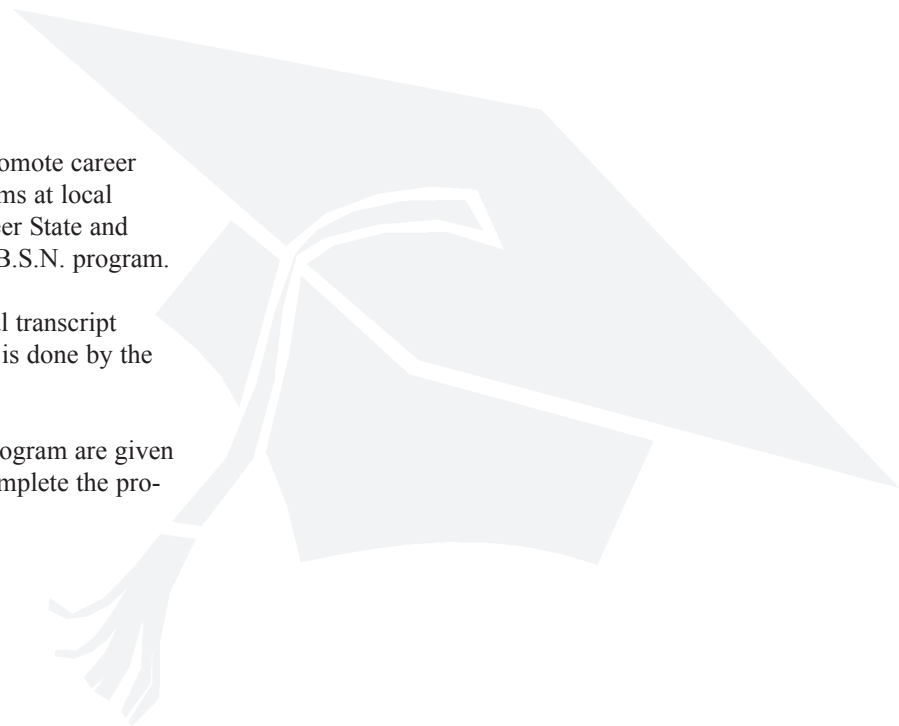
Registered Nurse

Vanderbilt and David Lipscomb are currently developing a new collaborative BSN program. The program initiation is supported by a \$500,000 grant from HCA Nashville.

Students will study at Lipscomb for the first five semesters then spend three semesters gaining experience at Vanderbilt. For further information contact:

Vanderbilt at (615) 355-3800

David Lipscomb at (615) 269-1776



STATEWIDE ONLINE MASTER OF SCIENCE IN NURSING PROGRAM



**Collaborative program sponsored by
the Nursing Schools of the Tennessee Board of Regents Universities:
Austin Peay State University, East Tennessee State University,
Middle Tennessee State University, Tennessee State University,
Tennessee Tech University, University of Memphis**

Name of program:

M.S.N.-RODP (Regents Online Degree Program).

Type of program:

Web-based M.S.N. program with multiple career tracks
(Nursing Education, Nursing Administration, Nursing
Informatics, Advanced Practice – Family Nurse
Practitioner or Holistic Nursing)

School or program website:

www.tn.regentsdegrees.org/

Address (including which county):

1415 Murfreesboro Road, Suite 350

Nashville, TN 37217

(Davidson County)

Office to contact for information:

Dr. Pam Holder, Coordinator M.S.N.-RODP

Phone number:

(615) 366-3972

Fax number:

(615) 366-4464

Email address:

pgholder@tbr.state.tn.us

Prerequisites for entry into the program:

Baccalaureate degree in nursing from an accredited program. Eligibility to practice as a Registered Nurse in Tennessee or the state in which clinical assignments are completed. Overall G.P.A. of 3.0 on a 4.0 scale. TOEFL score of 600 if native language is not English. A written document prepared by the applicant that includes a resume, a discussion of prior professional experience, future career goals, and reasons for pursuing graduate study. Letters of recommendation from at least three persons (a minimum of one academic) familiar with the applicant's academic and professional background and experience in nursing practice, specifying in detail the applicant's capabilities for graduate study and for future practice as an advanced practice nurse.

Length of the program:

One to three years. Varies depending upon concentration and full-time versus part-time status. Nursing Education – 39 credit hours, Nursing Administration – 34 credit hours, Nursing Informatics – 32 credit hours, Family Nurse Practitioner – 45 credit hours, Holistic Nursing – 41 credit hours.

Degree or certification awarded:

Master of Science in Nursing

Articulation agreements: None yet.

Transcript review procedures: Application and transcripts along with other required materials, should be sent to Dr. Holder at the Board of Regents office for review.

Advanced placement options: None at this time.





NURSE PRACTITIONER PROGRAMS

BELMONT UNIVERSITY

Name of program:

Family Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website: www.belmont.edu/gradnursing/

Address (including which county):

1900 Belmont Boulevard

Nashville, TN 37212

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 460-6142

Fax number:

(615) 460-5644

Email address:

None provided, but there is a form on the website to contact for information

Prerequisites for entry into the program:

A completed application form, \$50 application fee, an official transcript indicating a bachelor's degree in nursing (B.S.N.) from an NLNAC accredited baccalaureate-granting institution, an official transcript from all institutions attended, proof of a current RN license from the student's state of residence and/or practice, (a Tennessee RN license is required for clinical experiences in Tennessee), official scores for the Graduate Record Examination taken within

the last five years, have at least a 3.0 cumulative undergraduate grade-point average on a 4.0 scale for full admission. Two references are required. One should be from a faculty member who is familiar with the applicant's undergraduate nursing work, and one should be from a current nursing clinical supervisor. Interview with faculty, and narrative statement of 1-2 pages in length describing the applicant's interest in the FNP role, education goals, and career goals.

Length of the program:

Four semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Family Nurse Practitioner

Articulation agreements:

The M.S.N. program does not have any articulation agreements with other programs, but they work closely with Belmont's B.S.N. program to facilitate entry of qualified B.S.N. students into the M.S.N. program.

Transcript review procedures:

The MSN Admissions Committee reviews transcripts to determine whether previous graduate work can be accepted as a substitute for Belmont MSN courses.

Advanced placement options:

There are not any advanced placement options for the graduate program. The curriculum is very concentrated. Experience shows that students are most successful if all courses are taken at Belmont.



TENNESSEE STATE UNIVERSITY

Name of program:

Family Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.tnstate.edu/

Address (including which county):

3500 John A. Merritt Blvd.
Campus Box 9590, Nashville, TN 37209
(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 963-5252

Fax number:

(615) 963-7614

Email address:

BBROWN@tnstate.edu

Prerequisites for entry into the program:

Completed Graduate School application with fee, two completed reference forms (one from a current clinical supervisor and one from a nursing faculty), official transcripts from all previous colleges, resume, copies of Tennessee RN License, certification, professional memberships, community service, continuing education, CPR and liability insurance, typed statement of professional goals upon completion of the M.S.N. degree, cumulative GPA of 3.0 (on a 4.0 scale) in all required courses (general education and nursing) for the B.S.N. degree **OR** in all the nursing courses, graduation from an nationally accredited baccalaureate nursing program, a combined verbal and quantitative score of 900 on the Graduate Record Examination (GRE) or a score of 30 on the Miller's Analogy Test (MAT), and evidence of current clinical practice.

Length of the program:

Six semesters, part-time

Degree or certification awarded:

Master of Science in Nursing with a focus in Family Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

Application and transcripts along with other required materials, (see prerequisites for entry into the program) should be sent to the admissions office for review.

Advanced placement options:

None

TENNESSEE STATE UNIVERSITY

Name of program:

Holistic Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.tnstate.edu/

Address (including which county):

3500 John A. Merritt Blvd.
Campus Box 9590, Nashville, TN 37209
(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 963-5252

Fax number:

(615) 963-7614

Email address:

BBROWN@tnstate.edu

Prerequisites for entry into the program:

Completed Graduate School application with fee, two completed reference forms (one from a current clinical supervisor and one from a nursing faculty), official transcripts from all previous colleges, resume, copies of Tennessee RN License, certification, professional memberships, community service, continuing education, CPR and liability insurance, typed statement of professional goals upon completion of the M.S.N. degree, cumulative GPA of 3.0 (on a 4.0 scale) in all required courses (general education and nursing) for the B.S.N. degree **OR** in all the nursing courses, graduation from an nationally accredited baccalaureate nursing program, a combined verbal and quantitative score of 900 on the Graduate Record Examination (GRE) or a score of 30 on the Miller's Analogy Test (MAT), and evidence of current clinical practice.

Length of the program:

Six semesters, part-time

Degree or certification awarded:

Master of Science in Nursing with a focus in Holistic Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

Application and transcripts along with other required materials, (see prerequisites for entry into the program) should be sent to the admissions office for review.

Advanced placement options:

None

VANDERBILT UNIVERSITY

Name of program:

Acute Care Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):

Godchaux Hall 226

461 21st Avenue South

Nashville, TN 37240

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number:

None provided

Email address:

VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an ADN or a Diploma in Nursing, you must have earned at least 78 accredited

semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

Three semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Acute Care Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:

None



VANDERBILT UNIVERSITY

Name of program:

Adult Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):

Godchaux Hall 226

461 21st Avenue South

Nashville, TN 37240

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number:

None provided

Email address:

VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which

must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

ANP students may choose one of three subspecialty focus areas: Cardiovascular Disease Prevention and Management, or Palliative Care, all of which are three semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Adult Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:

None



VANDERBILT UNIVERSITY

Name of program:

Adult Nurse Practitioner/Gerontological Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):

Godchaux Hall 226

461 21st Avenue South

Nashville, TN 37240

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number:

None provided

Email address:

VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in

Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

Three semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Adult Nurse Practitioner/Gerontological Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:

None



VANDERBILT UNIVERSITY

Name of program:

Family Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):

Godchaux Hall 226

461 21st Avenue South

Nashville, TN 37240

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number:

None provided

Email address:

VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a

Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

Three semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Family Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:

None



VANDERBILT UNIVERSITY

Name of program:

Neonatal Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):

Godchaux Hall 226

461 21st Avenue South

Nashville, TN 37240

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number:

None provided

Email address:

VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in

Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

Three semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Neonatal Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:

None



VANDERBILT UNIVERSITY

Name of program:

Pediatric Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):

Godchaux Hall 226

461 21st Avenue South

Nashville, TN 37240 (Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number:

None provided

Email address:

VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78

accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

Three semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Pediatric Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:

None



VANDERBILT UNIVERSITY

Name of program:

Psychiatric-Mental Health Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):

Godchaux Hall 226

461 21st Avenue South

Nashville, TN 37240

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number:

None provided

Email address:

VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in

Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

Three semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Psychiatric-Mental Health Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:

None



VANDERBILT UNIVERSITY

Name of program:

Women's Health Nurse Practitioner

Type of program:

Nurse Practitioner

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):

Godchaux Hall 226

461 21st Avenue South

Nashville, TN 37240

(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number:

None provided

Email address:

VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a

Diploma in Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

Three semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Women's Health Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:

None





NURSE MIDWIFERY PROGRAMS

VANDERBILT UNIVERSITY

Name of program:

Master of Science with a focus in Nurse Midwifery

Type of program:

Nurse Midwife

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nursmidw.html

Address (including which county):

Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number:

None provided

Email address:

VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in

Nursing, you must have earned at least 78 accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

Four semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Nurse Midwifery

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed.

Advanced placement options:

None



VANDERBILT UNIVERSITY

Name of program:

Master of Science with a focus in Nurse-Midwifery/Family Nurse Practitioner

Type of program:

Nurse Midwife/Family Nurse Practitioner

School or program website:

www.mc.vanderbilt.edu/nursing/msn/nmwfam.html

Address (including which county):

Godchaux Hall 226
461 21st Avenue South
Nashville, TN 37240
(Davidson County)

Office to contact for information:

Admissions

Phone number:

(615) 322-3800

Fax number: None provided

Email address: VUSN-Admissions@vanderbilt.edu

Prerequisites for entry into the program:

All applicants must submit an official application for admission, a Statement of Career Goals, and a \$50 application fee. If you indicate several specialties on your application, please clearly indicate which specialty is your first choice. Your Goal Statement and Interview Survey responses should address your first choice of specialty. All applicants must submit official transcripts of all post high school studies. Must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. A minimum combined score of 1000 on the verbal and quantitative sections and a 3.5 on the analytic section of the GRE is required. Three letters of professional reference and a completed interview survey. All applicants must have completed certain prerequisite courses from an accredited college or university: if you have earned a B.S.N., you must have had a three semester hour or four quarter hour Statistics course; if you have earned an A.D.N. or a Diploma in Nursing, you must have earned at least 78

accredited semester or 110 accredited quarter hours including the following areas: 11 hours of natural science which must include courses in Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology; if you have earned a B.A. or B.S. in a discipline other than Nursing, you must have successfully completed 11 hours of natural science including courses in Microbiology, Human Anatomy, and Human Physiology; Statistics; Nutrition and Developmental Psychology; if you have earned at least 78 semester hours of college credits, you must have successfully completed the following courses as part of the 78 hours: 11 hours of natural science including Microbiology, Human Anatomy, and Human Physiology; 9 hours of Social Science; 6 hours of Humanities; 6 hours of English; 3 hours of Statistics; Nutrition and Developmental Psychology. In order to be considered for admission, you need to have completed at least 66 of the 78 required prerequisite hours. RN applicants must have graduated from an N.L.N. accredited school and be eligible to practice in the State of Tennessee.

Length of the program:

Five semesters

Degree or certification awarded:

Master of Science in Nursing with a focus in Nurse-Midwifery/Family Nurse Practitioner

Articulation agreements:

None

Transcript review procedures:

All applicants must submit official transcripts of all post high school studies. Students admitted to Vanderbilt University School of Nursing must have earned an undergraduate grade point average of a "B" or a 3.0 on a 4.0 scale. Applicants may request a transcript review to determine which (if any) additional courses may be needed

Advanced placement options:

None





NURSE ANESTHETIST PROGRAMS

MIDDLE TENNESSEE SCHOOL OF ANESTHESIA

Name of program:

Master of Science with a focus in Nurse Anesthesia

Type of program:

Nurse Anesthetist

School or program website:

www.mtsa.edu/

Address (including which county):

P.O. Box 6414

Madison, Tennessee 37116

(Unincorporated, but within confounds of Davidson County)

Office to contact for information:

Admissions Office

Phone number:

(615) 868-6503, or 1-888-353-MTSA

Fax number:

(615) 868-9885

Email address:

No direct email is provided; however, contact is available through a form on the website.

Prerequisites for entry into the program:

Current licensure as a professional Registered Nurse in Tennessee. A baccalaureate degree in nursing or a licensed Registered Nurse with a baccalaureate degree in any related field of science. If the baccalaureate degree is not in nursing, the applicant must have at least 15 semester hours of biophysical sciences beyond the basic nursing degree. Other prerequisites include: a minimum of one year of recent RN clinical experience, in an acute care patient

setting; current Advanced Cardiac Life Support (ACLS) Provider Status Certification. Completion of a class in physical assessment within the past five years; official transcripts of all academic work; minimum 3.0 GPA (including minimum 3.0 GPA in science areas.); Organic Chemistry; five personal references utilizing the two-page MTSA form. These must include immediate nursing supervisors and co-workers; a brief personal letter addressed to the Admissions Committee summarizing experience, with reasons for wishing to become an anesthetist; a personal interview with the Admissions Committee; results of the Graduate Record Examination (GRE).

Length of the program:

50 quarter hours; 28 months

Degree or certification awarded:

Master of Science in Nursing with a focus in Nurse Anesthesia

Articulation agreements:

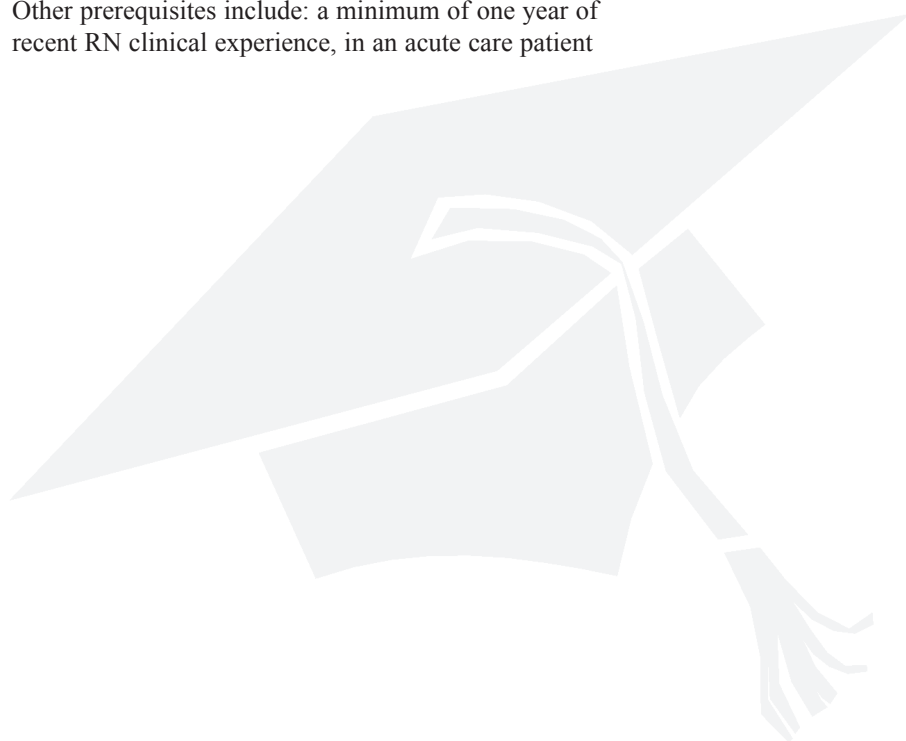
MTSA has an agreement with Vanderbilt with their Nurse Practitioner Bridge Program. Students receive a B.S.N. and a master's in the Vanderbilt program and then are eligible for interview with MTSA if they meet all admission requirements.

Transcript review procedures:

Application and transcripts along with other required materials should be sent to the admissions office for review. Transfer credits are not accepted, as all students take all of MTSA's classes at the same time.

Advanced placement options:

None



TRAINING INFORMATION

ALLIED HEALTH BY DISCIPLINE



PHYSICAL THERAPIST

BELMONT UNIVERSITY

Program name:

Physical Therapist

Program type:

Rehabilitation

Program length:

Three years, Post B.S.

Degree or certification awarded:

D.P.T. Doctorate of Physical Therapy

School or program website:

www.belmont.edu/pt/dept.cfm?idno=220

Address (including county):

1900 Belmont Boulevard

Nashville, TN 37212-3757

(Davidson)

Contact for information:

Lucy Baltimore

Phone number:

(615) 460-6726

Email address:

baltimorel@mail.belmont.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Applicants to the professional entry level Doctorate of Physical Therapy degree program must have completed or show evidence of substantial work toward the following in order to be considered for full admission:

- A completed application form with the \$50.00 nonrefundable application fee.
- Possess a baccalaureate degree from an accredited college or university (degree in any field) or be in the senior year of undergraduate study. A completed

bachelor's degree is required prior to admission, as evidenced by an official college/university transcript.

- Completion of all prerequisites within ten years prior to application. A course description for each prerequisite class from the applicable college/university catalog must be included with the application.
- Minimum overall of both undergraduate and, if applicable, graduate grade point average (GPA) of 3.0 (on a 4.0 scale).
- Minimum prerequisite grade point average (GPA) of 3.0 (on a 4.0 scale). The prerequisite course work includes:
 - A. Chemistry: 6-8 hours, 2 semesters with a lab in each
 - B. Physics: 6-8 hours, 2 semesters with a lab in each
 - C. Biology: 6-8 hours, 2 semesters with a lab in each
 - D. Human Anatomy and Physiology: 6-8 hours, 2 semesters with a lab in each
 - E. Statistics: 3 hours
 - F. Behavioral Science Courses: 9 hours
- Competitive scores on the Graduate Record Examination (GRE) taken within the past five years (School Code is 1058, Physical Therapy Code is 0619).
- Demonstration of familiarity with physical therapy in the form of a minimum of 50 hours of observational, volunteer, and/or work experience in physical therapy.
- Official transcripts for all college and university course work completed.
- Two recommendations from faculty, academic advisors, or employers addressing the applicants ability, interest, and motivation for pursuing study in physical therapy. One letter of recommendation must be from a licensed physical therapist.
- The Physical Therapy Program Admissions Committee will review the application to select the final group of applicants for interview and further review. These applicants will be invited to continue in the admission procedure by participating in the on-site portion of the admissions process. At the time of the interview, applicants will complete a writing sample on a randomly chosen topic.

MEHARRY MEDICAL COLLEGE

Program name:

Physical Therapist

Program type:

Physical Therapy

Program length:

Four+

Degree or certification awarded:

Masters in Physical Therapy (MPT)

School or program website:

www.mmc.edu

Address (including county):

1005 Dr. D.B. Todd, Jr., Blvd.

Nashville, TN 37208

(Davidson)

Contact for information:

Kathleen McEnerney, DA

Phone number:

(615) 963-5871

Email address:

kmcenerney@tnstate.edu

Articulation agreement:

Agreement with Tennessee State University (TSU).

Affiliation agreements with major health care facilities throughout Tennessee are available to provide clinical education and practical experience in selected fields. Non-local sites are also available.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

To pursue an allied health professions major, students must first apply to and be admitted by Tennessee State University. In addition to admission to the University, most AHP programs require a separate application process for admission to clinical/professional program components.

TENNESSEE STATE UNIVERSITY

Program name:

Physical Therapy

Program type:

Rehabilitation

Program length:

Three years post B.S. (103 hours)

Degree or certification awarded:

M.P.T. Physical Therapy

School or program website:

<http://www.tnstate.edu>

Address (including county):

3500 John A. Merritt Blvd.

Nashville, TN 37209

(Davidson)

Contact for information:

Physical Therapy Department, Rosalyn Pitt, P.T., Ed.D.,
Interim Department Chair.

Phone number:

(615) 963- 5881 or 963-5940

Email address:

rpitt@tnstate.edu

Articulation agreement:

Agreement with Meharry. Affiliation agreements with major health care facilities throughout Tennessee are available to provide clinical education and practical experience in selected fields.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

University requirements: All students entering from high school as well as transfer students must meet the basic university admission requirements. Admission to the university and advisement by the Physical Therapy Department do not guarantee admission to the professional course of study. Students aspiring to a career in physical therapy should have a minimum 2.8 cumulative average for post-secondary course work and a minimum of 3.0 science grade point average. Interested students may plan



to visit the Physical Therapy Department and to meet with the admissions counselor. Please call (615) 963-5940. The required **pre-professional** courses are displayed below. These courses include the basic University requirements as well as the prerequisites necessary to qualify for admission to the **professional** course of study. Students who **do not** have a bachelor's degree are responsible for providing proof of course completion in the form of official transcripts that must be received prior to the student being admitted to the professional course of study. Students who currently have a bachelor's degree are required to have all math and science prerequisites.

Required Pre-professional Curriculum

GENERAL

Orientation to Allied Health Professions
 Freshman English I and II
 Introduction to Psychology
 Developmental Psychology
 American History I and II
 Physical Education – Two activity based courses
 Health and Wellness
 First Aid and CPR
 Philosophy: Moral Issues
 Sophomore Literature I and II
 Statistics
 Technical Writing
 Humanities courses (university requirement)
 Public Speaking
 Medical Terminology
 Intro to Health Records
 Physiology of Exercise
 Intro to Computing

SCIENCE

Biology I and II
 Mathematics (Pre-cal to include Trig)
 Physics I and II
 Human Anatomy and Physiology I and II
 General Chemistry
 Organic Chemistry

THE PROFESSIONAL COMPONENT

The admissions process for the professional course of study is completed during the spring semester. Application packets are available through the Physical Therapy Department. The application packet is due to the department by April 1, 2004. Applications received after this date will be considered upon space availability. Admission to the professional course of study is competitive and admission space is limited to 24 students per class. Upon review of the submitted application packet, a select group of candidates meeting the minimum admission criteria/requirements is invited for an interview with the Department's Admission Committee.

Admissions requirements are listed below:

1. Cumulative grade point average (GPA) of 2.8 and a minimum science GPA of 3.0
2. Minimum grade of C in all prerequisite courses
3. At the time of application submission, applicant must be within 15-18 hours of completing all listed prerequisite courses
4. Must maintain the required cumulative GPA (see #1) while completing remaining prerequisites
5. Applicants holding a bachelor's degree must submit GRE (Graduate Record Exam) or MAT (Miller Analogies Test) results
6. Applicants who are accepted into the program who receive their bachelor's degree during the first year of the professional phase are required to take and submit GRE or MAT results
7. Submit a current CPR certification

Applicants meeting the following criteria receive additional points in the admission process:

1. Students who are in-state residents of Tennessee
2. Students who have spent at least one academic year successfully completing prerequisite course work at Tennessee State University
3. Students who have successfully completed the Health Career Opportunity Program (HCOP) in the School of Allied Health Professions or a comparable HCOP
4. Volunteer/work in a physical therapy service environment





PHYSICAL THERAPIST ASSISTANT

VOLUNTEER STATE COMMUNITY COLLEGE

Program name:

Physical Therapist Assistant Program

Program type:

Rehabilitation

Program length:

Two years

Degree or certification awarded:

A.A.S. Physical Therapist Assistant

School or program website:

www.volstate.edu/

Address (including county):

1480 Nashville Pike
Gallatin, TN 37066-3188
(Sumner)

Contact for information:

Dennis Dipert, Allied Health Division

Phone number:

(615) 230-3336 or (888) 335-8722, ext. 3336

Email address:

dennis.dipert@volstate.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

- Submit an application to Volunteer State Community College
- A second application form should be completed and submitted to the Division of Allied Health indicating your intent to enter the Physical Therapist Assistant Program.
- If you have not previously attended college, the Office of Counseling and Testing will schedule you for testing in the areas of reading, writing, mathematics, and algebra. You may be required to take some course work in these areas.
- Completing all courses listed under the fall and spring semesters of the freshman year as identified on the enclosed semester-by-semester sequence is required before the student may sit for the screening interview (application deadline is April 15). Interviews are held only in May of each year with classes to begin in early June. No student will be allowed to sit for the admissions interview unless all required prerequisite course work has been completed with a grade of "C" or better without special approval of the program director after consultation with the program faculty. Students without the required prerequisites will be granted permission to sit for the interview only if there are not enough fully qualified applicants to fill the class.
- During the spring semester, any individual who has the potential of meeting admission requirements and who wants to be considered for admission to the second year of the program must submit a completed screening application. That application is due in the Allied Health offices by early April of the year in which the applicant will sit for the interview. Contact the PTA program about each year's deadline.
- A physical examination is no longer a part of the admissions process. Prior to the day of registration for the summer session, any student offered admission to the program will be required to submit a proof of freedom from tuberculosis through a negative skin test or chest x-ray and immunity to rubella through a rubella titer or through an immunization since 1980. Students must obtain at their expense hepatitis B vaccine or must decline the vaccination in writing. The admission offer for any applicant failing to meet this requirement may be canceled.
- Very few students who are admitted to the PTA program fail to complete the second year for academic reasons. A few students fail to finish the program because either the program or the field is not as expected. While students are no longer required to document observation, exposure to the field should be an asset in the admissions process.



OCCUPATIONAL THERAPY

BELMONT UNIVERSITY

Program name:

School of Occupational Therapy

Program type:

Rehabilitation, Health Sciences

Program length:

Seven semesters over a 33-month period for O.T.D.

Degree or certification awarded:

O.T.D. Doctorate in Occupational Therapy, M.S. in Occupational Therapy two years post B.S.

School or program website:

www.belmont.edu

Address (including county):

1900 Belmont Boulevard

Nashville, TN 37212-3757

(Davidson)

Contact for information:

Lorry Kleinfeld, Ed.D., OTR, BCP (chair)

Phone number:

(615) 460-6706

Email address:

kleinfeldl@mail.belmont.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Admission Requirements Doctor of Occupational Therapy

Professional Entry Level Academic Program

Applicants to the professional entry level Doctor of Occupational Therapy degree program must have completed or shown evidence of substantial work toward the following in order to be considered for admission:

Applicants who already have an undergraduate degree must have:

- A baccalaureate degree in a field or major other than occupational therapy from an accredited college or university. The recommended minimum grade point average is 3.0 on a 4.0 scale.
- An acceptable score on the Graduate Record Examination (GRE) taken within the past five years. A combined score of 1000 on the verbal and quantitative portions of the GRE is recommended. GRE score reports should be forwarded to Belmont University from the Educational Testing Service (ETS). Please specify Institution Code 1058 and School Code 0618 to the ETS.

Applicants who do not have an undergraduate degree must:

- Apply for admission during their junior year while pursuing a baccalaureate degree in a field of study other than occupational therapy from an accredited college or university. Applicants must have a minimum of 90 semester credits when they start the occupational therapy classes to qualify for this program. The recommended minimum grade point average is 3.0 on a 4.0 scale.
- **Note:** Applicants to the 3+3 program are not required to take the GRE.

All applicants must submit the following:

- Submit two letters of reference with one of the letters being from an occupational therapist. Using the forms and envelopes provided, these letters of reference should be mailed directly to Belmont University's Admissions Department by the person making the recommendation.
- Demonstration of familiarity with occupational therapy in the form of 50 hours of observational, volunteer experiences or prior work experience in occupational therapy. *These hours do not have to be completed prior to the application process but must be completed before the start of occupational therapy classes.*
- A one page, handwritten essay explaining what becoming an occupational therapist means to you, based on your experience with occupational therapy.
- Prerequisite course content areas are as follows:
 1. Applicants are required to complete a minimum number of required courses before their admissions to the occupational therapy program. These are human anatomy, human physiology, and statistics. Note that grades less than "B" are unacceptable for required prerequisite courses.
 2. Applicants are **strongly recommended** to have taken a class in human growth and development, and a class in abnormal psychology.
 3. Other classes that have been found helpful to occupational therapy students include physics, sociology, effective writing, public speaking, and computer literacy.
- After an initial review of applications, individuals meeting the requirements of the program will be invited to continue in the admission procedure by participating in the interview portion of the admission process.

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Weekend Master of Science Program

This program is designed for individuals who are currently certified or licensed as health care practitioners (Certified Occupational Therapy Assistant, Nurse, Physical Therapy Assistant, etc.) and have at least one year's experience in their respective profession. Graduates of the program are eligible to take the National Board for Certification in Occupational Therapy (NBCOT) examination leading to becoming a registered occupational therapist (OTR).

All applications must be accompanied by a nonrefundable \$50.00 application fee. Checks should be made out to Belmont University. Decisions regarding the acceptability of applicants for the occupational therapy program will be made by the Occupational Therapy Admissions Committee after evaluation of all pertinent application materials. Applications can not be accurately reviewed until all application materials have been received and requirements have been met.

MEHARRY MEDICAL COLLEGE

Program name:

Occupational Therapy

Program type:

Occupational Therapy

Program length:

Four years

Degree or certification awarded:

B.S. Occupational Therapy

School or program website:

www.mmc.edu

Address (including county):

1005 Dr. D.B. Todd, Jr., Blvd.
Nashville, TN 37208
(Davidson)

Contact for information:

Kathleen McEnerney, DA

Phone number:

(615) 963-5871

Email address:

kmcenerney@tnstate.edu

Articulation agreement:

Agreement with Tennessee State University (TSU).

Affiliation agreements with major health care facilities throughout Tennessee are available to provide clinical education and practical experience in selected fields. Non-local sites are also available.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

To pursue an allied health profession major, students must first apply to and be admitted by Tennessee State University. In addition to admission to the university, most AHP programs require a separate application process for admission to clinical/professional program components.



TENNESSEE STATE UNIVERSITY

Program name:

Occupational Therapy

Program type:

Rehabilitation

Program length:

Four years

Degree or certification awarded:

B.S. Occupational Therapy (master's program expected summer of 2005)

School or program website:

www.tnstate.edu

Address (including county):

3500 John A. Merritt Blvd.

Nashville, TN 37209

(Davidson)

Contact for information:

Larry R. Synder, M.S., OTR/L, Interim Department Head

Phone number:

(615) 963-5891

Email address:

lsnyder@tnstate.edu

Articulation agreement:

Agreement with Meharry Medical College

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Entering freshman and transfer students must meet Tennessee State University admission standards and have a cumulative, science, and prerequisite grade point average of at least 2.5 on a 4.0 scale. Acceptance into the pre-professional phase of the program does not insure acceptance in the professional phase and is not prerequisite to acceptance. Acceptance into the professional program (junior and senior year courses) is the result of a competitive process separate from, and in addition to, admission to the university. Minimum requirements for application to professional student status include:

- Admission to Tennessee State University
- Successful completion of all prerequisite courses with a minimum cumulative, science, and prerequisite GPA of 2.5 on a 4.0 scale. Proof (official transcripts from all colleges and universities attended) of course completion must be provided prior to entrance into the professional component of the program.
- Submission of the completed **APPLICATION TO OCCUPATIONAL THERAPY** postmarked no later than December 31 to be considered for entry into the professional program.





OCCUPATIONAL THERAPY ASSISTANT

NASHVILLE STATE TECHNICAL COMMUNITY COLLEGE

Program name:

Occupational Therapy Assistant

Program type:

Rehabilitation

Program length:

Two years

Degree or certification awarded:

A.A.S. Occupational Therapy Assistant

School or program website:

www.nsti.tec.tn.us/

Address (including county):

120 White Bridge Rd

Nashville, TN 37209

(Davidson)

Contact for information:

Donna Whitehouse, Program Director

Phone number:

(615) 353-3382

Email address:

donna.whitehouse@nsc.c.edu

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Official transcripts must be sent to Admissions or Allied
Health Office for Review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on indi-
vidual transcript review.

Prerequisites for entry into the program:

Due to limited enrollment, students should request admis-
sion early. Contact the OTA Department concerning appli-
cation and admission procedures.

In addition to college entrance requirements, the
Occupational Therapy Assistant program requires the
following:

1. OTA application must be on file in the OTA
Department. Transcripts and ACT Compass assess-
ment scores must be on file prior to being considered
for admission into the program.
2. Students accepted in the OTA program must purchase
professional liability insurance and have health
insurance.
3. Interested applicants must participate in interview
activities.
4. Acceptance is based on grade average and interviews.
5. Additional points are given on acceptance criteria to
Tennessee residents.

Students will be responsible for travel costs, parking fees,
special projects, orientation workshop, professional and
health insurance, and relocation expenses during field-
work.





ATHLETIC TRAINING

CUMBERLAND UNIVERSITY

Program name:

Athletic Trainer

Program type:

Physical Education/Athletic Training

Program length:

Four years

Degree or certification awarded:

B.S. in Physical Education with emphasis in Athletic Training

School or program website:

www.cumberland.edu

Address (including county):

One Cumberland Square
Lebanon, TN 37087-3408
(Wilson)

Contact for information:

Danny Rogers
Head Athletic Trainer/Athletic Training Program Director

Phone number:

(615) 444-2562

Email address:

drogers@cumberland.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program: The athletic training program has a limited enrollment. Therefore, all students must make formal application, be admitted to the program, and follow the prescribed course of study. The following are the requirements for admission to the program:

- Be admitted to Cumberland University by the Office of Admissions
- Complete HPER 230 and HPER 227 with a "B" or better
- Have an overall minimum GPA of 2.50
- Completion of 100 clinical observation hours
- Completion of program application
- Three letters of recommendation
- Interview with the selection committee

Selection of students into the Athletic Training Program is made after April 15th for the next academic year.

Application materials should be completed prior to this date to be fully considered for admission to the program.

Additional information can be obtained by contacting the Athletic Training Program Director.

DAVID LIPSCOMB UNIVERSITY

Program name:

Athletic Trainer

Program type:

Athletic Training

Program length:

Four years

Degree or certification awarded:

B.S. Athletic Training

School or program website:

www.lipscomb.edu

Address (including county):

3901 Granny White Pike
Nashville, TN 37204-3951
(Davidson)

Contact for information:

Dr. Kent Johnson

Phone number:

(615) 279-5770

Email address:

kent.johnson@lipscomb.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Any college preparatory high school program will provide adequate preparation for those desiring careers in Athletic Training, Exercise Science, or Physical Education. However, it is advisable for potential majors to earn a solid science core from their high school program. All students majoring in Athletic Training must be accepted into the Athletic Training Program. To be eligible for application, each applicant must submit an application packet to the Athletic Training Program Director. This application packet must include:

- Official copy of the applicant's transcript (minimum 2.50 GPA required for admission to the Athletic Training Program)
- Two letters of reference
- Completion of the basic Athletic Training competency skills from AT 2002
- Students must meet the technical standards established by the NATA Education Council

Once the application packet is complete and submitted to the Program Director, each applicant will be interviewed

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by the Athletic Training Committee. The Athletic Training Committee will determine which applicants are admitted into the program. Most students make application to the program during the semester in which they are enrolled in AT 2002 (typically in the fall of their sophomore year). Upon gaining acceptance into the program, students must purchase Athletic Training Student liability insurance. In addition to the required courses, all students must accrue a minimum of 800 clinical hours while in the program (minimum time to accrue hours is a two-year period) and prior to graduation. Only students admitted to the Athletic Training Program can pursue a major in Athletic Training. All students must meet the NATABOC certification and CAAHEP Program requirements prior to being eligible for graduation.

MIDDLE TENNESSEE STATE UNIVERSITY

Program name:

Athletic Training

Program type:

Athletic Training

Program length:

Four years

Degree or certification awarded:

B.S. Athletic Training

School or program website:

www.mtsu.edu

Address (including county):

1301 East Main Street
Murfreesboro, TN 37132-0001
(Rutherford)

Contact for information:

Bill Whitehill

Phone number:

(615) 904-8453

Email address:

wwwhitehi@mtsu.edu

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Official transcripts must be sent to Admissions Office or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

The major in athletic training is a limited enrollment program and accepts a maximum of 20 students per year. Students are admitted during the spring semester and Summer IV session of each year. All students must make formal application, be admitted to the program, and follow a prescribed sequenced course of study. Admission to the program includes:

- Completed program application
- Three letters of recommendation
- Minimum 2.5 overall grade point average
- Successful completion of ATHT 3580, ATHT 2590, and BIOL 2010 with a minimum grade of B-
- Minimum of 24 hours of completed academic coursework
- 60 clinical observation hours





RECREATIONAL THERAPY

MIDDLE TENNESSEE STATE UNIVERSITY

Program name:

Recreational Therapy

Program type:

Recreation and Leisure Services

Program length:

Four years

Degree or certification awarded:

B.S. Recreation and Leisure Services (concentration in
Recreational Therapy)

School or program website:

www.mtsu.edu/~rls

Address (including county):

MTSU

Box 96

Dept. of HPERS

Murfreesboro, TN, 37132-0001

(Rutherford)

Contact for information:

Dr. Tara Perry

Phone number:

(615) 904-8293

Email address:

tperry@mtsu.edu

Articulation agreement:

None

**Educational transcript review procedures for transfer-
ring or returning students:**

Official transcripts must be sent to Admissions Office for
review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on indi-
vidual transcript review.

Prerequisites for entry into the program:

Specific to the profession, preferred general education
coursework would include biology and/or anatomy and
physiology, general psychology, introduction to sociology.





SPEECH-LANGUAGE PATHOLOGY/AUDIOLOGY

VANDERBILT UNIVERSITY (THROUGH VANDERBILT HOSPITAL)

Program name:

Audiology and Speech-Language

Program type:

Speech Language Pathology/Audiology

Program length:

The Master's Degree program provides clinical education leading to professional certification in speech-language pathology. The two-year program lasts five semesters, including the summer session following the first year. A broad range of clinical practicum opportunities is available. The program culminates in a ten-week clinical or research externship at a site of the student's choosing. The program exceeds American Speech-Language-Hearing Association requirements.

The Doctoral Degree program emphasizes preparation for teaching and research careers in hearing, speech, and language sciences. Prior to the dissertation, students complete two research projects, a teaching practicum and coursework both inside and outside the department, tailored to individual needs and interests. The Ph.D. degree normally requires 72 graduate credit hours. A maximum of 24 semester hours of graduate-level transfer credit may be applied toward the doctoral degree.

Degree or certification awarded:

Ph.D. Hearing and Speech Sciences (major in Audiology or Speech-Language Pathology), M.S., Speech-Language Pathology

School or program website:

<http://www.vanderbiltbillwilkersoncenter.com>

Address (including county):

Vanderbilt University, Hearing and Speech Sciences
1114 19th Ave. South
Nashville, TN 37215 (Davidson)

Contact for information:

Judy Warren, Department Secretary, or Dr. Edward Conture, Professor and Director, Graduate Studies, Hearing and Speech Sciences

Phone number:

(615) 936-5100

Email address:

judy.warren@vanderbilt.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

The Department of Hearing and Speech Sciences offers work leading to the master's degree in speech-language pathology and hearing or speech science. The Ph.D. degree is offered in audiology, speech-language pathology, and hearing or speech science. In addition, the department offers a professional doctorate of audiology, the Au.D. Information on regulations and requirements for the Ph.D. programs and the master's degrees in speech-language pathology and hearing or speech science may be found in the catalog of the Graduate School.

Applications require letters of recommendation and the Graduate Record Examination. Make inquiries to Graduate Admissions, Department of Hearing and Speech Sciences, Vanderbilt Bill Wilkerson Center, Nashville TN 37232-2197. Or you may email Judy Warren (judy.warren@vanderbilt.edu) or phone (615) 936-5103.

Students with backgrounds in such areas as communication disorders and other health related professions, biomedical sciences, psychology, and psycholinguistics are encouraged to apply. All students must possess GRE scores consistent with Vanderbilt's standards; a strong record of past academic achievement; a commitment to hearing health care; excellent oral and written skills; a willingness to work collaboratively; a strong work ethic; perseverance; and organizational and time management skills.

Deadline for application is January 15 of the year for desired fall enrollment – students accepted only in fall.

MEHARRY MEDICAL COLLEGE

Program name:

Speech Pathology and Audiology

Program type:

Speech Pathology and Audiology

Program length:

Four+

Degree or certification awarded:

M.S. Speech Pathology and Audiology

School or program website:

www.mmc.edu

Address (including county):

1005 Dr. D.B. Todd, Jr., Blvd.

Nashville, TN 37208

(Davidson)

Contact for information:

Kathleen McEnerney, DA

Phone number:

(615) 963-5871

Email address:

kmcenerney@tnstate.edu

Articulation agreement:

Agreement with Tennessee State University (TSU).

Affiliation agreements with major health care facilities throughout Tennessee are available to provide clinical education and practical experience in selected fields. Non-local sites are also available.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

To pursue an allied health profession major, students must first apply to and be admitted by Tennessee State University. In addition to admission to the university, most AHP programs require a separate application process for admission to clinical/professional program components.

MIDDLE TENNESSEE STATE UNIVERSITY

Program name:

Speech and Theatre with concentration in Communication Disorders

Program type:

Pre-Professional Speech Language with concentration in Communication Disorders

Program length:

Four years

Degree or certification awarded:

B.A., B.S. Speech and Theatre with

concentration in Communication Disorders

School or program website:

www.mtsu.edu

Address (including county):

1301 East Main Street, Box 43

Murfreesboro, TN, 37132-0001

(Rutherford)

Contact for information:

Carolyne Shaw

Phone number:

(615) 898-2661

Email address:

cshaw@mtsu.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

The Communication Disorders concentration offers students an opportunity to learn about human communication; speech, language, and hearing disorders; and intervention with children and adults diagnosed with communication problems. This pre-professional program thoroughly prepares students for graduate level study in the fields of speech-language pathology, audiology, hearing science, deaf education, and rehabilitation counseling.

Prior to enrollment in clinical practicum, students must meet acceptable academic standards: a minimal cumulative GPA of 2.5 in 60 semester hours or a GPA of 3.0 in the last 30 hours, a minimum GPA of 2.7 in the Communication Disorders concentration, and a minimum grade of C in each prerequisite course. To engage in clinical services, students also demonstrate competence in speaking and writing, and meet professional and ethical criteria deemed important by the clinical faculty.

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Communication Disorders undergraduate programs which offer both academic and clinical training are unique. The clinical methods course and the clinic courses which accompany clinical practicum highlight the relationships between academic knowledge and clinical service. Graduate programs in speech-language pathology accept 100 undergraduate clinical clock hours toward fulfillment of the American Speech-Language-Hearing Association's requirements.. Through our clinical practicum offerings, we are pleased to provide our Communication Disorders majors an opportunity to transfer clinical clock hours to their graduate programs.

TENNESSEE STATE UNIVERSITY

Program name:

Speech Language Pathology / Audiology

Program type:

Rehabilitation

Program length:

Four+ years

Degree or certification awarded:

B.S./M.S. Speech-Pathology/Audiology

School or program website:

www.tnstate.edu

Address (including county):

3500 John A. Merritt Blvd.

Nashville, TN 37209

(Davidson)

Contact for information:

Department of Speech Pathology and Audiology,

Dr. G. Pamela Burch-Sims

Phone number:

(615) 963-7081

Email address:

psims@tnstate.edu

Articulation agreement:

Agreement with Meharry Medical College.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Apply for admission to the university (and for financial aid if desired)

- Be screened for disorders of communication
- Show steady growth in development of vocabulary, reading, speaking, and writing skills
- Once accepted and enrolled in the undergraduate program, students must:
 - A. Maintain a minimum GPA of 2.0
 - B. Maintain grades of C or above in major courses
 - C. Demonstrate satisfactory progress in the academic and practicum programs





RESPIRATORY THERAPY

TENNESSEE STATE UNIVERSITY

Program name:

Cardio-Respiratory Care Sciences

Program type:

Respiratory Therapy

Program length:

Four years

Degree or certification awarded:

B.S. Respiratory Therapy

School or program website:

www.tnstate.edu

Address (including county):

3500 John A. Merritt Blvd.

Nashville, TN 37209

(Davidson)

Contact for information:

Kathleen McEnerney, DA

Phone number:

(615) 963-7431

Email address:

kmcenerney@tnstate.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Students who wish to pursue the Cardio-Respiratory Care Sciences major may apply to the CCS Admissions Committee for acceptance. Students must be formally admitted to the Cardio-Respiratory Care Sciences Program in order to take professional courses, which begin in the sophomore year. Applications for admission are accepted from students who meet the following application requirements:

Admission to Tennessee State University

- A minimum high school grade point average of at least 2.5 on a 4.0 scale.
- One year of high school algebra, biology, and chemistry.
- Completion of first year CCS curriculum with a grade point average of at least 2.5 on a 4.0 scale.
- A "C" or better grade in supporting science courses.
- Two letters of recommendation from instructors who have taught the applicant.
- An interview with the Admissions and Retention Committee or its designee.

All applicants will be screened by the Department of Cardio-Respiratory Care Sciences Admissions and Retention Committee. Applicants will be advised of the final decision regarding their acceptance into the Program by a representative of the Committee

Transfer Students

1. Applications will be accepted from transfer students from other colleges or universities or from other departments of Tennessee State University.
2. Applicants must have an overall college grade-point average of 2.5 on a 4.0 scale and meet the program admissions requirements for entering applicants. Any exceptions to the rule must be approved by the Cardio-Respiratory Care Sciences Admissions and Retention Committee.
3. Transfer credits for non-major courses will be accepted according to university policies on admission with advanced standing. All transfer credits from accredited Respiratory Care programs will be accepted where evidence is provided that the content of courses previously taken is essentially the same as the content for courses in the curriculum. No credit will be accepted for essential courses in which the student has received a grade lower than a "C."
4. In addition to the above, a Tennessee State University student seeking a transfer to the Cardio-Respiratory Care Sciences program is required to complete a Change of Major form. The Admission and Retention Committee will make the final decision regarding admission to the program. The candidate will be advised of the final decision regarding acceptance.

Students with a Science Degree or Associate Degree in Respiratory Care

Students who have a B.S. degree in science may be admitted to the program if they meet the admission criteria. They may have already taken the science courses and the general education courses. They may be able to accelerate their studies. They should consult the program director for details.

Special Requirements

Students are required to have a physical examination and obtain medical and malpractice insurance prior to clinical rotations. During clinical rotation, students may be assigned to off-campus facilities. Students are responsible for transportation costs, clinic attire, and other expenses related to clinical experiences.

VOLUNTEER STATE COMMUNITY COLLEGE

Program name:

Respiratory Care Program

Program type:

Rehabilitation

Program length:

Two years

Degree or certification awarded:

A.A.S. Certified Respiratory Care Therapist

School or program website:

www.volstate.edu/

Address (including county):

1480 Nashville Pike
Gallatin, TN 37066-3188
(Sumner)

Contact for information:

Cory Martin, Respiratory Care Program

Phone number:

(615) 230-3349 or (888) 335-8722, ext. 3349

Email address:

cory.martin@volstate.edu

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

None available

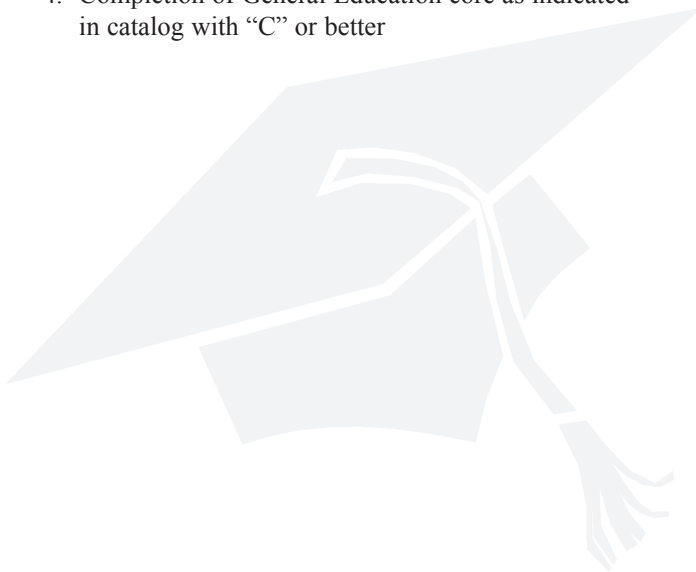
Allowable substitution coursework or experience:

None available

Prerequisites for entry into the program:

Must undergo a 12-month study program; graduates receive certificates of completion and are eligible to take a national voluntary examination that, upon passing, leads to the credential Certified Respiratory Therapist (CRT).

1. Meet all the general admission requirements of the college.
2. Submission of Respiratory Care application
3. Application deadline is April 1
4. Completion of General Education core as indicated in catalog with "C" or better





DIETETICS

DAVID LIPSCOMB UNIVERSITY

Program name:

Dietetics

Program type:

Didactic Program in Dietetics

Program length:

Four years

Degree or certification awarded:

B.S. Dietetics

School or program website:

www.lipscomb.edu

Address (including county):

3901 Granny White Pike
Nashville, TN 37204-3951
(Davidson)

Contact for information:

Nancy H. Hunt

Phone number:

(615) 269-1000

Email address:

Nancy.hunt@lipscomb.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Must meet basic university admission requirements.

Although no specific course of study is required, a strong academic background is recommended. Science, family and consumer sciences or home economics, mathematics, and communication will be especially beneficial. Contact Family and Consumer Sciences Department for further information.

MIDDLE TENNESSEE STATE UNIVERSITY

Program name:

Dietetics

Program type:

Didactic Program in Dietetics

Program length:

Four years

Degree or certification awarded:

B.S. Dietetics, M.S. Human Sciences - Nutrition

School or program website:

www.mtsu.edu

Address (including county):

1301 East Main Street
Murfreesboro, TN, 37132-0001
(Rutherford)

Contact for information:

Dellmar Walker

Phone number:

(615) 904-8076

Email address:

dewalker@mtsu.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Must meet basic university admission requirements.

Contact Nutrition and Food Sciences Department for further requirements.



TENNESSEE STATE UNIVERSITY

Program name:

Dietetics

Program type:

Didactic Program in Dietetics

Program length:

Four years

Degree or certification awarded:

B.S. Dietetics

School or program website:

www.tnstate.edu

Address (including county):

3500 John A. Merritt Blvd.

Nashville, TN 37209

(Davidson)

Contact for information:

Sandria L. Godwin

Phone number:

(615) 963-5619

Email address:

sgodwin@tnstate.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

To pursue an allied health profession major, students must first apply to and be admitted by Tennessee State University. In addition to admission to the university, most AHP programs require a separate application process for admission to clinical/professional program components.





MEDICAL ASSISTING

DRAUGHONS JUNIOR COLLEGE

Program name:

Medical Assistant

Program type:

Medical Assisting

Program length:

12 months – two years

Degree or certification awarded:

Diploma

School or program website:

www.draughons.org/Pages/NV/NV_Home.htm

Address (including county):

340 Plus Park Blvd

Nashville, TN 37217

(Davidson and Rutherford)

Contact for information:

Admissions Office

Phone number:

(615) 361-7555

Email address:

admissions@draughons.org

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Draughons Junior College will transfer up to 36 semester hours of credits toward a degree and 18 semester hours toward a diploma from any accredited two or four year institution as long as:

1. the course is equivalent in content to a course offered by Draughons Junior College;
2. the number of credit hours awarded equals or exceeds the number awarded for the equivalent course;
3. the student earned a grade of “C” or better;
4. the student earned the credits prior to enrolling at Draughons Junior College;
5. the student moves out of state or out of commuting distance and was near the completion of the student’s program of study at the time of the move.

At the time of the student’s graduation from Draughons, the transfer grades will be averaged into the final grade point average.

Transfer credits earned in courses not corresponding with the curriculum of Draughons Junior College may be entered on the student’s transcript as elective credits but will not be included in the final grade point average.

Prerequisites for entry into the program:

Students applying for admission to Draughons Junior College are required to have a high school diploma or to have satisfied graduation requirements through the General Educational Development (GED) test to be considered for admission. All prospective students must take an assessment with the exception of those who have a composite score of 18 on the ACT or who have transfer credit in English or mathematics.



HIGH TECH INSTITUTE

Program name:

Medical Assistant

Program type:

Medical Assisting

Program length:

63 weeks

Degree or certification awarded:

A.A.S. Medical Assisting

School or program website:

www.hightechinstitute.com

Address (including county):

2710 Old Lebanon Road

Nashville, TN 37214

(Davidson)

Contact for information:

Submit request form on website or call for further information.

Phone number:

(800) 987-0110 or (615) 232-3700

Email address:

Submit email via website

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Each course stands alone as a unit of study and is not dependent upon prerequisite training. A student may enter the program at the beginning of any course and continue through the sequence until completion of all courses.

NASHVILLE COLLEGE OF MEDICAL CAREERS

Program name:

Medical Assistant

Program type:

Medical Assisting

Program length:

Nine months

Degree or certification awarded:

Certificate

School or program website: www.Nashvillecollege.com

Address (including county):

1556 Crestview Dr.

Madison, TN 37115

(Davidson)

Contact for information:

Admissions Office

Phone number:

(615) 868-2963

Email address:

nashcol@aol.com

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Applicant must be at least seventeen (17) years of age when the school term begins.

1. Applicants entering a program must hold a high school diploma or equivalent (i.e., GED) awarded by an approved high school.
2. Applicants who do not hold a high school diploma or GED and have passed the compulsory school attendance age are required to take an entrance examination as proof that they would benefit from this training. A licensed counselor is available as needed for all ATB students.
3. Applicant must be of good moral character and must submit the names and addresses of two references.
4. The applicant must be in good physical health when the term begins.
5. A transcript, diploma, or GED scores must be submitted from the accepted student's high school and/or college, which he/she previously attended.
6. A recent photograph of the student must be submitted.
7. A personal interview and college tour must be conducted prior to admission.



NATIONAL COLLEGE OF BUSINESS AND TECHNOLOGY

Program name:

Medical Assistant

Program type:

Medical Assisting

Program length:

Two years

Degree or certification awarded:

A.A.S. Medical Assisting

School or program website:

www.nationalbusiness.edu/

Address (including county):

3748 Nolensville Pike

Nashville, TN 37211

(Davidson)

Contact for information:

Admissions

Phone number:

(615) 333-3344

Email address:

Contact via online form on website

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Graduation from high school is a minimum requirement for admission to National. Those who have satisfied graduation requirements through the General Education Development (GED) Test are also eligible for admission.

In addition to the above requirements, those who enroll in the Medical Assisting program will be required to take a physical during their first quarter of attendance. Cost of the physical is the responsibility of the student.

REMINGTON COLLEGE

Program name:

Medical Assistant

Program type:

Medical Assisting

Program length:

Varies with student goals

Degree or certification awarded:

Contact Admissions

School or program website:

www.careerdegreess.com/web/eduamerica/index.jsp?mc=1-800-833-8064&CLK=4041214031388997&

Address (including county):

441 Donelson Pk., Suite 150

Nashville, TN 37214

(Davidson)

Contact for information:

Admissions Office

Phone number:

(615) 889-5520

Email address:

Submit email via website

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Contact Admissions Office



SOUTHEASTERN CAREER COLLEGE

Program name:

Medical Assistant

Program type:

Medical Assisting

Program length:

Varies

Degree or certification awarded:

Contact Admissions

School or program website:

www.southeasterncareercollege.com/

Address (including county):

100 Oaks Office Tower, Suite 600

719 Thompson Lane

Nashville, TN 37204

(Davidson)

Contact for information:

Admissions Office

Phone number:

(615) 297-1781

Email address:

Submit email via website

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Contact Admissions.





SURGICAL TECHNOLOGY

HIGH TECH INSTITUTE

Program name:

Surgical Technologist

Program type:

Surgical Technology

Program length:

72 weeks

Degree or certification awarded:

A.A.S. Surgical Technology

School or program website:

www.hightechinstitute.com

Address (including county):

2710 Old Lebanon Road

Nashville, TN 37214

(Davidson)

Contact for information:

Submit request form on website or call for further information.

Phone number:

(800) 987-0110 or (615) 232-3700

Email address:

Submit email via website

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Each course stands alone as a unit of study and is not dependent upon prerequisite training. A student may enter the program at the beginning of any course and continue through the sequence until completion of all courses.

NASHVILLE STATE TECHNICAL COMMUNITY COLLEGE

Program name:

Surgical Technologist

Program type:

Surgical Technology

Program length:

32 hours

Degree or certification awarded:

Certificate

School or program website:

www.nsti.tec.tn.us/

Address (including county):

120 White Bridge Rd.

Nashville, TN 37209

(Davidson)

Contact for information:

Van Bates, Program Coordinator

Phone number:

(615) 353-3340

Email address:

Van.bates@nscc.edu

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

The application process for the Surgical Technology Program is as follows:

- Submit an application for admission to the Admissions Department (if you are presently taking classes here you do not need to do this).
- Have transcripts from your high school (or an official copy of your GED score) and transcripts from any other college you attended sent to the admissions office.
- Take the Compass Placement Test if:
- You are under 21 years of age and have an ACT math, English, or composite score of 18 or less (or SAT score of 710 or less); and
- You have not successfully passed either college-level English and math courses or completed remedial arithmetic (DSPM 0700) and developmental reading or writing (DSPR 0800, DSPW 0800) with a grade of C or higher.

Continued on page 106

- Call or email our department to let us know that you have completed the first three steps and that you want to set up an interview.
- You must have completed any required remedial/developmental courses (as determined by placement test scores) before an interview will be granted. These courses include: DSPR 0700, DSPR 0800, DSPW 0700, DSPW 0800, DSPM 0700
- The application process MUST be completed no later than the above stated deadlines.

Acceptance into the Program will be based on previous grade point average, interview score, successful completion of courses counting toward Surgical Technology Program (see below) with a C (75) or higher, previous work in the medical field, and Tennessee residency. (Tennessee residency is not a requirement for the program.)

TENNESSEE TECHNOLOGY CENTER, DICKSON

Program name:

Surgical Technology

Program type:

Surgical Technology

Program length:

One year/1,296 hours

Degree or certification awarded:

Certificate, Surgical Technology

School or program website:

www.dickson.tec.tn.us/

Address (including county):

740 Highway 46
Dickson, TN 37055
(Dickson)

Contact for information:

Gary Fouts

Phone number:

(615) 441-6220

Email address:

GFouts@dickson.tec.tn.us

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

All programs: Preference for admission is given to students who are residents of the State of Tennessee. The Technology Center training programs are designed to prepare students for specific technical careers. Prospective students are urged to submit an application to the front office, tour the department, and meet the instructor prior to enrollment.

Enrollment is on first-come, first-served basis. The minimum age for enrollment is 18, unless specified by other admissions standards. Testing includes the Plato/Work Keys Locator Tests, AVT Basic Skills Assessment Program, or the NET Test, depending on the program selected.

Additional entrance requirements:

Practical nursing, surgical technology, and dental assisting students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination. The Departmental Advisory Committee reviews all applications for admission and recommends applicants for acceptance.

The Surgical Technology Program admits a class each October. Contact the school in June for information sessions to be held in July.

TENNESSEE TECHNOLOGY CENTER, MURFREESBORO

Program name:

Surgical Technology

Program type:

Surgical Technician

Program length:

One year

Degree or certification awarded:

Diploma, Surgical Technician

School or program website:

www.murfreesboro.tec.tn.us/

Address (including county):

1303 Old Fort Parkway
Murfreesboro, TN 37129
(Rutherford)

Contact for information:

Mike Ford

Phone number:

(615) 898-8010

Email address:

mford@murfreesboro.tec.tn.us

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Contact the center to obtain an application form.

1. Complete the application and file it with the Student Services Office.
2. Discuss primary vocational objectives with the counselor.
3. Each student enrolling in a full-time program or Technology Foundation/GED Prep will undergo the Technology Foundations Assessment Program. If a student is found deficient in reading, writing, mathematics or study skills, he/she will attend the center's Technology Foundations program as a part of the instructional day. This highly individualized activity is designed to assist the student in making satisfactory progress in his/her chosen program.
4. Although neither a high school diploma nor a GED is required for admission, all students are encouraged to pursue such and will normally be enrolled in a GED preparation program while pursuing their vocation.
5. To assist applicants with the selection of a suitable program, those enrolling without a high school diploma or GED may be referred for an ability to benefit test. Applicants will be notified of place, date, and time of testing.
6. REMEMBER TO APPLY EARLY! Some programs may have a waiting list due to high demand.
Specific requirements:
 - a. Must be 18 years old or older.
 - b. Must provide proof of high school diploma or GED.
 - c. Must score a minimum of 70 on the California Achievement test.
 - d. Must receive hepatitis B vaccine series.
 - e. Must receive medical/physical examination.



EMERGENCY MEDICAL TECHNICIAN

BASIC, INTERMEDIATE, AND PARAMEDIC



VOLUNTEER STATE COMMUNITY COLLEGE

Program name:

EMT Basic

Program type:

Emergency Medical

Program length:

Two semesters

Degree or certification awarded:

Certificate Emergency Medical Technician - Basic

School or program website:

www.volstate.edu/

Address (including county):

1480 Nashville Pike

Gallatin, TN 37066-3188

(Sumner)

Contact for information:

Ric Collier, EMT Education Program Office

Phone number:

(615) 230-3346

Email address:

ric.collier@volstate.edu

Articulation agreement: None

**Educational transcript review procedures for
transferring or returning students:**

Not available

Allowable substitution coursework or experience:

Not available

Prerequisites for entry into the program:

This program is open to all students making application to the college and paying all appropriate application fees.

Students MUST be 18 years old and possess a high school diploma or GED, demonstrate the ability to read and write the English language, and have no history of prior felony convictions. Students should be physically able to perform heavy lifting or strenuous activity for extended periods of time and must demonstrate the ability to perform these tasks during classroom and clinical periods. To graduate with the Basic EMT Certificate, the student MUST complete all required courses and clinical components with a "C" average or better. Students must also verify licensure eligibility and submit the necessary graduation application forms.





DIAGNOSTIC RADIOLOGIC TECHNOLOGY

VOLUNTEER STATE COMMUNITY COLLEGE

Program name:

Radiologic Technology Program

Program type:

Medical Imaging

Program length:

Two years

Degree or certification awarded:

A.A.S. Radiologic Technology

School or program website:

www.volstate.edu

Address (including county):

1480 Nashville Pike
Gallatin, TN 37066-3188
(Sumner)

Contact for information:

Program Director – Monica M. Korpady

Phone number:

(615) 230-3651 or (888) 335-8722, ext. 3651

Email address:

monica.korpady@volstate.edu

Articulation agreement:

Austin Peay State University

Educational transcript review procedures for transferring or returning students:

Admissions Department reviews all general education courses.

Program Director reviews radiology transfer student transcripts.

Allowable substitution coursework or experience: None

Prerequisites for entry into the program:

Your first step is to complete an Application to Volunteer State Community College.

The following must be completed by May 1 of each year and no exceptions will be acknowledged:

1. Successfully complete all remedial and/or developmental courses that may be required. Must be completed with a "C" or better.
2. Successfully complete BIOL 2010, Human Anatomy, and Physiology I with a "C" or better.
3. Submit a radiology application.
4. Three (3) letters of recommendation must be submitted on letterhead stationery. Previous employers or instructors are helpful.

The letters should be addressed to:

The Radiologic Technology Advisory Board
Committee in care of:

Volunteer State Community College
Radiologic Technology Program
1480 Nashville Pike
Gallatin, TN 37088-3188

Observation of 16 hours must be completed in one of our eight affiliate hospitals.

NASHVILLE GENERAL HOSPITAL AT MEHARRY

Program name:

Radiology Technology

Program type:

Radiology Technology

Program length:

Two years

Degree or certification awarded:

Certificate

School or program website:

www.nashville.gov/general_hospital/radiology.htm

Address (including county):

1818 Albion Street
Nashville, TN 37208
(Davidson)

Contact for information:

Craig Shephard

Phone number:

(615) 341-4000

Email address:

Craig.shephard@gh.nashville.org

Articulation agreement:

Agreements with Volunteer State Community College and Nashville State Technical Community College

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to school for review.

Allowable substitution coursework or experience: None

Prerequisites for entry into the program:

High school graduation or GED certificate, three letters of recommendation, all high school and college transcripts, letter stating why interested in radiologic technology, completed application form, \$50 application fee, interview with admissions committee.





RADIATION THERAPY

MIDDLE TENNESSEE STATE UNIVERSITY

Program name:

Radiation Therapy

Program type:

Medical Imaging

Program length:

Four years

Degree or certification awarded:

B.S. Health Sciences: Radiation Therapy

School or program website:

www.mtsu.edu

Address (including county):

1301 East Main Street
Murfreesboro, TN 37132-0001
(Rutherford)

Contact for information:

Dr. M. Jo Edwards

Phone number:

(615) 898-5950

Email address:

mjedward@mtsu.edu

Articulation agreement:

The radiation therapy program is affiliated with MTSU at Vanderbilt Hospital in Nashville and Baptist Memorial College of Health Sciences in Memphis. Upon completion of the pre-professional curriculum at MTSU, separate application must be made to an approved radiation therapy program. Additional admission requirements for Vanderbilt Hospital include job shadowing in Radiation Therapy and completion of a Certified Nurse Assistant, CNA, program. Students planning to apply to other institutions should write those institutions requesting a catalog. It is important that you obtain the appropriate radiation therapy technology catalogs early in your pre-radiation therapy technology program.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Completion of the pre-radiation therapy curriculum, job shadowing, completion of a CNA program, separate application to Vanderbilt's Radiation Therapy Program or an approved radiation therapy program



VANDERBILT UNIVERSITY

Program name:

Radiation Therapy

Program type:

Radiation Therapy

Program length:

12 months

Degree or certification awarded:

Certification of completion

School or program website:

www.mc.vanderbilt.edu/alliedhealth/

Address (including county):

Vanderbilt Center for Radiation Oncology

1301 22nd Avenue South B-902 TVC

Nashville, TN 37232-5671

(Davidson)

Contact for information:

Teresa L. Bruno, Director

Phone number:

(615) 322-2555

Email address:

teresa.bruno@mcmail.vanderbilt.edu

Articulation agreement:

None; Agreement with satellite clinic in Franklin, Tennessee, for clinical experiences.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Radiation Therapy Department for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

The prospective student initiates the application process.

Upon receipt of a student's inquiry, the program office will mail an application packet, which consists of an application checklist, cover letter, the application form, a clinical site visit form, and three professional reference forms.

The completed application, clinical site visit form, transcripts, and recommendation forms must be in prior to the scheduling of a personal interview and must be in by **April 1** of the year in which admission is sought.

The Admissions Committee will review submitted applications and select those who will be requested to attend the next step of the admission process, the formal interview.

During the interview, the members of the Admissions Committee as a group meet with each candidate. They will ask a series of questions designed to determine interest, motivation, and communication skills. At the time of the interview the student is evaluated on his/her transcripts, professional recommendations and overall interview.

Upon the completion of the interviews, the Admission Committee will select students for the upcoming class. Students are notified in writing of acceptance status. The selected students must reply, in writing, within ten days of receipt of acceptance letter. At that point, the student must submit a \$500.00, nonrefundable deposit to hold a place in the upcoming class.

The student selection process is competitive; the Admissions Committee selects applicants on a comparative basis. The student selection process does not discriminate against a student on the basis of handicap, sex, age, race, creed, religion, or national origin.

The following criteria are used to evaluate each prospective student:

1. Application form
2. Review of three completed professional references
3. Review of transcripts from all post-secondary educational institutions
4. Interview by the Admissions Committee with satisfactory assessment
5. Completion of a clinical site visit

Each interviewed applicant is given an opportunity for observational experience or a tour of the department.

Two avenues to fulfill the prerequisite:

1. Completion of the Pre-Radiation Therapy curriculum at program affiliate, Middle Tennessee State University.
2. Graduation from an accredited program in radiography

Radiography Curriculum Components

Anatomy and Physiology	6 hours
English	3 hours
Algebra/College Math	3 hours
Social Science	3 hours
Radiographic Principles	9 hours
Clinical/Practicum	30 hours
Radiation Physics	3 hours
Radiation Safety	3 hours
Radiobiology	3 hours
Pathophysiology	3 hours
Computer Applications	3 hours



NUCLEAR MEDICINE TECHNOLOGY

BELMONT UNIVERSITY

Program name:

Medical Imaging Technology

Program type:

Nuclear Medicine

Program length:

Three years, post B.S.

Degree or certification awarded:

B.S. Medical Imaging Technology

School or program website:

www.belmont.edu/chemphys/dept.cfm?idno=121

Address (including county):

1900 Belmont Boulevard

Nashville, TN 37212-3757

(Davidson)

Contact for information:

Chemistry and Physics

Phone number:

(615) 460-6000

Email address:

Submit e-mail via website.

Articulation agreement:

Vanderbilt University

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

The Medical Imaging Technology Major (B.S.) prepares students for a career in the growing medical field of nuclear medicine. It is offered in conjunction with the School of Allied Health at Vanderbilt University. The program of study includes three years of study at Belmont and one year of clinical training at Vanderbilt. Upon successful completion, students receive a B.S. degree with a major in medical imaging technology and a minor in physics from Belmont and a certificate from the School of Allied Health of Vanderbilt. A graduate can become a nuclear medicine technologist and apply for state and national licensure. Prospective students should contact the Chemistry and Physics department for specific prerequisites for admission.

MIDDLE TENNESSEE STATE UNIVERSITY

Program name:

Nuclear Medicine Technology

Program type:

Medical Imaging

Program length:

Four years

Degree or certification awarded:

B.S. Health Sciences: Nuclear Medicine Technology

School or program website:

www.mtsu.edu

Address (including county):

1301 East Main Street

Murfreesboro, TN 37132-0001

(Rutherford)

Contact for information:

Dr. Andrew Burden or Dr. M. Jo Edwards

Phone number:

(615) 898-8195 or 898-5950

Email address:

daburden@mtsu.edu or mjedward@mtsu.edu

Articulation agreement:

The Nuclear Medicine Technology program is affiliated with the University of Tennessee School of Nuclear Medicine Technology. Upon completion of the pre-professional curriculum at MTSU, separate application must be made to an approved nuclear medicine technology program. Additional admission requirements include job shadowing in nuclear medicine technology and completion of a certified nurse assistant, CNA, preferred. Students planning to apply to other institutions should write those institutions requesting a catalog. It is important that you obtain the appropriate radiation therapy technology catalogs early in your pre-radiation therapy technology program.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Completion of the pre-nuclear medicine curriculum or a B.S. degree in medical technology, nursing, biology, chemistry, math, or physics which included chemistry, physics, anatomy/physiology, and algebra.

VANDERBILT UNIVERSITY

Program name:

Nuclear Medicine Technology

Program type:

Nuclear Medicine Technology

Program length:

12 months

Degree or certification awarded:

Certificate

School or program website:

www.mc.vanderbilt.edu/alliedhealth/

Address (including county):

VUMC, Radiology Rm. CCC1124MCN

Nashville, TN 37232-2675

(Davidson)

Contact for information:

James A. Patton, Coordinator

Phone number:

(615) 322-0508

Email address:

jim.patton@vanderbilt.edu

Articulation agreement:

Agreements with Belmont University and

Austin Peay State University

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to the Nuclear Medicine Technology Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

The prospective student initiates the application process.

Upon receipt of a student's inquiry, the program office will mail an application packet, which consists of an application checklist, cover letter, the application form, a clinical site visit form and three professional reference forms.

The completed application, clinical site visit form, transcripts and recommendation forms must be in prior to the scheduling of a personal interview and must be in by **April 1** of the year in which admission is sought.

The Admissions Committee will review submitted applications and select those who will be requested to attend the next step of the admission process, the formal interview.

During the interview, the members of the Admissions Committee as a group meet with each candidate. They will ask a series of questions designed to determine interest, motivation, and communication skills. At the time of the interview the student is evaluated on his/her transcripts, professional recommendations, and overall interview.

Upon the completion of the interviews, the Admission Committee will select students for the upcoming class.

Students are notified in writing of acceptance status. The selected students must reply, in writing, within ten days of receipt of acceptance letter. At that point, the student must submit a \$500.00, nonrefundable deposit to hold a place in the upcoming class.

The student selection process is competitive; the Admissions Committee selects applicants on a comparative basis. The student selection process does not discriminate against a student on the basis of handicap, sex, age, race, creed, religion, or national origin.

The following criteria are used to evaluate each prospective student:

1. Application form
2. Review of three completed professional references
3. Review of transcripts from all post-secondary educational institutions
4. Interview by the Admissions Committee with satisfactory assessment
5. Completion of a clinical site visit

Each interviewed applicant is given an opportunity for observational experience or a tour of the department.





DIAGNOSTIC MEDICAL SONOGRAPHY

VANDERBILT UNIVERSITY (THROUGH VANDERBILT HOSPITAL)

Program name:

Diagnostic Medical Sonography Technical Certificate
Program

Program type:

General Sonography

Program length:

18 months

Degree or certification awarded:

Certificate Medical Sonography

School or program website:

www.mc.vanderbilt.edu/radiology/education/diagnostic-sonographytech.php

Address (including county):

VUMC School of Diagnostic Medical Sonography
MCN CCC-1121
1161 21st Ave. S
Nashville, TN 37232-2675
(Davidson)

Contact for information:

Jill Herzog, Program Director

Phone number:

(615) 322-4030

Email address:

jill.herzog@vanderbilt.edu

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

None available

Allowable substitution coursework or experience:

None available

Prerequisites for entry into the program:

Candidates for admission must satisfy the following criteria by submission of official post-secondary transcripts: high school graduate AND one of the following options:

- Graduate of a 2-year or 4-year accredited allied health program in direct patient care and possess the recognized credential for his/her specialty
OR
- Bachelor's degree from an accredited college or university with a cumulative GPA of no less than 2.5
OR
- Demonstrate eligibility for the bachelor's degree in radiological technology from Austin Peay State University upon completion of the VUMC School of DMS curriculum. (This option requires recommendation from the APSU faculty advisor.)

All post-secondary coursework must have included the following prerequisite courses:

- Algebra or college math equivalent
- General Physics
- Minimum of two semesters of biological sciences, including one semester of human anatomy **and** physiology
- Medical terminology
- English composition or speech

Deadline for application is February 1 of the year for desired enrollment.



VOLUNTEER STATE COMMUNITY COLLEGE

Program name:

Diagnostic Medical Sonography Technical Certificate
Program

Program type:

Medical Imaging

Program length:

13 months

Degree or certification awarded:

Certificate Medical Sonography

School or program website:

www.volstate.edu/

Address (including county):

1480 Nashville Pike
Gallatin, TN 37066-3188
(Sumner)

Contact for information:

Gene Spain, Program Director

Phone number:

(615) 230-3339

Email address:

gene.spain@volstate.edu

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

None available

Allowable substitution coursework or experience:

None available

Prerequisites for entry into the program:

Meet all the general admission requirements of Vol State.

1. Must have ONE of the following qualifications:
 - Associate degree
Degree in an AMA-approved allied health program that is patient-care related. (Allied health occupations include Radiologic Technologist, Respiratory Therapist, Occupational/Physical Therapist Assistant, and Registered Nurse.)
 - Bachelor's degree
Anatomy **and** Physiology I **and** II, Biology, and Medical Terminology are considered mandatory courses before consideration of application can be made.
2. Submit an Allied Health Department application and a copy of all transcripts to the DMS program director and an official copy of transcripts to the Office of Admissions.
3. Provide to the DMS program director documented evidence of a minimum of four hours of observation in an ultrasound department.
4. Submit two letters of recommendation to the DMS program director.
5. Submit a resume to DMS program director.





MEDICAL TECHNOLOGY (INCLUDING PHLEBOTOMY)

MIDDLE TENNESSEE STATE UNIVERSITY

Program name:

Medical Technology

Program type:

Clinical Laboratory Services

Program length:

Three years

Degree or certification awarded:

B.S. Medical Technology

School or program website:

www.mtsu.edu

Address (including county):

1301 East Main Street
Murfreesboro, TN 37132-0001
(Rutherford)

Contact for information:

Jennifer Braswell

Phone number:

(615) 898-5465

Email address:

jbraswell@mtsu.edu

Articulation agreement:

Tennessee State University-Meharry, Nashville; Vanderbilt University, Nashville; and St. Francis Hospital, Memphis.

**Educational transcript review procedures for
transferring or returning students:**

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Medical technology is a popular allied health field of study. The program usually includes three years of study at Middle Tennessee State University and completion of a 12-month medical technology program within a school of medical technology approved by the American Society of Clinical Pathologists. Schools of medical technology which have contractual affiliations with MTSU are: St. Thomas Hospital, Nashville; Tennessee State University-Meharry, Nashville; Vanderbilt University, Nashville; and St. Francis Hospital, Memphis.

The University of Tennessee, Memphis, Health Science Center, has a two plus two (2 + 2) program involving two years of pre-professional work at MTSU followed by two years at UT Memphis.

There is a four plus one (4 + 1) program for people who already have the B.S. degree. This requires an additional year of study in an approved medical technology program beyond the baccalaureate degree. It is possible to enroll in the graduate school at MTSU and receive credit in a medical technology Career Track Program toward the M.S. in biology.

Please contact the Medical Technology Program for further information on entrance requirements.



TENNESSEE STATE UNIVERSITY

Program name:

Medical Technology

Program type:

Clinical Laboratory Services

Program length:

Four years

Degree or certification awarded:

B.S. Medical Technology

School or program website:

www.tnstate.edu

Address (including county):

3500 John A. Merritt Blvd.

Nashville, TN 37209

(Davidson)

Contact for information:

Theola Copeland, Head Medical Technology

Phone number:

(615) 963-5062

Email address:

tcopeland@tnstate.edu

Articulation agreement:

Meharry Medical College and Trevecca University

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Students wishing to pursue the B.S. in medical technology must meet minimum admission criteria of Tennessee State University. In addition applicants must meet one of the following:

- High school graduation with a minimum cumulative grade point average of 2.5 on a 4.0 scale.
- GED test scores of 50 or above for the five subjects tested.
- A minimum composite test score of 19 on the ACT. Transfer Students
- Applicants will be accepted as transfer students from other colleges or universities or from other departments of Tennessee State University. Applicants with fewer than 30 semester credit hours in courses required by this program must have an overall college grade point average of 2.5 on a 4.0 scale and meet the admission requirements for first year freshman applicants. Applicants with 30 or more semester credit hours will be admitted if they have maintained an overall college grade point average of 2.5 or above on a 4.0 scale.
- Transfer credits for non-major courses will be accepted according to university policies on admission with advanced standing. All transfer credits from accredited content of courses previously taken is essentially the

same as the content of courses in this curriculum. No credit will be accepted for major field courses in which the student has earned a grade lower than "C."

Professional (Clinical) Component

Application for admission to the professional (clinical) year of the medical technology program is required.

Applicants must meet one of the following criteria for acceptance.

- Tennessee State University students who have met retention requirements and completed the prescribed curriculum will progress directly into the professional (clinical) component of the program.
- Applicants from affiliated institutions who have successfully completed the agreed upon three-year preclinical curriculum will be admitted to the professional component on a competitive basis.
- Individuals who possess a baccalaureate degree in biology or chemistry and wish to receive a certificate of training in medical technology must have college credit in immunology, microbiology (bacteriology), organic chemistry, and/or biochemistry prior to being admitted to the professional component on a competitive basis.
- Individuals who possess an A.S. degree in medical laboratory technology and who wish to receive a B.S. in medical technology must complete a minimum 16 week clinical practicum in a National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) approved medical laboratory technology program. These individuals must complete general education requirements for the B.S. degree as well as science and mathematics prerequisites for the medical technology program and at least 17 hours of 400 level medical technology courses (cooperative lecture). Students must have completed a minimum of 48 credit hours at the 300-400 level. Electives may be taken in biology, chemistry, or other related field.
- Individuals who wish to receive a certificate in medical technology must complete all science prerequisites for the medical technology professional program.

All Applicants

Prior to enrolling in the clinical component of the program, the student must be evaluated by the medical technology faculty. Requirements include:

Prerequisites**• Chemistry**

20 semester hours including organic chemistry

• Biological Sciences

16 semester hours including bacteriology and immunology

• Mathematics

Three semester hours (minimum of one college level course)

• Letters of recommendation

Two from science professors

One from major advisor

Continued on page 118

- An interview which includes a review of the technical standards of the medical technology program.

Applicants are given a copy of the technical standards of the medical technology program.

Technical standards represent the essential non-academic requirements of the program that students must master to participate successfully in the program and become employable. A list of these standards follows:

1. Manual Dexterity: Ability to use hand(s) or terminal devices with coordination.
2. Fine Motor: Ability to manipulate small objects with fingertips or adaptive devices.
3. Mobility: Ability to maneuver in the laboratory and around instruments in patient-care settings.
4. Vision: Ability to distinguish red, yellow, and blue colors; distinguish clear from cloudy, and see through a microscope.
5. Hearing: Ability to adapt with assistive devices such as a telephone receiver, hearing aid, etc.
6. Speech: Ability to verbally communicate understandably in English.
7. Writing: Ability to communicate effectively in the written form in English.
8. Reading: Ability to read, understand, and follow directions printed in English.



TREVECCA UNIVERSITY

Program name:

Medical Technology

Program type:

Clinical Laboratory Services

Program length:

3 + 1 program (senior clinical year included at any NAACLS-approved programs).

Degree or certification awarded:

B.S. Medical Technology

School or program website:

www.trevecca.edu

Address (including county):

333 Murfreesboro Road
Nashville, TN 37210-2877
(Davidson)

Contact for information:

E. Christis Farrell
Director of Medical Technology

Phone number:

(615) 248-1631

Email address:

cfarrell@trevecca.edu

Articulation agreement:

Agreements with Vanderbilt, Meharry Medical College, and Tennessee State University

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

A freshman applicant will be admitted to Trevecca Nazarene University provided one of the following two conditions is met:

- A high school grade point average of 2.5 or above based on a 4.0 scale.
- An ACT composite score of 18 or above, or SAT composite score of 860 or above.

Admission on Academic Restriction

If neither of the admissions conditions is met, a freshman applicant who has an ACT composite score of 15-17 or an SAT composite score of 720-860 AND a minimum high school grade point average of 2.0 on a 4.0 scale will be granted admission on academic restriction.

Restrictions are:

- A study skills course is required during the first semester of enrollment.
- The student is limited to a maximum of 14 credit hours of class work.
- The student's progress will be monitored through interviews and regular progress reports under the supervision of the assistant academic dean.

- All developmental courses required by placement testing will be taken in specified sequence.

Restriction will be lifted when study skills and all developmental courses are completed successfully and the student has achieved a grade point average above probational level.

Admission of High School Graduates

Freshman admission requirements include graduation with a least 15 units of credit from an approved secondary school. It is recommended that for the best preparation for college, secondary school credits should include:

- English - 4 units
- Mathematics - 2 units
- Foreign Language - 2 units
- Natural Science - 1 unit
- Social Science - 2 units

This background provides a broad foundation for college studies.

Trevecca accepts as the official academic admissions document the American College Test (ACT). The ACT is used for placement testing, academic advising, and scholarships.

Please contact the Medical Technology Program for other specific admission criteria

MEHARRY MEDICAL COLLEGE

Program name:

Medical Technology

Program type:

Medical Technology

Program length:

Four years

Degree or certification awarded:

Bachelor of Science (B.S.)

School or program website:

www.mmc.edu

Address (including county):

1005 Dr. D.B. Todd, Jr., Blvd.
Nashville, TN 37208
(Davidson)

Contact for information:

Kathleen McEnerney, DA

Phone number:

(615) 963-5871

Email address:

kmcenerney@tnstate.edu

Articulation agreement:

Agreement with Tennessee State University (TSU) and Trevecca University. Affiliation agreements with major health care facilities throughout Tennessee are available to provide clinical education and practical experience in selected fields. Non-local sites are also available.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

To pursue an allied health profession major, students must first apply to and be admitted by Tennessee State University. In addition to admission to the university, most AHP programs require a separate application process for admission to clinical/professional program components.



FISK UNIVERSITY

Program name:

Medical Technology

Program type:

Pre-Medical Technology

Program length:

Please contact Admissions

Degree or certification awarded:

Please contact Admissions

School or program website:

www.fisk.edu

Address (including county):

1000 Seventeenth Ave. North

Nashville, TN 37208-3051

(Davidson)

Contact for information:

Admissions Office

Phone number:

(615) 329-8500

Email address:

admit@fisk.edu

Articulation agreement:

Rush Medical Center, Chicago

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Fisk University seeks to enroll men and women who will benefit from a liberal arts experience and to equip them for intellectual and social leadership. Fisk looks for strong academic achievement combined with personal characteristics such as motivation, curiosity, community service, and leadership ability. Academic strength is always the starting point for assessing a student's candidacy.

However, there is no single formula or strategy that one may utilize to gain admission to Fisk. If you have been very successful in high school and believe that Fisk would be the right place for you, you should apply.

The typical Fisk freshman student has a high school GPA of 3.20 or higher and an ACT score of 21 or more (or SAT score of 1010 or higher) and ranks in the top 10% of his/her graduating class. The four-year graduation rate is 70%, five-year is 76%, and six-year is 82%. The retention rate is 85%. The freshman to sophomore retention rate is 92%. Roughly, one-third of each entering class majors in biology, physics, chemistry, or computer science. The other most popular majors are business administration, psychology, music, art, and English.

Minimum qualifications for first-time freshman or transfer applicants with less than 30 college credit hours

- High school GPA of 2.50
- ACT of 20 or equivalent SAT score of 950
- Leadership potential
- Community service



VANDERBILT UNIVERSITY

Program name:

Medical Technology

Program type:

Medical Technology

Program length:

12 months

Degree or certification awarded:

Certificate of completion

School or program website:

www.mc.vanderbilt.edu/alliedhealth/

Address (including county):

Vanderbilt University Medical Center, 4605 TVC

1161 21st Avenue South

Nashville, TN 37232-5310

(Davidson)

Contact for information:

Maralie Exton, Director

Phone number:

(615) 322-6940

Email address:

maralie.exton@vanderbilt.edu

Articulation agreement:

Meharry Medical College, Middle Tennessee State

University, Trevecca University

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Applicants must either possess or be eligible to receive a baccalaureate degree from a college or university at the time of completion of the clinical year in the Medical Technology Program. Individuals who are considered eligible are required to have a minimum of three years (90 semester or 136 quarter hours) of college credits. The three-year applicant must submit verification that all academic requirements for graduation have been met at an accredited college or university. After successful completion of the clinical year, the student will be awarded a baccalaureate degree from the accredited college or university and receive a certificate of completion from Vanderbilt University Medical Center Programs in Allied Health. Individuals from any accredited college or university who meet the minimum academic requirements are eligible for admission into the program. Applications should be submitted prior to January 1 to assure sufficient time for processing information and scheduling of an interview. If you have missed the deadline and you are still interested, please send your application in as quickly as possible. Late applications will be handled on a case-by-case basis.

Applicants must submit the following:

- Completed program application (which may be downloaded from the website or completed online through the link found on the application page)
- Official transcripts from all universities and colleges attended
- A list of courses in progress or to be completed prior to the June admission date.

Three references with a minimum of two from current or previous faculty and one from an employer or individual familiar with the applicant's character. These may be submitted on an evaluation form or on a pre-professional evaluation from the department faculty or a letter of reference.





MEDICAL LABORATORY TECHNICIAN

VOLUNTEER STATE COMMUNITY COLLEGE

Program name:

Medical Laboratory Technology

Program type:

Clinical Laboratory Services

Program length:

Three semesters

Degree or certification awarded:

A.A.S. Medical Laboratory Technology

School or program website:

www.volstate.edu

Address (including county):

1480 Nashville Pike
Gallatin, TN 37066-3188
(Sumner)

Contact for information:

Medical Laboratory Technology Program

Phone number:

(615) 230-3333

Email address:

Not available

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Not available

Allowable substitution coursework or experience:

Not available

Prerequisites for entry into the program:

Admission to the program is limited and on a competitive basis. Application deadline is April 15 of each year. Class selection is completed in May from applicants who complete all prerequisites with a cumulative GPA 2.0 or better. Once students are admitted to the program, three consecutive semesters of intensive full-time study are required for graduation.





PHLEBOTOMY

TENNESSEE TECHNOLOGY CENTER, NASHVILLE

Program name:

Phlebotomy

Program type:

Medical Laboratory Technology

Program length:

Six months or two quarters, 648 clock hours

Degree or certification awarded:

Certificate, Phlebotomy

School or program website:

www.nashville.tec.tn.us

Address (including county):

Tennessee Technology Center at Nashville

100 White Bridge Road

Nashville, TN 37209

(Davidson)

Contact for information:

Mary Armbrrecht, Instructor

Phone number:

(615) 741-1241

Email address:

MArmbrrecht@nashville.tec.tn.us

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Not available.

Allowable substitution coursework or experience:

Not available.

Prerequisites for entry into the program:

Application: Interested persons may apply at any time.

Applicants who complete requirements specified below will be placed on a waiting list and contacted by letter regarding enrollment in the program.

Age: 18 years of age or older

Education: H. S. transcript or GED scores

Basic Skills Test: Reading and Language usage = 9.5 grade level (Remediation is available in Technology Foundations Center)

Health: Proof of rubella immunity, proof of varicella immunity, negative TB skin test or chest x-ray, hepatitis B vaccine (not required, but highly recommended)





DENTAL HYGIENE

MEHARRY MEDICAL COLLEGE

Program name:

Dental Hygienist

Program type:

Dental Hygiene

Program length:

Two years

Degree or certification awarded:

A.A.S. Dental Hygiene

School or program website:

www.mmc.edu

Address (including county):

1005 Dr. D.B. Todd, Jr., Blvd.

Nashville, TN 37208

(Davidson)

Contact for information:

Kathleen McEnerney, DA

Phone number:

(615) 963-5871

Email address:

kmcenerney@tnstate.edu

Articulation agreement:

Agreement with Tennessee State University (TSU)

Educational transcript review procedures for transferring or returning students:

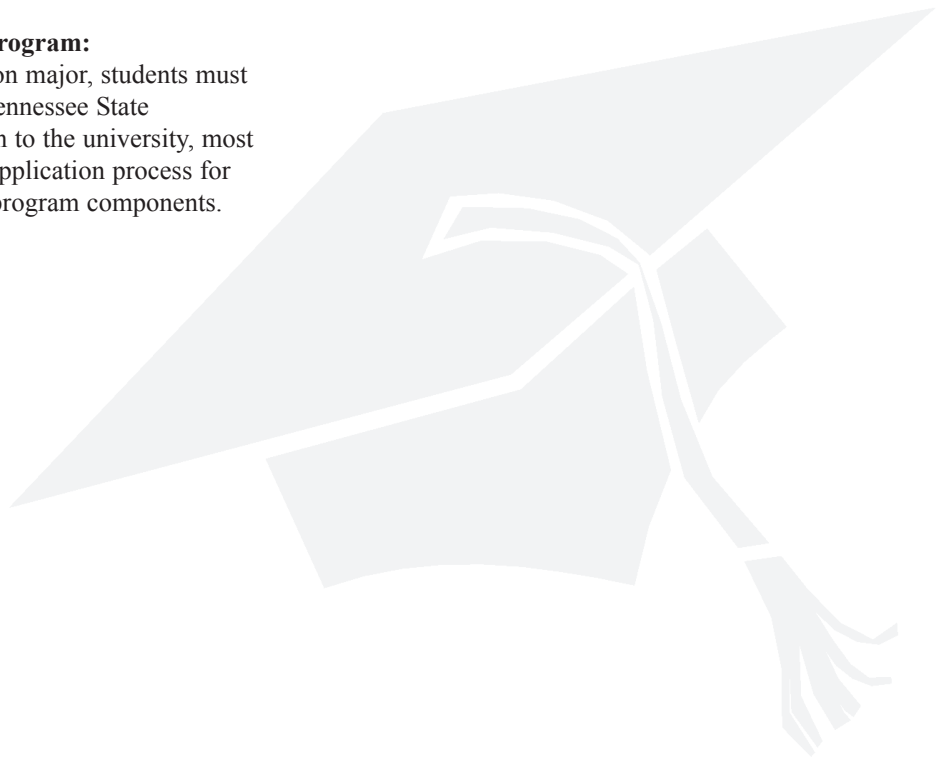
Official transcripts must be sent to Admissions Office or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

To pursue an allied health profession major, students must first apply to and be admitted by Tennessee State University. In addition to admission to the university, most AHP programs require a separate application process for admission to clinical/professional program components.



TENNESSEE STATE UNIVERSITY

Program name:

Dental Hygiene

Program type:

Dental

Program length:

Two+ years

Degree or certification awarded:

A.A.S., B.S. Dental Hygiene

School or program website:

www.tnstate.edu

Address (including county):

3500 John A. Merritt Blvd.

Nashville, TN 37209

(Davidson)

Contact for information:

Carla Newbern, Department of Dental Hygiene

Phone number:

(615) 963-5871

Email address:

Cnewbern@tnstate.edu

Articulation agreement: None**Educational transcript review procedures for transferring or returning students:**

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Students must be accepted into the university and be advised by the Dental Hygiene Department faculty to assure they are completing the required courses for the A.A.S. and B.S. degree programs.

All high school and college deficiencies and developmental and remedial courses and prerequisite courses must be completed before admission to the A.A.S. and B.S. degree programs. Students are admitted on a space available basis.

- High school graduate or GED score of 50. Applicants with GED scores below 50 must complete prescribed college level courses with a minimum GPA of 2.75.
- A high school average of 2.5 and above on a 4.0 scale.
- A college average of 2.75 and above on a 4.0 scale.
- One year of high school algebra, biology, and chemistry.
- A composite score of 19 on the ACT or an equivalent score on the SAT.
- One semester of English composition and microbiology at the college level.*
- One year of Anatomy **and** Physiology at the college level.*

- One year of high school or one semester of college chemistry with a lab (CHEM 100 **and** 100L), with grades of C or better.
- Human anatomy **and** physiology and microbiology/bacteriology courses must have been taken within the last five years of admission to the program.
- A minimum grade of C in each non-dental hygiene required course. Required courses with grades of D or F must be repeated and passed with a grade of C or higher before review for admission.
- Be officially admitted to the university and the dental hygiene major with all developmental/remedial requirements completed.
- Admissions preference will be given to TSU students.

*Anatomy and physiology and microbiology/bacteriology courses must have been taken within the last five years for admission into the program.





DENTAL ASSISTING

HIGH TECH INSTITUTE

Program name:

Dental Assistant

Program type:

Dental

Program length:

63 weeks

Degree or certification awarded:

Associate of Science, Dental Assistant

School or program website:

www.hightechinstitute.com

Address (including county):

2710 Old Lebanon Road

Nashville, TN 37214

(Davidson)

Contact for information:

Submit request form on website or call for further information.

Phone number:

(800) 987-0110

Email address:

Submit email via website

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Each course stands alone as a unit of study and is not dependent upon prerequisite training. A student may enter the program at the beginning of any course and continue through the sequence until completion of all courses.

TENNESSEE TECHNOLOGY CENTER, DICKSON

Program name:

Dental Assistant

Program type:

Dental Services

Program length:

One year (1,296 hours)

Degree or certification awarded:

Certified Dental Assistant

School or program website:

www.dickson.tec.tn.us/

Address (including county):

740 Highway 46

Dickson, TN 37055

(Dickson)

Contact for information:

Gary Fouts

Phone number:

(615) 441-6220

Email address:

GFouts@dickson.tec.tn.us

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

All programs: Preference for admission is given to students who are residents of the State of Tennessee. The Technology Center training programs are designed to prepare students for specific technical careers. Prospective students are urged to submit an application to the front office, tour the department, and meet the instructor prior to enrollment. Enrollment is based on first-come, first-served basis. The minimum age for enrollment is 18, unless specified by other admissions standards. Testing includes the Plato/Work Keys Locator Tests, AVT Basic Skills Assessment Program, or the NET Test, depending on the program selected.

Additional Entrance Requirements for:

Practical nursing, surgical technology, and dental assisting students must attend an information session, have a high school or GED diploma, score a minimum on the NET, submit references, and successfully complete a thorough physical examination. The Departmental Advisory Committee reviews all applications for admission and recommends applicants for acceptance.

TENNESSEE TECHNOLOGY CENTER, MURFREESBORO

Program name:

Dental Assistant

Program type:

Dental Assisting Technology

Program length:

One year

Degree or certification awarded:

Certified Dental Assistant

School or program website:

www.murfreesboro.tec.tn.us/

Address (including county):

1303 Old Fort Parkway

Murfreesboro, TN 37129

(Rutherford)

Contact for information:

Suzanne Dowdle

Phone number:

(615) 898-8010

Email address:

Suzanne.Dowdle@murfreesboro.tec.tn.us

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

- Contact the center to obtain an application form.
- Complete the application and file it with the Student Services Office.
- Discuss primary vocational objectives with the counselor.
- Each student enrolling in a full-time program or Technology Foundation/GED Prep will undergo the Technology Foundations Assessment Program. If a student is found deficient in reading, writing, mathematics or study skills, he/she will attend the center's Technology Foundations program as a part of the instructional day. This highly individualized activity is designed to assist the student in making satisfactory progress in his/her chosen program.
- Although neither a high school diploma nor a GED is required for admission, all students are encouraged to pursue such and will normally be enrolled in a GED preparation program while pursuing their vocation.
- To assist applicants with the selection of a suitable program, those enrolling without a high school diploma or GED may be referred for an ability to benefit test. Applicants will be notified of place, date and time of testing.
- REMEMBER TO APPLY EARLY! Some programs may have a waiting list due to high demand.

Specific requirements:

- Must be 18 years old or older.
- Must provide proof of high school diploma or GED.
- Must score a minimum of 70 on the California Achievement test.
- Must receive hepatitis B vaccine series.
- Must receive medical/physical examination.



VOLUNTEER STATE COMMUNITY COLLEGE

Program name:

Dental Assistant Education Program

Program type:

Dental

Program length:

One year

Degree or certification awarded:

Certificate Dental Assistant

School or program website:

www.volstate.edu/

Address (including county):

1480 Nashville Pike
Gallatin, TN 37066-3188
(Sumner)

Contact for information:

Desiree Sutphen, Dental Assistant Education Program

Phone number:

(615) 230-3439 or (888) 335-8722, ext. 3439

Email address:

desiree.sutphen@volstate.edu

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Not available

Allowable substitution coursework or experience:

Not available

Prerequisites for entry into the program:

Not available





HEALTH INFORMATION MANAGEMENT

MEHARRY MEDICAL COLLEGE

Program name:

Health Information Management

Program type:

Health Information Management

Program length:

Four years

Degree or certification awarded:

Bachelor of Science (B.S.)

School or program website:

www.mmc.edu

Address (including county):

1005 Dr. D.B. Todd, Jr., Blvd.

Nashville, TN 37208

(Davidson)

Contact for information:

Kathleen McEnerney

Phone number:

(615) 963-5871

Email address:

kmcenerney@tnstate.edu

Articulation agreement:

Agreement with Tennessee State University (TSU).

Affiliation agreements with major health care facilities throughout Tennessee are available to provide clinical education and practical experience in selected fields.

Non-local sites are also available.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

To pursue an allied health profession major, students must first apply to and be admitted by Tennessee State University. In addition to admission to the university, most AHP programs require a separate application process for admission to clinical/professional program components.

TENNESSEE STATE UNIVERSITY

Program name:

Health Information Management

Program type:

Health Information

Program length:

Four years

Degree or certification awarded:

B.S. Health Information Management

School or program website:

www.tnstate.edu

Address (including county):

3500 John A Merritt Blvd.

Nashville, TN, 37209

(Davidson)

Contact for information:

Elizabeth Kunnu

Head, Health Information Management

Phone number:

(615) 963-7441

Email address:

ekunnu@tnstate.edu

Articulation agreement:

Agreement with Meharry Medical College.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

There are two options available to students interested in the HIM program. Option 1 is for freshman and transfer students. Option 2 is for students who have completed an associate degree in Health Information Technology. In addition to university admission criteria, the program admission requirements are:

- High school graduation with a minimum grade point average of 2.5 on a 4.0 scale or GED scores of 50 or above for the five subjects tested.
- A minimum composite test score of 19 on the ACT. (This may change according to university entrance requirements.)
- First-time freshmen are required to have successfully completed any remedial or developmental courses before consideration for unconditional admission into the HIM program.

Transfer Student

- Applications will be accepted from students transferring from other colleges or universities or other departments at Tennessee State University.

Continued on page 130

- Transfers, change-of-major, and continuing students are required to have successfully completed remedial or developmental courses before consideration for unconditional admission into the program.
- Applicants must have a minimum cumulative grade point average of 2.5 on a 4.0 scale.

Advanced Standing

- Individuals who have an associate degree in medical record/health information technology must have completed a minimum of 65 credit hours including directed practicum, general education courses, management sciences, and other prerequisite course requirements for the B.S. in HIM.

Additional Requirements

- Submission of application to the program is due by June 30 for fall semester and December 1 for spring semester.
- Two letters of recommendation from persons (non-family members) who know the applicant.
- A personal interview by the Admission and Retention Committee or its designee.
- Acceptance of professional practice rotation in in-state and out-of-state health care facilities.
- Responsible for transportation expenses and other costs relating to clinical experience and field trips.
- Responsible for a physical examination and malpractice insurance prior to professional practice rotations.

Students are encouraged to complete a minimum of 20 volunteer hours in Medical Record/Health Information Management Department prior to the first semester of enrollment. Students with work experience in HIM may provide written evidence from the health care facility.

UNIVERSITY OF PHOENIX, NASHVILLE

Program name:

Health Administration

Program type:

Health Information

Program length:

Varies by Student

Degree or certification awarded:

B.S. Health Administration

School or program website:

www.phoenix.edu/

Address (including county):

616 Marriott Drive, Suite 150

Nashville, TN 37214

(Davidson and Williamson)

Contact for information:

Admissions Office

Phone number:

(615) 872-0188

Email address:

Not available

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

To enter a bachelor's degree program, you must have a high school diploma or equivalent, be at least 21 years of age, and be employed. If you are not employed, you must have access to an organizational environment that allows you to apply the concepts you learn in our courses.

As part of your admission, your prior coursework, elective classes, major studies, and credits awarded through the Assessment of Prior Learning or the College Level Examination Program (CLEP) will be considered for academic credit. If you have had professional training or have served in the military, you may be able to convert previous experience into academic credits.





HEALTH INFORMATION TECHNOLOGY

DRAUGHONS JUNIOR COLLEGE

Program name:

Health Information Technology

Program type:

Health Information Technology

Program length:

12 months – two years

Degree or certification awarded:

Diploma

School or program website:

www.draughons.org/Pages/NV/NV_Home.htm

Address (including county):

340 Plus Park Blvd

Nashville, TN 37217

(Davidson)

Contact for information:

Admissions Office

Phone number:

(615) 361-7555

Email address:

admissions@draughons.org

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Draughons Junior College will transfer up to 36 semester hours of credits toward a degree and 18 semester hours toward a diploma from any accredited two or four year institution as long as (1) the course is equivalent in content to a course offered by Draughons Junior College; (2) the number of credit hours awarded equals or exceeds the number awarded for the equivalent course; (3) the student earned a grade of “C” or better; (4) the student earned the credits prior to enrolling at Draughons Junior College; (5) the student moves out of state or out of commuting distance and was near the completion of the program of study at the time of the move. At the time of the student’s graduation from Draughons, the transfer grades will be averaged into the final grade point average. Transfer credits earned in courses not corresponding with the curriculum of Draughons Junior College may be entered on the student’s transcript as elective credits but will not be included in the final grade point average.

Prerequisites for entry into the program:

Students applying for admission to Draughons Junior College are required to have a high school diploma or to have satisfied graduation requirements through the General Educational Development (GED) test to be considered for admission. All prospective students must take an assessment with the exception of those who have a composite score of 18 on the ACT or who have transfer credit in English or mathematics.



VOLUNTEER STATE COMMUNITY COLLEGE

Program name:

Health Information Technology

Program type:

Health Information Services

Program length:

Two years

Degree or certification awarded:

A.A.S. Health Information Technology

School or program website:

www.volstate.edu/

Address (including county):

1480 Nashville Pike
Gallatin, TN, 37066-3188
(Sumner)

Contact for information:

Lois Knobeloch, Program Director

Phone number:

(615) 230-3337 or (888) 335-8722, ext. 3337

Email address:

Lois.Knobeloch@volstate.edu

Articulation agreement:

None

**Educational transcript review procedures for
transferring or returning students:**

Transcripts must be sent to admissions/records for review.

Allowable substitution coursework or experience: AHIMA

Independent Study coursework – credit given.

Prerequisites for entry into the program:

- You must submit an application and be accepted
- Complete an application to the Health Information Technology program

Application deadline is August 1 of each year.





MEDICAL TRANSCRIPTION

NATIONAL COLLEGE OF BUSINESS AND TECHNOLOGY

Program name:

Medical Transcription

Program type:

Health Information Services

Program length:

Two years

Degree or certification awarded:

Diploma – Medical Transcription

School or program website:

www.nationalbusiness.edu/

Address (including county):

3748 Nolensville Pike

Nashville, TN 37211

(Davidson)

Contact for information:

Admissions Office

Phone number:

(615) 333-3344

Email address:

Contact via online form on website

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Graduation from high school is a minimum requirement for admission to National. Those who have satisfied graduation requirements through the General Education Development (GED) Test are also eligible for admission.

In addition to the above requirements, those who enroll in the *Medical Assisting* program will be required to take a physical during their first quarter of attendance. Cost of the physical is the responsibility of the student.

TENNESSEE CAREER COLLEGE

Program name:

Medical Transcribing

Program type:

Health Information Services

Program length:

Nine months

Degree or certification awarded:

Certificate

School or program website:

www.tennesseecareercollege.com/

Address (including county):

443 Donelson Pike

Nashville, Tennessee 37214

(Davidson)

Contact for information:

Admissions Office

Phone number:

(615) 874-0774

Email address:

Email via online form on website

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

A high school diploma or GED is required for admission to all programs. No other prior degree or training is required for admission. To be admitted, an applicant must visit and tour the school and be interviewed by an admissions representative. If the applicant meets the minimum enrollment criteria for the desired program, the applicant is eligible to complete the enrollment agreement, pay the registration fee, and be accepted in writing by a school official.

Contact TCC Admissions to set up a school visit or to find out more.



MEDICAL BILLING AND CODING

HIGH TECH INSTITUTE

Program name:

Medical Billing and Coding

Program type:

Medical Billing and Coding

Program length: 63 weeks

Degree or certification awarded:

Associate of Applied Science (A.A.S.)

School or program website:

www.hightechinstitute.com

Address (including county):

2710 Old Lebanon Road

Nashville, TN 37214

(Davidson)

Contact for information:

Submit request form on website or call for further information.

Phone number:

(800) 987-0110 or (615) 232-3700

Email address:

Submit email via website.

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Each course stands alone as a unit of study and is not dependent upon prerequisite training. A student may enter the program at the beginning of any course and continue through the sequence until completion of all courses.

MEHARRY MEDICAL COLLEGE

Program name:

Health Care Administration

Program type:

Health Care Administration

Program length:

Four years

Degree or certification awarded:

Bachelor of Science (B.S.)

School or program website:

www.mmc.edu

Address (including county):

1005 Dr. D.B. Todd, Jr., Blvd.

Nashville, TN 37208

(Davidson)

Contact for information:

Kathleen McEnerney, DA

Phone number:

(615) 963-5871

Email address:

kmcenerney@tnstate.edu

Articulation agreement:

Agreement with Tennessee State University. Affiliation agreements with major health care facilities throughout Tennessee are available to provide clinical education and practical experience in selected fields. Non-local sites are also available.

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions or Allied Health Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

To pursue an allied health profession major, students must first apply to and be admitted by Tennessee State University. In addition to admission to the university, most AHP programs require a separate application process for admission to clinical/professional program components.



NATIONAL COLLEGE OF BUSINESS AND TECHNOLOGY

Program name:

Medical Billing and Coding

Program type:

Health Information Services

Program length:

Two years

Degree or certification awarded:

Diploma – Medical Billing and Coding

School or program website:

www.nationalbusiness.edu/

Address (including county):

3748 Nolensville Pike

Nashville, TN 37211

(Davidson)

Contact for information:

Admissions Office

Phone number:

(615) 333-3344

Email address:

Submit via form on website

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

Graduation from high school is a minimum requirement for admission to National. Those who have satisfied graduation requirements through the General Education Development (GED) Test are also eligible for admission. In addition to the above requirements, those who enroll in the *Medical Assisting* program will be required to take a physical during their first quarter of attendance. Cost of the physical is the responsibility of the student.

TENNESSEE CAREER COLLEGE

Program name:

Medical Coding

Program type:

Health Information Services

Program length:

Nine months

Degree or certification awarded:

Certificate

School or program website:

www.tennesseecareercollege.com/

Address (including county):

443 Donelson Pike

Nashville, Tennessee 37214

(Davidson)

Contact for information:

Admissions Office

Phone number:

(615) 874-0774

Email address:

Submit e-mail via website

Articulation agreement:

None

Educational transcript review procedures for transferring or returning students:

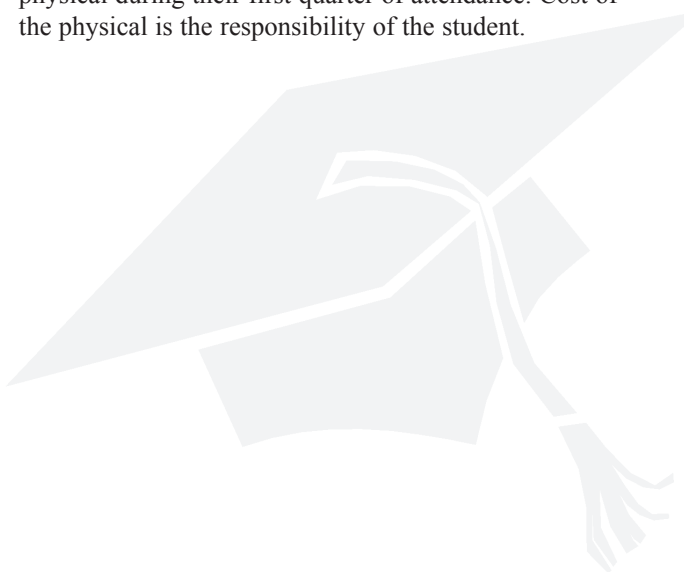
Official transcripts must be sent to Admissions Office for review.

Allowable substitution coursework or experience:

Substitution coursework will be determined based on individual transcript review.

Prerequisites for entry into the program:

A high school diploma or GED is required for admission to all programs. No other prior degree or training is required for admission. To be admitted, an applicant must visit and tour the school and be interviewed by an admissions representative. If the applicant meets the minimum enrollment criteria for the desired program, the applicant is eligible to complete the enrollment agreement, pay the registration fee, and be accepted in writing by a school official. Contact TCC Admissions to set up a school visit or to find out more.





LABOR MARKET



LABOR MARKET



SUPPLY AND DEMAND

THERAPEUTIC

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THERAPEUTIC



I. REHABILITATION PROFESSIONS

Rehabilitation professions include Physical Therapy and Physical Therapy Assistant; Occupational Therapy and Occupational Therapy Assistant; Athletic Training; Recreational Therapy; Speech-Language Pathology and Speech-Language Pathology Aides and Audiology; Respiratory Therapy and Respiratory Therapy Technician; Dietitian and Dietetic Technician.

Status

Tennessee demonstrates a shortage of respiratory therapists. The supply continues to fall below the annual demand.

In Tennessee, the supply and demand for occupational therapists is roughly in balance; the supply of occupational therapist assistants exceeds the demand.

Supply and demand is nearing a balance for both physical therapists and physical therapist assistants, although conversion to the Doctor of Physical Therapy degree may change the supply/demand ratio.

The supply of audiologists is likely to grow faster than the demand, but the demand for speech-language pathologists is likely to increase, according to Bureau of Labor Statistics (BLS) data. Tennessee continues to employ speech-language pathologists (SLP) at a lower rate than the nation.

Description

The therapy occupations share a common set of duties and responsibilities, all revolving around the treatment and rehabilitation of patients. Specifically, therapy professionals treat and rehabilitate patients with physical and mental disabilities or disorders; develop or restore functions; prevent loss of physical capacities; and maintain optimum performance.

Practitioners in these occupations use a wide variety of different treatment modalities. In physical and respiratory therapy, these treatments include exercise, massage, heat, light, water, electricity, and specific therapeutic apparatuses. Therapists may participate in medically oriented rehabilitative programs including educational, occupational, and recreational activities.

The medical therapy occupations include audiology, speech pathology, occupational therapy, physical therapy, occupational therapy assisting, physical therapist assisting, respiratory therapy, respiratory therapy technician, and athletic training.

For the purposes of this section, these occupations are grouped as follows:

- A. Physical therapists and physical therapist assistants;
- B. Occupational therapists and occupational therapy assistants;
- C. Athletic training;
- D. Recreational therapists;
- E. Speech-language pathologists and aides and audiologists;
- F. Respiratory (care) therapists and respiratory therapy technicians;
- G. Dietitian and dietetic technician.

The therapy occupations share a common set of duties and responsibilities, all revolving around the treatment and rehabilitation of patients.



A. PHYSICAL THERAPY AND PHYSICAL THERAPY ASSISTANT

National Supply and Demand

Bureau of Labor Statistics (BLS) data for 2000 indicates that physical therapists held about 132,000 jobs nationally, with almost two-thirds of them being in hospitals or physical therapist's offices. One in four physical therapists worked part-time. The number of jobs is greater than the number of practicing physical therapists because some physical therapists hold two or more jobs. For example, some may work in a private practice but also work part time in another health facility.

Physical therapy still offers very good job opportunities nationwide and employment is expected to increase faster than the average.



The Balanced Budget Amendment of 1997 has resulted in cutbacks in physical therapists' hours in skilled nursing facilities and home health care. The change in reimbursement regulations has slowed the demand for physical therapists, resulting in a moderation of the earlier predictions of long-term shortages.

Reimbursement issues and the proliferation of physical therapy programs are part of the formula used by the American Physical Therapy Association (APTA) to predict the surplus. In 2003, there were 204 accredited physical therapy programs with an additional 7 under development and 247 accredited physical therapy assistant programs. This is a significant increase from 143 total programs in 1991 and only 48 in 1970 (APTA). The number of physical therapists grows at an annual rate of 5%; however, the conversion to the D.P.T. may result in fewer graduates per year.

Even with these changes, physical therapy still offers very good job opportunities nationwide and employment is expected to increase faster than the average. According to the BLS Occupational Outlook Handbook, the elderly population, which has a high rate of illness and disabilities that require therapeutic intervention, continues to grow. The baby boomers are entering the stage of life where heart attacks and stroke often occur. In addition to clinical work, many therapists are increasingly taking on supervisory roles.

Regional Supply and Demand

The *Health Professions Education Directory*, published by the American Medical Association, lists 57 accredited physical therapy programs in the Southern Regional Education Board (SREB) region in 2003. Nationwide, physical therapy programs have shifted from bachelor's level to master's level training. One hundred forty programs now offer the master's degree in physical therapy (M.S./M.P.T.), and 64 programs offer the Doctor in Physical Therapy (D.P.T.). Tennessee is also following this trend.

TABLE 2.1

Accredited Physical Therapy Programs in SREB and U.S.

	1994	1998	2000	2003
SREB	41	48	—	57
U.S.	142	171	177	204

Source: SREB Dat-Ex, 1994, <http://www.apta.org>, Health Professions Education Directory, 1999, 2003-2004.

A review of APTA 2003 data indicates that the SREB region sponsors 58 master's and three D.P.T. accredited programs, or 28% of the nation's physical therapy programs and 34% of the nation's physical therapy assistant programs. The ratio of physical therapist assistant to physical therapist remains higher than other regions in the country.

State Supply and Demand

The Tennessee Department of Employment Security defines supply as the number of graduates from public institutions and demand as the average annual openings. Using these definitions, a comparison of data from 1993 to 1996 indicated an undersupply in physical therapists and physical therapy assistants, prompting programs in Tennessee to increase class size and initiate new programs.

Information from the American Physical Therapy Association (APTA) indicates that the market for physical therapists in Tennessee has tightened; although there is still room for growth, the gap between supply and demand has been reduced. The APTA issued a position paper stating that the organization “recommends against the development of new physical therapist and physical therapist assistant education programs and the expansion of existing programs until June 2002” (*PT Bulletin*, July 5, 1999).

The move to the master’s or doctorate programs has resulted in fewer graduates during the transition from 187 graduates in 2000 to 97 in 2002. These changes have served to balance the supply with decreased demand.

TABLE 2.2

Licensed Physical Therapists and Physical Therapy Assistants

	2000	2001	2002
Licensed Physical Therapist	3,263	3,304	3,409
Licensed Physical Therapist Assistants	1,746	1,772	1,828

Source: TN Dept of Labor and Workforce Development, Employment Securities Division, Research and Statistics Section. “Number Licensed” are the number holding active licenses on Dec. 31 of the year.

In Tennessee, there are four accredited physical therapy programs, three state institutions and one private. Tennessee State University’s program is under review for accreditation. The University of Tennessee at Chattanooga, University of Tennessee Health Science Center in Memphis, and East Tennessee State University offer doctoral programs in physical therapy (D.P.T.). Students may gain acceptance into the program after completing the prerequisites. Belmont University is the only private institution in the state that offers a doctoral degree in physical therapy (D.P.T.). These programs last between 30 and 36 months. The maximum capacity for these programs in Tennessee is 146 students per year. The number of graduates for 2001-02 declined by 48% due to a reduction in the number of applicants and the conversion of the programs to the D.P.T.

TABLE 2.3

Tennessee PT/PTA Graduates

	1988	1989	1990	1991	1992	1996	1998	2000	2002
Physical Therapist	38	46	51	84	93	133	130	187	97
Physical Therapist Assistant	58	49	69	80	111	138	121	150	59

Source: “The Source,” Health Professions Education Directories, 1988-2002

There are seven physical therapist assistant programs in Tennessee. Programs are located at Chattanooga State Technical Community College, Jackson State Community College, Roane State Community College, South College in Knoxville, Southwest Tennessee Community College, Volunteer State Community College, and Walters State Community College. All offer either an A.A.S. or A.S. degree and last between 18 and 24 months. The number of graduates from PTA programs declined due to decreased student and workplace demand.

Summary

In December 2002 there were 3,409 licensed physical therapists in Tennessee. In 2000, there were 2,320 estimated physical therapy positions in Tennessee. In 2010, that number is projected to be 2,880 with a 2.0% growth rate and 60 average annual job openings. The average 10-year openings for physical therapists are about 560. The

number of graduates matches the number of annual openings in Tennessee in 2003. Although the number of graduates may balance the number of new openings, there are nearly 1,100 more PTs than there are existing positions reflecting professionals who maintain current licensure but are not in the current workforce or who may be practicing in adjacent states.

The supply and demand for physical therapy assistants is nearing a balance, with the number of annual openings matching the number of graduates. In 2000, there were approximately 1,400 physical therapy assistant positions. There were 1,828 licensed physical therapy assistants in 2002. The number of physical therapy assistants is projected to be 1,830 in 2010 with a 3.0% growth rate and 40 average job openings annually. The average 10-year openings for physical therapist assistants are about 440. The outlook grading system for clusters of occupations in "The Source," Tennessee Department of Labor and Workforce Development, grades both physical therapy and physical therapy assisting as competitive (grade D) meaning there are fewer job openings than there are trainees.

B. OCCUPATIONAL THERAPY AND OCCUPATIONAL THERAPY ASSISTANT

National Supply and Demand

Occupational therapists work in a variety of settings. Bureau of Labor Statistics (BLS) data show that there were approximately 78,000 jobs nationally for occupational therapists in 2000. More than one-third of occupational therapists work part-time. The largest number of jobs was in hospitals, including many in rehabilitation and psychiatric hospitals. Other major employers include offices and clinics of occupational therapists and other practitioners, school systems, home health care services, nursing homes, community mental health centers, adult day care programs, job training services, and residential care facilities. In 2000, one in six occupational therapists held more than one job.

Occupational therapy assistants and aides are projected to be among the 10 fastest growing occupations nationwide; however, only a small number of job openings will occur because the occupation is small. In 2000, occupational therapy assistants held 17,000 jobs and aides held 8,500 jobs. Over 30% worked in hospitals and about 20% worked in nursing and personal care facilities. About 25% worked primarily in offices of occupational therapists. The remainder worked in the offices and clinics of physicians, social service agencies, outpatient rehabilitation centers, and home health agencies.



The outlook for employment as an occupational therapist is good, according to the Bureau of Labor Statistics, due to the medical advances which make it possible for patients with critical problems to survive.

In 1999, entry-level education was offered in 88 bachelor's degree programs, 11 post-bachelor certificate programs for students with degrees other than occupational therapy, 53 entry-level master's degree programs, 19 combined bachelor's and master's degrees programs, and 2 entry-level doctoral degree programs. The trend is to convert bachelor's degree programs to the post-baccalaureate level. The professional organization, the American Occupational Therapy Association (AOTA), passed a resolution that calls for the essential installation of a post-baccalaureate entry-level requirement for professional OT practice.

In 2003, there were 159 accredited occupational therapy programs and 169 occupational therapy assistant programs nationally. This is compared to 98 occupational therapy programs and 108 occupational therapy assistant programs in 1995.

The outlook for employment as an occupational therapist is good, according to the Bureau of Labor Statistics, due to the medical advances which make it possible for patients with critical problems to survive. Employment is projected to increase faster than the average. Due to industry growth and more intensive care, hospitals will

continue to employ a large number of occupational therapists to staff their growing health care and outpatient rehabilitation programs.

Regional Supply and Demand

In 2003 there were 53 active, accredited OT programs in the SREB region. This represented 33% of all programs in the nation (159 accredited programs). Historically, the number of graduates from the SREB region represents greater than 26% of the nation's graduates in this field.

State Supply and Demand

In 1996, there were 855 occupational therapist positions in Tennessee. In 2000, the estimated employment was 1,380. The projected employment in 2010 is 1,730 with a growth rate of 2.3% and 40 average annual openings. The number of average 10-year openings is 350 openings. Licensure information for occupational therapists and occupational therapist assistants is available in Table 2.4.

The same pattern is true for occupational therapist assistants. In 1996, there were 292 positions. In 2000, the estimated employment was 290. The projected employment for occupational therapist assistants in 2010 is 390, which represents a growth rate of 3.1%. The number of average annual openings is 10+ and the average 10-year openings are 110. Licensure information is available in Table 2.4.

TABLE 2.4

Licensure Information for Occupational Therapists and Occupational Therapist Assistants in Tennessee in 2000, 2001, and 2002

	Licensed 2000	Licensed 2001	Licensed 2002	Graduates 1999	Graduates 2002
Occupational Therapists	1,287	1,321	1,401	63	86
Occupational Therapist Assistants	595	623	626	41	8

Source: TN Department of Labor and Workforce Development, Employment Sec. Div., Research and Statistics Section, 2003. Health Profession Education Directory, 2000. Health Profession Education Data, 2003-2004.

Tennessee currently has five professional occupational therapy programs. Belmont University offers an M.S. degree and Milligan College offers an M.O.T. (master's of occupational therapy). These programs last between 30 and 33 months. Tennessee State University, University of Tennessee at Chattanooga, and University of Tennessee Health Science Center offer bachelor's degrees, and these programs last between 24 and 26 months. The program at University of Tennessee at Chattanooga has been put on notice for closure due to financial cut-backs. The University of Tennessee Health Science Center program is being converted to a master's entry-level program.

Cleveland State Community College, Roane State Community College, Nashville State Technical Institute, and South College all offer occupational therapy assistant programs, graduating 38 occupational therapy assistants annually. All offer either A.A.S. or A.S. degrees that last between 20 and 24 months.

Programs preparing occupational therapist assistants combined with in-migration are meeting workforce needs in Tennessee as projected by the OIS. A 1996 study commissioned by the American Occupational Therapy Association indicated that there is a low vacancy rate both nationally and statewide for occupational therapists and no work force shortages are predicted for the near future. The Tennessee Department of Labor grades OT as B, demand is equal to or greater than supply, and OTA as C, supply somewhat greater than demand.

Summary

The demand for occupational therapy providers has steadily increased over the years. Rehabilitative and long-term care needs are projected to grow due to the aging population, increased chronic debilitating conditions, federal

legislation supporting expanded services to the disabled, and increased survival rates for trauma victims and low birth weight infants.

Future growth of this health care specialty will be determined by mental health insurance coverage, the availability of publicly sponsored programs, and the evolution of treatment modalities. However, unless occupational therapy can be established as facilitating early discharge of patients, the services could be vulnerable to funding cuts if facility-operating margins continue to be threatened. Changes in reimbursement for rehabilitation in long-term care facilities have also reduced demand in this sector.

C. ATHLETIC TRAINING



*Demand
is high
for
athletic
trainers
in the
state's
secondary
schools.*

National Supply and Demand

According to the National Athletic Trainer's Association, (NATA) there are more than 28,166 members with 22,389 certified members nationwide. In 2001, there were 3,566 new members.

Regional Supply and Demand

Regional supply and demand data was not available.

State Supply and Demand

To practice athletic training in the state of Tennessee a person must be NATABOC certified and must pass a Tennessee Athletic Training Licensure Examination. Athletic Training Licensure is obtained through the Tennessee Board of Medical Examiners. In March 2000, there were 504 licensed athletic trainers in Tennessee. Most athletic training employment in Tennessee is at the university and college level and in sports medicine clinics. Demand is high for athletic trainers in the state's secondary schools. It is estimated that at the national and state levels the demand will continue to grow. Although professional sports franchised teams are increasing, the future employment for the ATC will be in high schools.

The estimated employment in 2000 for athletic trainers in Tennessee was 260. The projected employment for 2010 is 270, representing a 0.7% growth rate, with less than one average annual opening. In 2000, there were 356 licensed athletic trainers in Tennessee. This is compared to 379 licensed athletic trainers in Tennessee in 2001 and 444 in 2002.

There are four accredited programs in Tennessee, all offering bachelor's degrees. They are at David Lipscomb University, Lincoln Memorial University, Middle Tennessee State University, and Union University.

Summary

With more licensed athletic trainers in Tennessee than employment positions identified and a slow growth rate predicted, the employment outlook for athletic trainers would be improved by combining this certification with other teaching credentials.

D. RECREATIONAL THERAPY

National Supply and Demand

Recreational therapists held about 29,000 jobs in 2000. Almost 40% of salaried jobs for therapists were in nursing and personal care facilities, and over 30% were in hospitals. Overall employment of recreational therapists is expected to grow more slowly than the average for all occupations through the year 2010. Median annual earnings for recreational therapists in 2000 were \$32,520 in hospitals and \$23,240 in nursing personal care facilities.

Regional Supply and Demand

There are 118 colleges and universities that offer academic degrees in Recreational Therapy or Therapeutic Recreation. Forty, or 34% of those programs are in the SREB states.

State Supply and Demand

There are two programs offered in Recreational Therapy in Tennessee: Middle Tennessee State University and the University of Tennessee Knoxville. State data was limited to one program reporting 41 graduates in 2000 and 34 graduates in 2002.

Summary

Although demand data for the state was not available, growth in assisted living and comprehensive long-term care facilities in Tennessee is expected. Therefore, some employment growth is expected in assisted living, outpatient physical and psychiatric rehabilitation, and services for people with disabilities.

Some employment growth is expected in assisted living, outpatient physical and psychiatric rehabilitation, and services for people with disabilities.



E. SPEECH-LANGUAGE PATHOLOGY, SPEECH-LANGUAGE PATHOLOGY ASSISTANT AND AIDES, AND AUDIOLOGISTS

Employment of speech language pathologists and audiologists may grow because the increasing population in older age groups is prone to medical conditions that result in hearing and speech problems.



National Supply and Demand

In 2000, there were 13,000 audiologists and 88,000 speech-language pathologists. Audiologists were more likely to work in independent health care offices, while speech-language pathologists worked primarily in school settings. About one half of speech-language pathologists and audiologists provided services in preschools, elementary schools, secondary schools, or universities. Others were in offices of speech-language pathologists or audiologists, hospitals, offices of physicians, speech, language, and hearing centers, home health care agencies, or other facilities.

The supply and demand for audiologists is currently in relative balance. Looking ahead, it is estimated that the supply of audiologists is growing faster than demand and that the balance will shift in the direction of a surplus (Vector Research, 1999). A primary cause is that the annual number of audiology graduates increased by nearly 50% between 1992 and 1996. This results in the number of audiologists growing at nearly five times the rate of the US population. However, 2002-2003 BLS data indicate that speech-language pathology will be among the fastest growing professions in the next decade. The profession ranked among the top 30 out of 700 fastest growing occupations over the next decade.

Nationally, there are approximately 242 colleges and universities that offer graduate programs in speech-language pathology and 112 colleges and universities that offer programs in audiology. Speech-language pathologists can acquire the Certificate of Clinical Competence in Speech-Language Pathology (CCC-SLP) offered by the American Speech-Language-Hearing Association (ASHA) and audiologists can earn the Certificate of Clinical Competence in Audiology (CCC-A). According to the ASLHA, as of 2007, audiologists will need to have a bachelor's degree and complete 75 hours of credit toward a doctoral degree. As of 2012, audiologists will have to earn a doctoral degree in order to be certified.

In 2002, there were 229 accredited speech-language pathology programs and 107 audiology programs. This is compared to 222 speech-language pathology programs and 120 audiology programs in 1995.

Factors that are affecting employment of speech-language pathologists and audiologists include the 1998 implementation of Medicare's prospective payment system for nursing homes. Many of the high paying positions were eliminated and school systems benefited from the cutbacks.

Employment of speech language pathologists and audiologists may grow because the increasing population in older age groups is prone to medical conditions that result in hearing and speech problems.

As of May 2002, ASHA is aware of 30 operational associate degree programs for speech-language pathology assistants and 55 institutions that are considering development of such programs.

Regional Supply and Demand

The American Speech and Hearing Association provided data presented in Table 2.5 below, comparing the number of certified practitioners in the nation, region, and state. The master's level is the certification level and the entry level to the field. Nationally as of 2002, there are 30.9 certified speech-language pathologists and 4.3 audiologists per 100,000 citizens. The SREB region has slightly fewer SLPs per 100,000 than the national average (30.0 compared with 30.9); however, the number of audiologists per 100,000 is consistent with the national average.

TABLE 2.5

Certified Personnel per 100,000 Population by Geographic Area and Certification Status

	1992		1996		2002	
	SLP	AUD	SLP	AUD	SLP	AUD
U.S.	20.4	3.6	26.1	4.2	30.9	4.3
SREB	17.2	3.2	25.5	4.3	30.0	4.2

Source: ASHA, Certified Personnel-to-Population Ratio: Annual Report
<http://professional.asha.org/resources/factsheets/personnel.lfm>, accessed May 2, 2003.

Personnel-to-population ratios are a measurement of the number of a given class of personnel in relation to the overall population in a given geographic area. By knowing the personnel-to-population ratio for a state or region we can then compare that state or region to other states, regions, or the national average. This information can be used by institutions to support additional educational programming or for career counseling into careers of high demand.

There are three SREB community colleges in North Carolina that currently offer the technical training program for speech-language pathology assistants. Several other SREB states are developing similar programs but currently no SREB program has been approved by ASHA.

State Supply and Demand

In 2000, the estimated employment of speech-language pathologists in Tennessee was 1,180. The projected employment in 2010 for speech-language pathologists is 1,500, representing a 2.5% growth rate with 30 average

annual openings. The average 10-year openings are 330. The estimated employment of audiologists in Tennessee in 2000 was 240. The projected employment in 2010 for audiologists is 300, representing a 2.4% growth rate with 10 average annual openings. The average 10-year openings are 60.

TABLE 2.6

Licensure Information for Speech-Language Pathologists and Audiologists in Tennessee in 2000, 2001, and 2002

	2000	2001	2002
Speech-Language Pathologists	1,113	1,204	1,372
Audiologists	245	274	296

Source: TN Department of Labor and Workforce Development, Employment Sec. Div., Research and Statistics Section, 2003.

The personnel to population ratio in speech-language pathology indicates that although progress is being made, there are fewer SLP personnel per 100,000 in Tennessee than in the U.S. and the region. There are more audiologists than represented in the U.S. and the region. The audiology ratios are the same (5.2) for 1996 and 2002.

TABLE 2.7

Tennessee Speech Pathology and Audiology Graduates, 2001-02

	Bachelor's	Master's	Doctoral
Audiology	10	15	—
Speech-Language Pathology (SLP)	37	34	—
Speech-Language Pathology and Audiology (SLP/A)	13	82	7
Totals	60	131	7

Source: Tennessee Higher Education Commission.

In Tennessee, there are five universities that offer speech-language pathology or audiology programs. East Tennessee State University offers a master's degree in both speech-language pathology and audiology and a doctoral degree in audiology. Tennessee State University offers a master's degree in speech-language pathology. The University of Memphis offers a master's degree in both speech-language pathology and audiology and a doctoral degree in audiology. The University of Tennessee at Knoxville offers a master's degree in both speech-language pathology and audiology. Vanderbilt University offers a master's degree in both speech-language pathology and audiology.

One community college in Tennessee has expressed interest in developing the assistant level program, but a change in licensure in Tennessee will be required before this category will be licensed to practice.

Summary

According to the BLS occupational outlook 2002-03, the employment of speech-language pathologists is expected to grow much faster than the average for all occupations through the year 2010. Tennessee nursing homes, home care agencies, and hospitals must compete with educational institutions and other private practice settings for speech-language-hearing professionals. The supply and demand in Tennessee appear to be in balance, although the personnel to population ratio in speech-language pathology continues to be lower than for the SREB states and the U.S. "The Source" grades SLP and audiologists as E, predicting fewer job openings than trainees.

F. RESPIRATORY (CARE) THERAPY AND RESPIRATORY THERAPY TECHNICIAN

The biggest shortage in medical therapy occupations in Tennessee is in respiratory therapy.



National Supply and Demand

Nationally, respiratory therapists are not immune from the health care workforce shortages. The Respiratory Therapist Human Resource Study 2000 of the American Association of Respiratory Care projected 6,510 positions vacant, representing a vacancy rate of 5.96%. According to the BLS, respiratory therapists held about 110,000 jobs in 2000. About four out of five jobs were in hospital departments of respiratory care, anesthesiology, or pulmonary medicine. Respiratory therapy clinics, physician offices, nursing homes, and firms that supply respiratory equipment for home use accounted for most of the remaining jobs. The BLS expects employment of respiratory therapists to increase faster than the average of all occupations, increasing from 21% to 25%, due to the aging population and the rise of respiratory ailments and cardiopulmonary disease.

Formal training is necessary for entry into this field. Training is offered at the post-secondary level by hospitals, medical schools, colleges, universities, trade schools, vocational technical institutes, and the Armed Forces. Some programs are two or four years in length and lead either to an associate or bachelor's degree, preparing graduates for jobs as respiratory therapists (advanced). Other programs last two years and lead to an associate degree, preparing graduates for jobs as respiratory therapists (entry-level). In 2002, there were 313 respiratory therapist (advanced) programs and 66 respiratory therapist (entry-level) programs. This is compared to 286 respiratory therapist (advanced) and 174 respiratory therapist (entry-level) programs in 1995.

TABLE 2.8
Respiratory Therapy Programs in U.S.

	1985	1990	1995	2002
Respiratory Therapist (Advanced REST)	232	259	286	315
Respiratory Therapist (Entry-level RESTT)	182	159	174	82

Source: Health Professions Education Data Book, 2003-2004.

In 2002, the entry-level requirements changed to an associate degree. Only 26 programs remain that graduate students only at the entry level. These programs are expected to phase out.

Regional Supply and Demand

Of the 315 accredited programs preparing respiratory therapists, 177 are in SREB states. This represents 56% of all the programs in the U.S. Graduates from the SREB region traditionally represent 37% of the nation's total graduates.

State Supply and Demand

It is interesting to note that Tennessee has a high rate of tobacco-using citizens and a high prevalence rate of cardiovascular and lung disease. These may contribute to the increased demand for this profession over the years.

The estimated employment in 2000 for respiratory therapists in Tennessee was 2,210. The projected employment for 2010 is 3,040, representing a growth rate of 3.2%, with 80 average annual openings. The average 10-year openings in Tennessee are 830. In 2000, there were 1,805 licensed respiratory therapists in Tennessee. This is compared to 1,852 licensed respiratory therapists in 2001 and 1,913 in 2002.

There are eight respiratory therapist (advanced) programs in Tennessee. Programs at Chattanooga State Technical Community College, Columbia State Community College, Roane State Community College, and Jackson State Community College offer A.A.S. degrees and programs last between 21 and 24 months. Volunteer State Community College offers a certificate, which lasts 9 months, or an A.S. degree, which lasts 24 months. East Tennessee State University offers a certificate, which lasts 12 months, or B.S. degree, lasting 20 months, plus general education requirements. Baptist College of Health Sciences in Memphis offers a B.H.S. (Bachelor of Health Sciences) degree, lasting 22 months, and Tennessee State University offers a B.S. degree, lasting 37 months. There were 72 graduates from these programs in 2001-02.

Three programs are offered for respiratory therapist (entry-level). These programs are located at Volunteer State Community College, which offers a diploma, certificate, and A.A.S. Tennessee Technology Center—Memphis awards an A.S. degree, and Walters State Community College leads to an A.A.S. degree. There were 42 graduates in 2001-02 from these institutions.

According to “The Source,” there were 81 completers in Tennessee available in 2000; 78 completers or 96.3% were employed. Although there are 2,210 estimated positions in 2000, only 1,913 were licensed in respiratory therapy in 2002. This represents a vacancy rate of 19%. A grade of A, above average for all occupations, is identified for this classification.

Summary

Hospitals will continue to employ more than 9 out of 10 therapists, but a growing number will work outside of hospitals under contract to home health agencies and nursing homes. Job opportunities will be best for therapists who work with newborns and infants.

The biggest shortage in medical therapy occupations in Tennessee is in respiratory therapy.

G. DIETITIAN AND DIETETIC TECHNICIAN

National Supply and Demand

The Bureau of Labor Statistics indicates that dietitians and nutritionists held about 49,000 jobs in 2000. More than half were in hospitals, nursing homes, or offices and clinics of physicians. State and local governments provided about one job in ten—mostly in health departments and other public health related areas.

According to the U.S. Bureau of Labor Statistics, employment of dietitians is expected to grow about as fast as the average for all occupations through the year 2005.



Other jobs were in restaurants, social service agencies, residential care facilities, diet workshops, physical fitness facilities, school systems, colleges and universities, and the federal government—mostly in the U.S. Department of Veterans Affairs. Some dietitians and nutritionists were employed by firms that provide food services on contract to such facilities as colleges and universities, airlines, correctional facilities, and company cafeterias. Some dietitians are self-employed, working as consultants to facilities such as hospitals and nursing homes or providing dietary counseling to individual clients.

As of 2001, there were 234 bachelor's and master's degree programs approved by the Commission on Accreditation for Dietetics Education (CADE). Supervised practice experience can be acquired in two ways. The first requires completion of a CADE-accredited coordinated program. As of 2001, there were 51 accredited programs, which combined academic and supervised practice experience and generally lasted four to five years. The second option requires completion of 900 hours of supervised practice experience in any of the 258 CADE-accredited internships. Internships may be full-time programs lasting six to twelve months, or part-time programs lasting two years. Students interested in research, advanced clinical positions, or public health may need an advanced degree.

According to the U.S. Bureau of Labor Statistics, employment of dietitians is expected to grow about as fast as the average for all occupations through the year 2005 because of increased emphasis on disease prevention, a growing aging population, and public interest in nutrition. Employment in hospitals is expected to show little change because of anticipated slow growth and reductions in patients' lengths of hospital stay. Faster growth, however, is anticipated in nursing homes, residential care facilities, and physician clinics. The job market for dietetic technicians is assumed to be similar as that for dietitians and nutritionists.

State Supply and Demand

Approximately 1,200 registered dietitians are employed in the state of Tennessee. The distribution of jobs follows the national average of approximately 33% employed in hospitals, 10% in long-term care facilities, 9% in community and public health, 10% in clinics and ambulatory care, and 11% in private practice as consultants. The number of registered dietetic technicians is fewer than 100, reflecting the low number of dietetic technician training programs in the state.

There are ten private colleges and public universities in the state that offer didactic programs in dietetics including the University of Tennessee at Chattanooga, Tennessee Technological University, Carson-Newman College, East Tennessee State University, the University of Tennessee at Knoxville, the University of Tennessee at Martin, the University of Memphis, Middle Tennessee State University, David Lipscomb University, and Tennessee State University. According to 2001 data, 215 juniors and seniors (freshman and sophomore enrollments are not available) are enrolled in dietetics education programs with the largest enrollment at Middle Tennessee State University.

In Tennessee, there are six postgraduate dietetic internships that provide the supervised practice component of dietetics training. These programs are located at East Tennessee State University, the University of Tennessee at Knoxville, the University of Tennessee at Martin, the University of Memphis, National Health Corporation, and Vanderbilt University Medical Center. These programs accept 66 students per year with Vanderbilt having the largest program.

There is only one dietetic technician training program in Tennessee, indicating an unmet need in providing opportunities for dietetic technician positions in the state. An associate degree is offered at Shelby State Community College with an enrollment of 21 students annually.

Summary

The demand for registered dietitians and dietetic technicians is expected to increase about as fast as the average for all occupations through 2010 as a result of increasing emphasis on disease prevention through improved dietary habits. A growing and aging population will increase the demand for meals and nutritional counseling in nursing homes, schools, prisons, community health programs, and home healthcare agencies. In addition to employment growth, job openings also will result from the need to replace experienced workers who leave the occupation.

The number of dietitians' positions in hospitals is expected to grow slowly as hospitals continue to contract out food service operations. On the other hand, employment is expected to grow fast in contract providers of food services, social services agencies, and offices and clinics of physicians.

TABLE 2.9
Tennessee Outlook Grading System for Clusters of Occupations

Occupation	Grade
Audiology/Speech Pathology	E
Physical Therapist	D
Physical Therapist Assistant	D
Occupational Therapy	B
Occupational Therapy Assistant	C
Respiratory Therapy	A
Dietitian and Dietetic Technician	A

Source: "The Source."

Grades are assigned to indicate the potential for employment based on openings, number of trained job seekers, and occupational growth. The grading system used is as follows: A for Excellent; B for Very Good; C for Favorable; D for Competitive; E for Very Competitive; and U for Ungraded because the number of trained job seekers is unknown, no formal training is required, and/or few job openings are expected.



II. MEDICAL ASSISTING

Medical Assistant, Surgical Technologist, Nursing Assistant

Status

Medical assistant is expected to be one of the ten fastest growing occupations through the year 2010, growing much faster than the average for all occupations.

Hospitals will continue to be the primary employer of surgical technologists, although much faster employment growth is expected in offices and physician clinics, including ambulatory surgical centers.

Job prospects for nursing assistants will be good because of fast growth and high turnover in this large occupation.

From 5.7 million to 6.5 million long-term care workers will be required to meet the needs of American seniors by 2050, up from 1.9 million employed in 2000. (HHS Secretary Tommy Thompson, 2003)

Medical assisting personnel (medical assistants, surgical technologists, and nursing assistants) perform routine administrative and clinical tasks to keep clinics, home health agencies, private medical practices, and other health care facilities running smoothly.

Medical assistant is expected to be one of the ten fastest growing occupations through the year 2010, growing much faster than the average for all occupations.



A. MEDICAL ASSISTANT

There are ten accredited programs for medical assisting in Tennessee.



National Supply and Demand

In 2002 there were 495 medical assistant programs and 221 medical assistant programs in 1995 that indicates the increasing utilization of this profession.

State Supply and Demand

The estimated employment in Tennessee for medical assistants was 5,470 in 2000. The projected employment for 2010 is 8,070; representing a 4.0% growth rate and 260 average annual openings. The average 10-year openings are 2,600.

There are ten accredited programs for medical assisting in Tennessee. Graduates of the program receive a certificate, diploma, or an associate degree. The certificate and diploma programs last between 8 and 15 months. The programs awarding an associate degree last 24 months.

TABLE 2.10
Tennessee Medical Assisting Programs

School	Award offered
Northeast State Technical Community College	A.A.S.
Cleveland State Community College	A.A.S.
Chattanooga State Technical College	Certificate
Miller Motte Business College	A.A.S.
West Tennessee Business College	Diploma
South College	A.S.
Tennessee Technology Center—Knoxville	Diploma
Tennessee Technology Center—McMinnville	Diploma
Concorde Career Center	Diploma, A.A.S.
National College of Business and Technology (Nashville)	A.S.

Source: Health Professions Education Directory, 2003-2004.

B. SURGICAL TECHNOLOGIST

National Supply and Demand

In 2002, there were 363 accredited surgical technologist programs. This is compared to 143 surgical technologist programs. Surgical technologists held about 71,000 jobs in 2000 with almost 75% employed by hospitals. Others are employed in clinics or surgical centers and in the offices of physicians and dentists who perform outpatient surgery.

Surgical technologists held about 71,000 jobs in 2000 with almost 75% employed by hospitals.



State Supply and Demand

Estimated employment for surgical technologists in 2000 was 1,980 with projected employment in 2010 of 2,760 representing a 3.4% growth rate. The average 10-year openings are 780 with average annual openings of

80 positions. The outlook grade is “C” with supply somewhat greater than demand. There were 13 surgical technologist programs graduating 177 students in 2002 according to the Health Professions Education Data Book, 2003-2004. The THA reports a 5% vacancy rate for surgical technologists. Accredited surgical technologist programs are located at Northeast State Technical Community College, Chattanooga State Technical Community College, Tennessee Technology Center–Crossville, Tennessee Technology Center–Dickson, Tennessee Technology Center–Hohenwald, Tennessee Technology Center–Jackson, Ft. Sanders Regional Medical Center, Tennessee Technology Center–Knoxville, Tennessee Technology Center–McMinnville, Tennessee Technology Center in Memphis, Tennessee Technology Center–Murfreesboro, Nashville State Technical Community College, and Tennessee Technology Center–Paris. These programs either lead to a certificate or diploma.

C. NURSING ASSISTANT

National Supply and Demand

The BLS (2002-2003) estimates that medical assistants held about 329,000 jobs in 2000. About 60% of jobs were in physician offices and about 15% were in offices of other health practitioners such as chiropractors, optometrists, and podiatrists. The rest were in hospitals, nursing homes, and other health care facilities.

By some estimates the country will need three times as many LTC workers by midcentury due to the aging population.



The turnover rate for nursing assistants in nursing homes ranges from 45% to 105% and turnover for home health aides is estimated to be 28%. The Census Bureau predicts that by 2020 there will be over 60 million people aged 65 and older. As the population ages, the demand for nursing assistants and home health aides will increase significantly.

Nursing assistants held about 1.4 million jobs in 2000. About one-half worked in nursing homes and about one-fourth in hospitals. The rest worked in residential care facilities or private households.

State Supply and Demand

Nursing assistant programs are located in a variety of settings in Tennessee: high school vocational programs, area technology centers, acute and long-term care centers, and private training programs. Licensure or registration in these areas vary and are not required, although a certificate of completion and an exam is mandatory for nursing assistants to practice.

Home health aides vary in background and training. According to HRSA there were 5,130 home health aides working in Tennessee in 1998. Tennessee ranked 40th among the 50 states in the number of aides per population. Home health aide employment in Tennessee was predicted to increase by 75.7% between 1996 and 2006. By some estimates the country will need three times as many LTC workers by midcentury due to the aging population. A report that outlines new approaches to address the potentially large workforce shortage in long-term care can be found at <http://aspe.hhs.gov/daltcp/reports/ltcwork.htm>.

TABLE 2.11

Tennessee Supply and Demand Data for Medical Assisting Personnel 1998-2002

	1998 Openings	2002 Average Annual Openings
Medical Assistant	425	260
Surgical Technologist	93	80
Nursing Assistant	1,060	1,350

Source: Tennessee Department of Employment Security, Research and Statistics 1999, 2002.



III. EMERGENCY MEDICAL SERVICES

EMT-Paramedics are increasingly allowed to provide primary care in emergency situations without transporting the patient to a medical facility.



Status

The Bureau of Labor and Statistics (BLS) projects that employment of Emergency Medical Technicians (EMT) will grow much faster than average for all occupations through the year 2006. Much of the growth will occur as positions change from volunteer to paid positions.

Additional job openings will occur as more states begin to allow EMT-Paramedics to perform primary care on the scene without transporting the patient to a medical facility, especially where supported by telemedicine technology.

Private ambulance companies tend to offer fewer wages and benefits than do fire departments and hospitals. Thus, demand may be greatest in private companies.

National Supply and Demand

The BLS projects that employment of EMTs will grow much faster than average for all occupations through the year 2010. Much of the growth will occur as positions change from volunteer to paid positions. Additional job openings will occur as more states begin to allow EMT-Paramedics to perform primary care on the scene without transporting the patient to a medical facility.

EMTs held about 172,000 jobs in 2000. About four in ten worked in local and suburban transportation or private ambulance services. About three in ten worked in fire, public ambulance, and emergency medical services (EMS). About two in ten worked in hospitals, and one in ten worked in various other industries providing emergency services. In addition, there are many volunteer EMTs. The salaries of the EMTs may vary greatly according to the type of employer (see Table 2.12).

TABLE 2.12

Average Annual Salaries of Emergency Medical Technicians, by Type of Employer 1996, 2000.

Employer	EMT-Basic 1996	EMT-Basic 2000	EMT-Paramedic 1996	EMT-Paramedic 2000
All employees	\$25,051	\$31,670	\$30,407	\$35,689
Fire departments	\$29,859	\$36,566	\$32,483	\$42,161
Hospital Based	\$18,686	\$21,381	\$28,373	\$31,130
Private Ambulance Services	\$18,617	\$21,614	\$23,995	\$30,020

Source: Journal of Emergency Medical Services www.jems.com/jms/sept2000/salariesurvey00.pdf.

Because of the discrepancies in pay scales, opportunities in hospitals and private ambulance services are expected to be excellent. The competition will be greater for positions in fire, police, and rescue squads due to higher salaries.

In 2002, there were 149 EMT-Paramedic programs in the United States. The number of accredited programs has continually grown since 1985, as Table 2.13 illustrates.

TABLE 2.13

National Accredited Emergency Medical Technicians-Paramedic Programs

Year	1985	1990	1995	1998	2002
Number of Programs	20	72	96	109	149

Source: Health Professions Education Directory, 2003-04.

Regional Supply and Demand

A total of 79 of the accredited 149 programs are in the SREB region, representing 53%. Many of the programs are concentrated in three states: Alabama, Florida, and Texas, while other states such as Georgia and West Virginia do not have any accredited programs. Florida alone has 24 programs and graduated 871 students in 2001-2002.

State Supply and Demand

The estimated employment for emergency medical technicians and paramedics in Tennessee in 2000 was 2,710. The projected employment for 2010 is 3,760, representing a 3.3% growth rate and 110 average annual openings. The average 10-year openings in Tennessee for emergency medical technicians and paramedics are 1,050.

In 2000, there were 10,531 licensed emergency medical technicians and paramedics in Tennessee. This is compared to 10,901 licensed emergency medical technicians in 2001 and 11,280 in 2002.

Tennessee offers eight EMT-Paramedic programs. Four of the programs offer certificates. These programs are located at Northeast State Technical Community College, Chattanooga State Technical Community College, Columbia State Community College, and Southwest Tennessee Community College. The four certificate and A.A.S. degree programs are through Volunteer State Community College, Jackson State Community College, Roane State Community College, and Walters State Community College. These programs last between 12 and 24 months.

In 2000, there were 350 EMT-Paramedic completers in Tennessee.

Summary

Demand is expected to grow as paid positions replace volunteer positions and EMT-Paramedics are increasingly allowed to provide primary care in emergency situations without transporting the patient to a medical facility. The expanding population, particularly in older age groups that are the greatest users of emergency medical services, will also play a part in the growth in this field.

DIAGNOSTIC



I. MEDICAL IMAGING

Diagnostic Radiologic Technology, Radiation Therapy, Nuclear Medical Technology, Diagnostic Medical Sonography

Status

Tennessee's radiography programs are adequate to meet current and projected needs, although regional and national shortages are being reported.

Numbers of graduates in Tennessee continue to decline, which may result in shortages in the future. While national population ratios for radiographers have increased, the ratios have decreased in Tennessee.

Technologists trained in both nuclear medicine and radiologic technology will have the best employment prospects.

The professional organization continues to study the move to the B.S. degree as the standard of practice.

Federal studies to determine the impact of educational standards on the quality of care in ultrasound are underway and may lead to increased regulations.

For the purposes of this section, these occupations are grouped as follows: A. Diagnostic Radiologic Technology, including CT and MRI; B. Radiation Therapy; C. Nuclear Medicine Technology; and D. Diagnostic Medical Sonography.

Tennessee's radiography programs are adequate to meet current and projected needs, although regional and national shortages are being reported.



A. DIAGNOSTIC RADIOLOGIC TECHNOLOGY (INCLUDING CT AND MRI)

Although hospitals remain the principal employer of radiologic technologists, employment is growing most rapidly in physician offices and clinics, including diagnostic imaging centers.



National Supply and Demand

The BLS projects that radiologic technologists have a high rate of growth, with employment greater than average. In 2000, there were 167,000 radiographers working in the United States. Due to fewer graduates of accredited programs, a decline in the number of new RTs in 1999-2000 was reported. The *Journal of the American Society of Radiologic Technologists* reported in April 1999 that the "current rate of growth in the number of new RTs is not sufficient to replace normal attrition from the profession, let alone the impending large scale declines due to retirements. Just when the need for health care is projected to increase, the supply of radiologic science professionals may well be decreasing" (vol. 70, no. 4, p. 379). The ARRT 2002 annual report indicates an overall increase of 9.6% in first-time candidates which is the second consecutive increase following several years of decreasing volume. However the American Society of Radiologic Technologist

(ASRT) research shows that even with this increase, the nation will produce only about 52,300 more radiographers by 2010. This is 30% fewer than the 75,000 radiographers that the BLS estimates will be needed.

TABLE 3.1
New Certificates in Radiography 1994-2002

Year	1994	1995	1996	1997	1998	1999	2000	2001	2002
New Certificates	10,628	10,330	9,427	8,691	8,146	7,595	7,149	7,434	8,168

Source: ARRT Annual Report, 1994-2002.

The location of employers for radiographers is changing. A study by the American Registry of Radiologic Technologists reported that between 1972 and 1990, the percent of radiographers who worked in the hospital setting dropped from 72% to 65%, and the rate has continued to decline. Although hospitals remain the principal employer of radiologic technologists, employment is growing most rapidly in physician offices and clinics, including diagnostic imaging centers. The 2003 American Hospital Association report, "In Our Hands," reported vacancy rates in the fall of 2001 of 15.3% nationally for imaging technologists. Sixty-eight percent of hospitals reported more difficulty recruiting between 1999 and 2001. Imaging job categories in which hospitals are experiencing workforce shortage include radiology, nuclear medicine, and ultrasound imaging with 71% of hospitals reporting shortages. This is second only to registered nurse vacancies, with 84% of hospitals reported shortages.

The U.S. labor force is aging. The median age of the labor force in 1998 was 38.7 with 40.7 years predicted in 2008, while the average age of the working radiologic technologist today is 41. Over 66% of the imaging labor force is above the age of 35, which is a higher percentage than the age distribution of all other professions (ARRT and BLS, 1998). Only 14.5% of radiologic technologists working today are younger than 30 (www.ASRT.org/ASH.htm).

From 1984 to 1991, the number of radiography programs nationwide declined by 80 programs from 760 to 680 programs and have continued to decline to 585 in 2003. The Department of Labor estimates that the annual graduation rate will not satisfy the growth from increased demand and attrition and that 50,000 more radiologic technologists will be needed within the next 10 years.

Despite the upturn in students choosing to study radiologic technology, the overall shortage in RTs could continue to grow because of looming retirements. At an average age of 41, it is one of the oldest groups among the allied health professions. In 15 to 20 years, when the demand for health care is expected to skyrocket, a large number of RTs will be retiring.

Regional Supply and Demand

The SREB data shows a total of 233 accredited programs that graduated 3,238 students in 1998. This number represented 40.6% of the graduates in the nation that year. In 2002 there were 243 programs that graduated 3,587. This number represents 41% of the 585 programs and 50% of the graduates in the U.S.

State Supply and Demand

Although there are currently 5,373 RTs registered in good standing with the ARRT who reside in Tennessee, only 3,998 indicate they work full-time and 619 indicate part-time employment. Of those registered, 2,117 identify radiography as their primary discipline of employment.

The Tennessee Hospital Association reports vacancy rates for hospitals by county. They report that of the 2,441 budgeted positions for radiographers, 306 of those are vacant, representing a 13% vacancy rate for hospitals in Tennessee. This is similar to the national vacancy rate of 15%. Considering there were only 202 new candidates prepared for registration in Tennessee during 2002, a worsening shortage is predicted for Tennessee. The occupational outlook for Tennessee in this field is excellent.

TABLE 3.2
Tennessee Registered Radiographers, 1989-2003

	1988	1989	1990	1991	1992	1999	2003
Registered Radiographers	2,997	3,255	3,446	3,557	3,907	4,891	5,367
Full-time Practice							3,998

Source: American Registry of Radiologic Technology, 1988-2003, Annual Reports.

In Tennessee, there are 11 accredited radiography programs. Six offer A.A.S. degrees and two offer B.S. degrees. These programs are located at Chattanooga State Technical Community College, Columbia State Community College, Volunteer State Community College, Jackson State Community College, Southwest Tennessee Community College, and Roane State Community College. The University of Tennessee Medical Center at Knoxville, Metropolitan Nashville General Hospital, and Methodist Healthcare in Memphis offer a certificate. The Baptist College of Health Sciences in Memphis and East Tennessee State University offer B.S. degree programs. New programs at Austin Peay State University, South College in Knoxville, and Medivance Institute in Cookeville are being developed.

TABLE 3.3
Tennessee Radiography Programs and Graduates 1989-2002

	1989	1990	1991	1992	1999	2001-02
Programs	11	11	13	13	12	11
Graduates	120	172	179	189	160	148*

Source: THEC graduation data, 2002.

*Graduation rates from THEC are lower than data acquired on new registrants.

The ARRT Annual Report indicated that 179 candidates sat for the ARRT exam in 1999, and 202 candidates each year sat for the ARRT exam in 2000, 2001, and 2002. This represents no growth in supply for the last three years in Tennessee.

Post-primary examinations offered through the American Registry of Radiologic Technology include cardiovascular-interventional technology, mammography, computed tomography, magnetic resonance imaging quality management, sonography, vascular cardiac-interventional technology, vascular-interventional technology, and bone densitometry. Formal training programs for these areas have been initiated in some institutions that also offer entry-level programs.

A limited practice x-ray technician is allowed to practice in Tennessee. These personnel are prepared through a 40 clock-hour course approved through the Tennessee Board of Medical Examiners, and completers take a state exam. The limited areas of practice presently include examinations of chest and extremities.

Technicians and technologists must be licensed to work in most office settings. The Tennessee Occupational Information System reports continued growth with a 2% growth rate expected until 2010 for technicians.

Summary

Tennessee has not been educating an adequate number of radiographers as indicated by hospital vacancy rate data and state supply and demand data. National shortages continue even though there is an increase in the number of radiography applicants and graduates. A telephone survey of the programs in Tennessee indicates they are at capacity for the number of funded faculty positions.

In addition to post-primary certificates, the professional organization, ASRT, has proposed a radiologist assistant as an extender of the role of radiologist. Tennessee has converted two programs into baccalaureate-level programs in radiography. Baccalaureate-level programs are sources of graduates who may be potential faculty members or managers in this discipline.

B. RADIATION THERAPY

National Supply and Demand

Radiation therapy departments are facing several staffing shortages that could affect patient care and increase the number of hours worked and the quality of patient care, according to a study in the June 2003 International Journal of Radiation Oncology, Biology, and Physics. The study sites an 18.3% vacancy rate nationally, or 1,800 radiation therapists.

The BLS predicts that the U.S. will need 7,000 more radiation therapists by 2010.



A workforce study by the radiologic professional association found that over a four-year period, the number of full-time radiation therapists nationwide increased by 26%, from 4,242 in 1986 to 5,353 in 1990 (Lang, 1991) and 60% between 1990 and 2003 with 13,465 registered radiation therapists in 2003. The BLS predicts that the U.S. will need 7,000 more radiation therapists by 2010. With over 1,800 vacancies reported in 2003 and less than one-third enough graduates to fill those vacancies, the shortage is predicted to continue for at least the next eight to ten years.

In 1985, there were 101 accredited radiation therapy programs nationally. In 1990, this number increased to 104 programs. In 1995, there were 120 accredited programs nationally, but this number dropped to 71 in 2002. The 2002 data show a smaller number of programs (71) are producing more graduates.

TABLE 3.4
U.S. Radiation Therapy Programs and Graduates

	1985	1990	1991	1992	1994	1998	1999	2000	2001	2002
Programs	101	104	111	121		84		80	79	71
Graduates			659	792	1,045	388	389	399	579	652

Source: Health Professions Education Directory, 1991-2002, <http://www.arrrt.org>.

Regional Supply and Demand

In 1992, there were 40 radiation therapy programs in the SREB states and 111 programs in the U.S. In 2003, there are 27 in the SREB states and 71 programs across the country.

The number of graduates who qualified to sit for the ARRT therapy exam from SREB programs was 252 in 2002, representing 38.6% of all radiation therapy graduates in that year.

State Supply and Demand

In 2003, there were 305 radiation therapists in Tennessee. The number needed is projected to be 350 in 2008. This represents a growth rate of 2.11% with ten job openings annually, six due to growth and four due to replacement. There were 33 successful candidates for the ARRT in 2002.

In 2002, there were three accredited radiation therapist programs in Tennessee. Two certificate programs, which last 12 months, are at Chattanooga State Technical Community College and Vanderbilt University Medical Center, which is affiliated with Middle Tennessee State University to offer a B.S. degree. One program leading to a B.S. degree is located at Baptist College of Health Sciences in Memphis. This program also offers night and weekend classes and lasts 48 months.

Thirty-nine graduates from these programs in Tennessee qualified to sit for the radiation therapy ARRT exam in 2002.

Summary

Tennessee has made progress toward educating an adequate supply of radiation therapists. Two of the three programs in the state are sponsored by hospitals and one is a public community college that requires a certification in radiography for admission. This results in a 36-month educational investment and two certifications for practice, although typically graduates practice radiation therapy rather than radiography. Although this add-on approach provides career change opportunities for the radiographer, the national trend has been to provide training for radiation therapists at the bachelor's or associate degree for entry-level with bachelor's degree programs showing the most growth.

C. NUCLEAR MEDICINE TECHNOLOGY

In 2000, the estimated employment for nuclear medicine technologists in Tennessee was 710.

This number is projected to be 820 in 2010.



National Supply and Demand

The Department of Labor has indicated that the supply of nuclear medicine technologists has varied widely. The supply of technologists increased rapidly in the 1980s but declined in the middle and late 1990s; however, some technological innovations such as PET may increase the diagnostic uses of nuclear medicine. Another example is the use of radiopharmaceuticals in combination with monoclonal antibodies to detect cancer at far earlier stages than is customary today and without resorting to surgery. Another is the use of radionuclides to examine the heart's ability to pump blood. Wider use of nuclear medical imaging to observe metabolic and biochemical changes for neurology, cardiology, and oncology procedures will also spur some demand for these professionals (BLS, 1999).

Employment is expected to grow about as fast as average for all occupations through the year 2006. Growth will arise from an increase in the number of middle-aged and older persons who are the primary users of diagnostic procedures, including nuclear medicine tests. A 2001 NMTCB Salary Survey reported a national vacancy rate of 12.5%.

In 2000, there were 18,000 nuclear medicine technologists in the United States. Two-thirds were employed in hospitals, and the rest worked in physician offices and diagnostic imaging centers.

In 1985, there were 141 accredited nuclear medicine technology programs but this number dropped to 107 in 1990. This number rose again in 1995, with 120 programs but dropped in 2002 to 92 accredited programs.

TABLE 3.5

U.S. Nuclear Medicine Technologists

	1988	1989	1990	1993	1999	2000	2003
ARRT	9,491	9,784	10,815	11,022	11,109		10,634
NMTCB							21,989
BLS						18,000	

Source: ARRT Annual Report of Registered Technologists, April 1999, 2001, 2003.

Two agencies provide certification/registration, ARRT and NMTCB, and practitioners often hold both. Accurate data on the total number of practitioners are not available.

Regional Supply and Demand

In 2003 there were 39 accredited nuclear medicine programs in SREB states, and 92 programs nationally. The SREB states graduated 240 in 1999, representing 40% of the national total. This figure is relatively unchanged in 2003.

State Supply and Demand

In 2000, the estimated employment for nuclear medicine technologists in Tennessee was 710. This number is projected to be 820 in 2010. This represents an annual growth rate of 1.5%, with ten annual job openings. Certification is voluntary; however, as of 2003 a total of 687 nuclear medicine technologists hold certificates in Tennessee. Of these, 467 hold NMTCB certification and 220 hold ARRT certification.

In 2002, there were 37 graduates from five nuclear medicine technology programs in Tennessee. Three programs are hospital based and offer certificate and/or bachelor's degrees. Methodist Hospital of Memphis awards certificate degrees, Vanderbilt University Medical Center awards a certificate but articulates with several universities which offer the bachelor's degree upon completion, and the University of Tennessee Medical Center at Knoxville awards certificate and bachelor's degrees. Two non-hospital based programs, Chattanooga State Technical Community College and Baptist Memorial College of Health Science, also offer certificate degrees.

There is no overall shortage of nuclear medicine technologists in Tennessee, although some regions report vacancies. Supply of these professionals is currently provided by five programs that graduate a number equal to the projected state demand. The five border states produce fewer graduates in these areas and out-migration of Tennessee's graduates to other states may be occurring.

D. DIAGNOSTIC MEDICAL SONOGRAPHY

National Supply and Demand

In 2000, there were 38,594 diagnostic medical sonographers. More than half worked in hospitals. Many sonographers, like radiologic technologists, have moved from hospitals to outpatient practices. Ultrasound has been used in medical diagnosis since 1970, and initially, training consisted of one or two weeks of in-hospital training. Because licensure to practice is not required, sonographers often are still trained in short programs that are initiated and terminated based on local need to meet local needs, making determination of supply and demand difficult.

Many sonographers, like radiologic technologists, have moved from hospitals to outpatient practices.



The Joint Review Committee on Education in Diagnostic Medical Sonography accredits most formal diagnostic medical sonography training programs. In 1985, there were 24 accredited diagnostic medical sonography programs. This number rose to 42 in 1990 and grew to 77 in 1995. In 2003, there are 102 diagnostic sonography programs in the United States.

Sonographers can obtain national certification from the American Registry of Diagnostic Medical Sonographers. As relatively few risks are associated with this modality, licensure or certification is not nationally required. However, the registry recorded 18,264 registered sonographers in June 1993 and 38,594 in March 2000, representing a significant increase in the use of this imaging modality and a trend toward acquiring national certification.

From 1988 to 1998, the number of sonography programs nationally grew from 34 to 77, an increase of over 100%. Enrollment and the number of graduates have each increased substantially from 1988 to 1998, as shown in Table 3.6. As of the end of December 2002 the number of programs increased by 24, or 32% since 1998.

TABLE 3.6
U.S. Diagnostic Medical Sonography Programs, 1988-2002

Year	Total Programs	Total Enrollment	Graduates
1988	34	461	264
1989	38	567	316
1990	43	635	338
1991	47	887	443
1992	56	977	565
1998	77	1,366	730
2002	96	1,452	829

Source: AMA Allied Health Education Fact Sheet, 1990 and 1992; Allied Health Education Directory, 1993; and AMA Health Professions Education Directory, 1999-2000, 2003-2004.

Regional Supply and Demand

Data from the SREB indicates that there are 29 regional programs that graduated 246 students in 1998, representing 33.6% of the total graduates in the nation. In 2002 there were 41 programs graduating 347, representing 41% of the total graduates in the nation.

TABLE 3.7
U.S. and SREB Accredited Sonography Graduates

	1989	1990	1991	1998	2002
SREB	84	74	101	246	347
National	316	338	443	730	829

Source: SREB Dat-Ex, 1992; AMA, 1999-2000, 2003-2004.

State Supply and Demand

Population ratios are not available as sonographers are not licensed in Tennessee and accurate numbers of practitioners are not available. Many sonographers have been trained on the job and are not registered. The Tennessee Department of Employment Security does not keep figures on supply and demand in this category.

Tennessee has two accredited sonography programs in community colleges. Chattanooga State Technical Community College and Volunteer State Community College offer certificate programs. Vanderbilt Medical Center and Baptist Memorial College of Health Sciences in Memphis offer certificate programs. Several other hospitals and community college programs offer training based on analysis of local need.

According to the Health Profession Education data book for 2003-2004, Tennessee graduated 26 sonographers from the two accredited programs in 2001. Regional shortages are reduced by local training programs.

TABLE 3.8
Tennessee New ARRT Candidates

	1993	1998	1999	2000	2001	2002
Nuclear Medicine Technologist	23	30	8	8	11	37*
Radiologic Technologist (Radiographer)	189	160	171	202	202	202
Radiation Therapist	32	13	7	9	25	39

Source: Telephone Survey, ARRT, *ARRT and NMTCB; some may hold both certifications.

Summary

Tennessee is not educating an adequate number of radiographers based on reported vacancies. A telephone survey of the programs indicates they are enrolling at capacity for clinical sites and/or staffing levels. Tennessee has two baccalaureate programs: East Tennessee State University and Baptist Memorial College of Health Sciences.

There has been no increase in the number of radiographers over the last three years. The vacancy rates identified by hospitals indicate a growing shortage in this area. With decreased funding for higher education this situation may not improve.

While statewide statistics help clarify the supply and demand situation, consideration must be given to the mobility of graduates, which contributes to regional shortages.

Sonography is showing growth and this growth is being met in Tennessee by two accredited programs and local training opportunities. Directors of human resources have reported shortages across the state. Beginning in 2005, an associate or higher degree from an accredited program will be required for registration. Since neither registration nor licensure is required, the supply/demand data is difficult to assess except through anecdotal reports of shortages from hospital human resource officers.



II. CLINICAL LABORATORY SERVICES

Medical Technology, Medical Laboratory Technician, Phlebotomist

Status

National shortages in laboratory personnel are becoming significant according to the results of a survey conducted by the American Society of Clinical Pathologists' Board of Registry.



New, more powerful diagnostic tests will encourage more testing and spur employment.

The Clinical Laboratory Improvement Act (CLIA) requires technologists who perform certain highly complex tests to have at least an associate degree.

Tennessee's vacancy rate for clinical medical technologists and clinical medical technicians is 13%.

Shortages in the clinical laboratory sciences need to be addressed through student recruitment.

National Supply and Demand

In 2000, there were 295,000 estimated clinical laboratory technologists and technicians employed in the United States, more than half of whom worked in hospitals.

Technological advances have two opposing effects on employment and will continue to do so through 2006. New, more powerful diagnostic tests will encourage more testing and spur employment. However, advances in laboratory automation and simpler tests make it possible for each worker to conduct more tests and thereby possibly reduce demand.

A biannual survey sponsored by the American Society of Clinical Pathologists (ASCP) showed that job vacancy rates are high in medical laboratories. The following data, presented in Table 3.9, includes hospital, blood bank, clinic, and independent clinical medical laboratories. ASCP has targeted recruitment of qualified students and retention of currently practicing professionals as ways to reduce shortages.

TABLE 3.9

National Vacancy Rates for Clinical Laboratory Positions 1988-2002

	1988	1990	1994	1996	1998	2002
Medical Technologists						
Staff	9.3	11.6	9.6	8.2	10.2	7.2
Supervisor	5.0	10.2	10.3	8.6	9.3	5.8
Manager	5.2	7.1	15.4	7.7	15.4	3.1
Medical Lab Technician	6.5	11.1	14.8	12.5	12.3	9.0
Phlebotomists	8.2	12.2	14.8	12.5	12.3	9.0
Cytotechnologists	13.6	27.3	19.2	7.1	10.5	6.3
Histologic Technologists	NA	14.3	17.4	5.3	10.3	10.9
Histologic Technicians	6.2	9.5	8.7	13.0	12.9	9.1

Source: American Society of Clinical Pathologists, 1999.

American Society of Clinical Pathologists, 2002, Hospital Vacancy Rates.

The decline in the number of medical technology (MT) programs, as shown in Table 3.10, has been dramatic. In 1990-1992, 10 programs closed. In a seven-year period, 205 programs closed resulting in a decline from 615 programs in 1984 to 410 in 1991. In 1998, there were 288 active programs; by 2003, the number of active programs had declined to 254.

The number of graduates declined nationally by 3% between 1990 and 1991, from 3,024 to 2,932 graduates. A slight increase to 3,201 graduates in 1992 was coupled with a decline in the number of programs from 410 to 404. The increase of graduates was due to increased enrollments. In 1998, there were 2,667 graduates, 265 fewer than in 1991.

Medical laboratory technician (MLT) programs increased by 21.3% in the 10-year period from 1981 to 1991. From 1991 to 1998, the number of programs fluctuated and in 1998 returned to approximately the same number that existed in the early 1990s. Some increase in the number of programs is seen from 2002 to 2003.

TABLE 3.10

U.S. Trends in Clinical Laboratory Programs: Number of Programs

Year	Medical Technologist	Medical Lab Technician
1971	773	212
1976	696	191
1981	640	211
1986	516	261
1991	410	256
1992	404	255
1995	357	223
1998	288	249
2002	238	222
2003	254	226

Source: SREB Dat-Ex, 1993.

Health Professions Education Directory, 1999.

Health Professions Education Data Book, 2003-2004.

TABLE 3.11
U.S. Clinical Laboratory Graduates

	1989	1990	1991	1992	1998	2002
Medical Technologist	3,148	3,024	2,932	3,201	2,667	1,753
Medical Lab Technician	2,292	2,292	2,437	2,559	2,412	1,273

Source: Allied Health Education Directory, 1993.
Health Professions Education Directory, 1999.
Health Professions Education Data Book, 2003-2004.

TABLE 3.12
Accredited Programs in the United States for Clinical Laboratory Scientist/Medical Technologist (CLS/MT), Clinical Laboratory Technician/Medical Laboratory Technician (CLT/MLT)- associate degree, and Clinical Laboratory Technician/Medical Laboratory Technician (CLT/MLT) – certificate

	1985	1990	1995	2003
CLS/MT	584	420	357	254
CLS/MT—associate degree	225	215	223	210
CLS/MT—certificate	56	41	37	16

Source: Health Professions Education Data Book, 2003-2004.

Regional Supply and Demand

There were 91 medical technology programs in the SREB in 2003 and 115 medical laboratory technician programs. Data from the SREB in Table 3.13 show that the number of clinical medical technology graduates in 1998 in the region is equivalent to the number of graduates in 1989. The number of graduates for both medical technologist and medical laboratory technicians has declined drastically since 1998.

TABLE 3.13
Regional Clinical Laboratory Graduates

	1989	1990	1991	1998	2002
Medical Technologist	1,033	968	937	1,040	627
Medical Lab Technician	1,207	1,206	1,196	1,030	692

Source: SREB Dat-Ex, 1992.
Health Professions Education Directory, 1999.
Health Professions Education Data Book, 2003-2004.

In 2003, there were 19 accredited cytotechnologist programs in the SREB region and 48 in the U.S. This number represents 40% of the nation's programs.

State Supply and Demand

In 2000, the estimated employment of medical and clinical laboratory technologists in Tennessee was 4,130. This number is projected to be 4,610 in 2010, with a growth rate of 1.1% and 50 average annual openings. The average 10-year openings for medical and clinical laboratory technologists are 480.

The estimated employment for medical and clinical technicians in 2000 in Tennessee is 5,440. The projected employment for 2010 is 6,150 with a 1.2% growth rate and 70 average openings. The average 10-year openings for medical and clinical laboratory technicians are 710. Licensure information for each is located in Table 3.14.

TABLE 3.14

Number of Licensed Medical and Clinical Laboratory Technologists and Medical and Clinical Laboratory Technicians in 2000, 2001, and 2002

	2000	2001	2002
Medical and Clinical Laboratory Technologists	2,737	2,664	2,562
Medical and Clinical Laboratory Technicians	1,980	1,952	1,942

Source: TN Department of Labor and Workforce Development, Employment Sec. Div., Research and Statistics Section, 2003

There are six programs in clinical laboratory scientist/medical technologist (CLS/MT) in Tennessee. Vanderbilt University Medical Center offers a certificate program that lasts 12 months. Austin Peay State University and the University of Tennessee Medical Center at Knoxville offer certificates and B.S. degrees. These programs last 12 or 13 months. Lincoln Memorial University and Tennessee State University offer B.S. programs that last between 12 and 18 months. University of Tennessee Health Science Center in Memphis offers a B.S. program that lasts 21 months and an M.S. program that lasts 48 months.

There are six associate degree programs in clinical laboratory technician/medical laboratory technician (CLT/MLT) in Tennessee. These programs are at Med Vance Institute in Cookeville, Northeast State Technical Community College (formerly at East Tennessee State University), Jackson State Community College, and Southwest Tennessee Community College. (Both Roane State Community College and Columbia State Community College discontinued their programs in 2000, due to budget cuts and enrollment issues.) These programs offer an A.A.S. degree and last between 18 and 24 months. There are no programs in Tennessee that offer a certificate.

In 2001, the supply of clinical medical technology graduates did not equal the state's demand. There were 272 vacant positions in hospitals alone, due to a combination of growth and replacement, but only 21 graduates to fill those positions. Hospital vacancy rates in Tennessee are 13% according to a THA study.

Additionally, there is a shortage of clinical medical technician graduates in Tennessee. The projected annual need is 70. In 2002, there were 16 graduates in the field (certificate degree and associate degree combined).

Summary

The 2002 survey data indicate some significant positive changes that should translate to an overall increase in enrollment and should lead to more graduates in all programs within the next two years. This should reduce the shortage to some degree. In addition to a boost in the number of applicants and total enrollment for all categories, clinical sites appear to be more willing to provide clinical rotation sites. There was no significant decline in the number of programs in 2002 as compared to 2000. A telephone survey of all programs in May 2003 indicates an increased number of applicants for the 2003-2004 class. Austin Peay State University has increased its enrollment capacity due to outside funding and partnership with the Tennessee Hospital Association.



III. DENTAL SERVICES

Dental Hygienists, Dental Assistant, Dental Laboratory Technician

Status

Currently in Tennessee, there are supply shortages in all three basic dental auxiliary categories: hygienist, assistant, and laboratory technician.

Dental hygienists and dental assistants are increasingly responsible for patients' routine dental care so that dentists may focus on more complex procedures. This has increased the demand for hygienists and assistants.

The demand for dental assistants should be addressed by additional programming.

The BLS predicts that dental hygiene will be one of the thirty fastest growing occupations in the coming years.



National Supply and Demand

The American Dental Association estimated that in 2000 there were 152,000 professionally active dentists in the United States. About 80% are sole proprietors while 13% are in partnerships. Tennessee ranks below the national average with only 41.2 dentists per 100,000 people in 1998. Dental hygienists and assistants work directly with dentists.

As members of the baby-boom generation advance into middle age, a large number will need maintenance on complicated dental work such as bridges. In addition, elderly patients are more likely to retain their teeth than they have been in past, so they will continue to require dental care as they age. Interestingly, the demand for dentists will not grow as rapidly as the demand for dental services, indicating that dental hygienists and assistants may increasingly serve as supply substitutes.

The BLS predicts that dental hygiene will be one of the 30 fastest growing occupations in the coming years. Job opportunities should continue to be good if graduates of dental hygiene programs do not increase greatly in number. Dental hygienists held 147,000 jobs in 2000. Over one-half of dental hygienists worked part-time. Almost all dental hygienists work in private dental offices. Some work in public health agencies, hospitals, and clinics.

This prediction is based on a more effective use of the hygienist by younger dentists entering the field and the increasing availability and use of dental insurance. The American Dental Hygienist Association estimated that there were approximately 81,000 actively practicing dental hygienists in the United States. However, 17% of the individuals holding active dental hygiene licenses do not practice.

According to the Commission on Dental Accreditation of the American Dental Association, there are 235 accredited dental hygiene programs in the country in 2003. Since 1991, the number of graduates has increased by 23%.

Dental assistants held about 247,000 jobs in 2000. Almost two out of five worked part time, sometimes in more than one dental office. Virtually all dental assistants work in private dental offices though a small number work in dental schools, private and government hospitals, state and local public health departments, or clinics.

Dental assisting programs reached a high in 1988, declined in 1990, and stabilized in the late 1990s. The number of graduates grew from 3,848 in 1992 to 5,270 in 1998, an increase of 27%. This trend occurred at national, regional, and state levels.

Dental laboratory technicians held about 43,000 jobs in 2000. Most jobs were in commercial dental laboratories, which usually are small, privately owned businesses with fewer than five employees. However, some laboratories are large; a few employ more than 50 technicians. Some dental laboratory technicians work in dentists' offices. Others work for hospitals providing dental services, including U.S. Department of Veterans Affairs hospitals. Some technicians work in dental laboratories in their homes in addition to their regular jobs.

The 45 accredited dental laboratory technology programs graduated 404 laboratory technicians in 1991. In 1998, the number of programs had dropped to 35 and the graduates to 381. From 1988 to 1991, there was a 29% decline in the number of graduates; from 1991 to 1998 there was an additional small decline of 6%.

TABLE 3.15

Accredited Dental Assistant, Dental Hygienist, and Dental Laboratory Technician programs in the United States

	1985	1990	1995	2002
Dental Assistant	290	244	229	260
Dental Hygienist	198	202	212	267
Dental Laboratory Technician	58	49	37	26

Source: Health Professions Education Data Book, 2003-2004.

Regional Supply and Demand

In 1995, there were 153,346 active dentists in the United States, which translates into 58.3 dentists per 100,000 people. However, dentists are not evenly dispersed throughout the country. Dentist-to-population ratios vary widely from one region of the country to another. As of 1995, the Northeast region had 72.1 active dentists to 100,000 population, the West had 61.6, and the South had 47.3 dentists per 100,000 population. At 50.8 dentists per 100,000 population, Tennessee ranks above the regional average, but below the national average (estimated by the Bureau of Health Professions based on unpublished data from the ADA, 1999).

Data from SREB showed 89 active programs in dental hygiene in the region, which graduated 1,744 students in 1998. This represented 38% of the nation's programs and 33.4% of its graduates.

The number of dental laboratory programs in the SREB region decreased by 82%, while the number of graduates increased. In 1990, SREB states sponsored 31 dental laboratory technology programs graduating 171 students. In 1998, the number of programs decreased to 17 but produced 270 graduates. The SREB region produced 71% of all the nation's graduates in that year (Health Professions Education Directory, 1999).

State Supply and Demand

Tennessee state data reveals that the dental professions continue to be occupations where opportunities will continue to grow (Table 3.16). In 1998, there were 117 graduates of accredited dental hygiene programs and 160 openings, leaving an unmet need of 43. The unmet need for dental assistants was even greater. In 1998, Tennessee graduated 100 dental assistants yet there were 222 openings. The same pattern was true for dental lab technicians, although the numbers were substantially smaller. In 1998, there were only eight graduates and 39 openings.

TABLE 3.16
Tennessee Supply and Demand Data

	Openings 2000	Openings 2010	Average Annual Openings	Annual Rate of Growth (%)
Dental Hygienist	1,320	1,630	30	2.1
Dental Assistant	4,150	5,120	100	2.1
Dental Laboratory Technician	830	740	0	0.0

Source: Tennessee Department of Employment Security, Research and Statistics, 2002.

In 2000, there were 140 dental hygienist graduates, 123 dental assistant graduates, and 122 dentists in Tennessee.

In 2000, the estimated employment of dental hygienists in Tennessee was 1,320. The projected number of dental hygienists in 2010 is 1,630. The growth rate is 2.1%, with 30 average annual openings. The average 10-year openings for dental hygienists are 310. The estimated employment of dental assistants in 2000 was 4,150. The projected employment for 2010 is 5,120 dental assistants. The growth rate is 2.1% with 100 average annual openings and 970 average 10-year openings. The estimated employment of dental laboratory technicians in 2000 is 830. The projected employment in 2010 is expected to drop to 740, representing a negative growth rate of 1.1%. There will be zero job openings annually and zero 10-year openings.

TABLE 3.17
Number of Licensed Dental Hygienists and Dental Assistants in Tennessee in 2000, 2001, and 2002

	2000	2001	2002
Dental Hygienists	2,920	3,011	3,090
Dental Assistants	3,720	3,814	4,018

Source: TN Department of Labor and Workforce Development, Employment Sec. Div., Research and Statistics Section, 2003

There are eight dental assistant programs in Tennessee. Certificate programs are located at Chattanooga State Technical Community College, East Tennessee State University, and Volunteer State Community College. Diploma programs are located at Tennessee Technology Center–Dickson, Tennessee Technology Center–Knoxville, Tennessee Technology Center–Memphis, and Tennessee Technology Center–Murfreesboro. Concorde Career Center offers both a certificate and A.A.S. degree. All programs last between 9 and 12 months.

Tennessee has five programs in dental hygiene. Chattanooga State Technical Community College, East Tennessee State University, and Roane State Community College offer A.A.S. programs that last 19 to 21 months. The University of Tennessee Health Science Center offers a B.S. program that lasts 21 months. Tennessee State University offers a certificate program that lasts 17 months and an A.A.S. program lasting 24 months.

There is one dental laboratory technician program in Tennessee. East Tennessee State University awards an A.A.S. degree and the program lasts 18 months.

Statewide demand figures show that the greatest unmet need in dental services is in dental assisting. Given the potential for on-the-job training and the ability of AVT schools to respond to dental assistant programming needs, AVT schools should be a potential source for new programming.

The Tennessee Department of Labor Assessment rated the demand for dental hygienists and dental assistants as “D” or Favorable Adjusted, which means not all information is favorable but trainees have excellent job placement rates from a technology center, community college, or technical institute. Dental laboratory technician was rated “U” since supply could not be determined for this occupation. (The Source, 2002)

HEALTH INFORMATION SERVICES (MEDICAL RECORDS)



HEALTH INFORMATION SERVICES

Health Information Administrator, Health Information Manager, Medical Transcription

Status

The number of applicants and graduates from Health Information Management (HIM) programs in Tennessee is declining.

Health Information Technician is projected to be one of the 20 fastest growing occupations in the country through 2010.

Currently in Tennessee, the supply of Health Information Technicians (HIT) is not meeting annual demand.

National Supply and Demand

While hospitals are still one of the primary employers of health information professionals, HMOs, ambulatory care facilities, nursing homes, group practices, insurance agencies, accounting companies, and law firms also employ these personnel. Organizations not involved in direct care such as insurance companies and health insurance agencies employ medical records specialists to help set policy, analyze data, and evaluate provider performance. Other employers, such as contract agencies and consulting firms, supply medical records personnel to these institutions and organizations, usually on a temporary and intermittent basis.

Medical records and health information technicians held about 136,000 jobs in 2000. About four out of ten jobs were in hospitals. The rest were mostly in nursing homes, medical group practices, clinics, and home health agencies. Medical and health services managers (administrators) held about 250,000 jobs in 2000. Almost two out of five jobs were in hospitals. About one in five were in nursing and personal care facilities or physician offices and clinics. Medical transcriptionists held about 102,000 jobs in 2000. About two out of five worked in hospitals and another two out of five in physician offices and clinics.

The BLS projects a 49% growth for new medical record and health information technicians through 2010. This translates to a need for 97,000 technicians to fill new jobs and replace workers who leave the field, making this one of the fastest growing health occupations. The BLS also projects the need for 123,000 new medical and health services managers, the category that includes health information administrator with bachelor's or higher degrees between 2000 and 2010. This data represents an estimate of 6,000 graduates per year. According to the American Health Information Management Association (AHIMA), currently the HIA and HIT programs are graduating about 2,000 HIM professionals per year, only a third of the number needed.

Complicating this is the looming retention of the workforce. The median years of age of the U.S. labor force in 1998 is 38.7. AHIMA member data show that the median age of its member is around 50.

The BLS reports that the demand for medical transcriptionists is expected to grow as well. Individuals who earn an associate degree or an American Association for Medical Transcriptionist certification should have favorable job prospects.

*The BLS
projects a
49% growth
for new
medical record
and health
information
technicians
through 2010.*



In 2003, there were 47 CAAHEP-accredited health information administrator programs and 186 health information technician programs. In 2002, there were 49 accredited health information administrator programs and 175 accredited health information technician programs in the United States. In 1995 and 1990, there were 53 and 55 health information administrator programs, respectively, and 142 and 108 health information technician programs, respectively.

TABLE 4.1

U.S. Accredited Health Information Administrator (HIA) and Health Information Technician (HIT) Programs

	1985	1990	1995	2002	2003
HIA	54	55	53	49	47
HIT	85	108	142	175	186

Source: Health Professions Education Data Book, 2003-2004, www.caahep.org.

The number of CAAHEP-accredited programs in health information administration has declined from a high of 57 programs in 1982 to 55 programs in 1992, 50 in 1998, and 47 programs in 2003. During 1982-1992, the number of CAAHEP-accredited HIT programs increased from 85 to 115 programs. By 1998, there were 168 programs. The number of graduates in HIT programs grew from 808 in 1982 to 1,351 in 1992, a 67% increase; by 1998 the number of graduates had increased another 56% to 2,110 and there are now 186 HIT programs in 2003. This indicates an increasing reliance on health information technicians to perform the health data management duties.

Technicians may also gain training through an independent study program in health information technology offered by the AHIMA. Hospitals sometimes advance promising health information clerks to jobs as health information technicians, although this practice may be less common in the future (BLS, 1998).

Regional Supply and Demand

According to the Health Profession Education Directory, there were 20 HIA programs in the SREB region in 2003, representing 42% of the total programs nationwide. There were 84 HIT programs representing 45% of the programs in the U.S.

State Supply and Demand

The Tennessee Department of Employment Security reported that the employment base for health information technologists in 1996 was 2,310. That number is expected to increase to 3,575 in 2006, representing an annual growth rate of 5.5%. In 1996, the supply or number of graduates for the health information technology area was 44 and the average annual openings were 171 for an unmet demand of 127. The Tennessee Department of Employment Security does not collect data on HIAs. However, employment projections for data base administrators, a related field, indicate that there are 45 annual openings. Tennessee graduated 29 in 1998 and 21 in 2002 from its two HIA programs.

In Tennessee, there are two baccalaureate programs in HIA and four programs in health information technology. The administration programs are located at Tennessee State University and the University of Tennessee Health Science Center at Memphis. The health information technician programs that award both a certificate and an A.A.S. degree are located at Chattanooga State Technical Community College, Dyersburg State Community College, and Roane State Community College. These programs last between 21 and 24 months. Volunteer State Community College awards an A.A.S. degree in an 11-month program. The THEC reports 55 graduates in HIT programs in 2002.

In 2000, the estimated employment of medical transcriptionists in Tennessee was 2,740. The projected employment for 2010 is 3,400; representing a 2.2% growth rate and 70 average annual openings. The average 10-year openings for medical transcriptionists in Tennessee are 660. Because this field does not require certification

or licensure, the vacancies are not easily identified. The THEC reports 37 certificates from higher education programs in Tennessee for 2002.

TABLE 4.2
Tennessee Graduates in Health Information Management

	1988	1989	1990	1991	1992	1998	2002	2003
HIS	23	26	24	20	28	29	11	21
HIT	25	26	20	33	18	44	63	55
Medical Transcriptionist	11	8	4	12	14		37	

Source: THEC, SIS, 1992, 2003.

Health Professions Education Directory, 1999.

Health Professions Education Data Book, 2003-2004.

Summary

In general, the reports discussed in this section indicate an increased need for medical record technicians in the future, more so than medical record administrators. Both fields are experiencing growth; however, the administration occupation has fewer annual openings.

The national demand is projected to increase rapidly and regional reports appear to follow national trends. There should be an increased need for coders and/or medical record technicians and medical transcriptionists. Consideration should be given to statewide distribution of health information technician programs.

2002 HOSPITAL AND MEDICAL PERSONNEL DATA



TENNESSEE, YEARS 2000 TO 2010, EMPLOYMENT OF 30 OR MORE

Shaded areas = professions included in this handbook

	2000 Estimate	2010 Projections	Annual Growth Rate	Annual Opening
Registered Nurses	52,557	67,116	2.5%	1,456
Nursing Aides, Orderlies, and Attendants	33,194	46,698	3.5%	1,350
Licensed Practical and Licensed Vocational Nurses	22,475	29,004	2.6%	653
Home Health Aides	6,612	9,068	3.2%	246
Medical Assistants	5,471	8,065	4.0%	259
Medical and Clinical Laboratory Technicians	5,438	6,145	1.2%	71
Pharmacists	4,748	5,969	2.3%	122
Pharmacy Technicians	4,240	5,836	3.2%	160
Dental Assistants	4,152	5,123	2.1%	97
Medical and Clinical Laboratory Technologists	4,132	4,614	1.1%	48
Radiologic Technologists and Technicians	3,902	4,706	1.9%	80
Medical Records and Health Information Technicians	3,137	4,747	4.2%	161
Miscellaneous Health Diagnosing and Treating Practitioners	2,983	3,568	1.8%	59
Family and General Practitioners	2,865	3,069	0.7%	20
Medical Transcriptionists	2,738	3,398	2.2%	66
Emergency Medical Technicians and Paramedics	2,712	3,764	3.3%	105
Physical Therapists	2,323	2,880	2.2%	56
Pharmacy Aides	2,313	2,846	2.1%	53
Respiratory Therapists	2,207	3,036	3.2%	83
Surgical Technologists	1,980	2,756	3.4%	78
Internists, General	1,713	1,973	1.4%	26
Surgeons	1,594	1,840	1.4%	25
Physical Therapist Assistants	1,396	1,833	2.8%	44
Occupational Therapists	1,382	1,734	2.3%	35
Anesthesiologists	1,380	1,596	1.5%	22
Dental Hygienists	1,322	1,629	2.1%	31
Speech-Language Pathologists	1,178	1,504	2.5%	33
Veterinary Assistants and Laboratory Animal Caretakers	1,131	1,346	1.8%	22
Dentists	1,119	1,074	-0.4%	0
Veterinarians	1,071	1,206	1.2%	14
Opticians, Dispensing	1,066	1,155	0.8%	9
Veterinary Technologists and Technicians	1,033	1,200	1.5%	17
Dieticians and Nutritionists	862	970	1.2%	11
Respiratory Therapy Technicians	812	1,109	3.2%	30
Psychiatric Aides	760	831	0.9%	7
Occupational Health and Safety Specialists and Technicians	750	863	1.4%	11
Medical Equipment Preparers	715	819	1.4%	10
Nuclear Medicine Technologists	711	824	1.5%	11
Psychiatric Technicians	686	709	0.3%	2
Physician Assistants	665	995	4.1%	33

TENNESSEE, YEARS 2000 TO 2010, EMPLOYMENT OF 30 OR MORE CONTINUED

	2000 Estimate	2010 Projections	Annual Growth Rate	Annual Opening
Diagnostic Medical Sonographers	643	789	2.1%	15
Cardio Technologists and Technicians	636	867	3.1%	23
Dietetic Technicians	634	846	2.9%	21
Recreational Therapists	553	637	1.5%	8
Physical Therapists Aides	512	688	3.0%	18
Optometrists	502	550	0.9%	5
Obstetricians and Gynecologists	494	610	2.1%	12
Pediatricians, General	447	544	2.0%	10
Occupational Therapist Aides	309	396	2.5%	9
Occupational Therapist Assistants	289	394	3.2%	11
Psychiatrists	288	323	1.1%	4
Radiation Therapists	261	294	1.2%	3
Athletic Trainers	255	271	0.7%	2
Audiologists	235	298	2.4%	6
Massage Therapists	195	239	2.0%	4
Chiropractors	79	73	-0.6%	0
Podiatrists	69	71	0.3%	0
Orthotists and Prosthetists	66	77	1.4%	1

Source: Dept of Labor and Workforce Development, February 10, 2003.

THA HOSPITAL VACANCIES 2002 PROVISIONAL JAR DATA

Position	Vacancies	Rate
RN	2,348	9.03%
LN	381.5	7.05%
Pharmacist	82.3	8.8%
Radiologic Technologist	141	6.04%
Medical Lab Technologist	187.8	9.53%
Surgical Tech	60	3.88%
Respiratory Therapist	92.4	6.11%
Physical Therapist	52.5	5.96%

Source: Vacancy data taken from 2002 Joint Annual Report (JAR) for Hospitals.

2002 PROVISIONAL JAR

Position	Total FTEs	Vacancies	Total Positions	Rate
RN	23,199.50	2,348	25,990.90	9.03%
County				
Davidson	4,591.6	222.7	4,932.1	4.52%
Hamilton	1,985.4	252	2,238.4	11.28%
Knox	2,663.8	86.4	2,774.0	3.11%
Madison	790.2	85.6	875.8	9.77%
Rutherford	518	29.7	547.9	5.42%
Shelby	5,010.5	1,382.4	6,491	21.30%

Position	Total FTEs	Vacancies	Total Positions	Rate
RN	5,032.70	381.50	5,414.20	7.05%
County				
Davidson	713.0	56	769.7	7.37%
Hamilton	226.4	34.5	260.9	13.22%
Knox	339.6	12.4	352	3.52%
Madison	225.4	14.0	239.4	5.85%
Shelby	707.5	151.7	859.2	17.66%

Source: Vacancy data taken from 2002 Joint Annual Report (JAR) for Hospitals.

2002 HOSPITAL VACANCY DATA

REGISTERED NURSES

County	Registered FTE Employees	Registered nurses budgeted vacancies	Psych RNs FTE employees	Psych budgeted vacancies	Chem RNs FTE employees	Chem budgeted vacancies	Total RN positions	Percent of total positions that are vacant
Davidson	4,591.6	222.7	102.1	0.5	15.2		4,932.10	4.52%
Dickson	84.0	0.0	7.0	0.0			91.00	0.00%
Robertson	171.0	0.0	0.0	0.0			14.00	0.00%
Rutherford	518.2	29.7	0.0	0.0			547.90	5.42%
Sumner	214.0	19.8	0.0	0.0			233.80	
Trousdale	7.0	.01	0.0	0.0			7.10	1.41%
Williamson	188.0	5.5	0.0	0.0			193.50	2.84%
Wilson	170.0	18.0	18.0	0.0			206.00	8.74%
State	5,948.0	295.80	127.10	0.50	15.2		6,382.40	4.63%

LPNs

County	LPNs FTE Employees	LPN budgeted vacancies	Total LPN positions	Percent of total positions that are vacant
Davidson	713.0	56.7	769.70	7.37%
Dickson	44.0	0.0	44.00	0.00%
Robertson	50.0	0.0	50.00	0.00%
Rutherford	126.5	3.8	130.30	2.92%
Sumner	77.0	3.6	80.60	
Trousdale	10.0	0.1	10.10	0.99%
Williamson	24.4	0.4	24.80	1.61%
Wilson	60.0	1.0	61.00	1.64%
State	1,104.90	65.60	1,170.50	5.60%

ANCILLARY NURSING

County	Ancillary Nursing Personnel FTE Employees	Ancillary Nursing Personnel budgeted vacancies	Total Ancillary Nursing Personnel positions	Percent of total positions that are vacant
Davidson	1,693.0	43.0	1,736.00	2.48%
Dickson	40.0	0.0	40.00	0.00%
Robertson	23.0	0.0	23.00	0.00%
Rutherford	211.8	17.9	229.70	7.79%
Sumner	39.0	5.2	44.20	
Trousdale	6.0	1.5	7.50	20.00%
Williamson	6.2	0.6	63.80	0.94%
Wilson	68.0	0.0	68.00	0.00%
State	2,144.00	68.20	2,212.20	1.03%

MEDICAL TECHNOLOGIST

County	Medical Technologist Personnel FTE Employees	Medical Technologist Personnel budgeted vacancies	Total Medical Technologist positions	Percent of total positions that are vacant
Davidson	400.7	3.0	403.70	0.74%
Dickson	10.0	0.0	10.00	0.00%
Robertson	18.0	0.0	18.00	0.00%
Rutherford	28.5	0.2	28.70	0.70%
Sumner	17.0	0.0	17.00	
Trousdale	0.0	0.0		
Williamson	17.0	0.0	17.00	0.00%
Wilson	10.0	2.0	12.00	16.67%
State	501.20	5.20	506.40	1.03%

RADIOLOGIC TECHNOLOGIST

County	Radiologic Technologist Personnel FTE Employees	Radiologic Technologist Personnel budgeted vacancies	Total Radiologic Technologist positions	Percent of total positions that are vacant
Davidson	316.2	11.2	327.40	3.42%
Dickson	13.0	0.0	13.00	0.00%
Robertson	17.0	0.0	17.00	0.00%
Rutherford	54.0	1.0	55.00	1.82%
Sumner	12.0	0.0	12.00	
Trousdale	0.0	0.0		
Williamson	28.6	2.0	30.60	6.54%
Wilson	26.0	1.0	27.00	3.70%
State	466.80	15.20	482.00	3.15%

SURGICAL TECHNOLOGIST

County	Surgical Technologist FTE Employees	Surgical Technologist budgeted vacancies	Total Surgical Technologist positions	Percent of total positions that are vacant
Davidson	335.0	13.5	348.50	
Dickson	9.0	0.0	9.00	0.00%
Robertson	8.0	0.0	8.00	0.00%
Rutherford	19.8	0.0	19.80	0.00%
Sumner	9.5	0.0	9.50	
Trousdale	0.0	0.0		
Williamson	20.8	0.0	20.80	0.00%
Wilson	9.0	1.0	10.00	10.00%
State	411.10	14.50	425.60	3.41%

PHARMACIST

County	Pharmacist FTE Employees	Pharmacist budgeted vacancies	Total Pharmacist positions	Percent of total positions that are vacant
Davidson	192.0	6.5	198.50	3.27%
Dickson	6.0	0.0	6.00	0.00%
Robertson	2.0	0.0	2.00	0.00%
Rutherford	23.5	0.0	23.50	0.00%
Sumner	7.0	0.0	7.00	
Trousdale	1.0	0.0	1.00	0.00%
Williamson	6.0	0.0	6.00	0.00%
Wilson	5.0	0.0	5.00	0.00%
State	242.50	6.50	249.00	2.61%

OCCUPATIONAL THERAPIST

County	Occupational Therapist FTE Employees	Occupational Therapist budgeted vacancies	Total Occupational Therapist positions	Percent of total positions that are vacant
Davidson	58.1	0.0	58.10	
Dickson	3.0	0.0	3.00	
Robertson	0.5	0.0	0.50	
Rutherford	3.5	0.0	3.50	
Sumner	5.0	0.0	5.00	
Trousdale	0.0	0.0		
Williamson	0.0	0.0		
Wilson	5.0	0.0	5.00	0.00%
State	75.10		75.10	0.00%

PHYSICAL THERAPIST

County	Physical Therapist FTE Employees	Physical Therapist budgeted vacancies	Total Physical Therapist positions	Percent of total positions that are vacant
Davidson	115.8	0.0	115.80	0.00%
Dickson	7.0	0.0	7.00	0.00%
Robertson	0.0	0.0		
Rutherford	12.4	0.0	12.40	
Sumner	11.0	0.0	11.00	
Trousdale	1.0	0.2	1.20	16.67%
Williamson	0.0	0.0		
Wilson	15.0	0.0	15.00	0.00%
State	162.20	0.20	162.40	0.12%

RESPIRATORY THERAPIST

County	Respiratory Therapist FTE Employees	Respiratory Therapist budgeted vacancies	Total Respiratory Therapist positions	Percent of total positions that are vacant
Davidson	289	11.5	300.50	3.83%
Dickson	13	0	13.00	0.00%
Robertson	6	0	6.00	0.00%
Rutherford	11	1	12.00	
Sumner	22	1.6	23.60	
Trousdale	3	0	3.00	0.00%
Williamson	10	1	11.00	9.09%
Wilson	8	0	8.00	0.00%
State	362.00	15.10	377.10	4.00%

TENNESSEE NURSING PROFILES

REGISTERED NURSES IN ACTIVE PRACTICE

(Defined as active license in Tennessee, working full- or part-time in nursing and residing in Tennessee or contiguous states)

Total Active Practice RNs	58,947
A. Tennessee Residents	50,588
Practice in Tennessee	41,885
Practice in another state	8,703
B. Resident of another state	8,360
Practice in Tennessee	2,987
C. Average age of nurse: 43	
D. Gender composition	
91% Female	
9% Male	
E. Racial/ethnic background	
8% African American	
2% Other	
90% Caucasian	
F. Education preparation (described as highest degree earned)	
15.8% Diploma	
46.3% Associate	
29.4% B.S.N.	
7.7% Master's	
.7% Doctorate	

NON-PRACTICING REGISTERED NURSES

(Defined as actively licensed nurses not currently working in nursing who reside in Tennessee or contiguous state)

Total	4,941
Non-practicing nurses under age 60	3,465
Average age: 52	

Source: Tennessee Nurse Licensure Files for 2002.



E M P L O Y E E S





EMPLOYERS

The following organizations employ a variety of allied health and nursing professions. Please also note the schools and training programs listed in other sections of this handbook for other potential employment opportunities. Additional employers may also be identified by contacting professional organizations cited in this handbook. There are many other careers that do not involve direct patient care but provide opportunities to work within health care such as accounting, consulting, advertising, and many more. This list, while extensive, represents a small portion of the opportunities available for those interested in a health care or health care-related occupation.

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ACUTE CARE, AMBULATORY/ OUTPATIENT AND MEDICAL CLINICS

ACUTE CARE (HOSPITALS):

Baptist Hospital **www.baptisthospital.com**

Bernie Sherry
President and CEO
p: (615) 284-5555
f: (615) 284-1592
2000 Church Street
Nashville, TN 37236

Metropolitan Nashville General Hospital **www.nashville.org/hosp**

Roxane B. Spitzer
CEO
p: (615) 341-4000
f: (615) 341-4493
1818 Albion Street
Nashville, TN 37208

Middle Tennessee Medical Center **www.mtmc.net**

Donald Gintzig
President
p: (615) 396-4100
400 North Highland Avenue
Murfreesboro, TN 37130

Middle Tennessee Mental Health Institute **www.state.tn.us**

Lynn McDonald
Chief Officer
p: (615) 902-7400
221 Stewarts Ferry Pike
Nashville, TN 37214

Nashville Metropolitan Bordeaux Hospital **www.nashville.gov/bordeaux/**

Roxane B. Spitzer
May Bennett, Administrator
p: (615) 862-7000
1414 County Hospital Road
Nashville, TN 37218

Nashville Rehabilitation Hospital **www.nrhcared.com**

Jane Andrews
CEO and Administrator
p: (615) 226-4330
f: (615) 650-0793
610 Gallatin Avenue
Nashville, TN 37206

Saint Thomas Hospital **www.stthomas.org**

Deborah C. German
President and CEO
p: (615) 222-2111
f: (615) 222-6502
4220 Harding Road
Nashville, TN 37205

Sumner Regional Medical Center **(operating in Gallatin and Hartsville)** **www.sumner.org/**

William T. Sugg
President and CEO
p: (615) 452-4210
555 Hartsville Pike
Gallatin, TN 37066

Tennessee Christian Medical Center **www.tennesseechristian.com**

Jimm Bunch
President and CEO
p: (615) 865-2373
f: (615) 860-6311
500 Hospital Drive
Madison, TN 37075

Tennessee Valley Health Care System **www.va.gov**

David N. Pennington
Director
Alvin C. York Campus
p: (615) 867-6000
f: (615) 867-5768
3400 Lebanon Pike
Murfreesboro, TN 37129
Nashville Campus
p: (615) 327-5332
f: (615) 321-6350
1310 24th Avenue South
Nashville, TN 37212-2637

Tri-Star Hospitals
www.tristarhealth.com

Centennial Medical Center
Human Resources
2300 Patterson Street
Nashville, TN 37203
(615) 342-1826
www.centennialmedicalcenter.com

Centennial Medical Center – Ashland City
313 North Main Street
Ashland City, TN 37015
(615) 792-3030
www.centennialashlandcity.com/

Centennial Medical Center – Parthenon Pavilion
2401 Parman Place
Nashville, TN 37203
(615) 342-1400
www.parthenonpavilion.com/

Hendersonville Medical Center
Human Resources
355 New Shackle Island Road
Hendersonville, TN 37075
(615) 338-1130
www.hendersonvillemedicalcenter.com

Horizon Medical Center
Human Resources
111 Highway 70 East
Dickson, TN 37055
(615) 740-3401
www.horizonmedicalcenter.com

NorthCrest Medical Center
Human Resources
100 NorthCrest Drive
Springfield, TN 37172
(615) 384-1567
www.northcrest.com

Sarah Cannon Cancer Center
250 25th Avenue North
Suite 110
Nashville, TN 37203
(615) 986-4300
www.sarahcannon.com/

Southern Hills Medical Center
Human Resources
391 Wallace Road
Nashville, TN 37211
(615) 781-4130
www.southernhills.com

Skyline Medical Center
Human Resources
3441 Dickerson Pike
Nashville, TN 37207
(615) 769-2210
www.skylinemedicalcenter.com

StoneCrest Medical Center
Human Resources
200 StoneCrest Boulevard
Smyrna, TN 37167
(615) 768-2200
www.Stonecrestmedical.com

Summit Medical Center
Human Resources
5655 Frist Blvd.
Hermitage, TN 37076
(615) 316-3550
www.summittmedicalcenter.com

University Medical Center
Health Management Associates
www.hma-corp.com/tn2.html

Mark Crawford
President/CEO
p: (615) 444-8262
f: (615) 449-1215
1411 Baddour Pkwy.
Lebanon, TN 37087

Vanderbilt Children's Hospital
www.vanderbiltchildrens.com/

Jim Shmerling
Chief Executive Officer
p: (615) 936-1000
Vanderbilt Children's Hospital
2200 Children's Way
Nashville, TN 37232

Vanderbilt Stallworth Rehabilitation Hospital
www.mc.vanderbilt.edu/ortho/stallworth.html

Dan M. Spengler
Professor and Chairman of Orthopaedics
and Rehabilitation Director
p: (615) 320-7600
2201 Capers Avenue
Nashville, TN 37212

Vanderbilt University Hospital
staging.mc.vanderbilt.edu/root/university_hospital.html

p: (615) 322-5000
1210 22nd Avenue South
Nashville, TN 37232

Vanderbilt University Medical Center
www.mc.vanderbilt.edu

Harry R. Jacobson
Vice Chancellor for Health Affairs

p: (615) 322-2151
f: (615) 343-7286
Room D-3300 Medical Center North
Nashville, TN 37232

Williamson Medical Center
www.williamsonmedicalcenter.org

Dennis Miller
CEO

p: (615) 791-0500
f: (615) 595-4422
2021 Carothers Road
Franklin, TN 37067

AMBULATORY/OUTPATIENT:

AmSurg Corp.
www.amsurg.com

Kenneth P. McDonald
President and CEO
p: (615) 665-1283
f: (615) 665-0755
20 Burton Hills Boulevard
Suite 500
Nashville, TN 37215

Community Care, Inc.
www.communitycareinc.com

E. Tony Reed
President and CEO
p: (615) 377-5353
f: (615) 377-2351
5217 Maryland Way
Suite 200
Brentwood, TN 37027

Dialysis Clinic, Inc.
www.dciinc.org

Keith Johnson
CEO
p: (615) 327-3061
f: (615) 329-2513
1633 Church Street
Suite 500
Nashville, TN 37203

Dolphin Medical, Inc.
www.dolphinmedical.net

Mark G. Cherney
CEO
p: (615) 778-0488
f: (615) 778-9337
300 Seaboard Lane
Suite 5
Franklin, TN 37067

Gambro Healthcare, Inc.
www.gambrohealthcare.com

Mike Klein
President, North Central Division
p: (615) 320-4200
f: (615) 320-4205
5200 Virginia Way
Brentwood, TN 37027

Healthcare Corporation

Robert I. Falk
President and CEO
p: (615) 665-9900
f: (615) 665-9903
30 Burton Hills Boulevard
Suite 575
Nashville, TN 37215

HealthMark Partners, Inc.
www.healthmarkpartners.com

Joseph T. Clark
President and CEO
p: (615) 329-9000
f: (615) 329-9299
1900 Church Street
Suite 300
Nashville, TN 37203

MediSphere Health Partners, Inc.
www.medisphere.net

William J. Hamburg
Chairman, President and CEO
p: (615) 292-2646
f: (615) 292-8628
3102 West End Avenue
Suite 600
Nashville, TN 37203

National Nephrology Associates, Inc.

www.nnacorp.com

Michael N. Cannizzaro
Chairman and CEO

p: (615) 777-8070
f: (615) 777-6484
230 Great Circle Road
Suite 218
Nashville, TN 37228

NeoSpine

www.neospine.com

Rock A. Morphis
CEO

p: (615) 665-1847
f: (615) 665-8228
40 Burton Hills Blvd.
Suite 320
Nashville, TN 37215

Renal Care Group, Inc.

www.renalcaregroup.com

Gary Brukardt
President and CEO

p: (615) 345-5500
f: (615) 345-5505
2525 West End Avenue
Suite 600
Nashville, TN 37203

Specialty Surgery Centers of America

www.specialtysurgerycenter.com

Keith Bolton
President and Owner

p: (615) 371-6778
9206 Concord Road
Brentwood, TN 37027

Surgical Development Partners, LLP

www.surgicaldevelopmentpartners.com

G. Edward Alexander
CEO

693 Jones Hill Drive
Brentwood, TN 37027

Surgical Health Group

www.surgicalhealthgroup.com

Rodney Lunn
Founder

p: (615) 425-0818
f: (615) 425-0807
215 Jamestown Park Road
Suite 205
Brentwood, TN 37027

Surgis, Inc.

www.surgisinc.com

Joseph C. Hutts
President and CEO

p: (615) 665-3012
f: (615) 665-3028
30 Burton Hills Boulevard
Suite 450
Nashville, TN 37215

Symbion, Inc.

www.symbion.com

Richard E. Francis, Jr.
CEO

p: (615) 234-5900
f: (615) 234-5999
40 Burton Hills Boulevard
Suite 500
Nashville, TN 37215

TodayCare Centers, LLC

www.todaycare.com

Bob Brady
CEO

p: (615) 250-2600
f: (615) 250-7601
810 Broadway
Suite 105
Nashville, TN 37203

MEDICAL CLINICS:

Baptist-Centracare

(615) 399-7081
2547 Murfreesboro Pike
Nashville, TN 37217

Barnett, Beth S.

(615) 383-0244
2303 Crestmoor Rd.
Nashville, TN 37215

Benedict, Lance

(615) 352-3000
28 White Bridge Pike, Suite 208
Nashville, TN 37205

Bichon and Cole Medical Clinic PC

(615) 452-6899
728 Nashville Pike
Gallatin, TN 37066

Brennion, William S.

(615) 356-0876
5407-B Highway 100
Nashville, TN 37205

Brentwood Family Care Center, Inc.

(615) 370-8080
5046 Thoroughbred Ln.
Brentwood, TN 37027

Brentwood Rehabilitation and Sports Injury

(615) 771-6339
5111 Peter Taylor Park, Suite 300
Brentwood, TN 37027

Bryant's Clinic, PC

(615) 444-7211
200 E. Spring St.
Lebanon, TN 37087

Cason Lane Family Clinic PC

(615) 278-4501
2656 Rideout Ln.
Murfreesboro, TN 37128

Cayce Medical Center

(615) 258-2200
617 S. 8th St.
Nashville, TN 37206

Center for Reproductive Health

(615) 321-8899
2011 Murphy Ave.
Nashville, TN 37203

Center for Urinary Continence

(615) 284-3198
2011 Church St.
Nashville, TN 37203

Christian Family Medical Clinic

(615) 884-0215
406 Royal Pkwy.
Nashville, TN 37214

Chunduru, N. Rao

(615) 867-3780
528 N. University St.
Murfreesboro, TN 37130

Comprehensive Care Center

(615) 321-9556
345 24TH AV N
Nashville, TN 37203

Comprehensive Surgical Care, Inc.

(615) 867-2700
1130 Dow St.
Murfreesboro, TN 37130

Compton, Jerry D.

(615) 893-4288
903 Memorial Blvd.
Murfreesboro, TN 37129

Concentra Medical Centers

(615) 297-1678
2410 Franklin Pike
Nashville, TN 37204

Cool Springs Surgery Center

(615) 468-2772
2009 Mallory Ln.
Franklin, TN 37067

Corley, Cris G.

(615) 444-8558
411 E. Spring St.
Lebanon, TN 37087

Corporate Services, Inc.

(615) 327-2520
1916 Patterson St.
Nashville, TN 37203

Covenant Family Practice

(615) 777-3223
3443 Dickerson Pike
Nashville, TN 37207

Dash, Lamarr A.

(615) 329-9474
121 21St. AV N
Nashville, TN 37203

Diagnostic Outpatient Center, Inc.

(615) 895-9995
428 Bell St.
Murfreesboro, TN 37130

Dialysis Associates of East Nashville

(615) 258-3288
604 Gallatin Ave.
Nashville, TN 37206

Dialysis Associates of Murfreesboro–Home Training

(615) 849-2531
1020 N. Highland
Murfreesboro, TN 37130

Dialysis Associates of Portland

(615) 323-7065
923 S. Broadway
Portland, TN 37148

Dialysis Associates of Smyrna

(615) 625-0000
1100 Rock Springs Rd.
Smyrna, TN 37167

Dialysis Associates of Springfield

(615) 384-8939
106 Mooreland Dr.
Springfield, TN 37172

Dialysis Associates of West Nashville

(615) 791-4348
1120 Lakeview Dr.
Franklin, TN 37064

Dialysis Associates of West Nashville

(615) 354-0053
242 Orlando Ave.
Nashville, TN 37209

Dialysis Clinic, Inc.

(615) 446-0111
100 Academy St.
Dickson, TN 37055

Dialysis Clinic, Inc.

(615) 832-0959
417 Harding Industrial Dr.
Nashville, TN 37211

The Dialysis Clinic, Inc.

(615) 327-3061
1633 Church St.
Nashville, TN 37203

The Dialysis Clinic, Inc.

(615) 832-0761
417 Harding Industrial Dr.
Nashville, TN 37211

The Dialysis Clinic, Inc.

(615) 327-3984
935 21st Ave. N.
Nashville, TN 37208

The Dialysis Clinic, Inc.

(615) 865-7310
605 W. Due West Ave.
Madison, TN 37115

The Dialysis Clinic, Inc.

(615) 444-7955
212 Babb Dr.
Lebanon, TN 37087

The Dialysis Clinic, Inc.

(615) 890-7741
1024 N. Highland Ave.
Murfreesboro, TN 37130

Dickson Family Medical Group

(931) 670-0011
7723 Clearview Church Lane
Lyles, TN 37098

Dickson Family Medical Group PC

(615) 446-8527
118 Highway 70 E.
Dickson, TN 37055

The Doctor's Office

(615) 453-3645
1420 W. Baddour Pkwy.
Lebanon, TN 37087

Dr. Charles Sidberry Myet Medical Center

(615) 662-4499
7640 Highway 70 S.
Nashville, TN 37221

Due West Family Health Care

(615) 868-2229
607 Due West Ave. W.
Madison, TN 37115

Eagleville Medical Clinic

(615) 274-6207
341 S. Main St.
Eagleville, TN 37060

East Middle-Magnet School Clinic

(615) 228-2007
110 Gallatin Ave.
Nashville, TN 37206

Edwards Eye Clinic Association

(615) 383-2674
4230 Harding Rd.
Nashville, TN 37205

The Employee Health Center

(615) 904-9200
905 S. Church St.
Murfreesboro, TN 37130

F I H

(615) 360-3000
2643 Murfreesboro Pike
Nashville, TN 37217

Faith Family Medical Clinic

(615) 341-0808
326 21st Ave. N.
Nashville, TN 37203

Family Clinic of Lexington

(731) 968-1039
120 Church St.
Nashville, TN 37201

Family Health Center of Ashland City

(615) 792-1199
342 Frey St.
Ashland City, TN 37015

Family Healthcare Group

(615) 227-3000
905 Main St.
Nashville, TN 37206

Franklin Family Care Clinic

(615) 771-6868
2001 Mallory Ln.
Franklin, TN 37067

Franklin Urological Associates

(615) 790-1660
100 Covey Dr.
Franklin, TN 37064

Gambro Healthcare Murfreesboro

(615) 890-7270
1346 Dow St.
Murfreesboro, TN 37130

Gambro Healthcare Regional Office

(615) 794-2225
4211 South Carothers Rd.
Franklin, TN 37067

Gambro Healthcare White Bridge

(615) 352-5535
103 White Bridge Rd.
Nashville, TN 37209

Gambro TCMC

(615) 865-1514
312 Hospital Dr.
Madison, TN 37115

Gambro-Franklin

(615) 794-4423
4211 South Carothers Rd.
Franklin, TN 37067

Grassland Family Care Center

(615) 791-9300
2339 Hillsboro Rd.
Franklin, TN 37064

Green Hills Medical Center

(615) 292-0012
2001 Glen Echo Rd.
Nashville, TN 37215

Groff, Mark

(615) 451-3400
1167 Nashville Pike
Gallatin, TN 37066

Harpeth Pediatrics

(615) 771-2656
4085 Mallory Ln.
Franklin, TN 37067

Hartsville Family Health Center

(615) 374-9015
100 Damascus St.
Hartsville, TN
37074

Hartsville Family Health Center

(615) 374-2317
100 Damascus St.
Hartsville, TN 37031

Hartsville Family Health Center

(615) 374-2107
100 Damascus St.
Hartsville, TN 37074

The Haven Clinic

(615) 822-4096
127 Haven St.
Hendersonville, TN 37075

Hawkins, A. B.

(615) 833-3388
Southern Hills Medical Center
Nashville, TN 37211

Healthsouth Diagnostic Center

(615) 327-1500
337 22nd Ave.
Nashville, TN 37203

Hemophilia Access, Inc.

(615) 776-3230
7651 Nolensville Rd.
Nolensville, TN 37135

Hermitage Psychiatric Group

(615) 889-4447
5653 Frist Blvd.
Hermitage, TN 37076

Hickory Hollow Healthcare

(615) 731-0549
777 Bell Rd.
Antioch, TN 37013

Hilt, Leonard B.

(615) 327-4040
1808 West End Ave.
Nashville, TN 37203

Holston, Robert G.

(615) 654-4111
7804 Highway 25 E.
Cross Plains, TN 37049

Hope Clinic for Women

(615) 321-0005
1810 Hayes St.
Nashville, TN 37203

Hopkins, G. David

(615) 895-6995
234 W. Northfield Blvd.
Murfreesboro, TN 37129

Ikejiani, Olisa

(615) 793-3864
5242 Murfreesboro Rd.
La Vergne, TN 37086

Jaselskis, Thomas P.

(615) 345-3434
5653 Frist Blvd.
Hermitage, TN 37076

Katkuri, Jithander R.

(615) 220-0056
240 Mayfield Dr.
Smyrna, TN 37167

King, Johnny L.

(615) 794-8977
128 Holiday Ct.
Franklin, TN 37067

Koen, Mary Cay

(615) 452-2868
355 Hancock St.
Gallatin, TN 37066

Lebanon Surgery Center, Inc.

(615) 444-8944
1414 W. Baddour Pkwy.
Lebanon, TN 37087

Lebanon Wilson County Children's Clinic

(615) 449-0116
1420 W. Baddour Pkwy.
Lebanon, TN 37087

Lexington Kidney Clinic, Inc.

(731) 967-9194
317 Church St.
Nashville, TN 37201

Lifesigns Physical Examination Center

(615) 371-3000
105 Westwood Pl.
Brentwood, TN 37027

Long Hollow Family Practice PC

(615) 859-1440
740 Conference Dr.
Goodlettsville, TN 37072

MA Primary and Urgent Care Clinic, Inc.

(615) 907-0123
951 New Salem Rd.
Murfreesboro, TN 37129

Madison Minor Medical Center

(615) 868-9959
1114 Gallatin Pike
Nashville, TN 37206

McClure, Lance E.

(615) 740-8778
594 Highway 46 S
Dickson, TN 37055

Medical Diagnostics, Inc.

(615) 206-9334
418 Joann St.
Gallatin, TN 37066

Meharry Medical Group

(615) 340-1342
1919 Charlotte Ave.
Nashville, TN 37203

Meissner, Janina

(615) 449-3101
1420 W. Baddour Pkwy.
Lebanon, TN 37087

Metro Center Health Care Group

(615) 254-9981
131 French Landing Dr.
Nashville, TN 37228

**Mid Tennesse Quick Care
Women's Walk-In Clinic**

(615) 867-0970
826 Memorial Blvd.
Murfreesboro, TN 37129

**Middle Tennessee Clinic
for International Travel**

(615) 837-8859
510 Recovery Rd.

**Middle Tennessee Orthopedics and
Sports Medicine PC**

(615) 890-4433
525 N. University St.
Murfreesboro, TN 37130
Nashville, Tn 37211

Mitchell, Kenneth W.

(615) 361-6502
2825 Columbine Pl.
Nashville, TN 37204

Mitchell, Kenneth W.

(615) 385-4600
2825 Columbine Pl.
Nashville, TN 37204

Moessner, Harold

(615) 771-8800
1909 Mallory Ln.
Franklin, TN 37067

Moore Family Medical PLC

(615) 896-4482
504 N. Maney Ave.
Murfreesboro, TN 37130

Moore, Jeffrey K.

(615) 321-0776
1815 Jefferson St.
Nashville, TN 37208

Murfreesboro Medical Clinic

(615) 893-4480
1004 N. Highland Ave.
Murfreesboro, TN 37130

Nashville Family Healthcare

(615) 799-7947
1696 Fairview Blvd.
Fairview, TN 37062

Nashville Family Medical Clinic

(615) 315-8717
476 Harding Pl.
Nashville, TN 37211

Nashville Pain and Stress Center

(615) 385-9729
1800 Church St.
Nashville, TN 37203

Northfield Outpatient Clinic

(615) 895-6995
234 W. Northfield Blvd.
Murfreesboro, TN 37129

Occupational Health and Rehabilitation

(615) 837-4360
4300 Sidco Dr.
Nashville, TN 37204

Occupational Health and Rehabilitation, Inc.

(615) 321-5698
342 21st Ave. N.
Nashville, TN 37203

Occupational Health and Rehabilitation, Inc.

(615) 870-0143
1719 Gallatin Pike N
Madison, TN 37115

Paragon Medical Group

(615) 278-4500
2656 Rideout Ln.
Murfreesboro, TN 37128

Paragon Physicians Group

(615) 278-4503
2656 Rideout Ln.
Murfreesboro, TN 37128

Payne, Aaron

(615) 895-8577
745 S. Church St.
Murfreesboro, TN 37130

Physician Skincare Laser Center

(615) 846-0301
1900 Patterson St.
Nashville, TN 37203

Physicians Medical Care

(615) 217-7236
1525 S. Church St.
Murfreesboro, TN 37130

**Planned Parenthood of
Middle and East Tennessee Nashville**
(615) 321-7216
412 Dr. D. B. Todd, Jr., Blvd.
Nashville, TN 37203

Potter, Wayne A.
(615) 895-1233
1132 W. Clark Blvd.
Murfreesboro, TN 37129

Priest Lake Medical Clinic
(615) 361-5672
2717 Murfreesboro Pk.
Nashville, TN 37013

Primary Care and Hope Clinic
(615) 893-9390
745 S. Church St.
Murfreesboro, TN 37130

Primary Care and Pain Relief Center
(615) 329-4357
1811 State St.
Nashville, TN 37203

Professional Medical Group
(615) 717-4400
5425 Mt. View Pkwy.
Nashville, TN 37019

ProHealth Rural Services
(615) 591-4750
1325 West Main St.
Franklin, TN 37064

The Psychiatric Clinic of Green Hills
(615) 269-0525
2002 Richard Jones Rd.
Nashville, TN 37215

Renal Care Group
(615) 345-5500
2100 West End Ave.
Nashville, TN 37203

Riddle, Kathryn
(615) 896-3643
1535 W. Northfield Blvd.
Murfreesboro, TN 37129

Sam Levy-McFerrin Park Clinic
(615) 255-8226
222 Grace St.
Nashville, TN 37207

Sanders Medical Group PLLC
(615) 452-7171
575 E. Bledsoe St.
Gallatin, TN 37066

Siloam Family Health Center
(615) 298-5406
1423 12th Ave.
Nashville, TN 37203

Southcrest Pain Clinic PC
(615) 377-2995
5111 Maryland Way
Brentwood, TN 37027

Southern Hills Pediatrics
(615) 833-3388
395 Wallace Rd.
Nashville, TN 37211

Southside Family Health Center
(615) 726-1807
107 University Ct.
Nashville, TN 37210

Spectrum Pain Clinic
(615) 867-8887
1803 Ward Dr.
Murfreesboro, TN 37129

**Stone Urgent Care and
Occupational Medicine PC**
(615) 315-0037
3716-B Nolensville Pike
Nashville, TN 37211

Stones River Psychiatric Group
(615) 893-8755
1024-B N. Highland Ave.
Murfreesboro, TN 37130

Stucki, James D.
(615) 833-2000
4651 Nolensville Pike
Nashville, TN 37211

Summerhill, Paul E.
(615) 893-0500
1820 Memorial Blvd.
Murfreesboro, TN 37129

Sumner Dialysis Center
(615) 452-5131
300 Steam Plant Rd.
Gallatin, TN 37066

Tennessee Family Doctors PLLC

(615) 373-2000
1195 Old Hickory Blvd.
Brentwood, TN 37027

Tennessee Urgent Care Associates

(615) 355-1338
1332 Hazelwood Dr.
Smyrna, TN 37167

**Tennessee Urgent Care
Associates/Occupational Medicine**

(615) 865-8500
1616 N Gallatin ROAD
Madison, TN 37115

Tracy Caulkins Physiotherapy

(615) 443-9036
1420 W. Baddour Pkwy.
Lebanon, TN 37087

Treadway Clinic

(615) 261-4040
113-C Seaboard Ln.
Franklin, TN 37067

United Neighborhood Health

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401 Maplewood Ln.
Nashville, TN 37216

United Neighborhood Health

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222 Grace St.
Nashville, TN 37207

**Urgent Care Medical and
Diagnostic PLC**

(615) 851-1230
500 Long Hollow Pike
Goodlettsville, TN 37072

Urology Associates

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Summit Medical Center
5651 Frist Blvd., Suite 616
Hermitage, TN 37076

Vine Hill Community Clinic

(615) 292-9770
601 Benton Ave.
Nashville, TN 37204

Wakefield, Preston

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3820 Cleghorn Ave.
Nashville, TN 37215

Walker, Steven L.

(615) 646-4130
7648 Highway 70
Nashville, TN 37221

Walkerwicz, Kristen L.

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2303 Crestmoor Rd.
Nashville, TN 37215

Waverly-Belmont Family Health Center

(615) 269-3461
1501 12th Ave. N.
Nashville, TN 37208

West, Willard Mahlon

(615) 444-1118
1425 Baddour Pkwy. W.
Lebanon, TN 37087

The Women's Center

(615) 331-1200
419 Welshwood Dr.
Nashville, TN 37211

Women's Pain Center

(615) 650-2600
610 Gallatin Ave.
Nashville, TN 37206

Wood, Daniel Louis

(615) 353-7999
95 White Bridge Pike
Nashville, TN 37205

Woolridge, Thomas J.

(615) 332-9541
388 Harding Pl.
Nashville, TN 37211

Wound Rehabilitation Center of Nashville

(615) 833-0110
3945 Nolensville Pike
Nashville, TN 37211

Yim, Paul

(615) 672-3027
128 Raymond Hirsch Pkwy.
White House, TN 37188

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Qwest Communications

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ASSISTED LIVING

American Retirement Corporation

www.arclp.com

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Chairman, President and CEO

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Suite 200
Brentwood, TN 37027

Brighton Gardens of Brentwood

www.sunriseseniorliving.com

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Executive Director

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Brentwood, TN 37027

LifeTrust America, Inc.

www.lifetrust.com

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President and CEO

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Franklin, TN 37067

Southern Living Centers, LLC

www.southernlivingcenters.com

Ronald C. Marston
President and CEO

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Suite 311
Nashville, TN 37201

LOCAL

ASSISTED LIVING CENTERS:

Barton House

6961 U.S. Highway 70 South
Nashville, TN 37221
(615) 673-6922
Administrator: Deneane Beard

Belmont Village

4206 Stammer Pl.
Nashville, TN 37215
(615) 279-9100
Administrator: Colleen Papp

Burton Court at the Blakeford

11 Burton Hills Blvd.
Nashville, TN 37215
(615) 665-2742
Administrator: Lois Johnstone

Carestone at Brentwood

5436 Edmonson Pike
Nashville, TN 37211
(615) 837-8006
Administrator: Julianne Bagwell Drenon

Carestone at Rivergate

94 Twin Hills Dr.
Madison, TN 37115
(615) 855-1979
Administrator: Kathy Gillihan

Homewood Residence at Brookmont Terrace

6767 Brookmont Terrace
Nashville, TN 37205
(615) 353-1990
Administrator: John Moore

Jackson Park Christian Home, Inc.

4107 Gallatin Rd.
Nashville, TN 37216
(615) 228-0356
Administrator: Patricia Gammel

Joseph B. Knowles Home for the Aged

1010 Camilla Caldwell Ln.
Nashville, TN 37218
(615) 862-6440
Administrator: Gerhard Bock

Lakeshore Wedgewood

832 Wedgewood Ave.
Nashville, TN 37203
(615) 383-4006
Administrator: Deborah Hankins

Mary, Queen of Angels

34 White Bridge Rd.
Nashville, TN 37205
(615) 353-6181
Administrator: Melodie Fyke

Maybelle Carter Senior Adult Community

208 West Due West Ave.
Madison, TN 37115
(615) 868-2290
Administrator: Judy Root

Morningside of Belmont

1710 Magnolia Blvd.
Nashville, TN 37212
(615) 383-2557
Administrator: Joel Timothy McConnell

Ponciana Ridge

1906 Cartwright St.
Nashville, TN 37203
(615) 327-1069
Administrator: Lee T. Jones

Sycamore Terrace Retirement Community

1427 Lebanon Pike
Nashville, TN 37210
(615) 242-2412
Administrator: William V. LaFollette

The Health Center at Richland Place

504 Elmington Ave.
Nashville, TN 37205
(615) 292-4900
Administrator: Timothy J. Shelly

The Manor Atrium at McKendree Village

4347 Lebanon Rd.
Hermitage, TN 37076
(615) 871-8701
Administrator: Jackie Hraba

The Waterford in Bellevue

8118-B Sawyer Brown Rd.
Nashville, TN 37221
(615) 646-2544
Administrator: Lee Anne Crisp

NHC HealthCare Dickson

812 N. Charlotte St.
Dickson, TN 37055
(615) 446-8046
Administrator: Jerry A. Winton

Olive Branch Assisted Living

110 Luther Rd.
Dickson, TN 37055
(615) 446-5017
Administrator: Martha Bullington

Silverplume

1104 Old Charlotte
White Bluff, TN 37187
(615) 797-3000
Administrator: Charles Woodard

Adams Place

1927 Memorial Blvd.
Murfreesboro, TN 37129
(615) 904-2449
Administrator: Andrew Adams

Azalea Court

207 Commerce Dr.
Smyrna, TN 37167
(615) 355-9900
Administrator: Judith Caroline Williams

Broadmore Assisted Living

3211 Memorial Blvd.
Murfreesboro, TN 37129
(615) 867-9777
Administrator: Penny Miller

Park View Meadows

240 MTCS Rd.
Murfreesboro, TN 37129
(615) 907-5800
Administrator: Sandra Whitt

Stones River Manor, Inc.

205 Haynes Dr.
Murfreesboro, TN 37129
(615) 893-5617
Administrator: Janet Swift

Sunnington, LLC

1658 Lascassas Pike
Murfreesboro, TN 37130
(615) 217-6756
Administrator: Lisa Harlow

Elmcroft

801 West Main St.
Lebanon, TN 37087
(615) 444-7016
Administrator: Ann Minatra

Hearthside at Castle Heights

215 Castle Heights Ave. N.
Lebanon, TN 37087
(615) 443-1994
Administrator: Daven N. Harrell

**Johnson Retirement and
Assisted Living Community**

3190 Carthage Highway
Lebanon, TN 37087
(615) 444-2677
Administrator: Dominic R. Catalano

Lebanon Assisted Living

303 Cleveland Ave.
Lebanon, TN 37087
(615) 449-8966
Administrator: Anne Simms Brown

Providence Place of Mt. Juliet

1020 Charlie Daniels Pkwy.
Mount Juliet, TN 37122
(615) 758-4800
Administrator: Kenneth R. Holland

Southern Living Centers of Lebanon, LLC

900 Coles Ferry Pike
Lebanon, TN 37087
(615) 443-7929
Administrator: Valerie Edwards

Morningside of Springfield, L.P.

205 Westgate Dr.
Springfield, TN 37172
(615) 384-7369
Administrator: Linda Hall

**Springfield Heights Assisted
Living Facility**

2540 South Main St.
Springfield, TN 37172
(615) 212-0300
Administrator: Lyndsey Gower

Whitehaven

403 South Church St.
Adams, TN 37010
(615) 696-2461
Administrator: Gail Turner

Benton House/Beacon Pointe

303 South Royal Oaks Blvd.
Franklin, TN 37064
(615) 794-6693
Administrator: Rita Huffer

Brighton Gardens of Brentwood

103 Arcaro Pl.
Brentwood, TN 37027
(615) 376-5299
Administrator: John Moore

Franklin Assisted Living, Inc.

219 Third Ave. North
Franklin, TN 37064
(615) 794-5723
Administrator: Barbara Crawford

Howell Home

1848 Carters Creek Pike
Franklin, TN 37064
(615) 790-9658
Administrator: Sheryl Lea Howell

Morningside of Franklin

105 Sunrise Circle
Franklin, TN 37067
(615) 591-3362
Administrator: Barbara Fillhart

NHC Place at Cool Springs

211 Cool Springs Blvd.
Franklin, TN 37069
() -
Administrator: Terry Leeman

Southern Care II

4277 South Carothers Road
Franklin, TN 37067
(615) 791-4416
Administrator: Janice Menard

Alterra Clare Bridge Cottage

3001 Business Park Circle
Goodlettsville, TN 37072
(615) 855-2040
Administrator: Heather Foster

Alterra Sterling House of Goodlettsville
2025 Caldwell Dr.
Goodlettsville, TN 37072
(615) 859-2889
Administrator: Wait Edgell

Halltown Residential Home, Inc.
711 Halltown Rd.
Portland, TN 37148
(615) 325-3833
Administrator: Kathy L. Cummings

Long Hollow Terrace
3048 Long Hollow Pike
Hendersonville, TN 37075
(615) 399-0054
Administrator: Joseph B. Laoyan

Morningside of Gallatin, L.P
1085 Hartsville Pike
Gallatin, TN 37066
(615) 230-5600
Administrator: Sharon Spears

Outlook Pointe at Hendersonville
1020 Carrington Place
Hendersonville, TN 37075
(615) 264-2440
Administrator: Nancy Mullen

Park Place Retirement Community
31 Executive Park Dr.
Hendersonville, TN 37075
(615) 822-6002
Administrator: Tim Rayborn

The Place at Gallatin
400 Hancock Rd.
Gallatin, TN 37066
(615) 451-7722
Administrator: Michael Ussery

The Terrace at Bluegrass
674 East Main St.
Hendersonville, TN 37075
(615) 824-4552
Administrator: Mary Helen Miller

BEHAVIORAL HEALTH CARE

AdvoCare of Tennessee, Inc.

Ann Boughtin
Executive Director
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222 2nd Avenue North
Suite 220
Nashville, TN 37202

Bradford Health Services **www.bradfordhealth.com**

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Regional Director
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Camelot Care Corporation **www.camelotcare.com**

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President and CEO
p: (615) 386-6755
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Suite 450
Nashville, TN 37205-5202

Centerstone Community Mental Health Centers, Inc. **www.centerstone.org**

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Cumberland Heights **www.cumberlandheights.org**

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Foundations Associates
www.dualdiagnosis.org/foundations.html

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Keystone Education and Youth Services
www.ccskids.com

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Psychiatric Solutions, Inc.
www.psolutions.com

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SeniorHealth Incorporated
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SunStone Behavioral Health
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Trinity MedCare, Inc.
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BILLING SERVICES/ CLAIMS PROCESSING

AIM HealthCare Services, Inc.
www.aimhealth.com

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P.O. Box 292377
Nashville, TN 37229

Emergency Physician Billing Service

Cora Dickson
Administrator
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1900 Church Street
Suite 511
Nashville, TN 37203

Fortune Medical Management Services
www.fmms-usa.com

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Ingram and Associates, LLC
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Jim Fitzsimmons
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Brentwood, TN 37027

Medical Data Services, LLC**www.medicaldataservices.com**Ron Wood
CEOp: (615) 369-6500
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1807 Patterson Street
Nashville, TN 37203**Medical Reimbursements of America, LLC**David Dingler
President and CEOp: (615) 963-3871
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117 Seaboard Lane
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Franklin, TN 37067-8215**Nashville Healthcare Solutions LLC**Bill Grayson
CEOp: (615) 386-2365
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100 Kenner Avenue
Nashville, TN 37205**Perot Systems Healthcare****www.perotsystems.com/ARS**Tom O'Neill
Executive Vice Presidentp: (800) 659-8883
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101 Cumberland Avenue
Madison, TN 37115**Practice Resource Network, Inc.****www.practiceresource.com**Anthony L. Holshouser
Vice President, Salesp: (615) 661-8929
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Suite 133
Brentwood, TN 37027**Quantum Recovery Group, Inc.****www.quantumrecovery.com**Sperry Jones
CEOp: (615) 255-6565
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315 10th Avenue North
Suite 101
Nashville, TN 37203**STAT Solutions LLC****www.statsolutionsusa.com**J. Dell Crosslin
Managing Directorp: (615) 320-5500
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2525 West End Avenue
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Nashville, TN 37203**Statement Rendering Solutions, LLC****www.statementrendering.com**Gary L. Semanchik
President and CEOp: (888) 429-4566
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2801 Biloxi Avenue
Nashville, TN 37204

BIOTECHNOLOGY

Arte Biotech Group**www.artecorp.com**

Tarun N. Surti

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899 South Curtiswood Lane
Nashville, TN 37204**Biocon Associates, Inc.**Claudia Hitchcock
Chairman and CEOp: (615) 385-7637
2817 West End Avenue
Suite 126-149
Nashville, TN 37203**BioMimetic Pharmaceuticals, Inc.****www.biomimetics.com**Samuel E. Lynch, DMD
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Franklin, TN 37067

BioVentures, Inc.
www.bioventures.com

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Aegis Analytical Laboratories, Inc.
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CardioLabs, Inc.
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Genetic Assays, Inc.
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Laboratory Corporation of America
www.labcorp.com

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MDS Laboratory Services, Inc.
www.mdsintl.com

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National Safety Alliance
www.nsacorp.com

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PathGroup, Inc.
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Quest Diagnostics
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Nashville, TN 37210
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**American Red Cross Blood Services
TN Valley Region**

2201 Charlotte Ave.
Nashville, TN 37203
(615) 327-8217

Anatomic Pathology Laboratory of Nashville

2300 Patterson St.
Nashville, TN 37203-1538
(615) 342-3050

**Anatomic Pathology Laboratory of Nashville
(Division of PathGroup)**

3441 Dickerson Pike
Nashville, TN 37207
(615) 769-4566

Aventis Bio-Services, Inc.

1620 Church St.
Nashville, TN 37203-2920
(615) 327-3816

Baptist Hospital

2000 Church St.
Nashville, TN 37236
(615) 284-5231

**Centennial Medical Center NICU
Respiratory Blood Gas Laboratory**

2221 Murphy Ave., 7th Fl.
2300 Patterson St.
Nashville, TN 37203-1538
(615) 342-4655

Centennial Medical Center Laboratory

2300 Patterson St.
Nashville, TN 37203
(615) 342-3000

DCI Laboratory

2917 Foster Creighton Dr.
Nashville, TN 37204
(615) 255-5227

DCI Transplant Immunology Laboratory

1616 Hayes St.
Nashville, TN 37203
(615) 321-0212

**Dermatopathology Laboratory
Mid-South, Inc.**

4301 Hillsboro Rd., Suite 222
Nashville, TN 37215
(615) 383-4478

**Diagnostic Laboratories–
Vanderbilt University Medical Center**

22nd and Pierce 4605 TVC
Nashville, TN 37232-5310
(615) 322-0126

Esoterix, Inc.

201 Summit View Dr., Ste. 100
Brentwood, TN 37027
(615) 370-8393

Fertility Laboratories of Nashville, Inc.–Andrology

2011 Murphy Ave., Suite 605
Nashville, TN 37203
(615) 321-8899

Genetic Assays, Inc.

4711 Trousdale Dr., #209
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(615) 781-0709

Genetics Associates, Inc.

1916 Patterson St., Suite 400
Nashville, TN 37203
(615) 327-4532

Heritage Medical Associates, P.C.

222 22nd Ave. North
Nashville, TN 37203
(615) 284-2222

Lab One Processing Station at Vanderbilt

1301 22nd Ave. South, Rm. 1753-A
1813 TVC
Nashville, TN 37232-5260
(615) 343-0454

Laboratory Corporation of America

1400 Donelson Pike, Suite B-10
Nashville, TN 37217
(615) 366-0313

Laboratory for Kidney Pathology, Inc.

1916 Patterson St., Suite 501
Nashville, TN 37203
(615) 321-5729

Matthew Walker Comprehensive Health Center, Inc.

1501 Herman St.
Nashville, TN 37208-3369
(615) 340-1270

Meharry Sickle Cell Center/Meharry Medical College

5th Fl., Meharry Medical College
1005 D. B. Todd Jr., Blvd.
Nashville, TN 37208-3501
(615) 327-6763

Metro Nashville General Hospital Clinical Lab

1818 Albion St.
Nashville, TN 37208
(615) 341-4331

Middle Tennessee Mental Health Institute

221 Stewarts Ferry Pike
Nashville, TN 37214
(615) 902-7476

Nashville Fertility Center, PC

2400 Patterson St., #319
Nashville, TN 37203-1566
(615) 321-4740

Nashville Metropolitan Bordeaux Hospital

1414 County Hospital Rd.
Nashville, TN 37218-3007
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Our Lab

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Nashville, TN 37210
(615) 874-0410

PathGroup Labs, LLC

776 Melrose Ave.
Nashville, TN 37211
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Pathologists' Laboratory, P.C.

4733 Andrew Jackson Pkwy.
P.O. Box 59
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(615) 883-0527

PCA Southeast-Nashville

1800 Church St., Suite 109
Nashville, TN 37203
(615) 329-1793

Quest Diagnostics, Inc.

4230 Harding Rd., # 400
Nashville, TN 37205
(615) 297-8161

Quest Diagnostics, Inc.

525 Mainstream Dr.
Nashville, TN 37228
(615) 687-2000

Select Specialty Hospital-Nashville

2000 Church St., 4th and 5th Fl.
Nashville, TN 37203
(615) 284-6704

Skyline Medical Center

3441 Dickerson Pike
Nashville, TN 37207
(615) 769-4522

Skyline Medical Center Blood Gas Laboratory

3441 Dickerson Pike
Nashville, TN 37207
(615) 769-4269

Southern Blood Services, Inc.

1114 17th Ave. S., # 104
Nashville, TN 37212
(615) 342-0180

Southern Hills Medical Center

391 Wallace Rd.
Nashville, TN 37211-4851
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4220 Harding Rd.
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Summit Medical Center

5655 Frist Blvd..
Hermitage, TN 37076
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Summit Medical Center Blood Gas Laboratory

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Tennessee Christian Medical Center-Madison

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The Center for Cytogenetics, Inc.
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Toxmed Reference Laboratory
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Castle Dental Centers of Tennessee, Inc.

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Magnolia Mobile Dental Services, Inc.

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Majestic Dental

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Lifetest Imaging Center
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Outpatient Imaging Affiliates, LLC
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Advanced Wellness Systems
176 Thompson Ln.
Nashville, TN 37211
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Bioimaging at Charlotte
1800 Charlotte Ave.
Nashville, TN 37203
(615) 329-4840

Bioimaging at Cool Springs
3310 Aspen Grove Dr., Franklin
Nashville, TN
(615) 771-0171

Bioimaging at Harding
11 Harding Mall Dr.
Nashville, TN 37211
(615) 332-9700

Lebanon MRI Center

1616 W. Main St.
Lebanon, TN 37087
(615) 453-1653

Middle Tennessee Imaging

741 President Pl.
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United Wellness Centers

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Choice 1 Medical Distributors, Inc.**www.c1md.com**

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1905 Church Street

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MAX Well Medical, Inc.**www.maxwellmedical.com**

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McKesson Corporation**www.mckesson.com**

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6420 Eastborne Drive

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Nashville, TN 37210

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TennCare**www.state.tn.us/tenncare**

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cheatham.k12tn.net/

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Ashland City, TN 37015
(615) 792-5664

Davidson County Board of Education
www.mnps.org/

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www.wcs.edu/

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Wilson County Board of Education
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Rutherford County Health Dept.

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**Sumner County Health Dept.
Hendersonville Clinic**

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Hendersonville, TN 37075
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Trousdale County Health Dept.

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Williamson County Health Dept.

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**Annexio International, Inc.
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CIMplify**www.cimplify.net**

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LONG-TERM CARE

(see also Home Health Care and Nursing Homes)

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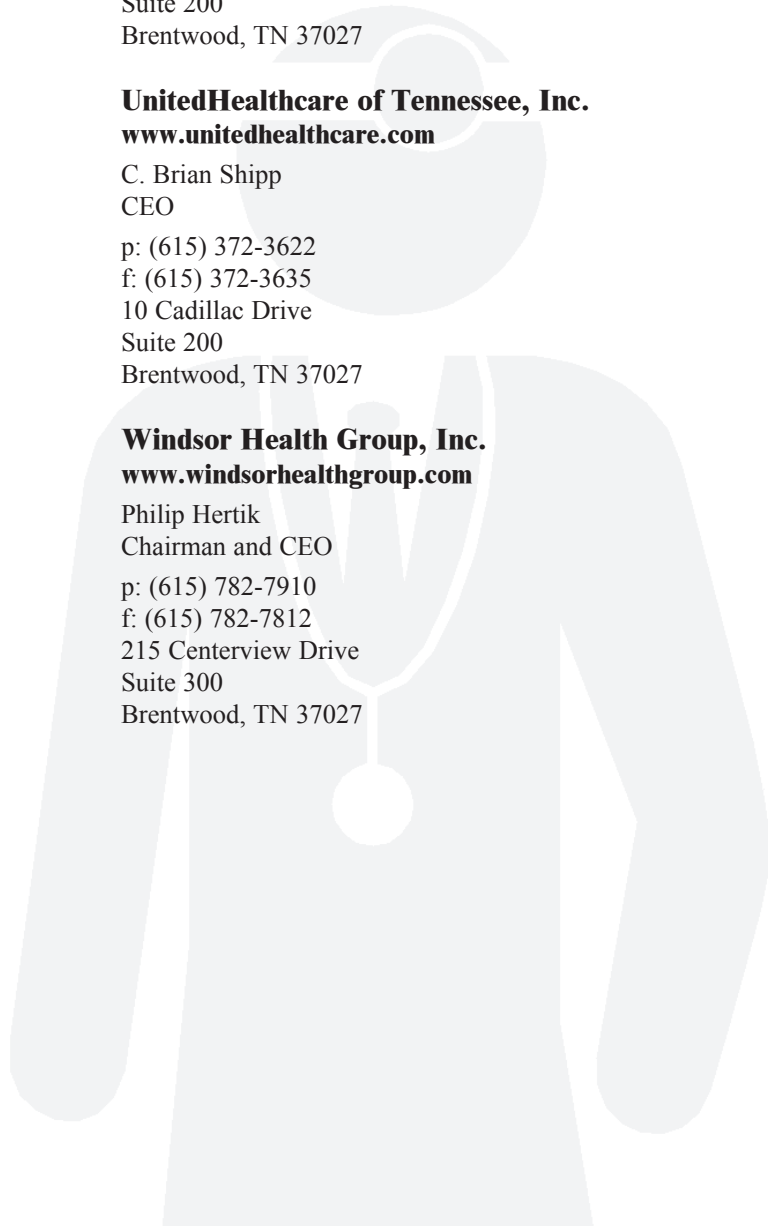
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f: (615) 261-6836
720 Cool Springs Blvd.
Suite 500
Franklin, TN 37067

Wellness, LLC

www.wellnessllc.com

H. Bart Franey
President and CEO

p: (615) 321-5052
f: (615) 321-5251
One Vantage Way
Suite B-440
Nashville, TN 37228

Williams Medical Supply

Roy Williams

p: (615) 327-4931
f: (615) 321-5287
1501 Church Street
Nashville, TN 37203-3004

NURSING HOMES

Belcourt Terrace

1710 Belcourt Ave.
Nashville, TN 37212
(615) 383-3570
Administrator: Brian Vermillion

Bethany Health Care Center

421 Ocala Dr.
Nashville, TN 37211
(615) 834-4214
Administrator: Dwight David Osteen

**Centennial Medical Center—
Skilled Nursing Facility**

2300 Patterson St.
Nashville, TN 37203
(615) 342-3399
Administrator: Suzanne Rueb

Cornelia House

701 Porter Rd.
Nashville, TN 37206
(615) 226-3264
Administrator: Ronald W. Bridges

Crestview Nursing Home

2030 25th Ave. NorthH
Nashville, TN 37208-1369
(615) 256-4697
Administrator: Dahlen Jordan

Cumberland Manor

4343 Hydes Ferry Pike
Nashville, TN 37218-2401
(615) 726-0492
Administrator: Robert Venable

Good Samaritan Health and Rehab Center

500 Hickory Hollow Terrace
Antioch, TN 37013
(615) 731-7130
Administrator: Armand Santos (Interim)

HQM of Nashville

2733 McCampbell Ave.
Nashville, TN 37214-2913
(615) 885-0483
Administrator: Sam W. Sullivan

Imperial Manor Convalescent Center

306 W. Due West Ave.
Madison, TN 37115
(615) 865-5001
Administrator: Martin Hill, Acting

Jackson Park Christian Home, Inc.

4107 Gallatin Rd.
Nashville, TN 37216
(615) 228-0356
Administrator: Patricia Gammel

Lakeshore Estates

832 Wedgewood Ave.
Nashville, TN 37203
(615) 383-4006
Administrator: Debbie Hankins

Lakeshore Heartland

3025 Fernbrook Lane
Nashville, TN 37214-1601
(615) 885-2320
Administrator: Ken Ragland

**Madison Healthcare and
Rehabilitation Center**

431 Larkin Springs Rd.
Madison, TN 37115
(615) 865-8520
Administrator: Melissa Hansen

Mariner Health of Nashville

3939 Hillsboro Circle
Nashville, TN 37215-2708
(615) 297-2100
Administrator: Molly Mitchell

McKendree Village, Inc.

4347 Lebanon Rd.
Hermitage, TN 37076
(615) 871-8780
Administrator: Harold Ermsar

**Nashville Metropolitan Bordeaux
Hospital/Nursing Facility**

1414 County Hospital Rd.
Nashville, TN 37218
(615) 862-7005
Administrator: May Bennett

NHC HealthCare, Nashville

2215 Patterson St.
Nashville, TN 37203
(615) 327-3011
Administrator: Mary Ellen Mayfield

River Park Health Care

1306 Katie Ave.
Nashville, TN 37207
(615) 228-3494
Administrator: Joe Garafola

**Skyline Medical Center
Transitional Care Unit**

3441 Dickerson Pike
Nashville, TN 37207
(615) 769-7300
Administrator: Mark Sims (Interim)

The Health Center at Richland Place

504 Elmington Ave.
Nashville, TN 37205-2508
(615) 292-4900
Administrator: Timothy J. Shelly

The Meadows

8044 Coley Davis Rd.
Nashville, TN 37221
(615) 646-4466
Administrator: Elizabeth Oldham Lewis

The Windsor House

3425 Knight Dr.
Whites Creek, TN 37189
(615) 876-2754
Administrator: Deborah Beasley

Trevecca Health Care Center

329 Murfreesboro Rd.
Nashville, TN 37210
(615) 244-6900
Administrator: Sharon Goff

Vanco Manor Nursing Center

813 South Dickerson Rd.
Goodlettsville, TN 37072-1707
(615) 859-6600
Administrator: Soheila Kheshti

**Vanderbilt University Hospital/
Skilled Nursing Facility**

Hospital Administration, Rm. AA1204 MCN
1161 21st Ave. South, 57400 MCN
Nashville, TN 37232-2102
(615) 322-5302
Administrator: Vickie W. Harris

West End Health Care Center

2818 Vanderbilt Place
Nashville, TN 37212-2522
(615) 327-4208
Administrator: Howard Randell Cornwell

West Meade Place

1000 St. Luke Dr.
Nashville, TN 37205
(615) 352-3430
Administrator: James L. Wright

Woodcrest at Blakeford

11 Burton Hills Blvd.
Nashville, TN 37215-6138
(615) 665-2524
Administrator: Lois Johnstone

Dickson County Nursing Home

901 North Charlotte St.
Dickson, TN 37055
(615) 446-5171
Administrator: Barry Cunningham

NHC HealthCare, Dickson

812 North Charlotte St.
Dickson, TN 37055
(615) 446-8046
Administrator: Jerry A. Winton

**Christian Care Center of
Cheatham Couty, Inc.**

2501 River Road
Ashland City, TN 37015
(615) 792-4948
Administrator: George S. Deakins (Interim)

Hillcrest HealthCare Center

111 E. Pemberton St.
Ashland City, TN 37015
(615) 792-9154
Administrator: Judy Louise/Usry French

Adams Place

1927 Memorial Blvd.
Murfreesboro, TN 37129
(615) 904-7100
Administrator: William Andrew Adams, Jr.

Boulevard Terrace Rehabilitation and Nursing Center

915 South Tennessee Blvd.
Murfreesboro, TN 37130-5140
(615) 896-4505
Administrator: Amanda H. Pullias

Community Care of Rutherford County, Inc.

901 East County Farm Rd.
Murfreesboro, TN 37130
(615) 893-2624
Administrator: Charles King

Mayfield Rehabilitation and Special Care Center

200 Mayfield Dr.
Smyrna, TN 37167-3019
(615) 355-0350
Administrator: Lorie Britton

NHC HealthCare, Murfreesboro

420 N. University St.
Murfreesboro, TN 37130
(615) 893-2602
Administrator: Greg Bidwell

Northside Health Care Center

202 East MTCS Rd.
Murfreesboro, TN 37130-0501
(615) 849-8748
Administrator: Charles Anderson

Peachtree Center Nursing and Rehabilitation

202 Enon Springs Rd. East
Smyrna, TN 37167
(615) 459-5600
Administrator: Russell O. Caughron

Tennessee Veterans Home

345 Compton Road
P.O. Box 10299
Murfreesboro, TN 37129
(615) 895-8850
Administrator: Ken Overton

Hartsville Convalescent Center

649 McMurry Blvd.
Hartsville, TN 37074
(615) 374-2167
Administrator: Jennifer Sue Jackson

Margie Anna Nursing Home

152 S. College St.
Lebanon, TN 37087
(615) 444-2882
Administrator: Susan Thomas

Mariner Health Care of Lebanon

731 Castle Heights Court
Lebanon, TN 37087-2646
(615) 444-4319
Administrator: Tyler Masden

Mt. Juliet Health Care Center

2650 N. Mt. Juliet Rd.
Mount Juliet, TN 37122-3007
(615) 758-4100
Administrator: Ann Pippin

Quality Care Health Center

932 Baddour Pkwy.
P.O. Box 2789
Lebanon, TN 37087
(615) 444-1836
Administrator: Dixie Taylor

UniversityMedical Center Skilled Nursing Facility

500 Park Ave.
Lebanon, TN 37087-3721
(615) 449-0500
Administrator: Carol Rains

Beverly Healthcare

104 Watson Rd.
Springfield, TN 37172-4528
(615) 384-9565
Administrator: Edward Hogan

Elm Hurst Nursing Home, Inc.

704 5th Ave. East
Springfield, TN 37172
(615) 384-7977
Administrator: Jane A. Smithson

NHC HealthCare, Springfield

608 8th Ave. East
Springfield, TN 37172
(615) 384-8453
Administrator: Roger Chris heeren

Ridgetop Haven, Inc.

2002 Greer Rd.
P.O. Box 138
Ridgetop, TN 37152-0138
(615) 859-5895
Administrator: Sidney B. Pierce

Claiborne and Hughes Health Center

200 STRAHL St.
Franklin, TN 37064
(615) 791-1103
Administrator: Millicent Burkart

Franklin Manor Nursing Center

1501 Columbia Ave.
Franklin, TN 37064
(615) 794-2624
Administrator: Christina Conkle

Harpeth Terrace Convalescent Center

1287 W. Main St.
Franklin, TN 37064
(615) 794-8417
Administrator: Mitzi Whitten

NHC HealthCare, Franklin

216 Fairground St.
Franklin, TN 37064
(615) 790-0154
Administrator: Christina Conkle Jones

NHC Place at Cool Springs

211 Cool Springs Blvd.
Franklin, TN 37069
(615) 778-6800
Administrator: Terry Leeman

Brandywood Rehabilitation and Retirement Center

555 E. Bledsoe St.
Gallatin, TN 37066
(615) 452-7132
Administrator: Robin Reeves Green

Gallatin Health Care Associates

438 N. Water Ave.
Gallatin, TN 37066
(615) 452-2322
Administrator: Sonya Kemp

Hendersonville Nursing Home

672 W. Main St.
Hendersonville, TN 37075
(615) 264-2105
Administrator: Mary Alice Stevenson

Highland Manor Nursing Home

215 Highland Circle Dr.
Portland, TN 37148
(615) 325-9263
Administrator: Dennis Burtnett

NHC HealthCare, Hendersonville

370 Old Shackle Island Rd.
Hendersonville, TN 37075
(615) 824-0720
Administrator: Todd Moore

**Sumner Regional Medical Center
Transitional Care Unit**

555 Hartsville Pike
Gallatin, TN 37066
(615) 230-5040
Administrator: Fred R. Levoy

**Westmoreland Care and
Rehabilitation Center**

1559 New Highway 52
Westmoreland, TN 37186
(615) 644-5111
Administrator: John Pope

OCCUPATIONAL- HEALTH/WORKERS' COMPENSATION/ WELLNESS

Care Management Consultants, Inc.

www.caremgmtonline.com

Kathy Ingleson
President
p: (615) 373-2273
f: (615) 377-3916
P.O. Box 3101
Brentwood, TN 37027

Gordian Health Solutions, Inc.

www.gordian-health.com

Gregg O. Lehman
President and CEO
p: (615) 844-2100
f: (615) 844-2128
113 Seaboard Lane, Suite 200-C
Franklin, TN 37067

Health and Productivity Corporation of America
www.hpca.net

Ron Loeppke
President and CEO
p: (615) 289-5393
f: (615) 371-1397
5166 Remington Drive
Brentwood, TN 37027

LIFESIGNS Holdings, Inc.
www.lifesignsexam.com

Otis A. Plunk
CEO
p: (615) 371-3000
f: (615) 371-3089
105 Westwood Place
Suite 350
Brentwood, TN 37027

Occupational Health Consultants of America
www.ohca-eap.com

John Tucker
Operations Manager, Nashville OHCA Office
p: (615) 292-4327
f: (615) 292-0512
3401 West End Avenue
Suite 308
Nashville, TN 37203

PHARMACEUTICALS

AstraZeneca
www.astrazeneca.com

Dave Giles
p: (800) 295-3935
f: (615) 503-2848
501 Corporate Center Drive
Suite 300
Franklin, TN 37067

Caremark Rx, Inc.
www.caremarkrx.com

Mac Crawford
Chairman and CEO
p: (615) 743-6600
f: (615) 743-6599
211 Commerce Street
Suite 800
Nashville, TN 37201

Cumberland Pharmaceuticals Inc.
www.cumberlandpharma.com

A.J. Kazimi
President and CEO
p: (615) 255-0068
f: (615) 255-0094
2525 West End Avenue
Suite 950
Nashville, TN 37203

GlaxoSmithKline
www.gsk.com

Gary Blalack
Director, State Government Affairs
p: (615) 791-8438
f: (615) 790-7009
516 Cherrywood Point
Franklin, TN 37064

Merck and Co., Inc.
www.merck.com

David Lee
National Account Executive
p: (800) 535-0369
f: (770) 643-2975
One Merck Drive
Whitehouse Station, NJ 08889-0100

Pfizer Inc
www.pfizer.com

Bruce Pennington
Manager, Managed Care Market
p: (615) 776-3904
f: (615) 776-3918
3 Angel Trace
Brentwood, TN 37027

Pharmaceutical Credit Corporation
www.pccccredit.com

Robert H. Wolle, Jr.
President and CEO
p: (615) 373-4262
f: (615) 373-7727
P.O. Box 1684
Brentwood, TN 37024

Precision Healthcare, Inc.**www.precisionpharmacy.com**

Teresa Fox-Morgan
Vice President

p: (615) 367-1444
f: (615) 367-1445
1410 Donelson Pike
Suite B-20
Nashville, TN 37217

Rare Disease Therapeutics, Inc.**www.raretx.com**

Milton H. Ellis
President

p: (615) 399-0700
f: (615) 399-1217
1101 Kermit Drive
Suite 608
Nashville, TN 37217

VDDI Pharmaceuticals**www.virtualdrugdevelopment.com**

R. Stephen Porter
Chairman, President and CEO

p: (615) 267-3080
f: (615) 467-3083
5200 Maryland Way
Suite 204
Brentwood, TN 37027

Vibrant Health System**www.vibranthealth.tv**

Marilyn Tucker
Founder

p: (615) 370-1100
f: (615) 331-7683
5704 Amalie Drive
Nashville, TN 37211

PHYSICIAN PRACTICE

Anesthesia Medical Group, PC**www.amg-group.com**

Dave Whitten
CEO

p: (615) 327-7870
f: (615) 327-5435
110 29th Avenue North
Suite 201
Nashville, TN 37203

Care ATC**www.careatc.com**

Ernest A. Clevenger
Principal

p: (615) 221-5901
f: (615) 221-5902
567 Midway Circle
Brentwood, TN 37027-5178

FOCUS Healthcare Management**www.focus-ppo.com**

Thomas F. Cox
President

p: (615) 778-4000
f: (615) 778-4288
720 Cool Springs Boulevard
Suite 300
Franklin, TN 37067

The Heart Group, PLLC**www.heartgroup.net**

E. Travis Wood
CEO

p: (615) 269-4545
f: (615) 565-6789
4230 Harding Road
Suite 330
Nashville, TN 37205

Heritage Medical Associates, PC**www.heritagemedical.com**

Mark Grasela
CEO

p: (615) 284-2222
f: (615) 284-2248
222 22nd Avenue North
Suite 100
Nashville, TN 37203-1870

OrthoLink Physicians Corporation**www.ortholink.net**

Mark Tulloch
President and CEO

p: (615) 376-7300
f: (615) 376-7481
103 Powell Court
Suite 350
Brentwood, TN 37027

PivotHealth, Inc.
www.pivotehealth.com

John Phillips
President
p: (615) 373-8745
f: (615) 373-8746
5211 Maryland Way
Suite 2020A
Brentwood, TN 37027

Radiology Alliance, PC
www.radalliance.com

Bill Sanders
CEO
p: (615) 312-0600
f: (615) 320-3259
210 25th Avenue North
Suite 602
Nashville, TN 37203

Southwind Health Partners, LLC
www.southwindhp.com

John A. Deane
President
p: (615) 385-2126
f: (615) 986-1501
3200 West End Avenue
Suite 500
Nashville, TN 37203

Tennessee Oncology, PLLC
www.tnoncology.com

Charles E. McKay
CEO
p: (615) 329-0570
f: (615) 320-7091
300 20th Avenue North
Suite 301
Nashville, TN 37203

REHABILITATION

(See also Acute Care (Hospitals), Ambulatory/
Outpatient and Medical Clinics)

HealthSOUTH Diagnostic Center of Nashville
www.healthsouth.com

Jason W. Montgomery
Director, Operations and Diagnostics
p: (615) 327-1500
f: (615) 327-1421
337 22nd Avenue North
Nashville, TN 37203

Middle Tennessee Treatment Center
www.at-treatment.com/nash

Jennifer Fairbend
Program Director
p: (615) 321-2575
f: (615) 327-4536
2410 Charlotte Avenue
Nashville, TN 37203

National Rehab Partners, Inc.
www.rehabnpr.com

John Allan Hawes
Chairman and CEO
p: (615) 369-2200
f: (615) 369-2210
115 East Park Drive
Suite 150
Brentwood, TN 37027

Paragon Rehabilitation, Inc.
www.paragonrehab.com

Lawrence W. Lepley
President and CEO
p: (800) 335-1060
f: (615) 627-2041
150 2nd Avenue North
Suite 340
Nashville, TN 37201

STAFFING SERVICES/ EXECUTIVE RECRUITING

AccountSource
www.acctgexperts.com

Connie V. Spivey
President
p: (615) 791-6592
f: (615) 595-2278
P.O. Box 3671
Brentwood, TN 37067

Alternative Staffing Concepts, Inc.

Pat Richardson
Administrator
p: (615) 831-0300
f: (615) 831-0488
4015 Travis Drive, Suite 101
Nashville, TN 37211

ATC Healthcare Services**www.atchealthcare.com**

Sheila Hale
Manager, Southeast Region

p: (615) 327-2694
f: (615) 329-4124
1808 West End Avenue
Suite 1111
Nashville, TN 37203

BT and Associates**www.btandassociates.com**

Brad Towe
President

p: (615) 515-3029
f: (615) 515-3090
7021 Sugarplum Road
Nashville, TN 37211

Buffkin and Associates, LLC**www.buffkinassociates.com**

Craig Buffkin
Managing Partner

p: (615) 771-0098
f: (615) 771-0099
730 Cool Springs Boulevard
Suite 120
Franklin, TN 37067

Century II Staffing**www.centuryiistaffing.com**

Marc Fortune
President and CEO

p: (615) 665-9060
f: (615) 665-1833
155 North Franklin Road
Suite 330
Brentwood, TN 37027

CliniCon**www.clini-con.com**

Jeff D. Bowman
President and COO

p: (615) 595-6335
f: (615) 595-6336
381 Riverside Drive
Suite 250
Franklin, TN 37064

HCCA International**www.hccaintl.com**

Ronald C. Marston
President

p: (615) 255-7187
f: (615) 255-7093
222 2nd Avenue North
Suite 311
Nashville, TN 37201

Innovative Health Partners**www.innovativehp.com**

Lucius W. Carroll II

p: (615) 777-9027
f: (615) 385-1742
2100 West End Avenue
Suite 950
Nashville, TN 37203

Manpower**www.us.manpower.com**

Jay Boone
Area Manager

p: (615) 327-9922
f: (615) 327-9838
1801 West End Avenue
Suite 100
Nashville, TN 37203

Nursing Resources Solutions, LLC**www.nursingresourcesolutions.com**

Darren White
RN Operations Mgr.

p: (615) 327-3480
f: (615) 327-0695
1506 Church Street
Suite 1
Nashville, TN 37203

Onsite Companies and Aerotek Scientific**www.aerotek.com****www.onsitecompanies.com**

Kim Harris
Manager

p: (615) 837-4200
5211 Linbar Drive
Suite 500, Bldg. 5
Nashville, TN 37211

Pacific Rim Nurses, LLC**www.pacificrimnurses.com**

Evans M. Clements III
CEO

p: (615) 386-7070
f: (615) 385-7236
2400 Crestmoor Road
Nashville, TN 37215

Questar Partners, Inc.**www.questarpartners.com**

Melissa Wharton
President and CEO

p: (615) 371-8800
f: (615) 371-8804
100 Winners Circle
Suite 160
Brentwood, TN 37027

Randstad North America**www.randstadna.com**

Joanne Pridgen
Senior Medical Specialist

p: (615) 342-9002
f: (615) 327-0107
2317 Elliston Place
Nashville, TN 37203

Southwestern Business Resources, Inc.**www.thinkingahead.com**

Carl Roberts
President

p: (800) 443-7977
f: (615) 231-4000
2451 Atrium Way
Nashville, TN 37214

Staffmark**www.staffmark.com**

Karen Cox
Account Executive

p: (615) 321-9005
f: (615) 321-0980
2404 West End Avenue
Suite 108
Nashville, TN 37203

Sysgenix Resources**www.sysgenix.com**

John Kepley
Director, Consulting Services

p: (615) 846-2201
f: (615) 846-2201
1889 General George Patton Drive
Suite 200
Franklin, TN 37067

Thompson Recruiting Group, Inc.**www.trgcareers.com**

Brett Thompson, CPC
President

p: (615) 665-1050
f: (615) 665-2090
30 Burton Hills Boulevard
Suite 230
Nashville, TN 37215



PROFESSIONAL ORGANIZATIONS





PROFESSIONAL ORGANIZATIONS, ACCREDITATION, AND LICENSING WEB SITES

Please note that there are hundreds of allied health fields and numerous organizations for nursing. This list is not all inclusive. Please visit the companion website to this document at www.healthcarecareermap.org for updates.

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SPONSORS OF THIS HANDBOOK

Middle Tennessee State University
www.mtsu.edu

**Middle Tennessee State University's
Center for Health and Human Services**
www.mtsu.edu/~achcs/index.html

Middle Tennessee Career Center
www.midtnccareercenters.org/

Health Care Career Map
www.healthcarecareermap.org

Tennessee Hospital Association
www.tha.com



CAREER TOOLS

America's Career InfoNet

www.acinet.org
Information on various careers. Includes a skills profiling tool along with videos of people at work in various jobs.

American Medical Association (AMA)

ama-assn.org/go/enews
AMA has an e-newsletter, "The Health Professionals Career and Education E-letter," which covers educational trends and career-related issues for more than 50 professions that participate in the delivery of health care. Newsletter readers and contributors include staff of health professions, accrediting agencies, educational programs and institutions, professional organizations, certifying/licensing boards, and media contacts.

See also the AMA's Allied Health News and Resources at www.ama-assn.org/ama/pub/category/2322.html.

Health Occupations Students of America (HOSA)

www.hosa.org/
Through this website, members, advisors, and guests can access a wide array of services from basic organization information to online membership services.

Kaiser Permanente Launch (Learn About Unlimited New Careers n Healthcare) and Inroads Program

www.inroads.org/
This site offers information on youth workforce preparation through the KP Launch/Inroads program. The site has a history of the partnership, testimonials from interns, and other valuable information.

Kids Into Health Careers

www.bhpr.hrsa.gov/kidscareers
An initiative of the United States Department of Health and Human Services, Health Resources and Services Administration (HRSA), this site offers information on job opportunities and health care careers, financial information, and details on federally funded health profession programs and other resources.

"My First Day"

unity.ama-assn.org/UM/T.asp?A40.576.1064.10.197282
A site available from the Minnesota Hospital Association, representing the state's 139 nonprofit hospitals and 19 health systems, created to give high school students a look at health care careers.

National Institutes of Health, Office of Science Education, "Lifeworks"

www.science.education.nih.gov/
Health and medical science career exploration site for students, parents, mentors, teachers, and career counselors.

Tennessee Health Careers

www.tnhealthcareers.com
Information on health care careers and preparation, along with listings of Tennessee hospitals, professional organizations, and more.



PROFESSIONAL ORGANIZATIONS INFORMATION AND ACCREDITATION

Corresponding state organizations where available can be accessed through the national websites listed in the section that follows.

ALLIED HEALTH

Accreditation Council for Occupational Therapy Education (ACOTE)

www.aota.org

Occupational Therapist, Occupational Therapy Assistant

Accreditation Review Commission on Education for the Physician Assistant (ARC-PA)

www.arc-pa.org

Physician Assistant

American Art Therapy Association (AATA)

www.arttherapy.org

Art Therapist

American Association for Medical Transcription

www.aamt.org/

American Association of Medical Assistants (AAMA)

www.aama-ntl.org/

Medical Assistant

American Association for Respiratory Care

www.aarc.org

American Dental Association

www.ada.org

American Dental Hygienists Association

www.adha.org

American Dietetic Association

www.eatright.org

American Health Information Management Association

www.ahima.org

American Healthcare Radiology Administrators

www.ahraonline.org

American Kinesiotherapy Association

www.akta.org/

American Medical Association

www.ama-assn.org

American Occupational Therapy Association (AOTA)

www.aota.org and

www.promoteot.org/

American Orthoptic Council (AOC)

www.orthoptics.org

Orthoptist

American Physical Therapy Association (APTA)

www.apta.org

Physical Therapist, Physical Therapist Assistant

American Registry of Radiologic Technologists

www.asrt.org/

American School Health Association

www.ashaweb.org

American Society of Cytopathology

www.cytopathology.org

American Society for Clinical Laboratory Science

www.ascls.org/

American Society for Clinical Pathologists

www.ascp.org/

American Society of Echocardiography (ASE)

www.asecho.org/

American Society of Health System Pharmacists (ASHP)

www.ashp.org

Pharmacy Technician

American Society of Radiologic Technologists

www.asrt.org

American Speech-Language Hearing Association

www.asha.org

American Therapeutic Recreation Association

www.atra-tr.org

Association Of Educators in Radiological Sciences

www.aers.org

Association of Polysomnographic Technologists

www.aptweb.org

Association for Education and Rehabilitation of the Blind and Visually Impaired (AERBVI)

www.aerbvi.org

Low Vision Therapist, Orientation and Mobility Specialist, Rehabilitation Teacher, Teacher of the Visually Impaired

The Association of Schools of Allied Health Professions

www.asahp.org/

The Association of Surgical Technologists

www.ast.org/

Commission on Accreditation of Allied Health Education Programs (CAAHEP)

www.caahep.org

Anesthesiologist Assistant, Athletic Trainer, Cardiovascular Technologist, Cytotechnologist, Diagnostic Medical Sonographer, Electroneurodiagnostic Technologist, Emergency Medical Technician-Paramedic, Health Information Administrator, Health Information Technician, Kinesiotherapist, Medical Assistant, Medical Illustrator, Ophthalmic Medical Technician/Technologist, Orthotist/Prosthetist, Perfusionist, Respiratory Therapist (Advanced), Respiratory Therapist (Entry-Level), Specialist in Blood Bank Technology, Surgical Technologist

Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association

www.eatright.org/cade

Dietetic Technician, Dietitian/Nutritionist

Commission on Dental Accreditation (CDA) of the American Dental Association

www.ada.org

Dental Assistant, Dental Hygienist, Dental Laboratory Technician

Commission of Opticianry Accreditation

www.coaccreditation.com

Ophthalmic Dispensing Optician, Ophthalmic Laboratory Technician

Council on Academic Accreditation in Audiology and Speech-Language Pathology

professional.asha.org/academic/council.cfm

Audiologist, Speech-Language Pathologist

Council on Accreditation of the National Recreation and Park Association

www.nrpa.org

Therapeutic Recreation Specialist

Council on Rehabilitation Education (CORE)

www.core-rehab.org

Rehabilitation Counselor

International Society for Magnetic Resonance in Medicine

www.ismrm.org/

Joint Review Committee on Education in Radiologic Technology (JRCERT)

www.jrcert.org

Radiation Therapist, Radiographer

Joint Review Committee on Educational Programs in Nuclear Medicine Technology (JRCNMT)

www.jrcnmt.org

Nuclear Medicine Technologist

National Accrediting Agency for Clinical Laboratory Sciences (NAACLS)

www.naacls.org

Clinical Laboratory Technician/Medical Laboratory Technician-Associate Degree, Clinical Laboratory Technician/Medical Laboratory Technician-Certificate, Clinical Laboratory Scientist/Medical Technologist, Diagnostic Molecular Scientist, Histologic Technician/Technologist, Pathologists' Assistant, Clinical Assistant, Cytogenetic Technologist, Phlebotomist

National Association of Emergency Medical Technicians

www.naemt.org/

National Association for Schools of Music (NASM)

www.arts-accredit.org

Music Therapist

National Athletic Trainers' Association

www.nata.org

National Certification Board for Therapeutic Massage and Bodywork (NCBTMB)

www.ncbtmb.com

National Society for Histotechnology (NSH)

www.nsh.org/

National Phlebotomy Association

www.nationalphlebotomy.org

Society of Diagnostic Medical Sonography (SDMSS)

www.sdms.org

Society of Nuclear Medicine (SNM)

interactive.snm.org/

Society for Vascular Ultrasound (SVU)

www.svttnet.org/ (Web site coming soon)

NURSING

American Academy of Nurse Practitioners

www.aanp.org/default.asp

American Association of Colleges of Nursing

www.aacn.nche.edu/

American Association of Critical Care Nurses

www.aacn.org

American Association of Nurse Anesthetists

www.aana.com/

American College of Nurse Midwives

www.acnm.org/

American College of Nurse Practitioners

www.nurse.org/acnp/

American Nurses Association

www.nursingworld.org/

American Psychiatric Nurses Association

www.apna.org/

Association of Operating Room Nurses

www.aorn.org/

Association of Women's Health, Obstetric, and Neonatal Nurses

www.awhonn.org/

National League for Nursing

www.nln.org/

Oncology Nursing Society

www.ons.org/

Tennessee Center for Nursing

www.centerfornursing.org/

Tennessee Nurses Association

www.tnaonline.org/

Tennessee State Board of Nursing

www.tennessee.gov/health



OTHER PROFESSIONAL SITES

Center for the Health Professions, Allied Health (San Francisco, CA)

futurehealth.ucsf.edu/alliedhealth.html

Center for Health Workforce Development in Tennessee

www.healthworkforce.org

HealthWeb

www.healthweb.org

HealthWeb – Allied Health Links

www.healthweb.org/browse.cfm?subjectid=23

Nashville Health Care Council

www.healthcarecouncil.com/

Tennessee Board of Regents

www.tbr.state.tn.us/

Tennessee Career Centers

www.state.tn.us/labor-wfd/cc/

Tennessee Department of Health

www.state.tn.us/health

Tennessee Department of Health Licensing Information

www.state.tn.us/health/licensing.htm

Tennessee Department of Labor and Workforce Development

www.tennessee.gov/labor-wfd/

Tennessee Higher Education Commission

www.state.tn.us/thec/

Tennessee Hospital Association

www.tha.com

United States Department of the Census

www.census.gov

United States Department of Labor, Bureau of Labor and Statistics, Occupational Outlook Handbook

www.bls.gov/oco/



LICENSING

The Tennessee Department of Health's Division of Health Related Boards provides administrative support to the twenty-six (26) boards, committees, councils and one (1) registry that are charged with the licensure and regulation of their respective health care professionals, as well as the Office of Consumer Right to Know. The mission of each board is to safeguard the health, safety, and welfare of Tennesseans by requiring those who practice health care professions within this state to be qualified. The boards interpret the laws, rules, and regulations to determine the appropriate standards of practice in an effort to ensure the highest degree of professional conduct. The boards are also responsible for the investigation of alleged violations of the Practice Act and rules and are responsible for the discipline of licensees who are found guilty of such violations. Board members, with few exceptions, are appointed by the governor. Tennessee statute mandates that specific health care professionals submit information to the department regarding details of their training, specialty certification, and practice. The Office of Consumer Right to Know is charged with seeking and collecting this information and providing it to consumers via the department's website.

Boards, Councils, Committees, and Registry:

Athletic Trainers
Tennessee Advisory Committee for Acupuncture
Board of Alcohol and Drug Abuse Counselors
Board of Chiropractic Examiners
Committee for Clinical Perfusionists
Board of Communications Disorders/Sciences
Board of Dentistry
Board of Dietitian and Nutritionist Examiners
Board of Dispensing Opticians
Board of Electrolysis Examiners
Emergency Medical Services Board
Council for Hearing Instrument Specialists
Tennessee Massage Licensure Board
Board of Medical Examiners
Tennessee Medical Laboratory Board
Board of Nursing
Council of Certified Professional Midwifery
Board of Examiners for Nursing Home Administrators
Board of Occupational and Physical Therapy Examiners
Board of Optometry
Board of Osteopathic Examiners
Committee on Physician Assistants
Board of Registration in Podiatry
Board for PC, MFT, and CPT
Board of Examiners in Psychology
Board of Respiratory Care
Reflexology Registration
Board of Social Worker Certification and Licensure
Board of Veterinary Medical Examiners
X-Ray Operators

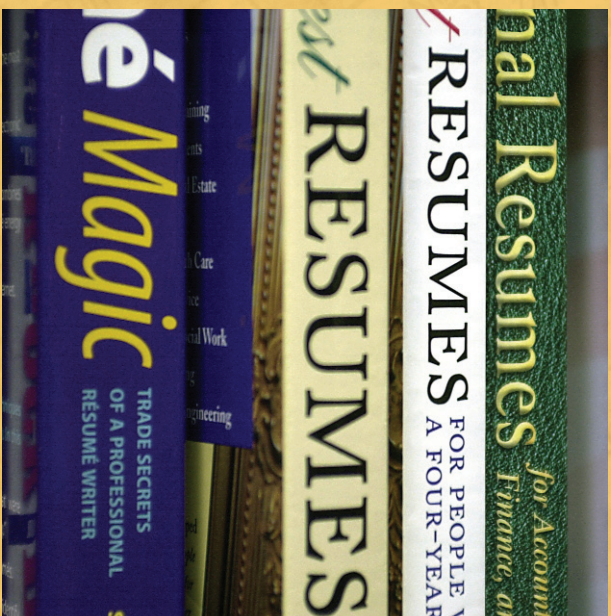
The Tennessee Department of Health's Division of Health Related Boards website provides specifics for each of the groups listed above.

www2.state.tn.us/health/Boards/index.htm

If additional information is needed, the Division of Health Related Boards may be contacted at

Tennessee Department of Health
425 Fifth Avenue, North
Cordell Hull Building, 3rd Floor
Nashville, TN 37247

E-mail: tn.health@state.tn.us



R E F E R E N C E S



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INFORMATION ALSO PROVIDED IN PART BY

Brentwood Chamber of Commerce
www.brentwood.org

Old Hickory Chamber of Commerce
www.oldhickorychamber.org/

Cheatham County Chamber of Commerce
www.cheathamchamber.org

Portland Chamber of Commerce
www.portlandtn.com/

Cool Springs Chamber of Commerce
www.coolspringschamber.org

Rutherford County Chamber of Commerce
www.rutherfordchamber.org

Dickson County Chamber of Commerce
www.dicksoncountychamber.com

Springfield-Robertson County Chamber of Commerce
www.springfieldtennchamber.org

Donelson-Hermitage Chamber of Commerce
www.dhchamber.com/

White House Chamber of Commerce
www.whitehousetn.com/

Fairview Chamber of Commerce
www.fairview-tn.com

Williamson County-Franklin Chamber of Commerce
www.williamson-franklinchamber.com/

Gallatin Chamber of Commerce
www.gallatintn.org

Goodlettsville Chamber of Commerce
www.goodlettsvillechamber.com

Hartsville-Trousdale County Chamber of Commerce
www.hartsvilletrousdale.com/

Hendersonville Area Chamber of Commerce
www.hendersonvillechamber.net

Lebanon-Wilson County Chamber of Commerce
www.lebanonwilsontnchamber.org

Madison Chamber of Commerce
www.madisonchamber.net/

Mount Juliet-West Wilson County Chamber of Commerce
www.mtjulietchamber.com

Nashville Area Chamber of Commerce
www.nashvillechamber.com





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Please visit www.HealthCareCareerMap.org for updates to the information contained in this handbook or to request changes.

Local Elected Officials:

Bill Purcell, Mayor
Nashville and Davidson County

Nancy Allen
County Mayor
Rutherford County

Robert Dedman
County Mayor
Wilson County

Jerry Clift
County Mayor
Trousdale County

MIDDLE TENNESSEE WORKFORCE INVESTMENT BOARD (MTWIB)

(*Health Care Ad Hoc Committee)

Steve Adams
Lamont Allen
Michael Allen
Kathy Atkins
David Bartholomew
Steve Benefield
Christine Bradley
*Jim Burton, **First Vice Chair**
Tina Butner
Elbert Carter
Willie Caruth
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Martha Trammell
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