

Healthcare Diagnostics and Therapeutics

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To find faculty and staff phone numbers and email addresses, please consult the University Directory (<http://www.dixie.edu/directory/directory.php>).

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Program Descriptions

Emergency Medical Services (catalog.dixie.edu/programs/emergencymedicalservices)

The Emergency Medical Services (EMS) Program is designed to prepare students for career opportunities in pre-hospital emergency care, such as ambulance, fire department, search and rescue, law enforcement, and volunteer service. Pre-hospital emergency care involves a wide scope of activities such as recognition and management of patients with heart disease, trauma, burns, poisoning, alcohol and drug abuse, childbirth, acute psychiatric disorders, and other medical emergencies. Curricula for all EMS courses are based on the National Standard Curriculum.

Medical Laboratory Science (catalog.dixie.edu/programs/medicallaboratoryscience)

The nationally accredited Medical Laboratory Science program is a course of study leading to a Bachelor of Science in Medical Laboratory Science. Students complete a rigorous competency-based laboratory science curriculum coupled with medical community-sponsored clinical training. Graduates are prepared to pursue careers in various laboratory settings including but not limited to medical, research, and public health. Those who complete the program are eligible to take the Medical Laboratory Science national board certification examination administered by the American Society for Clinical Pathology (ASCP).

The Phlebotomy (<https://health.dixie.edu/phlebotomy>) course provides training for students to become proficient in drawing and obtaining blood and other samples for laboratory analysis. At the conclusion of the course, the student will be able to obtain blood from a vein or capillary using various methods. Students must submit documentation of criminal background check, immunization status, 5-panel drug screen, and CPR certification to the advisor prior to registering for the course.

Medical Radiography (catalog.dixie.edu/programs/medicalradiography)

This is a two-year, full-time program that prepares students to enter the health care profession as a competent entry-level radiographer. Professional competence is achieved through a blend of theoretical and practical coursework which includes didactic and clinical experience at cooperating hospitals, clinics, and doctors' offices.

Physical Therapist Assistant (catalog.dixie.edu/programs/physicaltherapy)

A physical therapist assistant (PTA) is a health care provider who works under the supervision of a physical therapist (PT). They do hands-on care for people who need to recover from injuries to the bones and joints, brain and nerves, problems with pain, developmental complications, and other movement problems. Their main purpose

is to assist people with reaching their maximum level of health and function. They help people to recover their ability to walk, to heal from wounds, and to learn to work and live with the effects of injuries and other health problems.

Respiratory Therapy (catalog.dixie.edu/programs/respiratorytherapy)

Respiratory therapists, also known as respiratory care practitioners, provide treatment, evaluation, monitoring and management of patients with breathing disorders or cardiovascular problems. Care provided by respiratory therapists may include administration of oxygen, cardiopulmonary resuscitation, management of mechanical ventilators, administering drugs to the lungs, monitoring cardiopulmonary systems and measuring lung function. Respiratory therapists treat all types of patients, ranging from premature infants whose lungs are not fully developed to elderly people with lung disease.

Surgical Technology (catalog.dixie.edu/programs/surgicaltechnology)

The goal of the Surgical Technology program is to prepare competent, entry-level surgical technologists in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains. Graduates of the program will be able to apply fundamental theoretical knowledge in the practice of surgical technology; acquire and evaluate emerging surgical knowledge; perform the roles and duties of the surgical technologist at entry-level for employment; demonstrate professional behaviors expected of surgical technologists; and demonstrate the effective use of reason and good judgment in surgical patient care situations.

Course Prefixes

- EMS, HLOC, MLS, PHLB, PTA, RADT, RESP, SURG

Emergency Medical Services (catalog.dixie.edu/programs/emergencymedicalservices)

- Associate of Applied Science in Emergency Medical Services (catalog.dixie.edu/programs/emergencymedicalservices/associate_of_applied_science_in_emergency_medical_service)
- Advanced Emergency Medical Technician – Certificate of Proficiency (AEMT)* (catalog.dixie.edu/programs/emergencymedicalservices/advanced_emt_certificate_of_proficiency)
- Emergency Medical Technician – Certificate of Proficiency (EMT)* (catalog.dixie.edu/programs/emergencymedicalservices/emt_certificate_of_proficiency)
- Paramedic Certificate of Completion (catalog.dixie.edu/programs/emergencymedicalservices/paramedic_certificate_of_proficiency_)

Health Occupations

- Associate of Applied Science in General Technology: Healthcare Emphasis (catalog.dixie.edu/programs/healthcare_diagnostics_therapeutics/associate_of_applied_science_in_general_technology_healthcare_emphasis)

Medical Laboratory Science (catalog.dixie.edu/programs/medicallaboratoryscience)

- Bachelor of Science in Medical Laboratory Science (catalog.dixie.edu/programs/medicallaboratoryscience/bachelor_of_science_in_medical_laboratory_science)
- Phlebotomy Certificate (catalog.dixie.edu/programs/medicallaboratoryscience/phlebotomy-certificate)

Medical Radiography (catalog.dixie.edu/programs/medicalradiography)

- Associate of Applied Science in Medical Radiography (catalog.dixie.edu/programs/medicalradiography/associate_of_applied_science_in_medical_radiography)

Physical Therapist Assistant (catalog.dixie.edu/programs/physicaltherapy)

- Associate of Applied Science in Physical Therapist Assistant (catalog.dixie.edu/programs/physicaltherapy/associate_of_applied_science_in_physical_therapist_assistant)

Respiratory Therapy (catalog.dixie.edu/programs/respiratorytherapy)

- Associate of Applied Science in Respiratory Therapy (catalog.dixie.edu/programs/respiratorytherapy/associate_of_applied_science_in_respiratory_therapy)

Surgical Technology (catalog.dixie.edu/programs/surgicaltechnology)

- Associate of Applied Science in Surgical Technology (catalog.dixie.edu/programs/surgicaltechnology/associate_of_applied_science_in_surgical_technology)