

Emergency Medical Technician-Paramedic (Certificate of Technical Studies)

The Certificate of Technical Studies in Paramedic is a three semester, 42 credit hour program designed to provide educational opportunities for individuals to acquire the knowledge, skills, values, and competencies for a career as a Paramedic. Graduates will receive the Certificate of Technical Studies in Paramedic and will be eligible to sit for the National Registry of Emergency Medical Technicians (NREMT) certification examination, and seek state licensure to practice as a Paramedic.

Admission Criteria

The following are minimum prerequisites requirements for admission to the Paramedic CTS program. Must earn a grade of “C” or better in the prerequisite course listed below:

Prerequisite Course	Credit Hours
BIOL 1104 Survey of Anatomy and Physiology	4

1. Possess National Registry certification and Louisiana state license at the EMT-Basic or EMT-Intermediate level.
2. Attend mandatory group advisement / information session
3. Must be admitted to the college.
4. Possess a high school diploma or equivalent.
5. Health and physical examination with immunizations/titers as required.
6. Criminal background check and drug screen.
7. Proof of health and liability insurance.
8. Meet physical and technical standards of the EMT profession.
9. Meet additional requirements as outlined by the State Bureau of EMS.
10. Must be 18 years of age or older to sit for certification examination.
11. Valid Louisiana Driver’s License.

Application Process

Admission to the Certificate of Technical Studies in Paramedic program is open to qualified applicants each fall semester. Applicants must attend a mandatory information session where detailed instructions and state and federal requirements for program admission will be discussed. Priority will be given to qualified applicants who complete and submit required documentation by the published deadline.

Students admitted to the Certificate of Technical Studies in Paramedic program will receive additional instructions regarding program requirements that include but are not limited to: submission of personal health history, a physical examination, immunizations and/or vaccinations, a urine drug screen, CPR certification and personal and professional liability insurance. Costs for all requirements are incurred by the student.

Criminal Background Check

The Louisiana Bureau of EMS Certification Commission is required to make a determination regarding the eligibility of each applicant for EMT certification, reinstatement, or the right to practice as a Paramedic student. A pardon, suspension of sentence, expungement, pretrial diversion, or similar program shall not negate or diminish the requirement for truthful compliance. Applicants who have been arrested, summonsed, charged, or convicted, should self-disclose regardless of the outcome. Failure to disclose or correctly answer questions constitutes falsification of documents and may result in denial or delay of certification.

Program Outcomes. Upon successful completion of the program, the graduate will be able to:

1. Integrate comprehensive knowledge of Emergency Medical Service systems, safety/well-being of the paramedic, and medical/legal and ethical issues, research, workplace safety and wellness, documentation and therapeutic communication which is intended to improve the health of EMS personnel, patients, and the community (Preparatory).
2. Integrate a complex depth and comprehensive breadth of knowledge of the anatomy and physiology of all human systems (Anatomy and physiology).
3. Integrate comprehensive anatomical and medical terminology and abbreviations into the written and oral communication with colleagues and other health care professionals (Medical Terminology).
4. Integrate comprehensive knowledge of pathophysiology of major human systems (Pathophysiology).
5. Integrate comprehensive knowledge of life span development (Life Span Development).
6. Apply fundamental knowledge of principles of public health and epidemiology including public health emergencies, health promotion, and illness and injury prevention (Public Health).
7. Integrate comprehensive knowledge of principles of pharmacology, medication administration, and emergency medications to formulate a treatment plan intended to mitigate emergencies and improve the overall health of the patient (Pharmacology).
8. Integrate complex knowledge of anatomy, physiology, and pathophysiology into the assessment to develop and implement a treatment plan with the goal of assuring a patent airway, adequate mechanical ventilation, and respiration for patients of all ages (Airway Management, Respiration, and Artificial Ventilation).
9. Integrate scene and patient assessment findings with knowledge of epidemiology and pathophysiology to form a field impression. This includes developing a list of differential diagnoses through clinical reasoning, history taking, secondary assessment, monitoring devices and reassessment to modify the assessment and formulate a treatment plan (Patient Assessment).
10. Integrate assessment findings with principles of epidemiology and pathophysiology to formulate a field impression and implement a comprehensive treatment/disposition plan for a patient with medical, neurology, abdominal and gastrointestinal, immunology, infectious disease, endocrine, psychiatric, cardiovascular, toxicology, respiratory, hematology, genitourinary/renal, gynecology, non-traumatic musculoskeletal, eyes, ears, nose and throat, and shock complaints (Medicine).
11. Integrate comprehensive knowledge of causes and pathophysiology into the management of cardiac arrest and peri-arrest states (Shock and Resuscitation).
12. Integrate assessment findings with principles of epidemiology and pathophysiology to formulate a field impression to implement a comprehensive treatment/disposition plan for an acutely injured patient with bleeding, chest, abdominal, genitourinary, orthopedic, soft tissue, head, facial, neck, and spine, nervous system, special considerations, environmental emergencies, and multi-system trauma (Trauma).
13. Integrate assessment findings with principles of pathophysiology and knowledge of psychosocial needs to formulate a field impression and implement a comprehensive treatment/disposition plan for patients with obstetrics, neonatal, pediatric, geriatric, and special challenges needs (Special Patient Population).
14. Demonstrate knowledge of operational roles and responsibilities to ensure safe patient, public, and personnel safety as related to operating a ground ambulance, incident management,

multiple casualty incidents, air medical, vehicle extrication, hazardous materials awareness and mass casualty incidents (EMS Operations).

[The outcomes above are based on official U.S. Department of Transportation (US DOT) National Emergency Medical Services (EMS) Education Standards (with related Instructional Guidelines). These objectives are designed to prepare students with the education and skills necessary to sit for the National Registry of Emergency Medical Technicians (NREMT) Paramedic certification examination.]

PROGRAM OF STUDY

Prerequisite Course		Credit Hours
BIOL 1104	Survey of Anatomy and Physiology	4
		4
First Semester		Credit Hours
EMSE 2004	Intro to Advanced Emergency Care	4
EMSE 2022	Airway and Ventilation	2
EMSE 2032	Patient Assessment	2
EMSE 2063	Trauma Emergencies	3
EMSE 2091	Clinical Practicum I	1
EMSE 2122	Field Practicum I	2
		14
Second Semester		Credit Hours
EMSE 2044	Medical Emergencies I	4
EMSE 2054	Medical Emergencies II	4
EMSE 2014	Concepts of Cardiac Monitoring	4
EMSE 2102	Clinical Practicum II	2
EMSE 2131	Field Practicum II	1
		15
Third Semester		Credit Hours
EMSE 2073	Special Patient Populations	3
EMSE 2081	EMS Operations	1
EMSE 2112	Clinical Practicum III	2
EMSE 2142	Field Internship III	2
EMSE 2151	Final Assessment and National Registry Preparation	1
		9
Total Program Hours		42

For additional information, contact the Nursing and Allied Health Advisor at (225) 216-8879.