



SOUTH LOUISIANA COMMUNITY COLLEGE

EMERGENCY MEDICAL TECHNOLOGY - PARAMEDIC

Program Description

The Associate of Applied Science in Emergency Medical Technology-Paramedic program is offered through the National EMS Academy. The Academy is a partnership between SLCC and Acadian Ambulance. This non-traditional degree program is designed in such a manner that participants complete an initial certification program at the National Registry EMT-Basic level. Next, learners enter the DOT National Standard EMT-Paramedic program. Upon completion of the paramedic section students can then complete the general education requirements for the Associate of Applied Science degree. This program provides students with the ability to begin work as an EMT-Paramedic while completing the program's degree requirements.

Objectives

- To enable students to acquire the general education competencies expected of an Associate of Applied Science graduate
- To provide students with the knowledge and skills necessary for achieving Louisiana State certification and National Registry as EMT-Paramedics
- To provide students with the necessary medical knowledge and skills to function as paramedics in a variety of settings

Expected Learning Outcomes

Students completing the Associate of Applied Science Degree in Emergency Medical Technology-Paramedic will:

- Demonstrate competence in written and verbal communication skills, quantitative reasoning and critical thinking
- Be able to use information technology in their personal and professional lives
- Be able to apply the knowledge gained in coursework to practice as entry-level EMT-Paramedics
- Demonstrate the skills relevant to their roles as entry-level EMT-Paramedics
- Exhibit professional behavior consistent with expectations for entry-level EMT-Paramedics

Specific Degree Requirements

General Requirements

Students wishing to earn an Associate of Applied Science in Emergency Medical Technology-Paramedic at South Louisiana Community College:

- Must attain a minimum grade of "C" in each course prescribed within the EMT-P curriculum
- Must earn at least one-half of the hours in the major through courses taken at SLCC
- Must earn a minimum of 18 hours toward the degree in residence at SLCC
- Must earn 12 of the last 18 hours of the degree program in residence at SLCC
- Must earn a minimum cumulative grade point average of 2.0 on all courses applied to the degree as well as an adjusted SLCC cumulative grade point average of 2.0
- May repeat only three courses in the EMT-P curriculum and then only twice. Upon receipt of a second grade of "D," "F," or "NC" in a course, the student will not be permitted to continue in the EMT-P curriculum
- Must provide evidence of hospitalization insurance to the EMT-P departmental office during the first week of the semester when enrolled in clinical/field practicum
- Must adhere to policies prescribed by each clinical agency when involved in clinical or field experiences at that agency
- Must provide evidence of current CPR certification at the beginning of each practicum
- Must arrange transportation to and from hospitals, ambulance stations, or any other assigned areas for clinical laboratory practice



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- Must achieve an adjusted cumulative grade point average of 2.0 in the EMT-B curriculum
- Must provide the EMT-P Department with a physician-completed EMT-P medical examination report form and the accompanying labwork
- Must purchase the required EMT-P class and clinical/field uniform(s) and equipment
- Must assume the cost of the National Registry of EMT's EMT-Basic examination and Louisiana state certification fees

Emergency Medical Technician – Paramedic*

- Must achieve an adjusted cumulative grade point average of 2.0 in the EMT-P curriculum
- Must be currently registered as an EMT-Basic with the Louisiana Bureau of EMS
- Must have a current EMT-P medical examination report on file with the EMT-P Departmental office
- Must purchase the required EMT-P class and clinical/field uniform(s) and equipment
- Must assume the cost of the National Registry of EMT's EMT-Paramedic examination and Louisiana state certification fees

***The EMT-P Department reserves the right to limit enrollment in EMT-P courses to insure the efficient use of resources. When enrollment is limited, students will be selected by academic ranking according to grade point average in the EMT-P curriculum.**

Special Conditions

Due to the nature of the Emergency Medical Services and the requirements placed on training by State and National agencies, the classroom, laboratory, clinical, and field experience hours may exceed those expected for the credit awarded that course.

Employment opportunities may be limited for students with back problems or other medical or physical conditions which limit ability to lift or function in long periods of physical exertion (such as patient movement and cardiopulmonary resuscitation).

Curriculum Structure

General Education Requirements (21 hours)*

- English (6 hours)
- Mathematics (3 hours)
- Natural Science (3 hours)
- Social/Behavioral Science (3 hours)
- Communication Elective (3 hours)
- Fine Arts (3 hours)

Courses in the Major (44 hours)

EMT-P courses as listed in the Catalog

Other Required Courses

EMTP 2011, 2012 and 2013 Human Anatomy and Physiology for the Paramedic

TOTAL HOURS: 69

*Computer literacy requirement is satisfied through courses in the major.



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<u>General Education Courses</u>	<u>Credits</u>
BIOL 1010 General Biology I	
or	
BIOL 1020 General Biology II.....	3
BIOL 2017 Survey of Human Anatomy & Physiology.....	4
CMCN 1010 Fundamentals of Human Communication	
or	
CMCN 1040 Public Speaking.....	3
ENGL 1010 Rhetoric and Composition.....	3
English Elective ²	3
MATH 1010 College Algebra.....	3
Social/Behavioral Science Elective ¹	3
Arts Elective ³	3
<u>Basic Level EMT-P Courses</u>	
EMTP 1010 Basic Emergency Care.....	5
EMTP 1020 Basic Clinical & Field Internship.....	2
<u>Advanced Level EMT-P Courses</u>	
EMTP 2011 Anatomy and Physiology for Paramedics 1 ⁴	1
EMTP 2020 Introduction to Advanced Emergency Care.....	2
EMTP 2100 Pharmacology in Emergency Care.....	3
EMTP 2101 Pharmacology Clinical Rotation.....	1
EMTP 2012 Anatomy and Physiology for Paramedics 2 ⁴	1
EMTP 2090 Paramedic Special Skills.....	4
EMTP 2091 Paramedic Special Skills Clinical Rotation.....	1
EMTP 2030 Advanced Emergency Cardiac Care.....	5
EMTP 2031 Advanced Emergency Cardiac Care Clinical Rotation.....	1
EMTP 2060 Acute Medical Emergencies.....	3
EMTP 2061 Acute Medical Emergencies Clinical Rotation.....	1
EMTP 2013 Anatomy and Physiology for Paramedics 3 ⁴	1
EMTP 2050 Advanced Emergency Obstetrics/Pediatrics.....	3
EMTP 2051 Advanced Emergency Obstetrics Clinical Rotation.....	1
EMTP 2040 Advanced Trauma Care.....	4
EMTP 2041 Advanced Trauma Care Clinical Rotation.....	1
EMTP 2080 Advanced Clinical Field Internship.....	4

TOTAL HOURS REQUIRED FOR DEGREE 69

¹Choose Social/Behavioral Science Elective from ECON, POLS, PSYC, and SOCI.

²Course to be chosen in consultation with EMTP Department Head.

³Choose Arts Elective from MUSC, THTR, and VIAR.

⁴This course is not required if the student has successfully completed an equivalent college-level anatomy and physiology course.



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Note: All courses in the EMT-P curriculum must be passed with a grade of “C” or better. The student must maintain a 2.00 cumulative grade point average to remain in the EMT-P curriculum. All EMT-P courses must be taken in the order listed above.

**All courses in all degree programs are to be selected in consultation with the advisor.*

EMERGENCY MEDICAL TECHNOLOGY - PARAMEDIC

EMT-P 1010. Basic Emergency Care (4-3-5). Entry level emergency medical technology-paramedic course in which the emergency medical service system, the role and responsibilities of the Emergency Medical Technician, basic cardiac life support, and the pathology, assessment, and the care of the traumatized or acutely ill patient are discussed. Skills in patient assessment, soft tissue injury care, splinting, cardiopulmonary resuscitation, use of the medical antishock trousers, patient packaging, extrication, patient movement, and radio communication are taught. Coreq: EMTP 1020.

EMT-P 1020. Basic Clinical and Field Internship (0-4-2). Designed to provide the student with experiences in the clinical and field setting. The emphasis is on application of basic skills. Coreq: EMT-P 1010.

EMT-P 2011. Anatomy and Physiology for Paramedics 1 (2-2-3). Part 1 of the human anatomy, physiology, and pathophysiology content required by the Department of Transportation for the EMT-Paramedic student. This course covers . Prereq: EMT-P 1010 and 1020.

EMT-P 2012. Anatomy and Physiology for Paramedics 2 (2-2-3). Part 2 of the human anatomy, physiology, and pathophysiology content required by the Department of Transportation for the EMT-Paramedic student. This course covers . Prereq: EMT-P 2100.

EMT-P 2013. Anatomy and Physiology for Paramedics 3 (2-2-3). Part 3 of the human anatomy, physiology, and pathophysiology content required by the Department of Transportation for the EMT-Paramedic student. This course covers . Prereq: EMT-P 2060.

EMT-P 2020. Introduction to Advanced Emergency Care (2-0-2). Includes components of EMS, EMS legislation, roles and responsibilities, ethics, and stress management. Prereq: EMTP 2011.

EMT-P 2030. Advanced Emergency Cardiac Care (4-3-5). A study of the pathophysiology, assessment and current modalities of care for the cardiac patient. The course will include classroom, laboratory, and clinical experience and will address the advanced skills of cardiac monitoring, EKG interpretation, defibrillation/cardioversion, and pharmacologic intervention. Prereq: EMT-P 2090.

EMT-P 2031. Advanced Emergency Cardiac Care Clinical Rotation (0-4-1). The clinical companion course to EMTP 2030 designed to provide the student with opportunities to apply advanced skills covered in the classroom section. Prereq: EMT-P 2030.

EMT-P 2040. Advanced Trauma Care (4-3-5). A study of the pathophysiology, assessment, and current modalities of care for traumatic injuries and multisystems trauma. The course will include classroom, laboratory, and clinical experience addressing the advanced skills of triage, injury prioritizing, fluid resuscitation as well as the basic skills of trauma care. Prereq: EMT-P 2050.

EMT-P 2041. Advanced Trauma Care Clinical Rotation (0-4-1). The clinical companion course to EMTP 2040 designed to provide the student with opportunities to apply advanced skills covered in the classroom section. Prereq: EMTP 2040.



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EMT-P 2050. Advanced Emergency Obstetrics/Pediatrics (1-3-2). A presentation addressing the process of childbirth and pediatric emergency care including: normal childbirth, prepartum complications, postpartum complications, the neonate, and childbirth emergencies. Legal considerations concerning sexual assault and child abuse are also presented. Co req: EMTP 2013. Prereq: EMT-P 2060.

EMT-P 2051. Advanced Emergency Obstetrics Clinical Rotation (0-4-1). The clinical companion course to EMTP 2050 designed to provide the student with opportunities to apply advanced skills covered in the classroom section. Prereq: EMTP 2050.

EMT-P 2060. Acute Medical Emergencies (2-3-3). Presentation of the pathophysiology, assessment, and modalities of care for common medical emergencies including those related to drug abuse, drug overdose, poisoning, stroke, epilepsy, diabetes, the acute abdomen, etc. Prereq: EMT-P 2030.

EMT-P 2061. Advanced Medical Emergencies Clinical Rotation (0-4-1). The clinical companion course to EMTP 2060 designed to provide the student with opportunities to apply advanced skills covered in the classroom section. Prereq: EMTP 2060.

EMT-P 2080. Advanced Clinical Field Internship (0-24-4). A final clinical practicum designed to allow the student to function in the full capacity of the EMT-Paramedic in both pre-hospital and hospital settings. Prereq: Completion of all EMT-P level courses.

EMT-P 2090. Paramedic Special Skills (3-2-4). A presentation of special skills associated with prehospital emergency medical care such advanced airway management, patient assessment and communications. Coreq: EMTP 2012. Prereq: EMT-P 2100.

EMT-P 2091. Paramedic Special Skills Clinical Rotation (0-4-1). The clinical companion course to EMTP 2090 designed to provide the student with opportunities to apply advanced skills covered in the classroom section. Prereq: EMTP 2090.

EMT-P 2100. Pharmacology in Emergency Care (2-3-3). Includes general pharmacology, dosage calculation, methods of administration, and commonly used emergency drugs. Prereq: EMT-P 2020.

EMT-P 2101. Pharmacology Clinical Rotation (0-4-1). The clinical companion course to EMTP 2100 designed to provide the student with opportunities to apply advanced skills covered in the classroom section. Prereq: EMTP 2100.