

## Paramedic - Associate in Applied Science

Applicants must possess a current Alabama EMT or AEMT license and have completed ENG 101 and BIO 201 with a "C" or >. Paramedic applications are accepted each spring and are found at [www.calhoun.edu/ems](http://www.calhoun.edu/ems). Admission is a competitive; preference is given to applicants progressing thru EMS at CCC.

**NOTE:** Clinical hours for courses are minimum clock hours. Students are required to achieve minimum competencies in each class. Additional hours may be required to achieve minimum competency.

**The Emergency Medical Services (EMS) program** utilizes nationally recognized standards to provide students with knowledge about the critical differences between the physiology, pathophysiology, and clinical symptoms of infants, children, adolescents, adults, and the elderly as they relate to pre-hospital emergency care situations, and with the skills used in the care of these patients. EMS education includes legal/ethical considerations and treatment modalities/protocols within the scope of practice of the Emergency Medical Technician (EMT), Advanced Emergency Medical Technician (AEMT), and Paramedic (NRP). The goal of the EMS program is to prepare competent entry-level EMTs, AEMTs, and Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains.

Students enrolled in EMS programs may earn certificates or an Associate of Applied Science degree in Emergency Medical Services. The first certificate of completion is the EMT level, the second is the Advanced EMT level (AEMT). Paramedic level students may choose to pursue a long certificate or an AAS degree. Upon successful completion of each level, the student is eligible to apply to take the National Registry Examination at their respective level of training. Successful completion of the exam is required for state licensure in Alabama as an EMT, AEMT, and Paramedic.

As vital members of the EMS team, EMTs provide pre-hospital emergency care to ill and injured patients, continuing that care until the patient is under the care of a higher level of licensure. EMTs have the knowledge and skills to provide basic life support to all patients whether the problem is trauma, cardiac, or medical. EMTs splint fractures, bandage wounds, and stabilize a patient for transport to a medical facility. AEMTs establish IV lines, insert blind intubation devices and can administer certain medications. Paramedics are the highest level of pre-hospital care in the EMS system. Paramedics record and interpret EKG findings, treat cardiac arrest with defibrillation and cardioversion, reduce shock by IV fluid administration, provide ventilation and airway protection by endotracheal intubation and administer pharmacological therapy. Paramedics serve as team leaders on EMS units.

Graduates of the EMS program find employment with ambulance services, hospitals, fire departments, rescue squads and in industrial safety. Other opportunities for employment include emergency clinics, insurance companies, fire service agencies and law enforcement agencies.

The curriculum plans for EMT, AEMT, and Paramedic adhere to the National EMS Education Standards as developed by the National Highway and Traffic Safety Administration and meet the approval of the Alabama Department of Public Health, Office of Emergency Medical Services. EMS courses are open to students who meet general admission and entry-level requirements. All students must complete the ACCUPLACER or ACT prior to admission into an EMS program. EMS students must be certified in CPR at the Health Care Provider level or equivalent and have completed the OSHA Blood borne Pathogens class before entering clinical areas. Passing score for EMS courses is 75%.

To be eligible for clinical training, students must attend a clinical orientation session. Dates, time and location of clinical orientation sessions are published each semester. It is highly recommended that all students applying to the paramedic program attend an information session; dates and times posted on EMS website.

Estimated program costs for EMT, AEMT, and Paramedic can be found on the program website

More EMS program information, including policies on transfer credit, advanced placement, and experiential learning credit, can be found on the website or by contacting the allied health secretary at 256-306-2786 or Program Director Tyler Mosley at 256-306-2978 / E-mail: richard.mosley@calhoun.edu

## **ELIGIBILITY CRITERIA**

Enrolled EMS students are required to successfully complete both the academic and clinical requirements of the program to graduate. The EMS program has a list of Eligibility Criteria which outline the cognitive, affective, and psychomotor skills deemed as minimally necessary for admission, progression, graduation, and the provision of safe patient care. If a student cannot demonstrate the skill and abilities delineated in the Eligibility Criteria, it is the responsibility of the student to request appropriate accommodations through the CCC Office of Student Disability Services. The EMS program Eligibility Criteria can be found on the EMS website.

Students accepted for enrollment in Paramedic courses must also:

1. Have completed the ACT or ACCUPLACER
2. Meet all institutional admission requirements
3. Successfully complete Basic Cardiac Life Support for the Healthcare Provider
4. Submit to a physical examination by a licensed MD, DO or CRNP to include:
  - a. Written documentation (on a form provided by the program) of the examiner's opinion regarding the prospective student as follows:
    - the emotional and physical ability to carry out the normal activities of pre-hospital emergency care
    - compliance with the EMS Eligibility Criteria
    - a health history
  - b. Current immunizations to include:
    - Tetanus D within past 10 years
    - MMR vaccine prior to 1969 or rubella titer 1.8 or >
    - Two step TB skin test (chest x-ray if positive)
    - Hepatitis B vaccine series, positive hepatitis B titer or signed waiver of vaccination refusal
    - Appropriate influenza vaccine for clinical courses SP/FA semesters
  - c. Visual / auditory / verbal ability to include:
    - vision corrected in one eye to 20/20 (students who desire to drive an ambulance must also possess approx. 180 degrees of peripheral vision capacity)
    - color perception
    - ability to send and receive verbal messages
5. Purchase current professional liability insurance thru the health division
6. Submit proof of health/hospitalization/accident insurance or a signed waiver of release of liability
7. Submit to a background check and drug screen, at the student's expense, completed by college selected agencies. Both must be negative as defined in Division policies.

8. All entering paramedic students must have a minimum cumulative GPA of 2.0 or >
9. All students entering paramedic courses must possess an unencumbered Alabama EMT or AEMT license and have successfully completed BIO 201 prior to registration.

### **Licensure**

Program graduates are required to comply with specific licensure requirements as set forth by the National Registry of EMTs and the Alabama Department of Public Health to become licensed as an EMT, AEMT, or Paramedic. Situations that may affect licensure compliance include, but are not limited to:

1. Not being 18 years of age or older;
2. Convicted of any criminal act, incl. DUI convictions;
3. Addicted to the use of intoxicating liquors or controlled substances at present or in the past;
4. Not possessing 180-degree peripheral vision capacity.

### **Readmission**

A student may be readmitted to an EMS course one time following a failure due to poor academic performance or a withdrawal. A student will not be readmitted to the EMS program if he/she has been removed from class or a clinical rotation due to unprofessional behavior or patient endangerment. Students who return following a failure or withdrawal are considered to be using their second and final opportunity to complete the EMS program. Readmission of eligible students is based on the availability of space.

Readmission requirements:

1. Written notification at least one month in advance to the EMS program director that the student desires to reenter the program.
2. A current minimum cumulative grade point average of 2.0.
3. For paramedic courses, no longer than twelve (12) months may elapse between completion of an EMS paramedic course and enrollment in subsequent courses.

Students in the Health Division are readmitted under the CCC Catalog in effect the year of readmission.

When there is probable cause, the Allied Health Department reserves the right to require a prospective student, a student currently enrolled in a program, or a returning student to submit to psychological testing/ counseling, drug and/or alcohol screening and/or a physical examination by a licensed physician at the student's expense and to submit a report of the outcomes to the AH Dept. The AH Dept. will provide a specific form for this purpose, when applicable. All reports will be reviewed by the AH Dept. to determine if a student may be admitted, readmitted, or retained in EMS courses.

In conjunction with CCC Workforce Solutions, continuing education courses may be offered by request. Those interested should contact the EMS office at 256/306-2786.

Policies for the EMS program are subject to change at any time. Written notice will be given to students enrolled in EMS courses prior to implementation of policy change.

The CCC Paramedic Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), 1361 Park Street, Clearwater, Florida 33756, phone (727) 210-2350, www.caahep.org upon the recommendation of Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP), 8301 Lakeview Parkway, Suite 111-312, Rowlett, Texas 75088, phone (214) 703-8445 www.coaemsp.org

\*CPR is required in the first semester if not already certified at the professional level

**Program:** Emergency Medical Services

**Program Code:** AAS-EMS

**CIP:** 51.0904

**Type:** A.A.S.

## EMT (one semester)

Item #	Title	Credits
EMS 118	Emergency Medical Technician	9
EMS 119	Emergency Medical Technician Clinical	1
EMS 100 (Optional)	EMS 100 : Cardiopulmonary Resuscitation I	1
EMS 107	Emergency Vehicle Operator Ambulance	1
ENG 101	English Composition I	3
<b>Sub-Total Credits</b>		<b>13</b>

## AEMT (one semester)

Item #	Title	Credits
EMS 155	Advanced Emergency Medical Technician	7
EMS 156	Advanced Emergency Medical Technician Clinical	2
BIO 201	Human Anatomy and Physiology I	4
<b>Sub-Total Credits</b>		<b>13</b>

## Paramedic – First Semester (SUMMER)

Item #	Title	Credits
EMS 241	Paramedic Cardiology	3
EMS 242	Paramedic Patient Assessment	3
EMS 257	Advanced Pharmacology	2
EMS 244	Paramedic Clinical I	1
SPH 106	Fundamentals of Oral Communication	3
	HUM Elective (Ethics preferred)	3
<b>Sub-Total Credits</b>		<b>14</b>

## Paramedic – Second Semester (FALL)

Item #	Title	Credits
EMS 245	Paramedic Medical Emergencies	3
EMS 246	Paramedic Trauma Management	3
EMS 247	Paramedic Special Populations	2
EMS 248	Paramedic Clinical II	3
MTH 100	Intermediate College Algebra	3
BIO 202	Human Anatomy and Physiology II	4
	<b>Sub-Total Credits</b>	<b>18</b>

## Paramedic - Third Semester (SPRING)

Item #	Title	Credits
EMS 253	Paramedic Transition to the Workforce	2
EMS 254	Advanced Competencies for the Paramedic	2
EMS 255	Paramedic Field Preceptorship	5
EMS 256	Paramedic Team Leadership	1
PSY 200	General Psychology	3
	<b>Sub-Total Credits</b>	<b>13</b>
	Total credits for degree:	71