

Awards

Associate Degree:	Emergency Medical Science (A45340)
Length of Program:	5 Semesters
Prerequisite:	High School Diploma/GED, 1 Unit Biology, ENG-025, MAT-025 or placement test (no more than 1 year old at the time of application), and valid driver's license.
Diploma:	Not Applicable
Certificate:	Emergency Medical Science (C45340)
Length of Program:	1 Semester
Prerequisite:	High School Diploma/GED, 1 Unit Biology, ENG-025 or or Placement Test Equivalent
Certificate:	Emergency Medical Science (C45340H1)
Length of Program:	2 Semesters
Prerequisite:	1 Unit Biology, High School equivalency or validated exam assessing the reading comprehension equivalent to an eleventh-grade level, 17 years of age on or before the official end date of the program, valid driver's license.
EMS Bridge:	Emergency Medical Science (A45340B)
Length of Program:	2 Semesters
Prerequisite:	High School Diploma or GED, 1 Unit Biology, ENG-025 or Placement Test Equivalent. Current National Registry or North Carolina Paramedic Certification; Current CPR Certification.

Program Information Contact

Curriculum Chairperson

Aimee Penebacker, BS, RN, NRP
(910) 678-0054

Health Technologies Center, Room 169-M
penebaca@faytechcc.edu
www.faytechcc.edu

License or Certification Information:

North Carolina Office of EMS, 1201 Umstead Drive,
Raleigh, NC 27603

National Registry of Emergency Medical
Technicians, PO Box 29233, Columbus, OH 43229

Rev. 03/14/25

Other Important Information

Application Deadlines: The program is designed for a student to enter during the fall semester. A student may enter at other times with approval of the Department Chairperson. Students should apply by January 30th. Specific health program admission requirements must be met before a student is eligible for admission.

Scholarship/Title IV Financial Aid/VA Services: Scholarships/Title IV Financial Aid/Veteran's assistance may be available for associate degrees. Certificates and diplomas that fall under this program/area of study **may or may not be eligible** for Scholarship/Title IV Financial Aid/VA Services. Please contact the Financial Aid Office, Student Center, Room 2; Telephone (910) 678-8242. Veterans Services, General Classroom Building, Room 202, (910) 678-8580.

Allied Health Technologies NC SARA Statement: The Emergency Medical Science Program is designed to meet the educational requirements for paramedic certification through the North Carolina Office of Emergency Medical Science and the National Registry of Emergency Medical Technicians. For more information, please visit our program webpage at <https://www.faytechcc.edu/academics/health-programs/emergency-medical-science/>.

FTCC

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EMERGENCY MEDICAL SCIENCE



www.faytechcc.edu

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Community College*

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Fayetteville, NC 28303

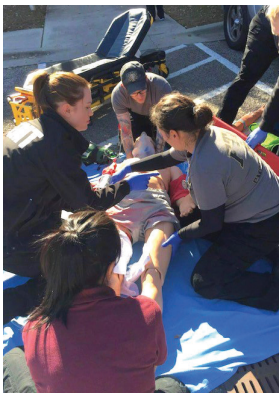
An Equal Opportunity Employer

PROGRAM FACT SHEET EMERGENCY MEDICAL SCIENCE (A45340)



The Emergency Medical Science curriculum is designed to prepare graduates to enter the workforce as paramedics. Additionally, the program can provide an Associate Degree for individuals desiring an opportunity for career enhancement.

The course of study provides the student an opportunity to acquire basic and advanced life support knowledge and skills by utilizing classroom instruction, practical laboratory sessions, hospital clinical experience, and field internships with emergency medical service agencies.



Students progressing through the program may be eligible to apply for state certification exams. Employment opportunities include ambulance services, fire and rescue agencies, air medical services, specialty areas of

hospitals, industry, educational institutions, and governmental agencies.

FAYETTEVILLE TECHNICAL COMMUNITY COLLEGE EMERGENCY MEDICAL SCIENCE (A45340)

Effective: Fall 2025

Revised: 03/14/25

Length: 5 Semesters

Prerequisite: High School/GED, 1 Unit Biology, ENG-025, MAT-025 or placement test (no more than 1 year old at the time of application), and valid driver's license.

Award: Associate in Applied Science

FALL SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
BIO	168	Anatomy & Physiology I	3	3	0	4
EMS	110	EMT	6	6	3	9
MED	120	Survey of Med Terminology	2	0	0	2
or						
OST	141	Med Terms I-Med Office	3	0	0	3
and						
OST	142	Med Terms II-Med Office	3	0	0	3
		EMS Elective	1	3	0	2
TOTALS			12	12	3	17

SPRING SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
BIO	169	Anatomy & Physiology II	3	3	0	4
EMS	122	EMS Clinical Practicum I	0	0	3	1
EMS	130	Pharmacology	3	3	0	4
EMS	131	Adv Airway Management	1	2	0	2
EMS	160	Cardiology I	2	3	0	3
TOTALS			9	11	3	14

SUMMER SEMESTER 1

Prefix	No.	Title	Class	Lab	Clinical	Credit
EMS	210	Adv Patient Assessment	1	3	0	2
EMS	221	EMS Clinical Practicum II	0	0	6	2
EMS	240	Patients w/Spec Challenges	1	2	0	2
EMS	260	Trauma Emergencies	1	3	0	2
TOTALS			3	8	6	8

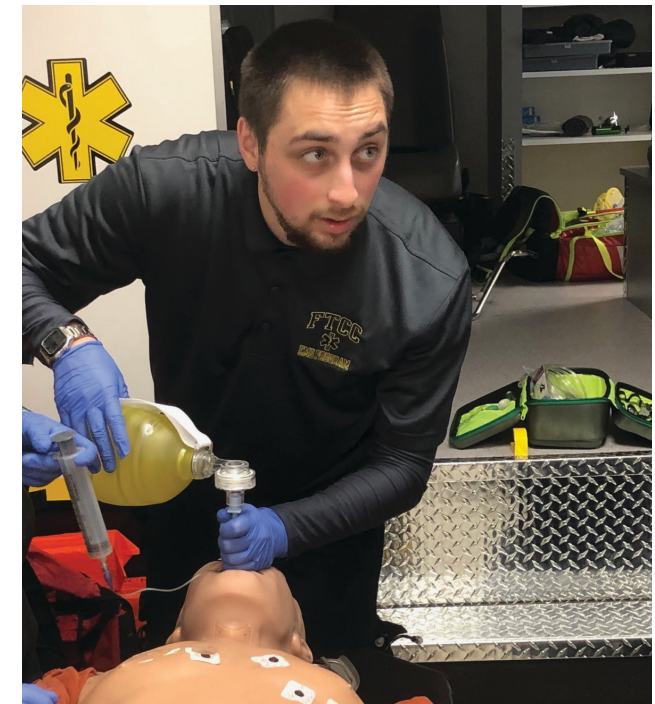
FALL SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
COM	120	Intro Interpersonal Com	3	0	0	3
or						
COM	231	Public Speaking	3	0	0	3
EMS	220	Cardiology II	2	3	0	3
EMS	231	EMS Clinical Practicum III	0	0	9	3
EMS	250	Medical Emergencies	3	3	0	4
EMS	270	Life Span Emergencies	3	3	0	4
TOTALS			11	9	9	17

SPRING SEMESTER 2

Prefix	No.	Title	Class	Lab	Clinical	Credit
EMS	241	EMS Clinical Practicum IV	0	0	12	4
EMS	285	EMS Capstone	1	3	0	2
ENG	111	Writing and Inquiry	3	0	0	3
PSY	150	General Psychology	3	0	0	3
		Humanities/Fine Arts Elec	3	0	0	3
TOTALS			10	3	12	15

TOTAL REQUIRED CREDITS....71



Work-Based Learning Option: NA

Students with a felony conviction may have limited EMS employment opportunities.

*Note: Students **may not** take an introductory foreign language to fulfill the Humanities/Fine Arts requirement.

Refer to the FTCC website for the most current information. Go to www.faytechcc.edu and click on College Catalog.