AB Tech Community College

2025 - 2026
Emergency Medical Science
Associate in Applied Science Degrees

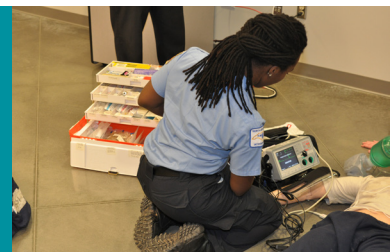MULTIPLE LOCATIONS | VARIED SEMESTER LENGTHS | NUMEROUS PROGRAMS | FINANCIAL AID

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Emergency Medical Science

The Emergency Medical Science curriculum provides individuals with the knowledge, skills and attributes to provide advanced emergency medical care as a paramedic for critical and emergent patients who access the emergency medical system and prepares graduates to enter the workforce.

Students will gain complex knowledge, competency, and experience while employing evidence based practice under medical oversight, and serve as a link from the scene into the healthcare system.

Graduates of this program may be eligible to take state and/or national certification examinations.

Employment opportunities include providers of emergency medical services, fire departments, rescue agencies, hospital specialty areas, industry, educational and government agencies.

"To prepare competent entry-level Paramedics in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains".

Specific Requirements

1. General college admission requirements:
   a. Complete application for admission.
   b. Meet with your advisor to discuss placement options.
   c. Official transcript of any prior college credit on file with admissions office.
2. Must be 18 years of age by the end of the first semester of the program.
3. Current N.C. driver's license.
4. Acceptable reports of medical examinations and immunizations.
5. Criminal background checks will be required prior to admission to clinical sites.

Career Opportunities in Emergency Medical Science

A.A.S. Degree   National Salary Range: $36,700 - $57,000
Emergency Medical Services, Hospitals, Urgent Care Clinics, Physicians' Offices, Private Ambulance Companies

Salaries may vary based on size of business and other factors.

For More Information:
Contact Madelyn Johnson by email at madelyndjohnson@abtech.edu

Total Cost Estimate

Tuition per Semester (NC Resident)	$1,216.00 (16+ credit hours) $76.00/credit hour (1-15 hours)
Computer Use and Technology Fee	$48/semester
Activity Fee	Fall and Spring semesters only, Main campus and Online, $35.00
CAPS Fee (Campus Access, Parking and Security)	$20/semester
Matriculation Fee	$10/semester
Student Insurance	$2/Semester

Additional Fees including books may incur, please check A-B Tech website for more detail: https://abtech.edu/program/emergency-medical-science-aas-associate-applied-science-cost-estimate

Have you applied for Financial aid? Please visit A-B Tech website for instructions: https://abtech.edu/future-students/financial-aid/applying-aid

Courses requiring a grade of "C" or better: ACA, BIO, EMS, MED

Course Prefix		Course Name	Credit Hours
First Semester (Fall)			
ACA	115	Success & Study Skills	1
EMS	110	EMT	9
EMS	150	Emergency Vehicles and EMS Comm	2
ENG	111	Writing and Inquiry	3
MAT	110	Mathematical Measurement	3
MED	120	Survey of Med Terminology	2
Second Semester (Spring)			
BIO	163	Basic Anatomy & Physiology	5
EMS	122	EMS Clinical Practicum I	1
EMS	130	Pharmacology	4
EMS	131	Advanced Airway Management	2
EMS	160	Cardiology I	3
Third Semester (Summer)			
EMS	210	Advanced Patient Assessment	2
EMS	220	Cardiology II	3
EMS	221	EMS Clinical Practicum II	2
EMS	240	Patients W/ Special Challenges	2
Fourth Semester (Fall)			
EMS	231	EMS Clinical Pract III	3
EMS	250	Medical Emergencies	4
EMS	260	Trauma Emergencies	2
EMS	270	Life Span Emergencies	4
ENG	114	Prof Research & Reporting	3
Fifth Semester (Spring)			
EMS	140	Rescue Scene Management	2
EMS	241	EMS Clinical Practicum IV	4
EMS	285	EMS Capstone	2
PHI	240	Introduction to Ethics	3
SOC	225	Social Diversity	3
		Program Totals:	**74**

Credit for EMS-110 will be given for a current unrestricted North Carolina Emergency Medical Technician Certification (NC EMT) or current unrestricted National Registry Emergency Medical Technician Certification (NR EMT).

Certificate Available:
Basic Emergency Medical Science Certificate
For more information, please visit:
https://abtech.edu/programs/academic/emergency-medical-science