

EMERGENCY MEDICAL SERVICES, A.A.S.

The **Emergency Medical Services degree** includes theory and techniques of firefighting, inclusive of the Emergency Medical Technician curriculum, required by most fire departments. The program focuses on emergency medical services and the administration of those services in any setting. After completion of the degree and all of the objectives of the Illinois Department of Public Health are passed, the student is allowed to take the State of Illinois Paramedic Licensing exam.

For more information about Fire Science, please visit the program page (<http://www.cod.edu/fire/>).

Degree Requirements

Field of Study Code: FIRE.AAS.EMS

Code	Title	Credits
Program Requirements		
ANAT 1500	Survey of Human Anatomy and Physiology	4
ENGLI 1101	English Composition I	3
HLTHS 1110	Biomedical Terminology	3
SPEEC 1100	Fundamentals of Speech Communication	3
FIRE 2278	Paramedic I	12
FIRE 2279	Paramedic II	12
FIRE 2280	Paramedic III	12
General Education		
Three credits any Social/Behavioral Science Course (1100 or higher)		3
Three to five credits in a Mathematics course (1100 or higher) ¹		3-5
Three credits in a Humanities/Fine Arts course (1100 or higher)		3
Program Electives		
Select six credit hours from the following 2000-level Fire Science courses:		6
FIRE 2272	Paramedic Transition	
FIRE 2285	Trauma Assessment	
FIRE 2286	Pediatric Education for Prehospital Professionals	
FIRE 2287	Differential Medical Assessment	
Total Credits		64-66

¹ Except for MATH 1104 Mathematics for Horticulture or MATH 1120 Mathematical Foundations for Diagnostic Medical Imaging Sonographers.

General Education Requirements

For general education requirements for the A.A.S. degree, please visit the A.A.S. degree catalog page (<https://catalog.cod.edu/associate-degree-programs/associate-applied-science-degree/>).

Suggested Semester Sequence

Course	Title	Credits
First Semester		
Elective	Program Elective	3

Elective	Program Elective	4
ENGLI 1101	English Composition I	3
ANAT 1500	Survey of Human Anatomy and Physiology	4
Credits		14
Second Semester		
SPEEC 1100	Fundamentals of Speech Communication	3
Gen Ed	Mathematics (https://catalog.cod.edu/educational-opportunities/#math) ¹	3-5
HLTHS 1110	Biomedical Terminology	3
Gen Ed	Social and Behavioral Sciences (https://catalog.cod.edu/educational-opportunities/#social-behavioral)	3
Gen Ed	Humanities and Fine Arts (https://catalog.cod.edu/educational-opportunities/#humanities-fa)	3
Credits		15-17
Third Semester		
FIRE 2278	Paramedic I	12
Credits		12
Fourth Semester		
FIRE 2279	Paramedic II	12
Credits		12
Fifth Semester		
FIRE 2280	Paramedic III	12
Credits		12
Total Credits		65-67

¹ Any Math Course, MATH 1100 Business Mathematics or higher, (except MATH 1104 Mathematics for Horticulture or MATH 1120 Mathematical Foundations for Diagnostic Medical Imaging Sonographers).

² Pre-admission requirements: FIRE 2271 Emergency Medical Technician (EMT) with a Grade of B or higher. (Completion of FIRE 2271 Emergency Medical Technician (EMT) requires one additional semester.)

³ Completed FIRE 2278 Paramedic I with a grade of 80% or better, or consent of Instructor.

Program Milestones

First Semester

- Consider joining or visiting with a professional, cultural or interest-based Student Club (http://cod.edu/student_life/clubs_org/).

Second Semester

- If you have not done so yet this semester, it is important to make an appointment with a Faculty or Program Advisor (<https://www.cod.edu/academics/programs/fire/contact.aspx>) to discuss your future academic progress.

This page lists programs related to one another.

- Emergency Medical Technician, Certificate (<https://catalog.cod.edu/programs-study/fire-science/emergency-medical-technician-certificate/>)
- Fire Fighter, Certificate (<https://catalog.cod.edu/programs-study/fire-science/fire-fighter-certificate/>)
- Fire Science Technology, A.A.S. (<https://catalog.cod.edu/programs-study/fire-science/fire-science-technology-aas/>)

2 *Emergency Medical Services, A.A.S.*

- Paramedic, Certificate (<https://catalog.cod.edu/programs-study/fire-science/paramedic-certificate/>)