



Emergency Medical Services/Fire Science A.T.S 2018–2019

DESCRIPTION:

In many areas, emergency medical services are provided through fire service agencies. This unique Associate of Technical Studies degree provides the student with the opportunity to combine these two professions into a degree with specific preparation for entering or advancing in such agencies.

The Associate of Technical Studies degree offers the Paramedic Certificate. This certificate is accredited by the Ohio Department of Public Safety, Division of EMS (certificate # 311) and the Committee on Accreditation of Allied Health Programs (www.caahep.org) upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP # 600009).

NOTE: If you currently have EMT, Paramedic, Firefighter I and II and/or Apprenticeship certifications, you may qualify for Nontraditional Credit (“N”) which may apply toward the degree. Contact EMS Technology faculty (email: ems@csc.edu) to determine your individual status.

ADMISSION REQUIREMENTS:

This degree has three pre-requisites embedded as students’ progress. Students must complete the **EMT Certificate** and then pass the State/National EMT Certificate written and practical exams. By state law a student must be certified as an Ohio EMT before enrolling in any Ohio Paramedic Certificate program. In addition to the EMT certification as above, students must also complete the **EMS 1002 (Paramedic Preparation Course)** and a pretesting process, which includes the FISDAP Paramedic Entrance Examination. Students must also complete the State of Ohio Firefighter 1 & 2 Certificate prior to taking fire related degree courses.

Good mental and physical health is critical in emergency services; therefore, students must have a physical examination, meet the program health requirements and be covered by the EMT-student liability insurance. To meet clinical affiliation agreement

requirements, students in EMT, Paramedic, and Firefighter 1 & 2 courses must successfully complete a background check, which includes fingerprinting and drug screening.

ONGOING REQUIREMENTS:

Students must successfully complete each of the five part Paramedic Certificate Program to progress to the following one. Students must maintain the minimum overall GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

Career:

Career and employment opportunities include private and municipal fire agencies, hospitals, security companies, and private and municipal ambulance services.

Transfer:

Coursework may apply to the B.A. in Public Safety Management (Franklin University), B.S. in Fire and Safety Engineering (University of Cincinnati), B.S.A. in Applied Management Partnership (Ohio University), as well as other institutions.

DEGREE REQUIREMENTS (EMERGENCY MEDICAL SERVICES/FIRE SCIENCE A.T.S.):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
COLS1100 First Year Experience Seminar	AU/SP/SU	1	• EMS 1862: Part 2 of a 5-part course sequence covering all the knowledge and skills required for the state certification examination for Paramedic.
EMS1861 Paramedic I*	AU/SP	8	
EMS1862 Paramedic II	AU/SP	4	
Semester Credits		13	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
EMS1863 Paramedic III	SP/SU	8	• EMS 1863 and EMS 1864 are Part 3 and 4, respectively, of a 5-part course sequence covering all the knowledge and skills required for the state certification examination for Paramedic.
EMS1864 Paramedic IV	AU/SP	4	
Semester Credits		12	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
EMS1865 Paramedic V	AU/SU	6	• EMS 1865: Part 5 of a 5-part course sequence covering all the knowledge and skills required for the state certification examination for Paramedic.
ENGL1100 Composition I	AU/SP/SU	3	
CHEM1111 Elementary Chemistry or BIO1111 Intro to Biology	AU/SP/SU	4	
Semester Credits		13	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
FIRE1106 Fire Behavior & Combustion	AU/SP	2	
FIRE1100 Principles of Emergency Services	AU/SP/SU	3	
HUM Elective (select from approved GE-HUM list)	AU/SP/SU	3	
MATH1109 Mathematics for Emergency Services	AU/SP/SU	3	
Semester Credits		11	

FIFTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
PSY1100 Introduction to Psychology	AU/SP/SU	3	
FIRE1105 Strategies and Tactics	AU/SP	3	
Basic Elective**	AU/SP/SU	8	
Semester Credits		14	
Total		63	

*EMT Certificate (EMS 1860) OR equivalent State of Ohio EMT certification and EMS 1002 are prerequisites.

**Approved basic electives and credit hours: CRJ 1116 (3); EMS 1107 (5); EMS 1108 (2); EMS 1109 (2); EMS 1866 (6); EMS 2000 (3); EMS 2001 (2); EMS 2002 (2); EMS 2004 (1); EMS 2005 (2); EMS 2006 (1); EMS 2007 (1); EMS 2101 (6); EMS 2102 (5); FIRE 2006 (3); and SES 1100 (3).

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
Requirements subject to change.