



Fire Science Professional Track (A.A.S.)

2018–2019

DESCRIPTION:

Technological advancements and increasing sophistication in firefighting and prevention have made the role of the professional in this field more complex, requiring advanced preparation. This program is designed for firefighters and professionals in related fields such as construction engineering, insurance investigation, and corporate safety. The program emphasizes firefighting techniques, fire prevention, fire protection systems, and customer service. Combining these subjects with advanced hazardous material response, building construction, and hydraulics gives the student a firm foundation in fire protection and prevention.

The Fire Science Program is accredited by the Ohio Department of Public Safety, Division of EMS, commonly referred to as the Fire Charter (Certificate # 311).

ADMISSION REQUIREMENTS:

Students should apply for admission (select FIRE Professional Degree), financial aid, VA benefits, scholarships, benefits and/or additional services. Once applicants have received your acceptance communication, placement testing in reading, writing and math is the next step for students who do not have college-ready ACT/SAT scores or official transcripts with qualifying college credit. Once applicants have submitted ACT/SAT scores, completed placement testing, and/or sent official transcripts, they will be ready to register.

ONGOING REQUIREMENTS:

Ohio Department of Public Safety-Division of EMS, continuing education requirements are needed to retain certifications.

OPPORTUNITIES FOR GRADUATES:

Career:

Graduates find employment in firefighting and as professionals in related fields such as construction engineering, insurance investigation, and corporate safety.

Transfer:

Franklin University- BS Applied Management
Franklin University- BS Emergency Management & Homeland Security
Franklin University- BS Public Safety Management
Franklin University- BS Criminal Justice Administration
Miami University- BA Liberal Studies
Ohio University- BSAM Applied Management
Ohio University- BTAS Technical and Applied Studies
Ohio University- BCJ Criminal Justice
University of Cincinnati- BS Fire And Safety Engineering Technology

CERTIFICATE REQUIREMENTS (FIREFIGHTER SCIENCE PROFESSIONAL TRACK A.A.S.):

FIRST SEMESTER

Course	Term	Credits	Milestones/Progress Check
FIRE1121 Firefighter I	AU/SP/SU	7	<ul style="list-style-type: none"> • Successful completion of FIRE 1121 meets the eligibility requirements for State of Ohio Firefighter I certification testing. • Successful completion of FIRE 1122 meets the eligibility requirements for State of Ohio Firefighter II certification testing.
FIRE1122 Firefighter II	AU/SP/SU	5	
COLS1100 First Year Experience Seminar	AU/SP/SU	1	
ENGL1100 Composition I	AU/SP/SU	3	
Semester Credits		15	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
FIRE1105 Strategies and Tactics	SP	3	<ul style="list-style-type: none"> • Successful completion of EMS 1860 meets the eligibility requirements for State of Ohio Emergency Medical Technician (EMT), also known as an EMT-Basic certification testing.
EMS1860 Emergency Medical Technician (EMT)	AU/SP/SU	7	
PSY1100 Introduction to Psychology	AU/SP/SU	3	
SES1100 Personal Fitness Concepts	AU/SP/SU	3	
Semester Credits		19	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
FIRE1112 Customer Service for Emergency Services	SP	3	<ul style="list-style-type: none"> • Successful completion of FIRE 2002 meets the eligibility requirements for State of Ohio Fire Safety Inspector certification testing
COMM1105 Oral Communication	AU/SP/SU	3	
HUM-XXXX (select from approved GE-HUM list) (Preferred course for transferability is PHIL 1130)	AU/SP/SU	3	
MATH1109 Mathematics for Emergency Services	AU/SP/SU	3	
Semester Credits		12	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
FIRE2001 Fire Service Company Officer	AU	3	
FIRE2003 Fire Cause and Origin Investigation	AU	3	
NAT-XXXX (select from approved GE-NAT list) (Preferred course for	AU/SP/SU	4	
Semester Credits		10	

FIFTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
FIRE2006 Legal Aspects of Emergency Services	SP	3	
FIRE-XXXX (Technical Elective)	AU/SP/SU	3	
Semester Credits		6	
Total		62	

NOTE 1: Prior to enrolling in any Fire Science courses, student must complete one of the following: FIRE 1121 and FIRE 1122, or have documented Firefighter I and II certification or equivalency.

NOTE 2: Students with EMT, Firefighter I and II, and/or apprenticeship certification may qualify for other nontraditional credit (“N”) which may apply toward the degree. Contact Health & Human services Advising-hhsadvising@csc.edu for an advising appointment.

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