

**Columbus State Community College
Associate of Applied Science (AAS),
Major: Fire Science- Professional Track to
University of Cincinnati
Bachelor of Science in Fire and Safety Engineering Technology
Sample Graduation Plan**

Required Courses for the AAS Degree in Fire Science- Professional Track

COLUMBUS STATE COMMUNITY COLLEGE				<i>Columbus State Community College</i>				Plan of Study				Justice and Safety				Fire Science - Professional Track				Name _____ Student # _____ Date Entered _____ Advisor _____			
HEALTH AND HUMAN SERVICES DIVISION Effective Autumn Semester 2017																							
FIRST SEMESTER				G/T/B	CR	SECOND SEMESTER				G/T/B	CR	THIRD SEMESTER				G/T/B	CR						
FIRE 1121 Firefighter I				T	7	FIRE 1105 Strategies/Tactics of Firefighting				T	3	FIRE 1112 Customer Service for Emergency Services				T	3						
FIRE 1122 Firefighter II				T	5	EMS 1860 Emergency Medical Technician				B	7	HUM XXXX (Select from list on back)				G	3						
ENGL 1100 Composition I				G	3	SES 1100 Personal Fitness Concepts				B	3	MATH 1109 Math for Emergency Services				G	3						
COLS 1100 First Year Experience Seminar				B	1	PSY 1100 Introduction to Psychology				G	3	COMM 1105 Oral Communication				B	3						
TOTAL					16	TOTAL					16	TOTAL					12						
FOURTH SEMESTER				G/T/B	CR	FIFTH SEMESTER				G/T/B	CR	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. NOTE 2: Students with EMT, Firefighter I and II, and/or apprenticeship certification may qualify for other non-traditional credit ("N") which may apply toward the degree. Contact the Fire Science Technology coordinator at fire@csc.edu for an advising appointment. NOTE 3: FIRE 2105 Construction/Collapse for Experienced Firefighters is not open to students with credit for FIRE 1005. FIRE 2005 Incident Command is for Experienced Firefighters only. Contact the Fire Science Technology coordinator at fire@csc.edu for an advising appointment.											
FIRE 2001 Fire Service Company Officer				T	3	FIRE 2006 Legal Aspects of Emergency Services				T	3												
FIRE 2003 Fire Cause & Origin Investigation				T	3	FIRE XXXX Technical Elective				T	3												
NAT XXXX Natural Science select from list				G	4																		
TOTAL					10	TOTAL					6												
TECHNICAL ELECTIVES Minimum 6 hours				CR	GRADUATION REQUIREMENTS																		
FIRE 1102 Hazardous Materials Awareness & Operations				3	G = General Education																		
FIRE 1103 Hazardous Materials Technician Level				3	B = Basic Education																		
FIRE 1104 Fire & Emergency Services Safety & Survival				2	T = Technical Education																		
FIRE 1106 Fire Behavior & Combustion				2																			
FIRE 1107 Fire Protection Hydraulics & Water Supply				3																			
FIRE 1108 Fire Prevention				3																			
FIRE 1109 Building Construction for Fire Protection				3																			
FIRE 1110 Fire Prevention Systems				2																			
FIRE 1201 Introduction to Technical Rescue				3																			
FIRE 2002 Fire Safety Inspector				3																			
FIRE 2003 Fire Cause & Origin Investigation				3																			
FIRE 2005 Principles of Fire Scene Command				3																			
FIRE 2094 Special Topics in Emergency Services				5																			
FIRE 2105 Advanced Building Construction/Collapse				3																			
					Total General Ed. 16 Total Basic 14 Total Non-Technical 30 Total Tech. Ed. 30 TOTAL CREDITS 60																		

Courses Required for the Bachelor of Science in Fire and Safety Engineering Technology

Fire Science Core Requirements- Take all

FST 2079	Firefighter Safety & Risk Management	3 credit hours
FST 3080	Fire & Emergency Services Administration	3 credit hours
FST 3081	Analytical Approaches Public Fire Protection	3 credit hours
FST 3085	Political & Legal Foundations	3 credit hours
FST 3092	Budget, Finance, and Efficiency Communications	3 credit hours
FST 4081	Personnel Management	3 credit hours
FST 4099	Research in Fire Service (must be completed in year 1)	3 credit hours
FST 5044	Leadership & Ethics in Fire & EMS- Capstone	3 credit hours

Total Core **24 credit hours**

Upper Level Institutional Requirements- Choose three courses

FST 1077	Problem Solving for Emergency Responders	3 credit hours
FST 3071	Data Analysis & Statistics for Fire & EMS	3 credit hours
IT 1001C	Computer Applications	3 credit hours
IT 2060C	Database Management	3 credit hours
Physics Course		3 credit hours

Total Upper Level **9 credit hours**

Fire Science & Other Elective Courses Requirements **27 credit hours**

Total Program Credit Hours **60 credit hours**

Notes about the Fire and Safety Engineering Technology Program

- Students must have an AAS FIRE- Professional Track degree from Columbus State and a maximum of 60 credit hours of college-level course work will apply to the major at UC.
- Students must have a minimum cumulative GPA of 2.0 or higher to apply to the Bachelor's degree completion program.
- Students must also complete a UC university admissions application, a major application, and submit all required support materials to be admitted to the program, including all transcripts of all previous college course work and a resume of your professional and educational background.
- **UC General Education:** UC General Education requirement for the bachelor's degree is fulfilled with the AAS FIRE- Professional Track degree course work from Columbus State. The AAS FIRE- Professional Track degree will be transferred in its entirety to the UC bachelor's degree program.
- Students must complete a total of 120 credit hours to earn the bachelor's degree.

- This program can be completed entirely online through the University of Cincinnati. Most courses are "accelerated" 7-week online courses; a few 14-week online courses; and three are new Hybrid courses (2-day residencies, then online).