



Fire Science Technology

Associates in Science | Code: 27018 | 60 Credits

CIP (1743020112)

Effective Term: Fall 2024 (2247)

The Fire Science Technology program prepares students for employment as Firefighting and Prevention Supervisors to supervise or manage firefighters who control and extinguish fires, protect life and property, and conduct rescue efforts. The program may also be beneficial to professionals seeking incentive benefits or career enhancement in the field. This program includes the courses required for Florida Bureau of Fire Standards and Training certification(s) including Fire Instructor 1 and 2, Fire Officer 1 and 2, Firesafety Inspector 1, and Apparatus and Pump Operator.

GENERAL EDUCATION REQUIREMENTS (15.00 Credits)

COMMUNICATIONS (3.00 credits)

ENC 1101	English Composition 1	(3 credits)	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
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HUMANITIES (3.00 credits)

PHI 2010	Introduction to Philosophy	(3 credits)	Prerequisite: ENC 1101
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MATHEMATICS (3.00 credits)

MGF 1130	Mathematical Thinking	(3 credits)	Prerequisite: Student must meet the Developmental Education reading and writing requirements in State Rule 6A-10.0315 (by course, placement score, or eligible exemption).
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NATURAL SCIENCES (3.00 credits)

CHM 1020	Chemistry for Liberal Studies	(3 credits)	
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SOCIAL SCIENCES (3.00 credits)

AMH 2010	History of the US to 1877	(3 credits)	
AMH 2020	History of the US since 1877	(3 credits)	
POS 2041	American Federal Government	(3 credits)	

COMPUTER COMPETENCY

Test type(s) needed:

Computer Skills Placement (CSP)

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CGS 1060C	Introduction to Computer Technology & Application	
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MAJOR CORE REQUIREMENTS (24.00 Credits)

FFP 1000	Introduction to Fire Science	(3 credits)	
FFP 1301	Fire Service Hydraulics	(3 credits)	
FFP 1505	Fire Prevention Practices	(3 credits)	
FFP 1540	Private Fire Protection Systems 1	(3 credits)	
FFP 1740	Fire Service Course Delivery	(3 credits)	
FFP 1810	Firefighting Tactics and Strategy 1	(3 credits)	Prerequisite: FFP 1000
FFP 2120	Building Construction for the Fire Service	(3 credits)	
FFP 2720	Company Officer	(3 credits)	Prerequisite: FFP 1000

PROGRAM ELECTIVES (21.00 Credits)

BSC 2085	Anatomy and Physiology 1	(3 credits)	
EMS 9995	First Responder	(2 credits)	
EMS 9996	Emergency Medical Technician – Basic	(10 credits)	
FFP 1302	Apparatus Operations	(3 credits)	Prerequisite: FFP 1301
FFP 1510	Codes and Standards	(3 credits)	
FFP 2521	Construction Documents and Plans Review	(3 credits)	
FFP 2741	Fire Service Course Design	(3 credits)	Prerequisite: FFP 1740
FFP 2811	Firefighting Tactics and Strategy 2	(3 credits)	Prerequisite: FFP 1810
MAT 1033	Intermediate Algebra	(3 credits)	
SPC 1017	Introduction to Communication	(3 credits)	