



FIRE SCIENCE TECHNOLOGY, A.A.S.

COURSES THAT FULFILL GENERAL EDUCATION REQUIREMENTS

CONTENT AREA	COURSE NUMBER AND COURSE TITLE	TOTAL CREDITS
WRITTEN COMMUNICATION	ENG 1021: ENGLISH COMPOSITION I (REQUIRED)	3
MATHEMATICS	MAT 1240: MATHEMATICS FOR LIBERAL ARTS (REQUIRED)	4
NATURAL & PHYSICAL SCIENCES	SELECT ONE: AST 1110: ASTRONOMY I WITH LAB AST 1120: ASTRONOMY WITH LAB II BIO 1005: SCIENCE OF BIOLOGY WITH LAB BIO 1111: GENERAL COLLEGE BIOLOGY I WITH LAB CHE 1111: GENERAL COLLEGE CHEMISTRY I WITH LAB LAB GEY 1111: PHYSICAL GEOLOGY WITH LAB	4-5
GENERAL EDUCATION CREDITS		11-12

ADDITIONAL REQUIRED COURSES FOR FIRE SCIENCE TECHNOLOGY A.A.S. DEGREE

CONTENT AREA	COURSE NUMBER AND COURSE TITLE	TOTAL CREDITS
COMMUNICATION	COM 1250: INTERPERSONAL COMMUNICATIONS	3
COMPUTER INFORMATION SYSTEMS	CIS 1018: INTRODUCTION TO PC APPLICATIONS (REQUIRED)	3
FIRE SCIENCE TECHNOLOGY	FST 1000: FIREFIGHTER I (REQUIRED)	9
FIRE SCIENCE TECHNOLOGY	FST 1002: PRINCIPLES OF EMERGENCY SERVICES (REQUIRED)	3
FIRE SCIENCE TECHNOLOGY	FST 1005: BUILDING CONSTRUCTION FOR FIRE (REQUIRED)	3
FIRE SCIENCE TECHNOLOGY	FST 1006: FIRE PREVENTION (REQUIRED)	3
FIRE SCIENCE TECHNOLOGY	FST 1007: HAZMAT OPERATIONS LEVEL I (REQUIRED)	3
FIRE SCIENCE TECHNOLOGY	FST 1009: OCCUPATIONAL SAFETY & HEALTH (REQUIRED)	3
FIRE SCIENCE TECHNOLOGY	FST 1070: FIRE CLINICAL I (REQUIRED)	1
FIRE SCIENCE TECHNOLOGY	FST 2009: FIRE PROTECTION SYSTEMS (REQUIRED)	3
FIRE SCIENCE TECHNOLOGY	FST 2053: NIMS (REQUIRED)	3
PHYSICAL EDUCATION	PED 1010: FITNESS CENTER ACTIVITY I	1
EMERGENCY MEDICAL PROVIDER	EMS 1021: EMT FUNDAMENTALS	3
EMERGENCY MEDICAL PROVIDER	EMS 1022: EMT MEDICAL EMERGENCIES	4
EMERGENCY MEDICAL PROVIDER	EMS 1023: EMT TRAUMA EMERGENCIES	2
EMERGENCY MEDICAL PROVIDER	EMS 1024: EMT SPECIAL CONSIDERATIONS	2
EMERGENCY MEDICAL PROVIDER	EMS 1070: EMT CLINICAL	1
ADDITIONAL PROGRAM CREDITS		50
TOTAL CREDIT HOURS		64-65



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Recommended order of courses¹

PLEASE NOTE:

- Degree Policies and Procedures are in the Catalog online at www.CCAurora.edu.
- Student must apply and be accepted to CCA Firefighter Academy; must be 18 or older and meet all current civil service and physical fitness requirements for hire by a Colorado Fire Department.
- The Public Service program is designed for working professionals and other students whose objectives are to obtain an A.A.S. degree or certificate in pursuit of upgrading employment in the area of emergency services. Students intending to transfer to a Baccalaureate program should consult the programs department chair for advising.
- A certificate of completion for the Fundamentals of Fire Science and Fire Science Technology requires only the completion of the core FST and/or PED coursework under each respective certificate. Adding the General Education courses and 12 credits of any FST or EMS elective completes the AAS in Fire Science Technology degree.
- Fire Science Technology Certificate awarded after semester 2.
- Enroll in General Education Requirement courses (see above) plus enroll in 12 credits of any FST or EMS electives to complete AAS FST Degree.
- You must apply for graduation mid-semester prior to your final term. See semester of classes for the exact deadline date.
- Department contact: Mark Stephenson, 303.340.7222

SEMESTER 1	CREDITS
FST 1000: Firefighter I (REQUIRED)	9
FST 1002: Principles of Emergency Services (REQUIRED)	3
FST 1007: HAZMAT Operations Level I (REQUIRED)	3
FST 1070: Fire Clinical I (REQUIRED)	1
PED 1010: Fitness Center Activity I (REQUIRED)	1
SEMESTER CREDITS	17
SEMESTER 2	CREDITS
FST 1009: Occupational Safety & Health (REQUIRED)	3
FST 2009: Fire Protection Systems (REQUIRED)	3
FST 1005: Building Construction for Fire (REQUIRED)	3
FST 1006: Fire Prevention (REQUIRED)	3
FST 2053: NIMS (REQUIRED)	3
SEMESTER CREDITS	15
SEMESTER 3	CREDITS
EMS 1021: EMT Fundamentals	3
EMS 1022: EMT Medical Emergencies	4
EMS 1023: EMT Trauma Emergencies	2
EMS 1024: EMT Special Considerations	2
EMS 1070: EMT Clinical	1
SEMESTER CREDITS	12
SEMESTER 4	CREDITS
Select one NATURAL & PHYSICAL SCIENCES (See pathway advisor)	4-5
CIS 1018: Introduction to PC Applications (REQUIRED)	3
ENG 1021: English Composition I	3
MAT 1240: Mathematics for Liberal (REQUIRED)	4
COM 1250: Interpersonal Communications (REQUIRED)	3
SEMESTER CREDITS	17-18

¹ Placement into courses is dependent on test scores or credit for prior learning. See a Pathways Advisor for details. Plans that include ESL, CCR, and AAA courses will increase the total number of hours to completion.