**COURSES THAT FULFILL GENERAL EDUCATION REQUIREMENTS**

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| CONTENT AREA | COURSE NUMBER AND COURSE TITLE | TOTAL  CREDITS |
| WRITTEN COMMUNICATION | **ENG 121: ENGLISH COMPOSITION I (REQUIRED)** | 3 |
| MATHEMATICS | **MAT 120: MATHEMATICS FOR LIBERAL ARTS (REQUIRED)** | 4 |
| NATURAL & PHYSICAL SCIENCES | SELECT ONE:  AST 101: ASTRONOMY I WITH LAB AST 102: ASTRONOMY WITH LAB II  BIO 105: SCIENCE OF BIOLOGY WITH LAB  BIO 111: GENERAL COLLEGE BIOLOGY I WITH LAB CHE 111: GENERAL COLLEGE CHEMISTRY I WITH LAB GEY 111: PHYSICAL GEOLOGY WITH LAB | 4-5 |
| GENERAL EDUCATION CREDITS | | 11-12 |

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

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| CONTENT AREA | COURSE NUMBER AND COURSE TITLE | | TOTAL CREDITS |
| COMMUNICATION | **COM 125: INTERPERSONAL COMMUNICATIONS (REQUIRED)** | | 3 |
| COMPUTER INFORAMTION  SYSTEMS | **CIS 118: INTRODUCTION TO PC APPLICATIONS (REQUIRED)** | | 3 |
| FIRE SCIENCE TECHNOLOGY | **FST 100: FIREFIGHTER I (REQUIRED)** | | 9 |
| FIRE SCIENCE TECHNOLOGY | **FST 102: PRINCIPLES OF EMERGENCY SERVICES (REQUIRED)** | | 3 |
| FIRE SCIENCE TECHNOLOGY | **FST 105: BUILDING CONSTRUCTION FOR FIRE (REQUIRED)** | | 3 |
| FIRE SCIENCE TECHNOLOGY | **FST 106: FIRE PREVENTION (REQUIRED)** | | 3 |
| FIRE SCIENCE TECHNOLOGY | **FST 107: HAZMAT OPERATIONS LEVEL I (REQUIRED)** | | 3 |
| FIRE SCIENCE TECHNOLOGY | **FST 109: OCCUPATIONAL SAFETY & HEALTH (REQUIRED)** | | 3 |
| FIRE SCIENCE TECHNOLOGY | **FST 170: FIRE CLINICAL I (REQUIRED)** | | 1 |
| FIRE SCIENCE TECHNOLOGY | **FST 209: FIRE PROTECTION SYSTEMS (REQUIRED)** | | 3 |
| FIRE SCIENCE TECHNOLOGY | **FST 253: NIMS (REQUIRED)** | | 3 |
| PHYSICAL EDUCATION | **PED 110: FITNESS CENTER ACTIVITY I (REQUIRED)** | | 1 |
| EMERGENCY MEDICAL  PROVIDER | EMS 121: EMT FUNDAMENTALS | | 3 |
| EMERGENCY MEDICAL  PROVIDER | EMS 122: EMT MEDICAL EMERGENCIES | | 4 |
| EMERGENCY MEDICAL  PROVIDER | EMS 123: EMT TRAUMA EMERGENCIES | | 2 |
| EMERGENCY MEDICAL  PROVIDER | EMS 124: EMT SPECIAL CONSIDERATIONS | | 2 |
| EMERGENCY MEDICAL  PROVIDER | EMS 170: EMT CLINCIAL | | 1 |
| ADDITIONAL PROGRAM CREDITS | | | 50 |
| TOTAL CREDIT HOURS | | 64-65 | |

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| 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 100: Firefighter I (REQUIRED)** | 9 |
| **FST 102: Principles of Emergency Services (REQUIRED)** | 3 |
| **FST 107: HAZMAT Operations Level I (REQUIRED)** | 3 |
| **FST 170: Fire Clinical I (REQUIRED)** | 1 |
| **PED 110: Fitness Center Activity I (REQUIRED)** | 1 |
| SEMESTER CREDITS | 17 |
| SEMESTER 2 | ­ CREDITS |
| **FST 109: Occupational Safety & Health (REQUIRED)** | 3 |
| **FST 209: Fire Protection Systems (REQUIRED)** | 3 |
| **FST 105: Building Construction for Fire (REQUIRED)** | 3 |
| **FST 106: Fire Prevention (REQUIRED)** | 3 |
| **FST 253: NIMS (REQUIRED)** | 3 |
| SEMESTER CREDITS | 15 |
| SEMESTER 3 | ­ CREDITS |
| EMS 121: EMT Fundamentals | 3 |
| EMS 122: EMT Medical Emergencies | 4 |
| EMS 123: EMT Trauma Emergencies | 2 |
| EMS 124: EMT Special Considerations | 2 |
| EMS 170: EMT Clinical | 1 |
| SEMESTER CREDITS | 12 |
| SEMESTER 4 | ­ CREDITS |
| Select one NATURAL & PHYSICAL SCIENCES ( See pathway advisor ) | 4-5 |
| **CIS 118: Introduction to PC Applications (REQUIRED)** | 3 |
| **ENG 121: English Composition I** | 3 |
| **MAT 120: Mathematics for Liberal (REQUIRED)** | 4 |
| **COM 125: 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.