



The [A.S. in Fire Science Technology](#) degree program provides a career pathway to meet the needs of the fire service community. It is an open access degree program, which students can declare as a major as long as they meet all the college admission requirements. This program is financial aid eligible (FAFSA) for students who qualify. As part of your elective coursework, you can complete the EMT Technical Certificate course or take courses to pursue other state of Florida Fire Service Certifications. **If you are a certified Firefighter or Fire Safety Inspector and have valid state of Florida Fire Service Certifications, you may be eligible for an award of credit.** Students must meet the following criteria to receive college credits for approved state industry certifications:

- 1- Declare the A.S. in Fire Science Technology degree as a program of study
- 2- Meet the minimum residency requirement (complete 15 credits within the degree program at Valencia)
- 3- Provide the Career Program Advisor a valid copy of the approved license and/or certificate

| GENERAL EDUCATION REQUIREMENTS   |  |           |
|--|--|-----------|
| Communications   | <a href="#">ENC 1101</a> Composition I   | 3         |
| Humanities   | See <a href="#">Gen Ed</a> Core Requirements   | 3         |
| Mathematics  | See <a href="#">Gen Ed</a> Core Requirements   | 3         |
| Science  | See <a href="#">Gen Ed</a> Core Requirements   | 3         |
| Social Science   | * <a href="#">POS 2041</a> or <a href="#">AMH 2020</a> *   | 3         |
| <b>TOTAL GENERAL EDUCATION CREDITS</b>   |  | <b>15</b> |
| * <a href="#">Must pass Florida Civic Exam (FCLE)</a> *  |  |           |
| FIRE SCIENCE CORE REQUIREMENTS   |  |           |
| <a href="#">FFP 1000</a>   | Fire Science Fundamentals  | 3         |
| <a href="#">FFP 1505</a>   | Fire Prevention  | 3         |
| <a href="#">FFP 1612</a>   | Fire Behavior & Combustion   | 3         |
| <a href="#">FFP 2120</a>   | Bldg. Construction Fire Service  | 3         |
| <a href="#">FFP 1540</a>   | Private Fire Protection Systems I  | 3         |
| FIRE SCIENCE (FFP) ELECTIVE REQUIREMENTS   |  |           |
| FFP Electives  | <b>Select three of the following:</b><br><a href="#">FFP 1109</a> , <a href="#">FFP 1111</a> , <a href="#">FFP 1301</a> ,<br><a href="#">FFP 1793</a> , <a href="#">FFP 2510</a> , <a href="#">FFP 2521</a> ,<br><a href="#">FFP 2541</a> , <a href="#">FFP 2610C</a> , <a href="#">FFP 2720</a> , <a href="#">FFP 2740</a> , <a href="#">FFP 2741</a> , <a href="#">FFP 2706</a> ,<br><a href="#">FFP 2770</a> , <a href="#">FFP 2780</a> , <a href="#">FFP 2810</a> ,<br><a href="#">FFP 2811</a> , <a href="#">FFP 2930</a> | 9         |
| <b>TOTAL CORE and ELECTIVE FFP CREDITS</b>   |  | <b>24</b> |
|  |  |           |
| OPEN ELECTIVES - ANY CREDIT COURSE   |  | <b>21</b> |
| *EMT is a prerequisite for admissions into Valencia's Firefighter Academy ( <a href="#">Minimum Standards Course</a> ). If you are not EMT certified and want to be a firefighter, you have the option of taking ( <a href="#">EMS1119</a> , <a href="#">EMS1119L</a> , & <a href="#">EMS1431L</a> paired courses) 12 elective credit hours for the EMT certification. |  |           |
| *Contact the Career Program Advisor for guidance regarding other state of Florida Fire Service Certifications.   |  |           |
| <b>2023 - 2024 CATALOG: TOTAL PROGRAM CREDITS</b>  |  | <b>60</b> |

Florida Bureau of Fire Standards and Training Certifications for Fire Officer I OR Fire Safety Inspector I.

**Fire Officer I:**

- FFP 2120 Building Construction for the Fire Service
- FFP 2720 Company Officer
- FFP 2740 Fire Service Course Delivery
- FFP 2810 Fire Fighting Tactics and Strategy I

(Must be active Firefighter or Volunteer Firefighter - State Written Examination Requirement)

**Fire Safety Inspector I:**

- FFP 1505 Fire Prevention
- FFP 1540 Private Fire Protection System I
- FFP 2120 Building Construction for the Fire Service
- FFP 2510 Fire Codes and Standards

\*FFP 2521 Blueprint Reading and Plans Review  
\*Prerequisite: FFP2510 minimum of "C" or higher  
(Subject to Background Check -State Written Examination)

\*\*\*Note: We recommend that the students check with the Bureau of Fire Standards and Training for current requirements: <https://www.myfloridacfo.com/division/sfm/bfst/>

\*\*\*All degree-seeking students must satisfy entry-testing requirements and satisfactorily complete all mandatory courses in reading, mathematics, English, and English for Academic Purposes unless otherwise exempted.

The Florida Residency tuition rate is \$103.06 per credit hour. If you have not done so already, your first step would be to apply for regular admissions as a student at Valencia College. To begin the process: <https://valenciacollege.edu/admissions/apply.php>.

Contact the **Career Program Advisor** for questions regarding your academic options and career path.  
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