

# Certificate Programs

## Fire Science Technology

[Gainful Employment Disclosure for Fire Science Technology Certificate](#)

**Purpose:** The certificate program in Fire Science Technology is offered to provide students a broad-based knowledge of current and future advances in the fire science field.

**Admission Requirements:** In addition to the admission requirements established for the College, all entering students will be required to take placement tests in math, writing, and reading to aid in placing students in the appropriate courses. Students who do not meet required placement levels must enroll in developmental studies courses. Students are urged to consult with counselors or faculty advisors in planning their programs.

**Occupational Objectives:** Firefighter, Fire Officer, Fire Protection Specialist, Fire/Emergency Instructor, Fire or Building Inspector, Fire Investigator, Rescue Service, Emergency Medical Service, Hazardous Materials Services, Emergency manager, Occupational or Industrial Safety and Risk Management, and related occupations.

### FIRE SCIENCE TECHNOLOGY CERTIFICATE CURRICULUM:

Program Requirements		Credits
SDV 100	College Success Skills	1
ENG 111-112	College Composition I-II	6
FST 100	Introduction to Emergency Services	3
FST 110	Fire Behavior and Combustion	3
FST 112	Hazardous Materials Chemistry	3
FST 115	Fire Prevention	3
ITE 115 <sup>1</sup>	Introduction to Computer Applications and Concepts	3
MTH 100 Level and above <sup>2</sup>	Mathematics	3
Social Sciences	Any two courses from ECO <sup>3</sup> , GEO, HIS, PLS, PSY <sup>4</sup> , or SOC <sup>5</sup>	6
BIO 101, CHM 101, or CHM 111	Laboratory Science	4
<b>Total Minimum Credits</b>		<b>35</b>

### SUGGESTED SCHEDULING:

#### FIRST YEAR

##### Fall

ENG 111	3
FST 100	3
FST 110	3
SDV 100	1
<b>Total Credits</b>	<b>10</b>

##### Spring

ENG 112	3
FST 112	3
FST 115	3
<b>Total Credits</b>	<b>9</b>

#### SECOND YEAR

##### Fall

Lab Science	4
ITE 115	3
<b>Total Credits</b>	<b>7</b>

<b>Spring</b>	
Math	3
Social Science Electives	6
<b>Total Credits</b>	<b>9</b>

<sup>1</sup> *Students passing an approved computer competency exam will need to take an additional social science course in place of ITE 115.*

<sup>2</sup> *Students considering transfer should check with anticipated four-year institution to determine appropriate MTH courses and/or sequences.*

<sup>3</sup> *ECO 120 and ECO 201-202 contain similar course content. Students should take either ECO 120 or ECO 201-202 unless they plan to take all three courses. Students may not receive credit for ECO 120 if they have already completed both ECO 201 and ECO 202.*

<sup>4</sup> *PSY 200 and PSY 201-202 contain similar course content. Students who take PSY 200 cannot receive credit for either PSY 201 or PSY 202. Students who take either PSY 201 or PSY 202 cannot receive credit for PSY 200. Also, students cannot receive credit for both PSY 235 and PSY 230.*

<sup>5</sup> *SOC 200 and SOC 201-202 contain similar course content. Students who take SOC 200 cannot receive credit for either SOC 201 or SOC 202. Students who take either SOC 201 or SOC 202 cannot receive credit for SOC 200.*