

## Fire Science Technology (FST)

**THE DEGREE:** Associate of Science

**THE PROGRAM:** provides academic enhancement to the physical and technical training fire fighters receive at State and National Fire Academies in the areas of fire protection, fire prevention, hazardous materials, and department and fire scene organizational management.

**YOUR NEXT STEP:** begin or enhance your career in municipal fire protection, insurance and building inspection, fire protection work with private firms, or transfer to a baccalaureate degree institution with major emphasis on fire department management or fire science education.

REQUIRED COURSES	CREDITS
CHE 105 Basic Principles of Chemistry, or CHE 111 General Chemistry I.....	3-4
CIS 140 Microcomputer Software Tools I .....	3
or a CIS course approved by the Fire Science Program Coordinator	
ENG 101, 103, or 105 English Composition I.....	3
ENG 112, 114, or 116 English Composition II .....	3
FST 101 Introduction to Fire Protection .....	3
FST 109 Hazardous Materials I.....	3
FST 111 Building Construction.....	3
FST 113 Fire Hydraulics .....	3
FST 125 Fire Prevention, Codes and Ordinances.....	4
FST 201 Fire Protection Systems and Equipment I .....	3
MAT (Any math course with NC coding) .....	3-4
PSY 101 Principles of Psychology.....	3
SOC 101 Principles of Sociology .....	3
PCS 101 or 121 or 131 or 141 Personal Communication Skills.....	3
FST/EMS/SPA 163 Electives <sup>①</sup> .....	15
Humanities elective (Any course coded HC or HL) .....	3
<b>TOTAL</b>	<b>61-63</b>

<sup>①</sup> FST/EMS/SPA 163 electives consist of all courses designated FST or EMS not specifically required in the curriculum. No more than 10 EMS credits can be used in this category. SPA 163 (Spanish for Fire Fighters) can count either as elective credits in this category or as Humanities elective credit but not both.

### PROGRAM COORDINATOR

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