

Fire Science Technology

ASSOCIATE IN SCIENCE(AS) 2025 - 2026

Student's Name: _____

Student's ID Number: _____

Pathway Navigator: _____ Faculty Advisor: Kevin Granberg

General Education (18 hours)	Major Courses (30 hours)	Notes
<p>The Associate in Science degree consists of a minimum of 60 college-level semester hours with at least 15 semester hours of General Education Core courses. The General Education Core courses are chosen for their appropriateness for each degree and represent courses from each of the following disciplines: humanities/fine arts, natural science/mathematics, behavioral science/social science and communications. Consult with your Faculty Advisor if you have any questions.</p>	<p>The purpose of this program is to prepare graduates for advancement in the fire service. Completion of the company officer courses leads to Fire Officer Certification; completion of the inspection courses leads to Fire Inspector Certification.</p> <p>Other Training Programs will be evaluated by the designated advisor. ¹ = Fire Officer I ² = Fire Inspector ³ = Fire Officer II</p>	
<p>Communications (3/4 credits)</p> <p><input type="checkbox"/> ENC1101 English Composition I●+* 3 <input type="checkbox"/> ENC1101C Enhanced English Comp. I●+* 4</p> <p>Humanities (3 credits) Select one Humanities course</p> <p>Humanities 1–Visual & Performing Arts</p> <p><input type="checkbox"/> ARH2000 Understanding Visual Arts● 3 <input type="checkbox"/> MUL2010 Understanding Music● 3 <input type="checkbox"/> THE2000 Understanding Theater● 3</p> <p>Humanities 2–Philosophy/Religion <i>Prerequisite ENC1101 or ENC1101C with grade "C" or higher.</i></p> <p><input type="checkbox"/> HUM2020 Introduction to Humanities●+* 3 <input type="checkbox"/> PHI2010 Intro. to Philosophy●+* 3</p> <p>Humanities 3–Literature <i>Prerequisite ENC1102 with grade "C" or higher.</i></p> <p><input type="checkbox"/> LIT2000 Literature and Culture●+* 3</p>	<p><input type="checkbox"/> SPC1608 Intro. to Public Speaking 3 <input type="checkbox"/> CGS1570 Microcomputer Applications 3 <input type="checkbox"/> FFP1610 Fire Cause & Arson Detection#³ 3 <input type="checkbox"/> FFP2810 Firefighting Strat. & Tactics I#¹ 3 <input type="checkbox"/> FFP2700 Fire Depart. Administration#³ 3 <input type="checkbox"/> FFP1505 Fire Prevention Practices+##^{1,2} 3 <input type="checkbox"/> FFP2720 Company Officer#¹ 3 <input type="checkbox"/> FFP1540 Fire Protect. Systems/Devices#^{1,2} 3 <input type="checkbox"/> FFP2120 Building Construction+##^{1,2} 3 <input type="checkbox"/> FFP2111 Fire Chemistry+##¹ 3</p>	
<p>Mathematics (3 credits) Select one Mathematics Course</p> <p><input type="checkbox"/> MGF1130 Mathematical Thinking●+* 3 <input type="checkbox"/> STA2023 Statistics●+* 3 <input type="checkbox"/> MAC1105 College Algebra●+* 3 <input type="checkbox"/> MAC2311 Calculus with Geometry I●+* 4</p>	<p>Electives (12 hours) Select From Inspection Courses, Tactics Courses, Technical Electives</p> <p>Inspection Courses</p> <p><input type="checkbox"/> FFP1510 Building and Fire Codes#² 3 <input type="checkbox"/> FFP2521 Blueprint Reading & Plans Exam#² 3</p> <p>Tactics Courses</p> <p><input type="checkbox"/> FFP1302 Fire Apparatus Operations+## 3 <input type="checkbox"/> FFP1301 Firestream Hydraulics# 3 <input type="checkbox"/> FFP2811 Firefighting Strat. & Tact. II+##¹ 3</p> <p>Technical Electives Any FFP Fire Science Course</p> <p><input type="checkbox"/> EMS1119 Emergency Medical Tech.+##* 5 <input type="checkbox"/> EMS1335 Emergency Vehicle Operator I#* 1 <input type="checkbox"/> EMS1401 Emergency Medical Tech. Lab+##* 5 <input type="checkbox"/> FFP2740 Fire Science Instruct. Techniques#¹ 3 <input type="checkbox"/> FFP1741 Fire Service Course Design#³ 3 <input type="checkbox"/> FFP2706 Public Information Officer#³ 3 <input type="checkbox"/> FFP2770 Ethical & Legal Issues of FS+##³ 3 <input type="checkbox"/> FFP1140 1st Responder# 3 <input type="checkbox"/> FFMS (with passing SCE) 3</p> <p>FFMS = Florida Firefighter Minimum Standards Training Programs SCE = State Certification Examination</p>	
<p>Natural Sciences (3 credits) Select one Science course</p> <p>Physical Sciences</p> <p><input type="checkbox"/> AST1002 Descriptive Astronomy● 3 <input type="checkbox"/> CHM1045 General Chemistry●+ 3 <input type="checkbox"/> ESC2000 Earth & Space Science Survey● 3 <input type="checkbox"/> EVR1001 Intro. to Environmental Science● 3 <input type="checkbox"/> GLY1010 Physical Geology● 3 <input type="checkbox"/> OCE1001 Fundamentals of Oceanography● 3 <input type="checkbox"/> PHY1020 Basic Concepts of Physics● 3 <input type="checkbox"/> PHY2048 University Physics I●+ 4 <input type="checkbox"/> PHY2053 College Physics I●+ 3</p> <p>Biological Sciences</p> <p><input type="checkbox"/> BSC1005 General Biological Science● 3 <input type="checkbox"/> BSC2010 Biology for Science Majors I●+ 3 <input type="checkbox"/> BSC2085 Anatomy & Physiology I●+ 3</p>	<p>Developmental Courses</p> <p><input type="checkbox"/> ENC0022 Dev. Writing I & II Combined* 3 <input type="checkbox"/> REA0019 Dev. Reading I & II Combined* 3 <input type="checkbox"/> MAT0012 Dev. Arithmetic with Algebra* 3</p>	
<p>Social Sciences (6 credits) Select one of the Following</p> <p>Behavioral Science</p> <p><input type="checkbox"/> PSY2012 General Psychology● 3 <input type="checkbox"/> SYG2000 Principles of Sociology 3</p> <p>Select one of the Following</p> <p>History</p> <p><input type="checkbox"/> AMH2010 United States History I●@ 3 <input type="checkbox"/> AMH2020 United States History II●@ 3</p> <p>Government</p> <p><input type="checkbox"/> POS2041 American Nat'l Government●@ 3</p>	<p>Key</p> <p>+ = Prerequisite or co-requisite required * = Minimum grade of "C" required @ = Course meets Civic Literacy Requirement ● = General Education Core course # = Applies to A.S. and Certificate Programs</p>	
		<p>Other AS Requirements</p> <p><input type="checkbox"/> General Education Core Requirement Successful completion of at least one dotted core course from each of the five major general education areas: Communications, Humanities, Mathematics, Natural Sciences, Social Sciences</p> <p><input type="checkbox"/> Civic Literacy Requirement (@) Successful completion of AMH 2010 OR AMH 2020 OR POS 2041 AND passing score on civic literacy exam (FCLE)</p>