ASSOCIATE IN SCIENCE (AS) DEGREE
2023 - 2024

Student's Name:	Student's ID Number:
Date:	Pathway Navigator/Faculty Advisor:
Associate of Science: Fire Science Technology (FIRE-AS)	

General Education (18 hours)

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.

Communications (3/4 credits)

- ☐ ENC1101 English Composition I●+* 3
- ☐ ENC1101C Enhanced English Comp. I●+* 4

Humanities (3 credits)
Select one Humanities course

Humanities 1–Visual & Performing Arts

- ☐ ARH2000 Understanding Visual Arts● 3
- ☐ MUL2010 Understanding Music● 3
- ☐ THE2000 Understanding Theater● 3

Humanities 2–Philosophy/Religion
Prerequisite ENC1101 or ENC1101C with grade "C" or higher.

- ☐ PHI2010 Intro. to Philosophy●+* 3

Humanities 3–Literature
Prerequisite ENC1102 with grade "C" or higher.

- ☐ LIT2000 Literature and Culture●+* 3

Mathematics (3 credits)
Select one Mathematics Course

- ☐ MGF1106 Math for Liberal Arts●+* 3
- ☐ MGF1107 Survey of Mathematics●+* 3
- ☐ STA2023 Statistics●+* 3
- ☐ MAC1105 College Algebra●+* 3
- ☐ MAC2311 Calculus with Geometry I●+* 4

Natural Sciences (3 credits)
Select one Science course

Physical Sciences

- ☐ AST1002 Descriptive Astronomy● 3
- ☐ CHM1045 General Chemistry●+ 3
- ☐ ESC2000 Earth & Space Science Survey● 3
- ☐ EVR1001 Intro. to Environmental Science● 3
- ☐ PHY1020 Basic Concepts of Physics● 3
- ☐ PHY2048 University Physics I●+ 3
- ☐ PHY2053 College Physics I●+ 3

Biological Sciences

- ☐ BSC1005 General Biological Science● 3
- ☐ BSC2010 Biology for Science Majors I●+ 3
- ☐ BSC2085 Anatomy & Physiology I●+ 3

Social Sciences (6 credits)

Select one of the Following

Behavioral Science

- ☐ PSY2012 General Psychology● 3
- ☐ SYG2000 Principles of Sociology● 3

Select one of the Following

History

- ☐ AMH2020 United States History II●@ 3

Government

- ☐ POS2041 American Nat'l Government●@ 3

Major Courses (30 hours)

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.

Other Training Programs will be evaluated by the designated advisor.

[1] = Fire Officer I
[2] = Fire Inspector
[3] = Fire Officer II

- ☐ SPC1608 Intro. to Public Speaking 3
- ☐ CGS1570 Microcomputer Applications 3
- ☐ FFP1610 Fire Cause & Arson Detection#[3] 3
- ☐ FFP2810 Firefighting Strat. & Tactics I#[1] 3
- ☐ FFP2700 Fire Depart. Administration#[3] 3
- ☐ FFP1505 Fire Prevention Practices+#[1,2] 3
- ☐ FFP2720 Company Officer#[1] 3
- ☐ FFP1540 Fire Protect. Systems/Devices#[1,2] 3
- ☐ FFP2120 Building Construction+#[1,2] 3
- ☐ FFP2111 Fire Chemistry+#[1] 3

Electives (12 hours)
Select From
Inspection Courses, Tactics Courses, Technical Electives

Inspection Courses

- ☐ FFP1510 Building and Fire Codes#[2] 3
- ☐ FFP2521 Blueprint Reading & Plans Exam#[2] 3

Tactics Courses

- ☐ FFP1302 Fire Apparatus Operations+# 3
- ☐ FFP1301 Firestream Hydraulics# 3
- ☐ FFP2811 Firefighting Strat. & Tact. II+#[1] 3

Technical Electives

Any FFP Fire Science Course

- ☐ EMS1119 Emergency Medical Tech.+#* 5
- ☐ EMS1335 Emergency Vehicle Operator I#* 1
- ☐ EMS1401 Emergency Medical Tech. Lab+#* 5
- ☐ FFP2740 Fire Science Instruct. Techniques#[1] 3
- ☐ FFP1741 Fire Service Course Design#[2] 3
- ☐ FFP2706 Public Information Officer#[3] 3
- ☐ FFP2770 Ethical & Legal Issues of FS+#[3] 3
- ☐ FFP1140 1st Responder# 3
- ☐ **FFMS** (with passing **SCE**) 3

FFMS = Florida Firefighter Minimum Standards Training Programs
SCE = State Certification Examination

Developmental Courses

- ☐ ENC0022 Dev. Writing I & II Combined* 3
- ☐ REA0019 Dev. Reading I & II Combined* 3
- ☐ MAT0012 Dev. Arithmetic with Algebra* 3

Key

+ = 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

Notes

Other AS Requirements

☐ **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

☐ **Civic Literacy Requirement (@)**
Successful completion of AMH 2020 OR POS 2041 AND passing score on the Florida Civic Literacy Exam (FCLE)