

Fire Science

Associate in Applied Science

Career Pathway and Career Cluster: *Health Sciences*

Program Advisor: Admissions
(269) 782-1499

The Fire Science degree is designed to promote career advancement for the already-certified volunteer or career firefighter.

Prerequisites

- ◆ Students will need to demonstrate proficiencies in reading, mathematics and English based on SMC assessment tests, ACT or SAT scores, or by taking the recommended courses.
- ◆ Some of the courses in this curriculum have specific prerequisites that may not be listed as part of the degree requirements. These are described in the course descriptions.
- ◆ The program can recognize a limited number of training certifications issued by the states of Michigan and Indiana.
- ◆ Students must possess a valid Firefighter II certificate with Haz Mat operations from the Michigan Fire Fighters Training Council or the Indiana Public Safety Training Institute by graduation.
- ◆ Students will need to demonstrate computer technology competency through testing. If unable to demonstrate, an appropriate course must be taken (ISYS 110).

Core Curriculum

- ◆ In order to graduate with a college degree, all students are required to take certain general education courses. These include speech, wellness, two semesters of English composition and proficiency in mathematics and computer use minimum grade of C. These are included in the following listing of courses.

Course Sequence

- ◆ The listing that follows is a suggested sequence of courses for full-time students. Part-time options are available.
- ◆ Please be sure to consult the course descriptions, as some courses may not be offered every semester.
- ◆ ACE Testing, which grants students credit for demonstration of skills mastery, is available at the Testing Center for a number of courses.
- ◆ The FISC classes as scheduled below are offered in the evenings

Course	Credits
Core-requirements	
FISC 102 Firefighter II	12

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Course	Credits
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Semester I

ENGL 103	Freshman English II	3
HEED 131	Emergency Medical Technician	6
MATH 101	Introductory Algebra	4

Semester II

CHEM 100	Fundamentals of Chemistry	4
ENGL 104	Freshman English III	3
HEED 132	Emergency Medical Technician II	4
PHED 103	Life Wellness	2

Semester III

FISC 210	Fire Cause Determination	3
FISC 211	Instructional Techniques	3
PSYC 101	General Psychology	3
OR		
SOCI 201	Principles of Sociology	(3)
SPEE 104	Introduction to Human Communication	3

Semester IV

FISC 112	Service Tactics	3
FISC 212	Incident Management	3
ISYS 110	Intro to Computer Technology (or competency)	(3)
POSC 201	American Government	3

Semester V

FISC 110	Fire Prevention	3
FISC 111	Building Construction	3

Total Program Credits **65**