



Fire Science/Basic EMT A.A.S.

Curriculum Code: 1057

Effective: Fall 2020 – Summer 2025

Description

This degree curriculum is for students who wish to combine fire service and emergency medical service education and training into a single degree program. This degree choice will expedite the career path of those students interested in a career within public or private agencies that require credentials in both the fire and emergency medical services fields. Students will complete certifications for Fire Fighter I & II, Basic Emergency Medical Technician, Hazardous Materials Operations, Wildland Fire Fighter II, NIMS 100 and 200, Vehicle Extrication, and Advanced Vehicle Stabilization. The fire science segment meets the state standards of the Michigan Fire Fighter Training Council's Fire Fighter I and II certification process and requires department approval to enroll in the Regional Fire Training Center at Lansing Community College. Basic EMT courses are approved by the Michigan Department of Consumer and Industry Services. An EMT Academy option is available to students. Not all courses in this program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any course.

Contact Information

Contact the Public Service Careers Program at the West Campus Building, Room M127, telephone number 517-483-1570.

General Education - Applied Degree, Recommended Choices

(For the full list of options, see [General Education](#))

- English Composition – *Select one*
ENGL 124, Technical Writing, 3 credits / 3 billing hours
- English Composition (Second Course)/Communications or Applied Communications – *Select one*
COMM 130, Fundamentals Public Speaking, 3 credits / 3 billing hours
- Humanities and Fine Arts/Social Sciences/Applied Social Sciences – *Select one*
MGMT 234, Diversity in the Workplace, 3 credits / 3 billing hours
- Mathematics or Applied Mathematics – *Select one*
MATH 119, Math - Applications for Living, 4 credits / 4 billing hours
- Natural Sciences Lab or Applied Science and Technology Lab – *Select one*
BIOL 145, Intro Anatomy and Physiology, 4 credits / 6 billing hours

Program of Study Required Courses

| Course Code | Course Title | Credit / Billing Hours |
|-------------|--------------------------------|------------------------|
| EMTA 101 | Basic EMT I | 4 / 4 |
| EMTA 102 | Basic EMT II | 2 / 4 |
| EMTA 103 | Basic EMT III | 4 / 4 |
| EMTA 104 | Basic EMT IV | 2 / 4 |
| EMTA 112 | Basic EMT Clinical | 2 / 4 |
| FIRE 100 | Principles Emergency Services | 4 / 4 |
| FIRE 101 | MI F.F.T.C. Basic Fire Level I | 10 / 14 |
| FIRE 102 | MI F.F.T.C. Basic Fire Lev II | 6 / 8 |
| FIRE 104 | Fire Behavior & Combustion | 3 / 3 |
| FIRE 112 | Occup Health & Safety/Fire Svc | 4 / 4 |
| FIRE 270 | Fire Service Career Developmnt | 3 / 3 |
| FIRE 280 | Fire Directed Indep Study | 1-3 / 1-3 |
| PFFT 119 | Fire Academy Fitness Training | 3 / 4 |

Total Credit Hours

65-67 credits / 80-82 billing hours

Recommended Course Sequence

| Semester I | Semester II |
|------------|-------------|
| FIRE 101 | EMTA 101 |
| FIRE 102 | EMTA 102 |
| PFFT 119 | EMTA 103 |
| | EMTA 104 |
| | EMTA 112 |

| Semester III | Semester IV |
|---|---|
| Gen Ed – English Composition | Gen Ed – English Composition (Second Course)/Communications or Applied Communications |
| Gen Ed – Natural Sciences Lab or Applied Science and Technology Lab | Gen Ed – Humanities and Fine Arts or Social Sciences or Applied Social Sciences |
| FIRE 100 | Gen Ed – Mathematics or Applied Mathematics |
| FIRE 104 | FIRE 270 |
| FIRE 112 | FIRE 280 |