



Fire Science/Basic EMT A.A.S.

Curriculum Code: 1057

Effective: Fall 2019 – Summer 2024

Description

This degree curriculum is accredited through the International Fire Service Accreditation Congress and 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 Core Courses, Recommended Choices

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

- Communication – *Select one*
COMM 130, Fund of Public Speaking, 3 credits / 3 billing hours
- Global Perspective and Diversity – *Select one*
MGMT 234, Diversity in the Workplace, 3 credits / 3 billing hours
- Math – *Select one*
MATH 119, Math - Applications for Living, 4 credits / 4 billing hours
- Science – *Select one*
BIOL 145, Intro Anatomy and Physiology, 4 credits / 6 billing hours
- Writing – *Select one*
ENGL 124, Technical Writing, 3 credits / 3 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
Science Core	Communication Core
Writing Core	Global Perspectives and Diversity Core
FIRE 100	Math Core
FIRE 104	FIRE 270
FIRE 112	FIRE 280