

# LANSING COMMUNITY COLLEGE

## CURRICULUM GUIDE

Fire Science/Basic EMT  
Associate in Applied Science Degree

Curriculum Code: 1057 (Effective Fall 2015– Summer 2020)

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 Awareness, Hazardous Materials Operations, Wildland Fire Fighter II, NIMS 100 and 200, Auto Extrication, and Advanced 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.

### PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

### INFORMATION

Contact the Public Service Careers Program, West Campus Building, Room M127, telephone number (517) 483-1570 (Website: [www.lcc.edu/publicservice/fire\\_science/](http://www.lcc.edu/publicservice/fire_science/)).

### REQUIREMENTS (See Notes 1 and 2)

CODE	TITLE	TOTAL: 47 CREDITS CREDIT HOURS
EMTA 101	Basic EMT I	4
EMTA 102	Basic EMT II	2
EMTA 103	Basic EMT III	4
EMTA 104	Basic EMT IV	2
EMTA 112	Basic EMT Clinical	2
FIRE 100	Principles Emergency Services (See Note 2)	4
FIRE 101	MI F.F.T.C. Basic Fire Level I (See Notes 3 and 4)	10
FIRE 102	MI F.F.T.C. Basic Fire Lev II (See Notes 3 and 4)	6

FIRE 104	Fire Behavior & Combustion	3
FIRE 112	Occup Health & Safety/Fire Svc	4
FIRE 270	Fire Service Career Developmnt	3
PFFT 119	Fire Academy Fitness Training (See Note 3)	3

### LIMITED CHOICE REQUIREMENTS

**TOTAL: 16–22 CREDITS**

Complete the indicated number of credits from **EACH CHOICE** listed below.

#### CHOICE 1: [General Education Core Areas](#)

**16–22 Credits**

(Click the link above for information on how to fulfill these requirements. Core area proficiency exams, where appropriate, are available for each core area.)

Communication Core Area	3–4
Global Perspectives and Diversity Core Area	3–4
Mathematics Core Area (See Note 5)	3–5
Science Core Area	4–5
Writing Core Area	3–4

#### MINIMUM TOTAL

**63**

#### NOTES:

1. FIRE 280 or FIRE 285 may replace certain courses. Students must consult with the Fire Science program advisor regarding this process.
2. Students may waive FIRE 100 if they have completed FIRE 101 and FIRE 102 (Fire Academy) with a 2.0 minimum.
3. The Fire Academy consists of FIRE 101, FIRE 102 and PFFT 119 and requires department approval. For current admission requirements for this program, students must contact the Public Service Careers Office at the West Campus Building, Room M127, telephone number (517) 483–1570 (website: [www.lcc.edu/publicservice/fire\\_science/](http://www.lcc.edu/publicservice/fire_science/)). Students with Michigan Fire Fighter I and II certification may be eligible for credit equivalent to FIRE 101 and FIRE 102. Students should consult with a Fire Science program advisor regarding this segment of the program.
4. This course has an Honors option. Please inform the instructor on the first day of class if you are participating in the Honors Program.
5. Students are recommended to take MATH 120 or higher for the Mathematics Core which will also satisfy the Michigan Transfer Agreement.

#### SUGGESTED COURSE SEQUENCE

Students should see course descriptions to find out when departments plan to offer courses. Students who for any reason are unable to follow the course sequence suggested below (for example, those who are part-time, have transferred in courses from another school, or have prerequisites to fulfill) should contact an academic advisor for help with adjustments.

I	II	III	IV
FIRE 100	FIRE 104	EMTA 101	FIRE 112
FIRE 101	Lim.Ch.1	EMTA 102	FIRE 270
FIRE 102	Lim.Ch.1	EMTA 103	Lim.Ch.1
PFFT 119	Lim.Ch.1	EMTA 104	Lim.Ch.1
		EMTA 112	