

**LANSING COMMUNITY COLLEGE**

**Health & Public Services**

**Curriculum Code: 1057**  
 (Effective Fall 2018 –  
 Summer 2023)

**Fire Science/Basic EMT A.A.S. Pathway**

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.

**For More Information**

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

<b>Semester I</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>Program of Study Requirements</b>			
FIRE 101	MI F.F.T.C. Basic Fire Level I	Department Approval	10 / 14
FIRE 102	MI F.F.T.C. Basic Fire Lev II	Department Approval	6 / 8
PFFT 119	Fire Academy Fitness Training	Admission to Fire Academy	3 / 4
<b>Credits</b>			<b>19 / 26</b>

Semester II	Course Title	Prerequisites	Credit/Billing Hours
<b>Program of Study Requirements</b>			
EMTA 101	Basic EMT I	Reading Level 5 and Writing Level 6 and Program Approval	4 / 4
EMTA 102	Basic EMT II	Reading Level 5 and Writing Level 6	2 / 4
EMTA 103	Basic EMT III	Minimum 3.0 in (EMTA 101 and EMTA 102) and Reading Level 5 and Writing Level 6; Co-requisite Course(s): EMTA 104 and EMTA 112	4 / 4
EMTA 104	Basic EMT IV	Minimum 3.0 in (EMTA 101 and EMTA 102) and Reading Level 5 and Writing Level 6; Co-requisite Course(s): EMTA 103 and EMTA 112	2 / 4
EMTA 112	Basic EMT Clinical	Minimum 3.0 in (EMTA 101 and EMTA 102) and Reading Level 5 and Writing Level 6; Co-requisite Course(s): EMTA 103 and EMTA 104	2 / 4
<b>Credits</b>			<b>14 / 20</b>
Semester III	Course Title	Prerequisites	Credit/Billing Hours
<b>Science Core Area - <i>Select 1</i></b>			
BIOL 145	Intro Anatomy and Physiology	Reading Level 5 and Writing Level 6 and (Math Level 4 or minimum 2.0 in MATH 105 or MATH 106)	4 / 6
<b>Writing Core Area - <i>Select 1</i></b>			
ENGL 124	Technical Writing	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3

<b>Program of Study Requirements</b>			
FIRE 100	Principles Emergency Services	Reading Level 5 and Writing Level 4	4 / 4
FIRE 104	Fire Behavior & Combustion	Reading Level 5 and Writing Level 4	3 / 3
FIRE 112	Occup Health & Safety/Fire Svc	Minimum 2.0 in (FIRE 104 or concurrently) and Reading Level 5 and Writing Level 4	4 / 4
<b>Credits</b>			<b>18 / 20</b>
<b>Semester IV</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>Communication Core Area - <i>Select 1</i></b>			
COMM 130	Fund of Public Speaking	Reading Level 5 and Writing Level 6	3 / 3
<b>Global Perspectives and Diversity Core Area - <i>Select 1</i></b>			
MGMT 234	Diversity in the Workplace	Reading Level 5 and Writing Level 6	3 / 3
<b>Math Core Area - <i>Select 1</i></b>			
MATH 119	Math - Applications for Living	Reading Level 5 and Writing Level 6 and ((Math Level 4 or (minimum 2.0 in MATH 105 or MATH 106))	4 / 4
<b>Program of Study Requirements</b>			
FIRE 270	Fire Service Career Developmnt	Department Approval	3 / 3
FIRE 280	Fire Directed Indep Study	Department Approval	1-3 / 1-3
<b>Credits</b>			<b>14-16 / 14 - 16</b>
<b>Total Credits</b>			<b>65 - 67 / 80 - 82</b>