

FIRE SCIENCE, ASSOCIATE

Program Description

The associate degree in fire science prepares you for entry-level positions with fire departments and some government agencies. You may also be eligible for Michigan Firefighter Certification through the Michigan Firefighters Training Council (MFFTC). Students in this program will have the opportunity to experience a “hands-on” approach by practicing with up-to-date equipment and experiencing live fire training in the burn training center located adjacent to campus. This degree is also compatible with the bachelor of science degrees in fire science and public safety.

Program Learning Outcomes

Students successfully completing this program will be able to:

- Demonstrate professional-level knowledge, skills and abilities needed to perform as an emergency response practitioner.
- Identify and employ appropriate professional ethical standards in the field.
- Use professional-level critical thinking, technical writing, and verbal communication skills associated with public and private fire service interactions.

Degree Requirements

Code	Title	Hours
Major Requirements		
CJUS 341	Fire Cause/Arson Investigation	3
FIRE 101	Introduction to Fire Science	3
FIRE 111	Hazardous Materials	3
FIRE 201	Fire Protection Const Concepts	3
FIRE 204	Fire Protectn Hydraulics/Pumps	3
FIRE 206	Fire Protect Sys/Equip/Ind Pro	3
FIRE 211	Tactics & Strategy	3
FIRE 315	Company Level Supervision/Mgmt	3
Support Courses		
EMED 190	Prehsp Em Care/Crisis Intv I	4
EMED 191	Prehsp Em Care/Crisis Intv II	4
Electives		
Total Hours		32

Code	Title	Hours
Courses Required for MFFTC certification		
FIRE 197	Physical Fitness Public Safety	1
FIRE 219	Firefighter Essentials	3
FIRE 220	Fire Science Certification	4

General Education: All LSSU Associate’s degree candidates must complete the LSSU General Education Requirements.

A minimum of 62 credits (at the 100 level or higher) must be earned for graduation with a cumulative gpa of 2.00 or higher. A gpa of 2.00 or higher is also required in your Major, as well as in your General Education Requirements.