



CAREER & TECHNICAL EDUCATION AREA



VINCENNES UNIVERSITY

FIRE SCIENCE

PROGRAM DESCRIPTION

Firefighters have one of the most exciting jobs in the country. And one of the most dangerous! That's why many departments now require some type of formal training. Above all, safety comes first. And the more you know about the nature of fire and the technologies used to control it, the safer you will be.

Vincennes University has worked closely with local fire officials to develop this premiere, two-year program. It's one of the best in the state. By the time you graduate, you'll have both the basic and advanced training you need to perform your job with the utmost confidence.

This program emphasizes both the academic and practical side of firefighting. You will also have the opportunity to earn Indiana State certification in hazardous materials and other specific areas.

TOPICS YOU WILL STUDY

- Buildings, fire codes, and construction
- Types of construction
- Flame spread
- Smoke and fire containment
- Principles of fire resistance
- Firefighting strategies and techniques
- Methods of fire attack
- Fire behavior
- Building design
- Special types of fire emergencies
- Transportation
- Below ground
- Confined spaces
- Fire cause and determination
- Conduct basic investigations
- Area and methods of fire spread
- Recognize and preserve evidence
- Arson and constitution law

OCCUPATIONS UPON COMPLETION OF PROGRAM:

Career or Volunteer Firefighter, Emergency Medical Technician for a private or public ambulance service, Fire Investigator, Fire Inspector and Forensic Science technician.

DOE CODE:

- 7195 - Principles of Fire and Rescue
- 7189 - Fire Fighting Fundamentals
- 7186 - Advanced Fire Fighting

ADDITIONAL INFO

GRADE LEVEL: 11TH OR 12TH

LENGTH OF PROGRAM: 1 YEAR - 1/2 DAY

HS CREDITS PER SEMESTER: 3

HS CREDITS PER YEAR: 6

VU FIRE SCIENCE WEBSITE



COURSE INFO



FALL SEMESTER COURSES:

- Fire 111 – Intro to Fire & Emergency Services**
(3 Cr Hrs) T/R 8:00am - 9:50am (1st 8 Weeks)
- Fire 150 – Hazardous Materials – Awareness**
(3 Cr Hrs) Mon 8:00am - 9:50am
- Fire 151 – Hazardous Materials - Operations**
(3 Cr Hrs) T/R 8:00am - 9:50am (2nd 8 Weeks)



SPRING SEMESTER COURSES:

- Fire 155 – Firefighter I** (1st 10 Weeks)
(5 Cr Hrs) T/R 8:00am - 11:50am
- Fire 156 – Firefighter II** (2nd 5 Weeks)
(3 Cr Hrs) T/R 8:00am - 11:50am



FEES:

Course Fees: Fall Semester - \$1,275

Spring Semester - \$1,900

VU Technology Fees*: \$20 per Credit Hour

Tuition: Twin Rivers pays ALL CTE course tuition. Student pays for fees and books.

VU ADVISOR: BRADLEY BEATY



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*FEES ARE APPROXIMATE AND COULD VARY FROM YEAR TO YEAR