

FIRE SERVICE TECHNOLOGY - BASIC TECHNICAL CERTIFICATE 2 (BTC)

Explore More About This Program: <http://cwi.edu/program/fire-service-technology>

Certificate Quick Facts

- **Instructional School:** Social Sciences and Public Affairs
- **Department:** Public Safety
- **Program Code:** FST2.BTC
- **Program Type:** Career and Technical Education
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the [Special Course Fees](#) web page.

Certificate Requirements

Course	Course Title	Min Credits
Major Requirements		
FIRE 120	Principles of Emergency Services	3
FIRE 200	Building Construction for Fire Protection	3
FIRE 210	Fire Behavior and Combustion	3
FIRE 220	Principles of Safety and Survival for Fire and Emergency Services	3
FIRE 230	Fire Prevention	3
FIRE 240	Fire Protection Systems	3
Minimum Credit Hours Required		18

Certificate Plan

The course sequence listed below is strongly recommended in order to complete your program requirements. Many Career and Technical Education (CTE) courses have prerequisites and/or corequisites that have been accounted for within this course sequence plan. Please register for each semester as shown using the Student Planning tool in myCWI. Consult your advisor for any questions regarding this course sequence plan.

First Year

Fall		Credit Hours
FIRE 120	Principles of Emergency Services	3
FIRE 200	Building Construction for Fire Protection	3
FIRE 230	Fire Prevention	3
Total Semester Credit Hours		9
Spring		
FIRE 210	Fire Behavior and Combustion	3
FIRE 220	Principles of Safety and Survival for Fire and Emergency Services	3
FIRE 240	Fire Protection Systems	3
Total Semester Credit Hours		9
Minimum Credit Hours Required		18

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Develop knowledge of the history, structure, and culture of the fire service.
- Develop knowledge of the regulations and laws pertinent to the fire service.
- Develop knowledge of fire behavior.
- Develop knowledge of firefighting tools and tactics.
- Develop knowledge of building construction and its role in firefighting.
- Develop knowledge of safety, prevention, fire protection, and/or health measures related to the fire service.
- Demonstrate the high standards of ethical behavior required of a fire fighter.

- Demonstrate lifestyle behaviors required for a successful career as a fire fighter (e.g., regular exercise, participation in community service activities, lifelong learning, etc.).