

# FIRE SERVICE TECHNOLOGY - INTERMEDIATE TECHNICAL CERTIFICATE (ITC)

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:** FST.ITC
- **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
<b>General Education Requirements</b>		
Select one of the following:		3
COMM 101	Fundamentals of Oral Communication (GEM 2)	
ENGL 101	Writing and Rhetoric I (GEM 1)	
<u>GEM 3 - Mathematical Ways of Knowing course</u>		3
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
<b>Major Requirements</b>		
Select one of the following options:		12
<b>Fire Service Technology Option 1 <sup>1</sup></b>		
FIRE 101	Fire Fighter	
<b>Fire Service Technology Option 2 <sup>1</sup></b>		
FIRE 120	Principles of Emergency Services	
FIRE 200	Building Construction for Fire Protection	
FIRE 210	Fire Behavior and Combustion	
FIRE 220	Principles of Safety and Survival for Fire and Emergency Services	
FIRE 110	Physical Fitness for Firefighters	1
FIRE 230	Fire Prevention	3
FIRE 240	Fire Protection Systems	3
Select one (1) of the following elective courses:		3
COMM 101	Fundamentals of Oral Communication <sup>2</sup>	
ENGL 101	Writing and Rhetoric I <sup>2</sup>	
POLS 101	American National Government	
<b>Minimum Credit Hours Required</b>		<b>31</b>

<sup>1</sup> The Intermediate Technical Certificate (ITC) offers two options for completion:

- **Fire Service Technology Option 1** requires completion of FIRE 101 Fire Fighter, which involves classroom instruction, hands-on demonstrations, and participation in live burns. Additionally, upon successful completion of FIRE 101, students are afforded an opportunity to take the IFSAC Firefighter I exam, proctored by Idaho Fire Science Technology.
- **Fire Service Technology Option 2** provides a classroom learning experience for students of all ages and abilities without skills manipulation or live burn participation.

<sup>2</sup> The course selected to fulfill the GEM 1 or GEM 2 requirement will not fulfill the elective requirement as well. Students may choose to take the course **not** taken to complete general education requirement, if desired.

## Certificate Plans

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 Plan of Study Guide. Please register for your major requirements each semester as shown below using the Student Planning tool in myCWI. Consult your advisor for any questions regarding this plan.

NOTE: The required general education courses may be completed during any semester the student prefers, including summer semesters.

### The Fire Service Technology Intermediate Technical Certificate offers two options for completion:

**Fire Service Technology Option 1** requires completion of FIRE 101 Fire Fighter, which involves classroom instruction, hands-on demonstrations, and participation in live burns. Additionally, upon successful completion of FIRE 101, students are afforded an opportunity to take the IFSAC Firefighter I exam, proctored by Idaho Fire Science Technology.

**Fire Service Technology Option 2** provides a classroom learning experience for students of all ages and abilities without skills manipulation or live burn participation.

Select the appropriate Certificate Plan below based on which option you would prefer.

### Certificate Plan: Fire Service Technology Option 1

First Year		
Fall		Credit Hours
FIRE 101	Fire Fighter	12
FIRE 110	Physical Fitness for Firefighters	1
<b>Total Semester Credit Hours</b>		<b>13</b>
Spring		
FIRE 240	Fire Protection Systems	3
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
Select one of the following courses:		3
COMM 101	Fundamentals of Oral Communication (GEM 2)	
ENGL 101	Writing and Rhetoric I (GEM 1)	
<u>GEM 3 - Mathematical Ways of Knowing course</u>		3
<b>Total Semester Credit Hours</b>		<b>12</b>

**Second Year****Fall**

FIRE 230	Fire Prevention	3
Select one (1) of the following elective courses:		3
COMM 101	Fundamentals of Oral Communication <sup>1</sup>	
ENGL 101	Writing and Rhetoric I <sup>1</sup>	
POLS 101	American National Government	
<b>Total Semester Credit Hours</b>		<b>6</b>
<b>Minimum Credit Hours Required</b>		<b>31</b>

<sup>1</sup> The course selected to fulfill the GEM 1 or GEM 2 requirement will not fulfill the elective requirement as well. Students may choose to take the course **not** taken to complete general education requirement, if desired.

advancements in the field of fire prevention, fire inspection, and public education.

- Possess the information, tools, and knowledge on how they can grow into leadership positions as fire prevention, fire inspection, and public education officers and understand their value in the organization.
- Possess the information, tools, and knowledge on how to approach the diversity of the work in fire prevention, fire inspection, and public education using problem-solving skills to identify numerous ways to complete tasks with resources available, reflect on outcomes and suggest improvement plans, and take on challenging tasks to create effective systems and programs.
- Be equipped with the ethical reasoning skills and moral behavior associated with fire prevention and fire protection systems.

**Certificate Plan: Fire Service Technology Option 2****First Year****Fall****Credit  
Hours**

FIRE 110	Physical Fitness for Firefighters	1
FIRE 120	Principles of Emergency Services	3
FIRE 200	Building Construction for Fire Protection	3
FIRE 230	Fire Prevention	3
Select one of the following courses:		3
COMM 101	Fundamentals of Oral Communication (GEM 2)	
ENGL 101	Writing and Rhetoric I (GEM 1)	
<u>GEM 3 - Mathematical Ways of Knowing course</u>		3
<b>Total Semester Credit Hours</b>		<b>16</b>

**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
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
Select one (1) of the following elective courses:		3
COMM 101	Fundamentals of Oral Communication <sup>1</sup>	
ENGL 101	Writing and Rhetoric I <sup>1</sup>	
POLS 101	American National Government	
<b>Total Semester Credit Hours</b>		<b>15</b>
<b>Minimum Credit Hours Required</b>		<b>31</b>

<sup>1</sup> The course selected to fulfill the GEM 1 or GEM 2 requirement will not fulfill the elective requirement as well. Students may choose to take the course **not** taken to complete general education requirement, if desired.

**Program Learning Outcomes**

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

- Pass both the written and practical skills examinations administered by the College, State, and any appropriate certification accreditation entity.
- Possess the information, tools, and knowledge to keep up to date with current tactical practices, national standards, and future