

FIRE SERVICE TECHNOLOGY - ASSOCIATE OF ARTS (AA)

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

Degree Quick Facts

- **Instructional School:** Social Sciences and Public Safety
- **Department:** Public Safety
- **Program Code:** FST.AA
- **Program Type:** Academic Transfer
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

Degree Requirements

Course	Course Title	Min Credits
General Education Requirements ¹		
<i>Complete the following course to fulfill the Connecting with Ideas requirement:</i>		
CWI 101	Connecting With Ideas	3
<i>Complete the following courses to fulfill the GEM 1 requirement:</i>		
GEM 1 - Written Communication course		3
GEM 1 - Written Communication course		3
<i>Complete the following course to fulfill the GEM 2 requirement:</i>		
GEM 2 - Oral Communication course		2-3
<i>Complete the following course to fulfill the GEM 3 requirement:</i>		
GEM 3 - Mathematical Ways of Knowing course		3
<i>Complete the following courses to fulfill the GEM 4 requirement:</i>		
Select one of the following options:		4
GEM 4 Option 1:		
CHEM 100	Concepts of Chemistry	
CHEM 100L	Concepts of Chemistry Lab	
GEM 4 Option 2:		
CHEM 101	Introduction to Chemistry	
CHEM 101L	Introduction to Chemistry Lab	
GEM 4 Option 3:		
CHEM 111	General Chemistry I	
CHEM 111L	General Chemistry I Lab	
GEM 4 - Scientific Ways of Knowing course ²		3-4
<i>Complete the following courses to fulfill the GEM 5 requirement:</i>		
GEM 5 - Humanistic & Artistic Ways of Knowing course		3
GEM 5 - Humanistic & Artistic Ways of Knowing course ²		3
<i>Complete the following courses to fulfill the GEM 6 requirement:</i>		
PSYC 140	Human Relations for Career and Personal Success	3
GEM 6 - Social & Behavioral Ways of Knowing course ²		3
<i>Complete the following course to fulfill the Global Perspectives requirement:</i>		
Global Perspectives course		3
Major Requirements		
FIRE 110	Physical Fitness for Firefighters ³	1
Select one of the following options:		12
Fire Service Technology Option 1 ⁴		
FIRE 101	Fire Fighter	
Fire Service Technology Option 2 ⁴		
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 230	Fire Prevention	3
FIRE 240	Fire Protection Systems	3
Select one of the following: ⁵		3
FIRE 160 & FIRE 165 & FIRE 170	Work Experience I and Work Experience II and Work Experience III	
FIRE 290	Fire Service Capstone	
Electives	Elective credit to bring the total credits earned to 60, if needed ³	1-2
Minimum Credit Hours Required		60

- ¹ Student must select an "E" designated course to fulfill one of their general education requirements
- ² Course must come from a different discipline.
- ³ FIRE 110 Physical Fitness for Firefighters may be repeated for up to three credits and is recommended to fulfill any remaining elective credits needed to complete this program.
- ⁴ The Associate of Arts degree 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.
- ⁵ The option to take FIRE 160, FIRE 165, and FIRE 170 *instead of* FIRE 290 is **only available** to students who choose to complete **Fire Service Technology Option 1** and successfully pass FIRE 101. Please refer to the Work Experience course descriptions for further information. (Students who choose to complete **Fire Service Technology Option 2** will need to take FIRE 290.)

Plan of Study Guide

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 Student Success 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 Associate of Arts degree 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. *NOTE: The choice to complete FIRE 160, FIRE 165, and FIRE 170 instead of FIRE 290 is only available to students who select this option and successfully pass FIRE 101.*
- **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 Plan of Study Guide below based on which option you would prefer.

Plan of Study Guide: Fire Service Technology Option 1 (w/ Work Experience Courses)

First Year		Credit Hours
Summer		
CWI 101	Connecting With Ideas	3
ENGL 101	Writing and Rhetoric I (Recommended GEM 1) ¹	3
Total Semester Credit Hours		6
Fall		
FIRE 101	Fire Fighter	12
FIRE 110	Physical Fitness for Firefighters	1
<u>GEM 3 - Mathematical Ways of Knowing course</u>		3
Total Semester Credit Hours		16
Spring		
COMM 101	Fundamentals of Oral Communication (Recommended GEM 2) ¹	3

ENGL 102	Writing and Rhetoric II (Recommended GEM 1) ¹	3
FIRE 160	Work Experience I	1
FIRE 240	Fire Protection Systems	3
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
Select one of the following options (GEM 4):		4
GEM 4 Option 1:		
CHEM 100	Concepts of Chemistry (GEM 4)	
CHEM 100L	Concepts of Chemistry Lab (GEM 4)	
GEM 4 Option 2:		
CHEM 101	Introduction to Chemistry	
CHEM 101L	Introduction to Chemistry Lab	
GEM 4 Option 3:		
CHEM 111	General Chemistry I	
CHEM 111L	General Chemistry I Lab	
Total Semester Credit Hours		17
Second Year		
Summer		
FIRE 165	Work Experience II	1
POLS 101	American National Government (Recommended GEM 6) ^{1,2}	3
<u>GEM 5 - Humanistic & Artistic Ways of Knowing course</u>		3
Total Semester Credit Hours		7
Fall		
FIRE 170	Work Experience III	1
FIRE 230	Fire Prevention	3
<u>GEM 4 - Scientific Ways of Knowing course</u> ²		3-4
<u>GEM 5 - Humanistic & Artistic Ways of Knowing course</u> ²		3
<u>Global Perspectives course</u>		3
Electives	Select 1-2 elective credits to bring the total credits earned to 60, if needed ³	1-2
Total Semester Credit Hours		14
Minimum Credit Hours Required		60

Students must select an "E" designated (Ethical Reasoning) course to fulfill one of their General Education requirements.

¹ This course is recommended to fulfill the applicable general education requirement for students in the Fire Service Technology program. **Please note that students may fulfill their GE requirements by completing another course from within the applicable general education category.**

² Course must come from a different discipline.

³ FIRE 110 Physical Fitness for Firefighters may be repeated for up to three credits and is recommended to fulfill any remaining elective credits needed to complete this program.

Plan of Study Guide: Fire Service Technology Option 1 (w/ Capstone Course)

First Year		Credit Hours
Summer		
CWI 101	Connecting With Ideas	3
ENGL 101	Writing and Rhetoric I (Recommended GEM 1) ¹	3
Total Semester Credit Hours		6
Fall		
FIRE 101	Fire Fighter	12
FIRE 110	Physical Fitness for Firefighters	1
<u>GEM 3 - Mathematical Ways of Knowing course</u>		3
Total Semester Credit Hours		16
Spring		
COMM 101	Fundamentals of Oral Communication (Recommended GEM 2) ¹	3
ENGL 102	Writing and Rhetoric II (Recommended GEM 1) ¹	3

FIRE 240	Fire Protection Systems	3
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
Select one of the following options (GEM 4):		4
GEM 4 Option 1:		
CHEM 100	Concepts of Chemistry (GEM 4)	
CHEM 100L	Concepts of Chemistry Lab (GEM 4)	
GEM 4 Option 2:		
CHEM 101	Introduction to Chemistry	
CHEM 101L	Introduction to Chemistry Lab	
GEM 4 Option 3:		
CHEM 111	General Chemistry I	
CHEM 111L	General Chemistry I Lab	
Total Semester Credit Hours		16
Second Year		
Summer		
POLS 101	American National Government (Recommended GEM 6) ^{1,2}	3
GEM 5 - Humanistic & Artistic Ways of Knowing course		3
Total Semester Credit Hours		6
Fall		
FIRE 230	Fire Prevention	3
FIRE 290	Fire Service Capstone	3
GEM 4 - Scientific Ways of Knowing course ²		3-4
GEM 5 - Humanistic & Artistic Ways of Knowing course ²		3
Global Perspectives course		3
Electives	Select 1-2 elective credits to bring the total credits earned to 60, if needed ³	1-2
Total Semester Credit Hours		16
Minimum Credit Hours Required		60

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Plan of Study Guide: Fire Service Technology Option 2

First Year		Credit Hours
Summer		
COMM 101	Fundamentals of Oral Communication (Recommended GEM 2) ¹	3
CWI 101	Connecting With Ideas	3
Total Semester Credit Hours		6
Fall		
ENGL 101	Writing and Rhetoric I (Recommended GEM 1) ¹	3
FIRE 110	Physical Fitness for Firefighters	1
FIRE 120	Principles of Emergency Services	3
FIRE 200	Building Construction for Fire Protection	3
PSYC 140	Human Relations for Career and Personal Success (gem 6)	3
GEM 3 - Mathematical Ways of Knowing course		3
Total Semester Credit Hours		16
Spring		
ENGL 102	Writing and Rhetoric II (Recommended GEM 1) ¹	3
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
Select one of the following options (GEM 4):		4
GEM 4 Option 1:		
CHEM 100	Concepts of Chemistry (GEM 4)	
CHEM 100L	Concepts of Chemistry Lab (GEM 4)	
GEM 4 Option 2:		
CHEM 101	Introduction to Chemistry	
CHEM 101L	Introduction to Chemistry Lab	
GEM 4 Option 3:		
CHEM 111	General Chemistry I	
CHEM 111L	General Chemistry I Lab	
Total Semester Credit Hours		16
Second Year		
Summer		
POLS 101	American National Government (Recommended GEM 6) ^{1,2}	3
GEM 5 - Humanistic & Artistic Ways of Knowing course		3
Total Semester Credit Hours		6
Fall		
FIRE 230	Fire Prevention	3
FIRE 290	Fire Service Capstone	3
GEM 4 - Scientific Ways of Knowing course ²		3-4
GEM 5 - Humanistic & Artistic Ways of Knowing course ²		3
Global Perspectives course		3
Electives	Select 1-2 elective credits to bring the total credits earned to 60, if needed ³	1-2
Total Semester Credit Hours		16
Minimum Credit Hours Required		60

Students must select an "E" designated (Ethical Reasoning) course to fulfill one of their General Education requirements.

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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 required knowledge and skills to succeed as an entry-level fire fighter.
- Demonstrate the skills and abilities required to succeed in the fire service over time.
- 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.).