

FIRE SERVICE TECHNOLOGY - ASSOCIATE OF ARTS (AA)

- **Program Code:** FST.AA
- **Program Type:** Academic Transfer
- **Available Fully Online:** No
- **Eligible for Federal Financial Aid:** Yes

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

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

Degree Quick Facts

- **Instructional School:** Social Sciences and Public Affairs
- **Department:** Public Safety

Degree Requirements

| Course | Course Title | Min Credits |
|--|---|-------------|
| General Education Requirements ¹ | | |
| CWI 101 | Connecting With Ideas | 3 |
| <u>Global Perspectives course</u> | | |
| <u>GEM 1 - Written Communication course</u> | | |
| <u>GEM 1 - Written Communication course</u> | | |
| <u>GEM 2 - Oral Communication course</u> | | |
| <u>GEM 3 - Mathematical Ways of Knowing course</u> | | |
| Select one of the following options (GEM 4): | | |
| CHEM 100 & 100L | Concepts of Chemistry and Concepts of Chemistry Lab | 3 |
| CHEM 101 & 101L | Introduction to Chemistry and Introduction to Chemistry Lab | 3 |
| CHEM 111 & 111L | General Chemistry I and General Chemistry I Lab | 3 |
| <u>GEM 4 - Scientific Ways of Knowing course ²</u> | | |
| <u>GEM 5 - Humanistic & Artistic Ways of Knowing course</u> | | |
| <u>GEM 5 - Humanistic & Artistic Ways of Knowing course ²</u> | | |
| PSYC 101 or PSYC 140 | Introduction to Psychology (GEM 6) Human Relations for Career and Personal Success | 3 |
| <u>GEM 6 - Social & Behavioral Ways of Knowing course ²</u> | | |
| Major Requirements | | |
| FIRE 110 | Physical Fitness for Firefighters ³ | 1 |
| Select one of the following options: | | |
| <i>Fire Service Technology Option 1 ⁴</i> | | |
| FIRE 101 | Fire Fighter | |
| <i>Fire Service Technology Option 2 ⁴</i> | | |
| 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 | | |
| FIRE 160 & FIRE 165 & FIRE 170 | Work Experience I and Work Experience II and Work Experience III | 3 |
| FIRE 290 | Fire Service Capstone | |

| | | |
|-----------|--|-----|
| Electives | Elective credit to bring the total credits earned to a minimum of 60, if needed ³ | 0-1 |
|-----------|--|-----|

Minimum Credit Hours Required **60**

- ¹ Students 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.)

Degree 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 course sequence plan. 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 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 Degree Plan below based on which option you would prefer.

Degree Plan: 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 101 | Introduction to Psychology (GEM 6) | 3 |
| or PSYC 140 | or Human Relations for Career and Personal Success | |
| Select one of the following options (GEM 4): | | 4 |

| | | |
|--|--|-----------|
| CHEM 100 & 100L | Concepts of Chemistry and Concepts of Chemistry Lab (GEM 4) | |
| CHEM 101 & 101L | Introduction to Chemistry and Introduction to Chemistry Lab | |
| CHEM 111 & 111L | General Chemistry I and 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 |
| <u>GEM 5 - Humanistic & Artistic Ways of Knowing course</u> ² | | 3 |
| <u>Global Perspectives course</u> | | 3 |
| Electives | Select elective credits to bring the total credits earned to a minimum of 60, if needed ³ | 0-1 |
| 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 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.

Degree Plan: Fire Service Technology Option 1 (w/ Capstone Course)

| | | Credit Hours |
|--|--|--------------|
| First Year | | |
| 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 101 or PSYC 140 | Introduction to Psychology (GEM 6) or Human Relations for Career and Personal Success | 3 |
| Select one of the following options (GEM 4): | | 4 |
| CHEM 100 & 100L | Concepts of Chemistry and Concepts of Chemistry Lab (GEM 4) | |
| CHEM 101 & 101L | Introduction to Chemistry and Introduction to Chemistry Lab | |

| | | |
|---|--|-----------|
| CHEM 111 & 111L | General Chemistry I and 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 |
| GEM 5 - Humanistic & Artistic Ways of Knowing course ² | | 3 |
| Global Perspectives course | | 3 |
| Electives | Select elective credits to bring the total credits earned to a minimum of 60, if needed ³ | 0-1 |
| Total Semester Credit Hours | | 16 |
| Minimum Credit Hours Required | | 60 |

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Degree Plan: Fire Service Technology Option 2

| | | Credit Hours |
|--|--|--------------|
| First Year | | |
| 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 101 or PSYC 140 | Introduction to Psychology (GEM 6) or Human Relations for Career and Personal Success | 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 |
| CHEM 100 & 100L | Concepts of Chemistry and Concepts of Chemistry Lab (GEM 4) | |
| CHEM 101 & 101L | Introduction to Chemistry and Introduction to Chemistry Lab | |
| CHEM 111 & 111L | General Chemistry I and 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 |
| GEM 5 - Humanistic & Artistic Ways of Knowing course ² | | 3 |
| Global Perspectives course | | 3 |
| Electives | Select elective credits to bring the total credits earned to a minimum of 60, if needed ³ | 0-1 |
| 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.

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 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.

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.).