

## ASSOCIATES IN APPLIED SCIENCES-TRANSFER DEGREE (AAS-T)

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### GENERAL INFORMATION

The Fire Science Program is designed to prepare students for a career in the fire service as well as for career advancement. Instruction includes fire suppression, fire investigation, fire prevention, emergency and rescue systems, emergency response, hazardous materials, officer training, supervision, and coordination with other agencies.

The AAS-T is transferable to Eastern Oregon University, toward a Bachelors of Science in Fire Administration, and Central Washington University, toward a Bachelors of Science in Administrative Management.

The Firefighter Academy (Fire 100) prepares you for the Washington State Fire Fighter (FF I, II, and Hazardous-Materials Awareness and Operations) written and practical exams. Fire 100 is offered in the fall for 15 weeks, and in the spring for 12 weeks. The training is done at off-campus sites, including area fire departments and the Washington State Fire Academy at North Bend.

This is a self-support program that receives limited state funds. As a result, the fees for the classes are designed to provide all program support, including the purchase of needed equipment, staffing, supplies, etc. The fees for these classes do not correspond to the tuition charged for a class of similar credit. Course scheduling is primarily in the evening, with some elective classes being offered over a 2-, 3-, 4-, or 5- all day period. **The Fire Science Program is approved for Financial Aid and Veterans benefits.**

### SPECIAL APPLICATION REQUIREMENTS

**Instructor permission is required and prerequisites may be needed when registering. All advising for Fire Science and EMT classes must go through the Fire Science office.**

For the **Fire 100 Firefighter Academy** course applicants must be at least 18 years of age, in good physical condition with an emphasis on manual dexterity, strength and endurance. The ability to read, write and interpret the English language is a priority. Communication and organizational skills are essential.

**Please observe these special requirements: Applicants must complete a Respiratory/Medical questionnaire. Applicants will apply with (NTN) National Testing Network and pass the Ergometrics video test with a cumulative score of 75% and pass the (CPAT) Candidate Physical Ability Test as part of the application process. Go to [www.nationaltestingnetwork.com](http://www.nationaltestingnetwork.com).**

The **EMS 151 (Emergency Medical Technician)** class is an intensive evening and weekend course. Commitment to attendance of all sessions is necessary for successful completion. **There is an intensive application process for entry into the EMT class all applicants must take the Compass exam and score into Math 079 and ENGL& 097, complete an EMS pre-test with a passing score of 80%. All applicants must have American Heart Association (AHA) CPR/AED/Healthcare Provider card which was issued within 6 months of the start of the EMT course. All required information must be submitted to the office for verification of immunizations, High School/GED completion, and a background check will be completed on each applicant and permission to enroll in the class.**

### LEARNING OUTCOMES

1. Students will be able to discuss the impact of the history of Fire Service as it relates to current industry trend.
2. Students will be able to analyze effective fire prevention methods utilized in fire science organizations and the community.
3. Students will be able to apply effective fire protection practices and strategies to various scenarios.
4. Students will be able to evaluate the principles of fire chemistry, fire behavior, and safety practices in the fire service industry.

### NREMT REGISTRATION

Students successfully completing EMT Training (EMS 151) are eligible to take the Washington State National Registry EMT examination. EvCC also offers the annual continuing education courses Competency Based Training (CBT) required to maintain the EMT certification in Washington. EvCC is a NREMT test site. To register and apply to take the NREMT exam, go to: [www.nremt.org](http://www.nremt.org) and click on registration process (in red). **EvCC is not listed on website**, please complete the process 1-7, and then contact the Everett CC Testing Center at: (425) 388-9288.

### CAREER OPTIONS

Fire department employees have a wide range of responsibilities, including fire suppression, administration, inspection, supervision, fire prevention, hazardous materials response and emergency medical services. Completion of the Fire 100 and EMT courses will give you the two main certifications required to apply for work here in those chosen fields. Many fire departments require certification as a FF 1 and EMT prior to employment. Employment opportunities are found at state and local governments, fire departments, and with private ambulance companies. The Program Director or Assistant can provide a list of websites that can be used to begin your job search.

### GETTING STARTED AT EVCC

Our Enrollment Services Office provides general information about application, advising, orientation and registration for new and continuing students. New students may contact the Advising Center for entry advising and first quarter class selection.

- ◆ Enrollment Services, Parks Union, 2<sup>nd</sup> Floor, 425-388-9219, [admissions@everettcc.edu](mailto:admissions@everettcc.edu)
- ◆ Advising Center, Rainier Hall 108, 425-388-9339

**To make advising appointments with Fire Science faculty, contact:**

Trudy LaDouceur, Program Assistant, 425-388-9591  
[tladouceur@everettcc.edu](mailto:tladouceur@everettcc.edu)

**Fire Science Program office located in Liberty Hall, Room 269**

**Office hours: Mon – Fri 8:30 am to 4:30 pm**

**Approved November 30, 2017 by Instructional Council**

# FIRE SCIENCE ASSOCIATES IN APPLIED SCIENCE-TRANSFER DEGREE (AAS-T)

This degree is targeted at students with an interest in **Fire Science**. Students will meet with an advisor and maintain this checklist while at EvCC. The quarter before expected completion, this checklist should be submitted with a diploma application to the Fire Science office.

Student Name: \_\_\_\_\_ Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Student ID# \_\_\_\_\_ E-mail \_\_\_\_\_

**COMPLETION of Diversity Course** \_\_\_\_\_  
(Where Completed/Course Title)

(Year Completed) \_\_\_\_\_ (Grade) \_\_\_\_\_

Course Number	Course Title	Credits	Quarter Completed	Grade
<b>GENERAL EDUCATION REQUIREMENTS (20 CREDITS)</b>				
ENGL& 101 or 101D	English Composition I	5	_____	_____
MATH& 107 (or higher)	Math in Society	5	_____	_____
BUS& 101	Introduction to Business	5	_____	_____
PSYC& 100	General Psychology	5	_____	_____
<b>Total Credits</b>		<b>20</b>		

<b>FIRE SCIENCE REQUIREMENTS (40 CREDITS)</b>				
FIRE 102	Introduction to the Fire Service	5	_____	_____
FIRE 103	Fire Company Basic Operations	3	_____	_____
FIRE 104	Fire Department Community Relations	3	_____	_____
FIRE 110	Fire Suppression Systems	3	_____	_____
FIRE 120	Pump Operations/Hydraulics	5	_____	_____
FIRE 122	Fire Company Strategy & Tactics I	3	_____	_____
FIRE 200	Fire Company Strategy & Tactics II	5	_____	_____
FIRE 202	Fire Investigations	3	_____	_____
FIRE 203	Building Construction for Fire Protection	5	_____	_____
FIRE 205	Fire Department Company Officer	5	_____	_____
<b>Total Credits</b>		<b>40</b>		

## ELECTIVES (30 credits): Advising is required for the Fire Science degree and Instructor Permission is required to register.

In selecting electives, see courses listed below and other courses listed on the AAS-DTA list. Please note only 3 credits for PEHW activity courses, numbered 100 and above, may be transferred.

FIRE 100	Firefighter Academy	22	_____	_____
EMS 151	Emergency Medical Technician	13	_____	_____
FIRE 240	Instructor I Certification	3	_____	_____
FIRE 249	Wildland Fire Fighting	2.5	_____	_____
FSM 218	Fire Officer I	5	_____	_____
FSM 220	Fire Officer II	5	_____	_____
CMST& 210	Interpersonal Communication	5	_____	_____
SOC& 101	Introduction to Sociology	5	_____	_____
ENGL& 230	Technical Writing	5	_____	_____
PEHW 119	Speed, Agility & Quickness	1-2	_____	_____

## TO EARN AN ASSOCIATE IN APPLIED SCIENCES-T DEGREE IN FIRE SCIENCE: 90 CREDITS

**NOTE:** If certificates or other college transcripts are presented for the Fire Science degree, EvCC requires a minimum of 30 credits earned at EvCC before requesting a degree.

Firefighter I and EMT state certifications can be used for equivalency credits.

A minimum 2.0 cumulative GPA is required for the AAS-T Degree.

Everett Community College does not discriminate based on, but not limited to, race, color, national origin, citizenship, ethnicity, language, culture, age, sex, gender identity or expression, sexual orientation, pregnancy or parental status, marital status, actual or perceived disability, use of service animal, economic status, military or veteran status, spirituality or religion, or genetic information in its programs, activities, or employment. The Title IX Coordinator has been designated to handle inquiries regarding nondiscrimination policies and can be reached at 2000 Tower Street, Everett, WA 98201, TitleIXCoordinator@everettcc.edu, or 425-388-9271.

This guide is effective **December 2017**. The College reserves the right to change courses, programs, degrees and requirements. It is the student's responsibility to be aware of correct information by routinely checking with Enrollment Services and/or the advisors listed in this publication. Requirements applicable to all certificates and degrees are published in the College Catalog. Nothing contained herein shall be construed to create any offer to contract or any contractual rights. For more information, call 425-388-9219, Everett Community College, 2000 Tower Street, Everett, WA 98201, www.everettcc.edu