

## **PROGRAM PLANNING GUIDE**

### **FIRE AND EMERGENCY SERVICES TECHNOLOGY 2008-2009 Associate in Technical Arts**

**PROGRAM DESCRIPTION:** The Fire and Emergency Services Technology program at South Puget Sound Community College educates men and women who are seeking careers in the fire service and/or who are already employed, but wish to earn an Associate in Technical Arts Degree in Fire and Emergency Services Technology. Students have the opportunity to obtain IFSAC Firefighter I Certification at the end of their first year and IFSAC Firefighter II Certification at the end of their second year. Students enrolled in the fire related programs are accepted once a year and courses begin in the Fall. This is a limited enrollment program accepting 30 new students each Fall.

**PROGRAM OUTCOMES:** South Puget Sound Community College believes that all students need to develop a broad range of abilities that will not only make them more effective in their professional pursuits but will enhance their capacity to relate well to others in their daily lives. Therefore students who complete an ATA in Fire and Emergency Services Technology will:

- Demonstrate the following skill standards based on NFPA 1001 Fire Fighter Professional Qualification 2002 edition and NFPA 472, Standard for Professional Competence of Responders to Hazardous materials Incidents meeting the requirements of WAC 296-62-3112:
  - Use Self contained Breathing Apparatus during emergency operations
  - Don personal protective clothing within one minute
  - Doff personal protective clothing and prepare for reuse
  - Mounting and dismounting procedures for riding fire apparatus
  - Prohibited practices while operating on or near a fire apparatus
  - Operate as a team member in vision-obscured conditions
  - Evaluate areas for hazards
  - Carry, raise extend ladders and lock flies
  - Conduct a search and rescue in a structure
  - Attack an interior structure fire
- Gather information about, understand and explain clearly to others concepts relevant to successful performance in the field of firefighting.
- Think logically and critically and apply these thinking skills to the firefighting field.
- Communicate effectively in oral, written and graphic form.
- Apply fundamental quantitative and computation skills.
- Understand themselves and others as they interact in a global environment.
- Demonstrate skills in dealing with differences and managing interpersonal relationships.
- Understand fundamental ethical issues and their related responsibilities and liabilities.

#### **PROGRAM INFORMATION:**

##### **General Admission Information:**

Admission will be offered to the first 30 applicants to complete all admission requirements. Attendance at an Orientation Session must be completed prior to your application to the Fire and Emergency Services Technology program. Admission to the Fire and Emergency Services Technology program is a separate procedure from admission to the college (see application to college below). The application form attached to this guide is the program application, not the general application to the college.

##### **Attendance at an Orientation Information Session:**

These are held the first Tuesday of every month, December through July, at 1:00 p.m. Orientation sessions are held at Thurston County Fire District 9 headquarters, 125 Delphi Road, Tumwater 98502. Please call the Program Coordinator, at (360) 866-1000 to confirm your attendance. Plan on a minimum of 1½ hours for this meeting.

##### **Placement Test or Waiver of Basic Skills Testing:**

Complete the Computerized Placement Test (CPT) and place at college level in the three basic skills (English, reading, math), or complete the equivalent courses. The test may be waived based on previous college courses in math and English. The CPT should be taken as early in the application process as possible. Test scores will identify the need for courses to meet enrollment requirements. Applicants not meeting the minimums by the end of summer quarter may not be considered for admission into the Fire and Emergency Services Technology Program.

**Application to the Fire and Emergency Services Technology Program:**

Applications can be picked up at the college or at the orientation session. Completed applications will be returned to South Puget Sound Community College, Office of Enrollment Services. Applications will be accepted beginning December 1st of each year.

**Application to the College:**

This is not the application for the Fire and Emergency Services Technology Program. Application to the college is necessary only if you plan to enroll in basic skill or General Education courses prior to the start of the Fire and Emergency Services Technology program or in the event you are not accepted to the Fire and Emergency Services Technology program in the Fall and you want to enroll in another program or take other courses.

**Undergo and Pass a Routine Criminal Background/Driver's License Check.**

Due to the sensitive nature and confidential aspects of the work of a firefighter, all applicants must pass a routine Criminal Background Check and Driver's License check. Each applicant is responsible for submitting signed consent forms and payment of the appropriate record search fees.

**Attend and Pass a Physical Agility Test.**

These are held February through July. You will be notified of your scheduled test date. It is mandatory that you attend.

**Graduation from High School or Completion of GED.**

High school transcript indicating graduation or GED scores must be on file in Enrollment Services. Have official transcripts or GED scores sent to South Puget Sound Community College, Office of Enrollment Services, no later than June 2. Current high school seniors will be allowed additional time.

**Successfully Pass a Doctors Medical Examination and Drug Screening.**

This examination will be conducted by the fire district's physician, on a cost-sharing basis. The exam forms must be signed by our doctor and returned to the Program Coordinator at Fire District 9 Headquarters, 125 Delphi Road, Tumwater, Washington 98502.

According to PPG# 2447: (1.0 Policy/Section 1.1) McLane Fire and Life Safety shall maintain entry level drug testing practices in order to achieve an alcohol and drug free workplace.

**Length of Program:**

Full-time students typically complete this program in six quarters, after basic skills are complete.

**Costs:**

Tuition is subject to change by the State Legislature. Detailed tuition information is available in the quarterly class schedule. Tuition and fees do not include the cost of textbooks and supplies.

**Additional Costs:**

Estimated Costs: The following are approximate additional costs for the Fire and Emergency Services Program per year.

1. Books \$ 550.00 per year
2. Boots \$ 165.00 - \$225.00

**Advisors:**

Program Coordinator at (360) 866-1000 or the Office of Enrollment Services (360) 596-5242.

**Special Program Note:**

A derogatory return of a background check or driver's license check will not constitute disqualification from enrollment; however, it will prohibit the student from response activities with the cooperating agency, Thurston County Fire District #9, which will result in a failing grade.

All basic skills, core and general education courses must be completed with a grade of "C" or better.

Applicants will be required to attend and complete a 120 hour Recruit class, beginning the last week in August, designed to expose the applicant to basic fire service knowledge and tasks. NOTE: This recruit class is strenuous in nature and could subject the applicant to physically demanding work in hot weather conditions. Medical exam MUST be completed prior to this course.

**Basic Skills Requirement:**

English, Reading, or Math may be required based on placement testing. Basic skill deficiencies must be completed prior to acceptance in the Fire and Emergency Services Technology program.

ENGL 097 Basic Writing II

READ	097	Analytical Reading II	5
MATH	094	Basic Algebra	5

**Associate Degree:**

An Associate in Technical Arts degree will be awarded upon successful completion of a minimum of 90 credits in courses numbered 100 or above. All core and general education list requirements must be met, with any additional credits to be selected as electives. Courses included in the core may satisfy general education list requirements.

**Core Requirements:**

FEST	100	Firefighter Recruit Academy	8
FEST	101	Fire Related Experience I	5
FEST	102	Fire Related Experience II	5
FEST	103	Fire Related Experience III	5
FEST	110	Firefighter I - 1	5
FEST	111	Firefighter I - 2	5
FEST	112	Firefighter I - 3	5
FEST	120	Emergency Medical Technician	8
FEST	122	NFPA 1002 Driver Operator I Pump Construction	3
FEST	125	NFPA 1002 Driver Operator II - Water Supply	3
FEST	201	Fire Related Experience IV	5
FEST	202	Fire Related Experience V	5
FEST	203	Fire Related Experience VI	5
FEST	210	Firefighter II - 1	5
FEST	211	Firefighter II - 2	5
FEST	212	Fire Service Career Preparation	5

**Electives:** Students may choose any of the elective courses listed below.

**Specialized Firefighting and Rescue**

FEST	215	Rescue Systems	5
FEST	216	Confined Space/Trench Rescue	4
FEST	217	Hazardous Materials Operations	3
FEST	232	Firefighter Type II	3

**Inspection, Codes and Prevention**

FEST	205	Fire Safety Education	3
FEST	206	Fire Codes	3
FEST	220	Fire Investigation	3

**Paramedic Preparation Track**

CHEM&	121	Introduction to Chemistry (formerly CHEM 101)	5
BIOL&	241	Human Anatomy and Physiology I (formerly BIOL 205)	5
BIOL&	242	Human Anatomy and Physiology II (formerly BIOL 206)	5
MED	103	Medical Terminology I	3

**General Education Requirements:**

Complete a minimum of three credits from each of the four categories: Reading/Writing; Listening/Speaking; Computation; and Human Relations. Unless specific courses are listed below, refer to the General Education List for the Associate of Technical Arts/Associate Degree Nursing/Certificate of Completion.

For an ATA, a single course may not be used to satisfy more than one category.

**Communication**

Reading/Writing			
ENGL&	101	English Composition I (formerly WRIT 101)	5
Speaking/Listening			
CMST&	220	Public Speaking (formerly SPCH 101)	5

		<i>or</i>	
CMST&	230	Small Group Communication (formerly SPCH 115)	5
		<i>or</i>	
<b>CMST</b>	<b>240</b>	Intercultural Communication (formerly SPCH 105)	5
		<i>or</i>	
ENGL&	235	Technical Writing (formerly TCOM 106)	5
<b>Computation</b>			
MATH	101	Technical Mathematics I	5
<b>Human Relations</b>			
CMST&	230	Small Group Communication (formerly SPCH 115)	5
		<i>or</i>	
<b>HUM</b>	<b>121</b>	Multicultural America, Past to Present	5
		<i>or</i>	
<b>PSYC</b>	<b>116</b>	Psychology of Human Relations	5

**Cooperative Work Experience/Internships:**

Cooperative Work Experience is the internship program at South Puget Sound Community College and offers students an opportunity to receive college credit for paid or unpaid work experience related to their educational goals. This program gives students an opportunity to apply their skills while still in college.

The Cooperative Work Experience/Internship Office number is (360) 596-5359. Please call for an appointment.

For more information, contact the Program Coordinator at (360) 866-1000 or Cooperative Work Experience/Internship office at (360) 596-5359 (Bldg 22-204) or at <http://www.spscc.ctc.edu/internship/>

**DIVERSITY REQUIREMENT:** South Puget Sound Community College requires all new students seeking an Associate Degree to complete a “diversity” course which meets the college criteria for listing as a diversity course and has been approved for such listing by the college Instruction Council prior to the student enrolling in the class.

**OFFICE OF CIVIL RIGHTS COMPLIANCE STATEMENT:** South Puget Sound Community College’s equal opportunity policy prohibits discrimination in our services and in employment against any person on the basis of race or ethnicity, creed, color, national origin, sex, marital status, sexual orientation, age, religion, Vietnam-era or disabled veteran status, or the presence of any sensory, physical or mental disability except in the case of a bona fide occupation qualification. South Puget Sound Community College is an equal opportunity/affirmative action employer and complies with the Americans with Disabilities Act (ADA).

**Effective:** Summer 2008

**Revised:** April 15, 2008

**FIRE AND EMERGENCY SERVICES TECHNOLOGY ATA PROGRAM**

<b>FIRST YEAR PROGRAM</b>			<b>SECOND YEAR OF PROGRAM</b>		
<b>FALL QUARTER</b>			<b>FALL QUARTER</b>		
		<b>CREDITS</b>			<b>CREDITS</b>
FEST 100	Firefighter Recruit Academy	8	FEST 201	Fire Related Experience IV	5
FEST 101	Fire Related Experience I	5	FEST 212	Fire Service Career Preparation	5
FEST 110	Firefighter I – 1	5	FEST	Elective	3 – 5
FEST 122	NFPA 1002 Driver Operator I Pump Construction	3	ENGL& 235	Technical Writing	5
ENGL& 101	English Composition I	5	<b>Total 18-20</b>		
<b>Total 26</b>			<b>WINTER QUARTER</b>		
<b>WINTER QUARTER</b>			<b>WINTER QUARTER</b>		
FEST 102	Fire Related Experience II	5	FEST 202	Fire Related Experience V	5
FEST 111	Firefighter I- 2	5	FEST 210	Firefighter II – 1	5
FEST 125	NFPA 1002 Driver Operator II – Water Supply	3	FEST	Elective	3 – 5
FEST 120	Emergency Medical Technician	8	MATH 101	Technical Mathematics I	5
<b>Total 21</b>			<b>Total 18-20</b>		
<b>Spring Quarter</b>			<b>SPRING QUARTER</b>		
FEST 103	Fire Related Experience III	5	FEST 203	Fire Related Experience VI	5
FEST 112	Firefighter I- 3	5	FEST 211	Firefighter II – 2	5
FEST	Electives	3 – 5	FEST	Elective	3 – 5
<b>Total 13-15</b>			PSYC 116	Psychology of Human Relations	5
			<b>Total 18-20</b>		

<b>TOTAL DEGREE CREDITS</b>	112
<b>TOTAL CREDITS W/PM PREP OPTION</b>	118
<b>TOTAL CREDITS W/SPECIALIZED FF</b>	116

**FIRE AND EMERGENCY SERVICES TECHNOLOGY ELECTIVE OPTIONS**

<b>SPECIALIZED FIREFIGHTING AND RESCUE</b>			<b>PARAMEDIC PREPARATION TRACK</b>		
		<b>CREDITS</b>			<b>CREDITS</b>
FEST 215	Rescue Systems (Sp)	5	CHEM&121	Introduction to Chemistry	5
FEST 216	Confined Space/Trench Rescue (W)	4	BIOL& 241	Human Anatomy and Physiology I	5
FEST 217	Hazardous Materials Operations (F)	3	BIOL& 242	Human Anatomy and Physiology II	5
FEST 232	Firefighter Type II (Sp)	3	MED 103	Medical Terminology I	3

<b>INSPECTION, CODES, AND PREVENTION</b>		
		<b>CREDITS</b>
FEST 205	Fire Safety Education (Sp)	3
FEST 206	Fire Codes (F)	3
FEST 220	Fire Investigation (W)	3