

FIRE TECHNOLOGY – Major (A.S.) and Certificate

Fire Technology involves the study of fire behavior, protection and control techniques, including the understanding of the environment and ecology systems involved. The Fire Technology program is designed to prepare students for entry-level status in public or private fire protection agencies, to survey career options and opportunities, and to upgrade fire personnel.

The Associate Degree in fire technology is designed to expand skills/knowledge in the areas of building and life safety, fire prevention, and fire protection services for the transition from Firefighter to Fire Officer. Thirty-three (33) units are required for this major. Completion of six (6) core courses recommended prior to commencing 200 courses. Contact the Nursing and Allied Health Division for more specifics.

Learning Outcome(s):

1. Students will be able to apply emergency incident management strategies in relationship to incident command systems in public and private fire protection careers.
2. Students will demonstrate management concepts and practices including decision making, leader styles, personnel evaluations & counseling techniques.
3. Students will demonstrate knowledge of the different types of non-water based fire suppression systems and how each is used to extinguish fire.

ASSOCIATE DEGREE PROGRAM

The Associate in Arts (AA) or the Associate in Science (AS) Degree involves satisfactory completion of a minimum of 60 semester units with a C average or higher, including grades of C in all courses required for the major, and fulfillment of all IVC district requirements for the associate's degree along with all general education requirements. The degree provides a sound basis for transfer to upper division institutions for additional degrees or for higher vocational preparation. To be eligible to receive an Associate Degree the student must complete the requirements for the major, the District requirements for an Associate Degree, and the General Education requirements. In addition, students must maintain a minimum grade point average and meet the minimum grade requirements of their program. Detailed information is available in the college catalog.

CERTIFICATE OF ACHIEVEMENT PROGRAM

The Certificate of Achievement program is designed for students with personal or occupational goals who wish early employment. To qualify for the Certificate, a student must satisfy the following requirements: (1) complete all courses listed for a particular certificate.; (2) achieve a "C" average (2.0 GPA) for all courses used to complete the certificate; and, (3) file a Certificate Application form with Admissions and Records by the appropriate deadline(s) identified on the application.

Transfer Preparation

Courses that fulfill major requirements for an associate degree at Imperial Valley College may not be the same as those required for completing the major at a transfer institution offering a bachelor's degree. Students who plan to transfer to a four-year college or university should schedule an appointment with an IVC Counselor to develop a student education plan (SEP) before beginning their program.

Transfer Resources:

www.ASSIST.org – CSU and UC Articulation Agreements and Majors Search Engine

www.CSUMentor.edu – CSU System Information

www.universityofcalifornia.edu/admissions/index.html - UC System Information

www.aiccu.edu – California Independent Colleges and Universities, Association of

<http://wiche.edu/wue> - Western Undergraduate Exchange Programs

FINANCIAL AID

Paying for the cost of a college education requires a partnership among parents, students and the college. As the cost of higher education continues to rise we want you to know that IVC offers a full array of financial aid programs – grants, work study, scholarships, and fee waivers (we do not participate in the federal loan programs). These programs are available to both full and part time students who are seeking a degree or certificate. For those who qualify, financial aid is available to help with tuition, fees, books and supplies, food, housing, transportation, and childcare. Please log onto our website for additional information: www.imperial.edu/students/financial-aid-and-scholarships

CAREER OPPORTUNITIES

City and County Fire Department Personnel, Forestry Fire Control

FIRE TECHNOLOGY Major (A.S.) and Certificate

Thirty-three (33) units required for the major.

ALL COURSES FOR THIS MAJOR MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

I. Required courses for the major (18.0 units)		Units: 18.0
FIRE 100	Fire Protection Organization	3.0
FIRE 101	Fire Prevention Technology	3.0
FIRE 102	Fire Protection Equipment and Systems	3.0
FIRE 103	Building Construction for Fire Protection	3.0
FIRE 104	Fire Behavior Combustion	3.0
FIRE 108	Fire & Emergency Services Safety and Survival	3.0
II. Select 15.0 units from the following acceptable courses for the major		Units: 15.0
AJ 108	Public Safety Report Writing [*]	3.0
CIS 101	Introduction to Information Systems	3.0
EMT 105	Emergency Medical Technician I [*]	7.5
FIRE 109	Hazardous Materials for First Responders [*]	2.0
FIRE 220	Fire Apparatus Driver/Operator 1A ^{**}	2.5
FIRE 221	Fire Apparatus Driver/Operator 1B	2.5
FIRE 222	Fire Investigation 1A	2.5
FIRE 223	Fire Investigation 1B	2.5
FIRE 231	Incident Command System 300	1.5
FIRE 246	Company Officer 2A: Human Resource Management	2.5
FIRE 247	Company Officer 2B: General Administrative Functions	1.5
FIRE 248	Company Officer 2C: Fire Inspections and Investigations	2.5
FIRE 249	Company Officer 2D: All-Risk Command Operations	2.5
FIRE 250	Company Officer 2E: Wildland Incident Operations	2.5

^{*}Recommended - AJ 108, EMT 105, and FIRE 109

^{**}FOR FIRE 220-240: Core courses required. Fire Fighter II and/or experience requirements as mandated by State Fire Training Course Information and Required Materials Manual, California Department of Forestry and Fire Protection, May 2008.

Total: 33.0

Thirty-three (33) units required for the certificate.

ALL COURSES FOR THIS CERTIFICATE MUST BE COMPLETED WITH A MINIMUM GRADE OF "C" OR BETTER.

I. Required courses for the certificate (18.0 units)		Units: 18.0
FIRE 100	Fire Protection Organization	3.0
FIRE 101	Fire Prevention Technology	3.0
FIRE 102	Fire Protection Equipment and Systems	3.0
FIRE 103	Building Construction for Fire Protection	3.0
FIRE 104	Fire Behavior Combustion	3.0
FIRE 108	Fire & Emergency Services Safety and Survival	3.0
II. Select 15.0 units from the following acceptable courses for the certificate		Units: 15.0
AJ 108	Public Safety Report Writing [*]	3.0
CIS 101	Introduction to Information Systems	3.0
EMT 105	Emergency Medical Technician I [*]	7.5
FIRE 109	Hazardous Materials for First Responders [*]	2.0
FIRE 220	Fire Apparatus Driver/Operator 1A ^{**}	2.5
FIRE 221	Fire Apparatus Driver/Operator 1B	2.5
FIRE 222	Fire Investigation 1A	2.5
FIRE 223	Fire Investigation 1B	2.5
FIRE 231	Incident Command System 300	1.5
FIRE 246	Company Officer 2A: Human Resource Management	2.5
FIRE 247	Company Officer 2B: General Administrative Functions	1.5
FIRE 248	Company Officer 2C: Fire Inspections and Investigations	2.5
FIRE 249	Company Officer 2D: All-Risk Command Operations	2.5
FIRE 250	Company Officer 2E: Wildland Incident Operations	2.5

^{*}Recommended - AJ 108, EMT 105, and FIRE 109

^{**}FOR FIRE 220-240: Core courses required. Fire Fighter II and/or experience requirements as mandated by State Fire Training Course Information and Required Materials Manual, California Department of Forestry and Fire Protection, May 2008.

Total: 33.0