



Public Administration

Administration of Justice
Correctional Administration
Fire Technology

Programs in the Public Administration Department are designed to provide education and training in public safety and service, law enforcement and criminal justice, fire protection and related operations. Both theoretical and practical courses are offered.

Course Repeat Policy: Many inservice courses allow repeated enrollment. Students should be aware that repeatability policies allow a course repeat when either: (1) a less than satisfactory grade was earned, or (2) course content has changed significantly since the previous enrollment. For purposes of this section, course repeats to acquire new content will be approved if two or more years have passed since the previous enrollment.

Bakersfield College’s Regional Fire Technology Academy (RFTA) was authorized by the California Fire Service Training and Education System (CFSTES) in 1980, with programs of study leading to Certified Fire Officer, Certified Chief Officer and Certified Fire Chief. RFTA sponsors many cooperative training programs with federal, state and local fire protection agencies.

Individuals may develop a program suitable to their career goals with the aid of a college counselor. Courses may lead to the achievement of specific career goals, immediate employment, an Associate Degree, or transfer credits that satisfy requirements for a Bachelor’s Degree in Criminology, Police Science, Correctional Administration or Fire Technology.

CERTIFICATES OF COMPLETION

Hazardous Materials

Required Courses: 8.5 units

Course Number	Title	Units
FIRE B70a	Hazardous Material for First Responders (In-service Training)	1.0
FIRE B70b	First Responder “Operational” Decontamination	0.5
FIRE B70c	Hazardous Materials Incident Commander/Scene Manager	1.0
FIRE B70d	Hazardous Materials Tech/Spec 1A: Basic Chemistry	1.0
FIRE B70e	Hazardous Materials Tech/Spec 1B: Applied Chemistry	1.0
FIRE B70f	Hazardous Materials Tech/Spec 1C: Incident Considerations	1.0
FIRE B70g	Hazardous Materials Tech/Spec 1D: Tactical Field Operations	1.0
FIRE B70h	Hazardous Materials Tech/Spec 1E: Special Mitigation Techniques	1.0
FIRE B70i	Hazardous Materials Tech/Spec 1F: Advanced Field Operations	1.0

Wildland Fire Control

Required Courses: 4 units

Course Number	Title	Units
FIRE B71a	Seasonal Firefighter Basic Training 1	2.0
FIRE B71b	Seasonal Firefighter Basic Training 2	1.5
FIRE B71e	Wildland Fire Behavior and Control	0.5

Rescue And Life Safety

Required Courses: 10.5 units

Course Number	Title	Units
FIRE B72a	Heavy Duty Rescue 1	0.5
FIRE B72b	Heavy Duty Rescue 2	0.5
FIRE B72c	Heavy Duty Rescue 3	1.0
FIRE B72d	Swift Water Rescue	1.0
FIRE B72e	Advanced Swift Water Rescue	1.0
FIRE B72f	Auto Extrication	0.5
FIRE B72g	Aircraft Fire Protection and Rescue Procedures	1.0
FIRE B72h	Emergency Medical Technician 1 Non-Ambulance	4.0
FIRE B72i	Emergency Medical Technician 1 Non-Ambulance Recertification	1.0

Specialized Training Programs

Required Courses: 7- 14 units

Course Number	Title	Units
FIRE B74	Petroleum Fire Procedures	0.5
FIRE B75	Fire Fighting Techniques	0.5
FIRE B76	Fire Fighting Skills	3.0
FIRE B77	Advanced Structure Fire Training	0.5
FIRE B78	Advanced Officer Training	0.5
FIRE B79	Instructor Orientation	0.5
FIRE B81	Orientation to Fire Technology	0.5
FIRE B83	Topics in Incident Command System Part I	0.5-4.0
FIRE B84	Topics in Incident Command System Part II	0.5-4.0

Fire Officer Certification (Nfpa Standard 1021)

Required Courses: 20 units

Course Number	Title	Units
FIRE B51a	Fire Management 1a	2.0
FIRE B51b	Fire Command 1a	2.0
FIRE B51c	Fire Command 1b	2.0
FIRE B51d	Fire Prevention 1a	2.0
FIRE B51e	Fire Prevention 1b	2.0
FIRE B51f	Fire Investigation 1a	2.0
FIRE B51g	Fire Instructor 1a	2.0
FIRE B51h	Fire Instructor 1b	2.0
FIRE B51i	Fire Prevention 1c	2.0
FIRE B51j	Fire Investigation 1b	2.0

Fire Inspector Certification

Required Courses: 6 units

Course Number	Title	Units
FIRE B51d	Fire Prevention 1A	2.0
FIRE B51e	Fire Prevention 1B	2.0
FIRE B51i	Fire Prevention 1C	2.0

For State Fire Marshall Office Certification, students must also meet prerequisite requirements: certified Firefighter II or completion 5 three-unit Fire Technology core courses and a minimum of 1 year experience as a paid, full-time firefighter or fire inspector.

Chief Officer Certification (Nfpa Standard 1021)**Required Courses: 22 units**

Course Number	Title	Units
FIRE B50a	Fire Command 2-Command Tactics at Major Fires	2.0
FIRE B50b	Fire Command 2b-Scene Management at Major Incidents	2.0
FIRE B50c	Fire Command 2c-High-Rise Fire Tactics	2.0
FIRE B50d	Fire Command 2d-Management of Large-Scale Disasters	2.0
FIRE B50e	Fire Command 2e-Wildland Fire Tactics	2.0
FIRE B50f	Fire Management 2a-Organizational Development and Human Relations	2.0
FIRE B50g	Fire Management 2b-Finance and Business Management for Chief Officers	2.0
FIRE B50h*	Fire Management 2c-Computer Application for the Fire Service	2.0
FIRE B50i	Fire Management 2d-Master Planning	2.0
FIRE B50j	Fire Management 2e-Staff Assignments and Line Functions	2.0
FIRE B50k*	Fire Investigation	2.0

*Courses are offered from State Fire Marshall's Office only.

Driver/Operator Certification**Required Courses: 5 units**

Course Number	Title	Units
FIRE B59	Fire Service Hydraulics	2.0
FIRE B60	Driver/Operator Certification	3.0

Firefighter I Certification**Required Courses: 11 units**

Course Number	Title	Units
FIRE B61	Fire Fighter Trainee Academy	3.0
FIRE B62	Fire Fighter I Academy	8.0

Firefighter II Certification**Required Courses: 6 units**

Course Number	Title	Units
FIRE B63	Fire Fighter II Academy	6.0

Volunteer Firefighter Certification**Required Courses: 5.5 units**

Course Number	Title	Units
FIRE B64a	Beginning Volunteer Firefighter	1.0
FIRE B64b	Advanced Volunteer Fire Fighter Certification	4.5

CERTIFICATES OF ACHIEVEMENT**Fire Technology Certificate****Required Courses: 29 units**

Course Number	Title	Units
FIRE B1	Introduction to Fire Technology	3.0
FIRE B2 or ENVT B1ab	Fundamentals of Personal Safety and Emergency Action	3.0
FIRE B3 or FIRE B51b	Introduction to Hazardous Materials and Safety Technology	3.0
	Fundamentals of Fire Service Operations	3.0
	Fire Command 1A (2.0)	

FIRE B4	Fundamentals of Fire Protection Chemistry	3.0
FIRE B5 or FIRE B51d & FIRE B51e	Fundamentals of Fire Prevention	3.0
	Fire Prevention 1A (2.0)	
	Fire Prevention 1B (2.0)	
EMTC B1	Emergency Medical Care	4.0

General Education Courses: at least 5 units

ENGL B60 or ENGL B1 or ENGL B1a	Basic Writing Skills	4.0
	Introductory Composition	
	Expository Composition	
PSYC B1a or SOCI B1	General Psychology	3.0
	Introduction to Sociology	
SPCH B1	Speech Communication	3.0

Note: FIRE B1 and B2 are waived for students who have a minimum of 2 years service as a paid, full-time firefighter. Elective Fire Technology courses or 6 units of fire service related cooperative work experience must be substituted for courses waived. A G.P.A. of at least 2.0 is required in the certificate program. Of the 30 units required, a minimum of 12 units must be completed at Bakersfield College.

ASSOCIATE IN ARTS DEGREE PROGRAMS

Students must comply with the requirements as shown in the catalog under Graduation Requirements. Counselors/advisors will assist students in planning for an associate degree.

Administration Of Justice

This program provides a course of study to prepare students for employment in private or public criminal justice agencies which are wide and varied.

Required Courses: 24 units

Course Number	Title	Units
ADMJ B1	Introduction to Administration of Justice	3.0
ADMJ B2	Criminal Law	3.0
ADMJ B3	Introduction to Evidence	3.0
ADMJ B4	Constitutional Criminal Procedure	3.0
ADMJ B5	Community Relations	3.0
ADMJ B12	Legal and Scientific Aspects of Evidence	3.0

Electives: at least 6 units.

Course Number	Title	Units
ADMJ B8	Criminal Investigation	3.0
ADMJ B9	Juvenile Procedures	3.0
ADMJ B10	Organized Crime	3.0
ADMJ B16	Supervision and Leadership	3.0

Recommended for CSU

Course Number	Title	Units
ADMJ B9	Juvenile Procedures	3.0
ADMJ B12	Legal and Scientific Aspects of Evidence	3.0
PSYC B1a	General Psychology	3.0
SOCI B1	Introduction to Sociology	3.0

Correctional Administration

Corrections is the part of the criminal justice system responsible for juveniles and adults who have been charged with or convicted of a criminal offense. It involves working with the

individual at the local, state, or federal level of government. Corrections professionals subscribe to the philosophy of protecting society and aiding in the rehabilitation of the offender. The Correctional Administration Program is designed to expose the student to different aspects of the correctional system. This pattern of coursework has been endorsed by the Joint Apprenticeship Committee of the California Department of Corrections, California Youth Authority, and the California Correctional Peace Officers Association as a program which would be of benefit to apprentices and correctional peace officers.

Required Courses: 21 units

Course Number	Title	Units
CADM B1	Introduction to Correctional Administration	3.0
CADM B2	Institutional Supervision and Treatment of the Offender	3.0
CADM B3	Fundamentals of Interviewing and Counseling	3.0
CADM B50	Correctional Writing	3.0
CADM B60	Legal Aspects of Corrections	3.0
ADMJ B2	Criminal Law	3.0

Electives: at least 3 units

Course Number	Title	Units
ADMJ B5	Community Relations	3.0
ADMJ B9	Juvenile Procedures	3.0
CADM B4	Fundamentals of Probation and Parole	3.0

Fire Technology

Required Courses: 22 units

Course Number	Title	Units
FIRE B1	Introduction to Fire Technology	3.0
FIRE B2	Fundamentals of Personal Fire Safety and Emergency Action	3.0
FIRE B3	Fundamentals of Fire Service Operations	3.0
FIRE B4	Fundamentals of Fire Protection Chemistry	3.0
FIRE B5	Fundamentals of Fire Prevention	3.0
FIRE B6	Fundamentals of Fire Protection Systems and Equipment	3.0
FIRE B72h	Emergency Medical Technician 1-Non-Ambulance	4.0

ASSOCIATE IN SCIENCE DEGREE PROGRAM

Fire Technology

Required Courses: 32 units

Course Number	Title	Units
FIRE B1	Introduction to Fire Technology	3.0
FIRE B2	Fundamentals of Personal Fire Safety and Emergency Action	3.0
FIRE B3	Fundamentals of Fire Service Operations	3.0
FIRE B4	Fundamentals of Fire Protection Chemistry	3.0
FIRE B5	Fundamentals of Fire Prevention	3.0
FIRE B6	Fundamentals of Fire Protection Systems and Equipment	3.0
FIRE B72h	Emergency Medical Technician 1-Non-Ambulance	4.0
FIRE B51a	Fire Management 1A	2.0
FIRE B51b	Fire Command 1A	2.0
FIRE B51c	Fire Command 1B	2.0

FIRE B51d	Fire Prevention 1A	2.0
FIRE B51e	Fire Prevention 1B	2.0

COURSE DESCRIPTIONS

The following abbreviations are commonly used in the course descriptions: **lect** lecture; **lab** laboratory; **demo** demonstration; **Repeat** repeatability (see policy on course repetition); **CCS** Course Classification System. Hours given in parentheses are total hours for the course. Hours lecture, lab, etc., are hours required per week usually. **Offered:** F=course is offered fall semester; S=course is offered spring semester; SS=course is offered summer session. If there is no designation, the course is offered irregularly. Check with the department for information. Many classes are offered occasionally during the summer. Check the summer class schedule for additional course listings. Prerequisites are expressed as minimum requirements. (CSU) indicates transferable to California State Universities; (UC) indicates transferable to University of California.

ADMINISTRATION OF JUSTICE

Credit limitations may apply. For specific information see a counselor and the department chair. Visit the Criminal Justice Department website at www2.bc.cc.ca.us/criminaljus/

ADMJ B1 Introduction to Administration of Justice (3 units)

History and philosophy of justice as it evolved throughout the world; an overview of America's criminal justice system and its sub-systems; roles and role expectations of criminal justice professionals; theories of crime causation, punishment and rehabilitation; ethics, and multicultural awareness and education. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect. Field trips required. **Offered:** F, S. **CCS:** Occupational Education. **Transferable:** UC, CSU and private colleges. (CAN AJ 2)

ADMJ B2 Criminal Law (3 units)

Historical development, philosophy of law and constitutional provisions; definitions, classification of crimes, and their application to the criminal justice system; legal research, review of case law, methodology and concepts of law as a social force. Explores crimes against persons, property, and the state as a social, religious, and historical ideology. Fulfills educational requirements of C.P.O.S.T. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect. **Offered:** F. **CCS:** Occupational Education. **Transferable:** UC, CSU and private colleges.

ADMJ B3 Introduction to Evidence (3 units)

Origin, development, philosophy and constitutional basis of the law of evidence; constitutional and procedural considerations affecting arrest, search and seizure, kinds of degrees of evidence and rules governing admissibility; judicial decisions interpreting individual rights and case studies viewed from a conceptual level. **Recommended:** Reading Level 5 or 6.

Hours: (54) 3 lect. **Offered:** S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ADMJ B4 Constitutional Criminal Procedure (3 units)

Legal processes from pre-arrest, arrest through trial, sentencing and correctional procedures; a review of the history of case and common law; conceptual interpretations of law as reflected in court decisions; a study of case law methodology and case research as the decisions impact upon the procedures of the justice system. **Recommended:** Reading Level 5 or 6 and/or ADMJ B2 and/or ADMJ B3. **Hours:** (54) 3 lect.

Offered: S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ADMJ B5 Community Relations (3 units)

The relationship of criminal justice agents and the community; causal and symptomatic aspects of community perceptions; lack of cooperation and trust; study of behavioral causes; strategies to develop and enhance multi-cultural awareness and harmonious relationships. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect. Field trips required. **Offered:** F. **CCS:** Occupational Education. **Transferable:** UC, CSU and private colleges.

ADMJ B8 Criminal Investigation (3 units)

Fundamentals of criminal investigation; investigator skill requirements; modus operandi determination; the collection, identification and preservation of physical evidence; crime scene investigation; interviews and interrogations; sources of information; surveillance; field note-taking and report writing; courtroom preparation; and the investigation of specific crimes. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect. **Offered:** S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

(CAN AJ 8)

ADMJ B9 Juvenile Procedures (3 units)

Techniques of handling juvenile offenders and victims; prevention and repression of delinquency, diagnosis and referral; organization of community resources; juvenile law and juvenile court procedures. **Recommended:** Reading Level 5 or 6 and/or ADMJ B1. **Hours:** (54) 3 lect. **Offered:** S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ADMJ B10 Organized Crime (3 units)

Interrelations of organized crime to the community; impact of covert criminal activities upon the social structure; symptoms of organized crime activity, i.e., narcotics and white collar crime; political influences in the legal system; and manage-

ment of crime control units. **Recommended:** Reading Level 5 or 6 and/or ADMJ B1. **Hours:** (54) 3 lect. **Offered:** F. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ADMJ B12 Legal and Scientific Aspects of Evidence (3 units)

The collection, identification, preservation and transportation of physical evidence found at crime scenes. The use of photography, molds, casts and moulage masks to preserve evidence. Fingerprint examinations, classification and preservation of prints. Familiarization with polygraph examination. Identification of handwriting and typewriting. Firearms identification. Importance of hair, fibers, dust and blood as evidence. Importance of laboratory examination and discussion of available facilities. Rules of evidence and testimony at trial. **Recommended:** Reading Level 5 or 6 and/or ADMJ B3. **Hours:** (54) 3 lect and assigned field trips. **Offered:** F. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ADMJ B16 Supervision and Leadership (3 units)

Study of supervisory and leadership principles in law enforcement environment; supervisory roles, functions, and responsibilities; communicating, interviewing and counseling; employees' complaints, grievances, and performance evaluations; personnel deployment, and training. Fulfills educational requirements of C.P.O.S.T. **Recommended:** Reading Level 5 or 6 and/or ADMJ B1. **Hours:** (54) 3 lect. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

ADMJ B60 PC 832, Arrest and Control Techniques (2 units)

Provides students with the required competencies and certifications in PC 832, Arrest & Control Techniques. **Hours:** (40) 6 lect, 4 lab for 4 weeks. **Offered:** F, S. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

ADMJ B61 PC 832 Firearms Training (1 unit)

Provides students with the required competencies and certifications in PC 832 Firearms. Student must be legally able to possess a firearm. **Prerequisite:** ADMJ B60. **Hours:** (24) 7 lect, 5 lab for 2 weeks. **Offered:** F, S. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

ADMJ B62 Campus Security (1 unit)

Provides students with the required competencies in accordance with SB1626. **Hours:** (32) 8 lect, 8 lab for 2 weeks. **Offered:** F, S. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

ADMJ B68 Peace Officers' Basic Academy (P.O.S.T.) (16 units)

Provides students with competencies set forth by P.O.S.T. to obtain a position as an entry-level peace officer. Covers

introduction to law enforcement, administration of justice, criminal law, evidence and investigation, community-police relations, patrol procedures, traffic control, juvenile procedures, physical fitness, defensive tactics, firearms, first aid and CPR, vehicle operations, domestic violence, field training and evaluation, and other related basic law enforcement topics. **Hours:** (760) 22 lect, 18 lab for 19 weeks. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

ADMJ B69 Public Safety Dispatcher (4 units)

Provides students with the required competencies and certifications for P.O.S.T. Public Safety Dispatcher. **Hours:** (120) 15 lect, 5 lab for 6 weeks. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

ADMJ B70a Advanced Officer Training P.O.S.T. (0.5 unit)

Cardiopulmonary resuscitation refresher (S and K Module #8); explosives and bomb familiarization (S & K Module #9); and critical issues facing law enforcement (S & K Module #10). Meets Commission on P.O.S.T. mandate for continuing professional training for all California peace officers. **Hours:** (9) 9 lect for 1 week. **Offered:** F, S, SS **CCS:** Occupational Education **Not Transferable:** Not degree applicable.

ADMJ B75 Managing Cultural Diversity in the Workplace (3 units)

Effective global management skills which are needed to benefit from an expanding international market, improve business communication with foreign nationals and minorities, and master the art of business protocol and cross-cultural courtesy; multicultural diversity occurring in the workplace; provides services to a multicultural population. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect/disc. **Offered:** F. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only. **Note:** Not open to students who have taken the equivalent course, MGMT B75.

CORRECTIONAL ADMINISTRATION

Credit limitations may apply. For specific information see a counselor or the transfer institution. Visit the criminal justice website at www2.bc.cc.ca.us/criminaljus/

CADM B1 Introduction to Correctional Administration (3 units)

A survey of the total "correctional cycle" and the relationships of its components. Included are: historical, theoretical and philosophical explanations of criminal behavior; statistics and research findings; employment opportunities; employment requirements. Fulfills educational requirements of C.P.O.S.T. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect. **Offered:** F. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

CADM B2 Institutional Supervision and Treatment of the Offender (3 units)

A survey of the basic knowledge and skills required of corrections personnel including treatment and supervision of offenders: programs, procedures, legal issues, and research in the correctional setting. **Recommended:** Reading Level 5 or 6 and/or CADM B1 (may be taken concurrently). **Hours:** (54) 3 lect/disc. **Offered:** S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

CADM B3 Fundamentals of Interviewing and Counseling (3 units)

A survey of the basic theories and techniques employed in interviewing and counseling by the correctional worker; traces the development of a meaningful relationship between client and caseworker; explores the various types of counseling employed with a correctional relationship, including group counseling. **Recommended:** Reading Level 5 or 6 and/or CADM B1 (may be taken concurrently). **Hours:** (54) 3 lect/disc. **Offered:** S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

CADM B4 Fundamentals of Probation and Parole (3 units)

Theory and techniques of probation/parole supervision, including historical development with emphasis on recent programs, research, and development in the field. **Recommended:** Reading Level 5 or 6 and/or CADM B1 (may be taken concurrently). **Hours:** (54) 3 lect/disc. **Offered:** F. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

CADM B50 Correctional Writing (3 units)

Emphasizes the practical aspects of gathering, organizing, and preparing written reports for correctional activities on local, state and federal levels. Covers techniques of communicating facts, information, and ideas effectively in a simple, clear and logical manner for various types of criminal justice system reports, letters, memos. Fulfills educational requirements of C.P.O.S.T. **Hours:** (54) 3 lect. **Offered:** F, S. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

CADM B54 Corrections Academy (7 units)

Introductory correctional officer training covering legal issues, administration management, operational responsibilities and report writing. **Hours:** (160) 16 lect for 10 weeks. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B57 Juvenile Counselor Academy (6 units)

Intended for students pursuing a career as Juvenile Counselors. Covers legal issues, classifications, interpersonal relationships and communication. Approved by State of California Standards and Training for Corrections (STC) for entry level Juvenile Counselors. **Hours:** (144) 16 lect for 9 weeks. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B58 Corrections Food Service Academy (4 units)

Covers legal issues, interpersonal relationships and communications between staff and inmates, writing reports, testifying in court, first aid and CPR, kitchen fire safety and preparation of meals under Title 15 requirements and guidelines. **Hours:** (120) 20 lect, 20 lab for 3 weeks. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B60 Legal Aspects of Corrections (3 units)

A survey of legal issues in the corrections environment, the civil rights of prisoners and responsibilities and liabilities of corrections officials. The historical framework, concepts and precedents that guide correctional practice. Fulfills educational requirements of the C.P.O.S.T. **Hours:** (54) 3 lect. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

CADM B70a Inmate Work/Training Incentive Program And Completing State Forms (0.5 Unit)

Intended for people working in the field of corrections. Provides training to document an inmate's performance in a work or academic assignment; also covers the use of written reports. Approved by State of California Standards and Training for Corrections (STC). **Hours:** (9) 9 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B70b Prison Gangs and Employee Post Trauma Program (0.5 unit)

Intended for people working in the field of corrections and law enforcement. Covers gang identification/activities and identifying post trauma syndrome. Approved by State of California Standards and Training for Corrections (STC). **Hours:** (9) 9 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B70c IST Drugs, Phase II & CCF Fire Safety (0.5 unit)

STC certified inservice training course primarily for individuals employed in the corrections field. Covers drug use recognition among inmates and CCF fire safety procedures in a correctional facility. **Hours:** (9) 9 lect for 1 week. **Repeat:** As needed for mandated training. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B70d First Aid and CPR for Corrections (0.5 unit)

Covers various aspects of CPR and First Aid including knowing when to administer CPR, how to position a victim for rescue breathing, proper CPR techniques for adults and children, and giving first aid to an unconscious or conscious choking victim. **Hours:** (9) 9 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B70e Anatomy of a Setup/Games Inmates Play (0.5 unit)

Covers situations and various strategies correctional officers must be aware of when dealing with inmates. How to recognize and handle a potentially dangerous situation. **Hours:** (9) 9 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B70f Hostage Survival/Conflict Resolution (0.5 unit)

Covers situations and various strategies correctional officers must be aware of to avoid being taken as a hostage. Also covers defusing hostile situations that may develop in correctional institutions between inmates and staff using conflict resolution techniques. **Hours:** (9) 9 lect for 1 week. **Repeat:** Unlimited. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B72 O.C. Pepper Spray (0.5 unit)

Intended for peace officers, correctional officers, juvenile counselors and probation officers. Provides the required competencies and certification in the use of O.C. Pepper Spray. Approved by P.O.S.T. **Hours:** (9) 4.5 lect. For 2 weeks. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

CADM B80 Supervisor Training for Peace Officers (2 units)

Intended for peace officers, correctional officers, juvenile counselors and probation officers who have been newly promoted to supervisory positions. Provides the required competencies and certification in supervisory training. Approved by State of California Standards and Training for Corrections (STC). **Hours:** (80) 20 lect, 20 lab for 2 weeks. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE TECHNOLOGY

Credit limitations may apply. For specific information see a counselor or the transfer institution. Visit the Fire Technology website at www2.bc.cc.ca.us/firetech/

FIRE B1 Introduction to Fire Technology (3 units)

Introduction to fire protection; career opportunities in fire protection and related fields; philosophy and history of fire protection; fire loss analysis; organization and function of public and private fire protection services; fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics, introduction to fire protection systems; introduction to fire strategy and tactics. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect/disc/demo. Field trips required. **Offered:** F, S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

FIRE B2 Fundamentals of Personal Fire Safety and Emergency Action (3 units)

Basic skills in assessing fire dangers, handling common fire situations in the home and/or industry, basic Cardio-Pulmonary Resuscitation and Standard First Aid. **Recommended:** Reading Level 5 or 6. **Hours:** (54) 3 lect/disc/demo. Field trips required. **Offered:** F, S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

FIRE B3 Fundamentals of Fire Service Operations (3 units)

Fundamentals of fire department organization, management, and resources, and the use of those resources to control various emergencies. **Prerequisite:** FIRE B1 or equivalent. **Hours:** (54) 3 lect/disc/demo. Field trip required. **Offered:** F. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

FIRE B4 Fundamentals of Fire Protection Chemistry (3 units)

Fundamental information and knowledge of the physical and chemical characteristics of matter, fire hazardous materials, and basic extinguishment theory. **Prerequisite:** FIRE B1 or equivalent. **Hours:** (54) 3 lect/disc/demo. Field trips required. **Offered:** S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

FIRE B5 Fundamentals of Fire Prevention (3 units)

Provides fundamental information regarding the history and philosophy of fire prevention, organization and operation of a fire prevention bureau, use of fire codes, identification and correction of fire hazards, and the relationship of fire prevention with fire safety education and detection and suppression systems. **Prerequisite:** FIRE B1 or equivalent. **Hours:** (54) 3 lect/disc/demo. Field trips required. **Offered:** S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

FIRE B6 Fundamentals of Fire Protection Systems and Equipment (3 units)

Provides information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection, and portable fire extinguishers. **Prerequisite:** FIRE B1 or equivalent. **Hours:** (54) 3 lect/disc/demo. Field trips required. **Offered:** S. **CCS:** Occupational Education. **Transferable:** CSU and private colleges.

FIRE B50a Fire Command 2A-Command Tactics at Major Fires (2 units)

Concepts and methods for Chief Officers to understand complex fireground operations. Stresses the multiple company response and the efficient use of human and material resources in handling major structural fires. Accredited by the California Fire Service Training and Education System (C.F.S.T.E.S.) for Chief Officer certification. **Prerequisite:** FIRE B51b or FIRE B51c. **Hours:** (40) 40 lect for 1 week.

Offered: F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B50b Fire Command 2B-Scene Management at Major Incidents (2 units)

Management techniques for Chief Officers to control major fire disasters. Techniques in developing and writing plans for fire disaster control and in managing local disasters. Accredited by the California Fire Service Training and Education System (C.F.S.T.E.S.) for Chief Officer certification. **Prerequisite:** FIRE B50a or equivalent. **Hours:** (40) 40 lect/disc for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B50c Fire Command 2C - High Rise Fire Tactics (2 units)

Command and control techniques used at the scene of an emergency by fire company officers. Emphasizes decision making, the act of commanding, personnel and organization structures and pre-planning for effective command performance particularly related to high-rise building emergencies. Includes a review of the Incident Command System instituted by the State of California Fire Services. **Prerequisite:** FIRE B51b. **Hours:** (40) 27 lect, 13 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B50d Fire Command 2D - Management of Large-Scale Disasters (2 units)

Essential management techniques for Chief Officers needed to control major disasters. Developing and writing plans for disaster control and managing local disasters emphasized. Accredited by the California Fire Service Training and Education System (C.F.S.T.E.S.) for Chief Officer certification. **Prerequisite:** FIRE B50a or equivalent. **Hours:** (40) 40 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B50e Fire Command 2E - Wildland Fire Tactics (2 units)

California's wildland fire problem will be examined through wildland fire safety, weather effects, fuels, fire behavior, initial attack methods, using support equipment, including the use of topographic maps, strategy and tactics, and air attack operations. Accredited by the C.F.S.T.E.S. Chief Officer certification requirements. **Prerequisite:** FIRE B50a. **Hours:** (40) 36 lect, 4 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B50f Fire Management 2A-Organizational Development and Human Relations (2 units)

Provides sound management principles in preparation for Chief Officer. Includes internal and external influences; personal behavior of fire fighters; managing human relations through group dynamics; and problem solving techniques. Accredited by the California Fire Service Training and

Education System (C.F.S.T.E.S.) for Chief Officer Certification. **Prerequisite:** FIRE B51a. **Hours:** (40) 36 lect, 4 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B50g Fire Management 2B - Fire Service Financial Management (1 unit)

Provides insight into the cyclical nature of budgeting and financial management. Chief officers, company officers, staff officers, or other fire service managers will become familiar with essential elements of financial planning, budget preparation, budget justification, and budget controls. **Hours:** (40) 18 lect, 22 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Degree applicable only.

FIRE B50i Fire Management 2D - Master Planning (2 units)

Long-range fire protection planning. Emphasizes program planning, strategic planning, forecasting, systems analysis, systems design, research, networking policy analysis and plans and reports. Accredited by the California Fire Service Training and Education System for Chief Officer certification. **Prerequisite:** FIRE B50f. **Hours:** (40) 36 lect, 4 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B50j Fire Management 2E - Staff Assignments and Line Functions (2 units)

Relationships with legislative bodies, organizational techniques, goal setting, planning-organizing and controlling, production measurement, evaluation of program effectiveness, civilians of public safety services, public safety employees contractual system, development of department programs and municipal fire insurance programs. Accredited by the C.F.S.T.E.S. for Chief Officer certification. **Prerequisite:** FIRE B50f. **Hours:** (40) 40 lect/disc for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51a Fire Management 1A (2 units)

Planning, operating and controlling the personnel functions necessary to become a company officer. Emphasizes training, counseling, managing the development of a firefighter, participating in departmental grievance procedures, managing discipline, morale, safety standards and diversity in the workplace. **Prerequisite:** FIRE B1 or equivalent. **Hours:** (40) 40 lect/disc for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51b Fire Command 1A (2 units)

Fundamental information and experience in command and control techniques at emergency locations. Emphasizes commanding, the authority or right to command, personnel, organization or area under a commander and the performance requirements for Fire Service Officers. **Prerequisite:** FIRE B1 or equivalent. **Hours:** (36) 36 lect/disc for 1 week.

Offered: F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51c Fire Command 1B (2 units)

Information and experience in command and control techniques used at the scene of hazardous material incidents. Emphasizes acts of commanding, the authority or right to command, the personnel organization or area under commander and the performance requirements for Fire Service Officers. **Prerequisite:** FIRE B51b. **Hours:** (36) 36 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51d Fire Prevention 1A (2 units)

Basic skills and knowledge necessary for Fire Prevention Officer 1. Legal responsibilities and fire hazard characteristics of various materials are included. **Prerequisite:** FIRE B5 or equivalent. **Hours:** (36) 36 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51e Fire Prevention 1B (2 units)

Basic fire prevention information for company officers so they may respond to a variety of fire prevention situations in a professional and effective manner. Meets NFPA 1031 Fire Inspection Professional Qualifications and California State Board of Fire Services Standards for Fire Prevention Officer 1b. **Prerequisite:** FIRE B51d. **Hours:** (36) 36 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51f Fire Investigation 1A (2 units)

Arson investigators will successfully carry out their responsibilities in arson detection and explosives investigation. Emphasizes essential elements of fire and explosives behaviors, types and use of laboratory services, and investigative responsibilities of an investigator at location of arson and explosives incidents. Meets P.O.S.T. certification requirements. **Prerequisite:** FIRE B62 or equivalent. **Hours:** (40) 40 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51g Fire Instructor 1A (2 units)

In-service training programs emphasizing occupational analysis, course outlines, concepts of learning, levels of instruction, behavioral objectives, lesson plans, the psychology of learning, evaluation of effectiveness and student teaching demonstrations are included. **Prerequisite:** FIRE B50. **Hours:** (40) 36 lect/4 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51h Fire Instructor 1B (2 units)

Continuation of FIRE B51g. Emphasizes instructors' roles and responsibilities, course outline development, lesson plan review, instructional aid development, fundamentals of testing and measurements, and student teaching demonstrations.

Prerequisite: FIRE B51g. **Hours:** (40) 36 lect/4 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51i Fire Prevention 1C (2 units)

Special hazards associated with flammable and combustible liquids and gases. Topics include bulk storage and handling, transportation of flammable gases and liquids. Meets NFPA 1031 Fire Inspection Professional Qualifications and California State Board of Fire Services Standards for Fire Prevention Officer 1. **Prerequisites:** FIRE B51d, FIRE B 51e. **Hours:** (36) 36 lect/disc for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B51j Fire Investigation 1B (2 units)

Continuation of FIRE B51f adds topics of discussion including the juvenile fire setter, report writing, evidence collection and preservation procedures. Course meets P.O.S.T. certification requirements. **Prerequisites:** FIRE B51f or evaluation by instructor. **Hours:** (40) 40 lect/disc for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B59 Fire Service Hydraulics (2 units)

Assist fire fighters, pump operators and engineers in meeting the requirements for Fire Apparatus Driver/Operator certification. Content covers characteristics of water, friction loss, engine pressure, multiple lines, unequal layouts, pump and pumpers and field equations. **Recommended:** MATH B50 or equivalent. **Hours:** (36) 3 lect per week for 12 weeks or 36 for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B60 Driver/Operator Certification (3 units)

Knowledge and skills in pump operations for fire engineers. Includes procedures on pumps, pumping principles, practical hydraulics, safe apparatus operation en route and at scenes of emergencies, principles of reading and interpreting gauges, hydrant operations and drafting procedures. **Recommended:** FIRE B62. **Hours:** (129) 8 lect/8 lab for 8 weeks. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B61 Fire Fighter Trainee Academy (3 units)

Basic educational and practical training essential for firefighter trainees. Emphasizes organizational procedures, forcible-entry tools, protective breathing apparatus, emergency medical care, inspection procedures, fire protection equipment and systems; wildland fire control; fire behavior; and petroleum fire procedures. **Recommended:** Reading Level 4. **Hours:** (120) 13.5 lect/16.5 lab for 4 weeks. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B62 Fire Fighter I Academy (8 units)

Basic educational and practical training essential for Fire Fighter I. Advanced study of organizational procedures; forcible entry tools; protective breathing apparatus; emergency medical care; inspection procedures; fire protection equipment and systems; wildland fire control; fire behavior; and petroleum fire procedures. **Recommended:** FIRE B1, B2, B3, B4, B5, B6 or equivalent. **Hours:** (320) 18 lect/22 lab for 8 weeks. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B63 Fire Fighter II Academy (6 units)

Advanced academic and manipulative training essential for the achievement of job tasks specified for Fire Fighter II. Covers inspection and maintenance of equipment, fire protection surveys, fire prevention inspections, reports and plans and fire alarm features. Meets requirements for the California State Board of Fire Services, Fire Fighter II certification. **Recommended:** FIRE B62 or equivalent. **Hours:** (235) 235 lect/lab for a total of 40 weeks. Field trips required. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B64a Beginning Volunteer Firefighting (1 unit)

Basic knowledge and skills in firefighting practices for volunteers. Includes basic usage of forcible-entry tools, ventilation tools, rope usage, extinguisher usage, salvage and overhaul procedures, rescue procedures, resuscitation procedures and cardiopulmonary resuscitation procedures used by Fire Departments. Also includes areas of fire behavior and tactics; pumping procedures; hose evolutions, and ground ladder procedures. **Hours:** (18) 18 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B64b Advanced Volunteer Fire Fighter Certification (4.5 units)

Basic knowledge and skills in fire fighting practices for volunteers. Includes fundamental usage of forcible-entry tools, ventilation procedures, rope usage, extinguisher practices, salvage and overhaul procedures, rescue procedures, cardio-pulmonary resuscitation techniques, fire behavior and tactics, fire streams, hose evolutions, and ladder procedures. **Recommended:** Evaluation by instructor. **Hours:** (144) 13.5 lect, 22.5 lab for 4 weeks. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B65 Fire Service Staff Development Training (3 units)

Staff development training that provides students with contemporary fire fighting techniques. Topics include the latest concepts involving: organizational development; fire services appliances; fire chemistry; automatic fire extinguisher and agents; fire prevention and enforcement; arson investigation; public safety; hazardous materials control and enforcement; mutual aid/joint powers agreement; communi-

cations; personal health issues; and emergency rescue techniques. **Hours:** (156) 1 lect, 2 lab. (12 hours per month for 12 months). **Repeat:** 3. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B66 Fire Fighting and Emergency Medical Skills (8 units)

Programs, workshops, seminars, and hose ladders, tools, salvage, chemistry, extinguisher and agents, fire control, prevention, arson, crowd and traffic control, manual aid, communications, fire and health safety, and emergency rescue techniques. Updates the skills of EMT 1 - non-ambulance certificate holders as prescribed by law. **Hours:** (189) 1 lect, 2.5 lab. for 52 weeks. **Repeat:** Unlimited. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B70a Hazardous Materials for First Responders (0.5 unit)

Mandated by law or called upon by necessity to assess, plan for, and initiate mitigation of incidents involving hazardous materials. Content covers the extent and nature of today's hazardous materials problem, effects of weather, topography, and environmental conditions on the behavior of hazardous materials and the containment efforts these conditions require. **Recommended:** FIRE B1 or equivalent. **Hours:** (36) 18 lect/18 lab for 1 week. **Repeat:** 1. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B70b First Responder Operational-Decontamination (0.5 unit)

Provide members of a decontamination team at a hazardous materials incident with a primary understanding of the processes used in decontamination and the knowledge to perform in a safe and competent manner to limit the spread of contamination. **Hours:** (9) 9 lect/demo for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B70c Hazardous Materials Incident Commander/Scene Manager (1 unit)

Provide students with competencies needed to assume the role of an Incident Commander, as well as leadership skills for any other Command of Staff Incident Command System positions which are necessary during a hazardous materials incident. Content will also accentuate personnel safety and management. **Hours:** (36) 36 lect/demo for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B70d Hazardous Materials Tech/Spec 1A: Basic Chemistry (1 unit)

Technical training in the physical and chemical terminology important to hazardous materials technicians/specialists and prevention officers, ability to determine properties of a chemical compound by name or formula. Includes study of important terms which describe properties, reactions with

other materials, and the effects upon human beings, environment, and property. Applies to Hazardous Materials Technician/Specialist certification. **Hours:** (40) 18 lect, 22 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B70e Hazardous Materials Tech/Spec 1B: Applied Chemistry (1 unit)

A review of the basic terminology and theory of chemistry as it relates to hazardous materials incident management. Content includes: hazard and risk management; behavior and effect of toxicant and the major biological systems affected by toxicant; as well as using monitoring equipment to detect hazardous atmospheres and unknown solids and liquids. Applies to Hazardous Materials Technician/Specialist I certification. **Hours:** (40) 40 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B70f Hazardous Materials Tech/Spec 1C: Incident Considerations (1 unit)

Content covers hazardous materials data research; meteorological considerations that influence hazardous materials response activities; hazardous materials incidents command concepts associated with response activities; incident specific considerations that influence hazardous materials response activities; and legislative and regulatory policies that impact hazardous materials response activities. Applies to Hazardous Materials Technician/Specialist certification. **Hours:** (40) 40 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B70g Hazardous Materials Tech/Spec 1D: Tactical Field Operations (1 unit)

Information on confinement, including diking, dams and sorbent; awareness on plugging and patching; application of chemical protective clothing; preservation of evidence; and emergency medical considerations at a hazardous materials incident. Applies to Hazardous Materials Technician/Specialist certification. **Hours:** (40) 40 lect for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B70h Hazardous Materials Tech/Spec 1E: Special Mitigation Techniques (1 unit)

Content covers medical monitoring guidelines; use of Level "A" chemical protective clothing; repair leaks on a rail tank car; procedures to simulate off-loading hydrocarbons from a rolled over DOT MC-306//406 aluminum tank truck; and practice as member of a haz mat team in simulated hazardous materials incidents. Applies to Hazardous Materials Technician/Specialist certification. **Hours:** (40) 40 lect/demo for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B70i Hazardous Materials Tech/Spec 1F:Advanced Field Operations (1 unit)

Practical application of methods and procedures to mitigate leaking containers; transferring hazardous materials between containers; classifying known and unknown chemicals participating as a member of haz mat team in simulated hazardous materials incidents; and exercising safe methods while operating at hazardous materials incidents. Applies to Hazardous Materials Technician/Specialist certification. **Hours:** (40) 40 lect/demo for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B71a Seasonal Firefighter Basic Training 1 (2 units)

Basic concepts, techniques, skills and theories on fire suppression and control. Includes fire organization, wildland fire behavior, and fire safety. Satisfies one-half of required training standards. **Recommended:** Evaluation by instructor. **Hours:** (40) 9 lect/31 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B71b Seasonal Firefighter Basic Training 2 (1.5 units)

Manipulative and technical training in the identification and operation of fire tools and equipment. Includes fire-line construction practices, physical fitness and water-handling equipment. Satisfies one-half of required training standards. **Recommended:** Evaluation by instructor. **Hours:** (40) 9 lect, 31 lab for 1 week. **Repeat:** 2. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B71e Wildland Fire Behavior and Control (0.5 unit)

Basic watershed fire behavior. Environmental factors of fire behavior which start and spread watershed fires, and basic fire suppression methods applicable to breaking the fire triangle are emphasized. Meets National Interagency Incident Management System certification. **Hours:** (9) 9 lect/discussion for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B72abc Heavy Duty Rescue 1-2-3 (0.5-0.5-1 unit)

Technical knowledge and practical skills necessary to successfully perform heavy duty rescue emergencies. Emphasizes methods and procedures for utilizing heavy duty rescue equipment, maintaining and storing of heavy duty rescue equipment, and recognizing basic types of building construction and their collapse characteristics resulting from various causes. Accredited by the California Fire Service Training and Education System. **Recommended:** FIRE B2, FIRE B72h or equivalent. **Hours:** (18-54) 72a: 18 for 0.5 unit; 72b: 36 for 0.5 unit; 72c: 54 for 1 unit lect/lab/manipulative exercises. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B72d Swift Water Rescue (1 unit)

Basic techniques necessary to perform emergency rescue procedures involving swift water rivers. Emphasizes basic rescue knot practices, handling small rescue boats, emergency care, and controlling special hazards and problems in swift water emergencies. **Hours:** (30) 18 lect/12 lab for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B72e Advanced Swift Water Rescue (1 unit)

Refinement of skills in manipulating and controlling activities at heavy swiftwater rescue scenes. Includes advanced river crossing techniques, cross river strokes management, swiftwater search techniques, and team organizational requirements. **Recommended:** FIRE B72d. **Hours:** (20) 20 lect/manipulative exercises for 1 week. Field trips required. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B72f Auto Extrication (0.5 unit)

A systematic approach to vehicle rescue, and the use of mechanical and hand tools used in the extrication process. **Hours:** (18) 9 lect/9 lab for 1 week. Field trips required. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B72g Aircraft Fire Protection and Rescue Procedures (1 unit)

Information, methods and techniques necessary for providing crash fire rescue services at airports. Includes utilizing conventional fire apparatus and specialized crash fire rescue apparatus, crash fire rescue, extinguishing agents, various types of aircraft and operations at crash scenes. **Recommended:** FIRE B62. **Hours:** (36) 18 lect, 18 lab for 1 week. Field trips required. **Repeat:** 3. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B72h Emergency Medical Technician I - Non-Ambulance (4 units)

Techniques of emergency medical care presently considered within the responsibilities of the Emergency Medical Technician as well as all operational aspects. Emphasizes the development of student skills in recognizing symptoms of illness and injuries, and proper procedures of emergency care. Meets California State Department of Health and State Board of Fire Services criteria for EMT 1-NA Training. **Recommended:** FIRE B1 and/or FIRE B50a. **Hours:** (128) 72 lect/56 demo/practical exercises. Field trips required. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Associate Degree only.

FIRE B72i EMT 1 - Non-ambulance Recertification (1 unit)

Updates the skills of EMT 1- Non-Ambulance Certificate holders as prescribed by law. Reviews and updates material in FIRE B72h - EMT 1 - Non-Ambulance. **Recommended:**

Possession of a valid EMT 1 - NA Certificate which is current in Kern County. **Hours:** (28) 16 lect/12 lab for 1 week. **Repeat:** Unlimited. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B74 Petroleum Fire Procedures (0.5 unit)

Practical experiences in various fire fighting procedures involving flammable liquid fire emergencies, at/or near petroleum installations. Includes utilization of safety practices and extinguishment of various types of petroleum product fires. Certified by the California State Fire Service Training and Educational Program. **Recommended:** FIRE B50a or equivalent. **Hours:** (9) 3 lect/6 lab manipulative exercises for 1 day. **Repeat:** 1. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B75 Fire Fighting Techniques (0.5 unit)

Advanced techniques of fire control involving the utilization of personnel, equipment, and extinguishing agents in emergency situations. **Recommended:** FIRE B62. **Hours:** (9-27) 9-27 lect/lab. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B77 Advanced Structure Fire Training (0.5 unit)

Latest techniques in structure fire control. Specialized fire fighting techniques used to control residential, commercial and high-rise building fires. **Recommended:** FIRE B62. **Hours:** (9-36) 9-36 lect/lab. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B78 Advanced Officer Training (0.5 unit)

Contemporary techniques of supervision, concentrating on supervision techniques identified by local fire service agencies. **Recommended:** FIRE B62. **Hours:** (9-36) 9-36 lect/lab for 1 week. **Repeat:** 1. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B79 Instructor Orientation (0.5 unit)

Assists fire technology instructors with information needed to properly administer classroom activities. State certification system, administrative procedures, curriculum development and organization, publication format and style, and teaching strategies for accredited regional courses are emphasized. **Recommended:** FIRE B51g, FIRE B51h. **Hours:** (9-24) 9-24 lect/lab for one week or 1 day. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B81 Orientation to Fire Technology (0.5 unit)

Assists fire technology instructors with information needed to properly administer classroom activities. Includes information on the certification system, administrative procedures, curriculum development and organization, publication format and style, and teaching strategies for accredited regional courses. **Recommended:** FIRE B51g, FIRE B51h. **Hours:**

(9-24) 9-24 lect/disc for 1 week. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B83 Topics in Incident Command System Part I (0.5-1.5 units)

Twenty-six professional development workshops and seminars related to specific topics of the Incident Command System. Prepares municipal, county, state, and federal fire personnel to meet certification standards set forth by the National Interagency Incident Management System. **Hours:** (9-72) 9-72 lect/disc for up to 2 weeks. **Offered:** F, S, SS. **CCS:** Occupational Education. **Not Transferable:** Not degree applicable.

FIRE B83a P-151 Wildfire Origin and Cause Determination (0.5 unit)

FIRE B83b S-205 Fire Operations in the Urban Interface (0.5 unit)

FIRE B83c S-217 Interagency Helicopter Training Guide (0.5 unit)

FIRE B83d I-244 Field Observer/Display Processor (0.5 unit)

FIRE B83e S-230 Single Resource Boss-Crew (0.5 unit)

FIRE B83f S-234 Firing Methods and Procedures (0.5 unit)

FIRE B83g I-254 Base/Camp Manager (0.5 unit)

FIRE B83h S-271 Helibase Manager (0.5 unit)

FIRE B83i S-270 Basic Air Operations (0.5 unit)

FIRE B83j S-290 Intermediate Wildland Fire Behavior (0.5 unit)

FIRE B83k S-300 Incident Commander, Multiple Resources Extended Attack (0.5 unit)

FIRE B83L S-336 Fire Suppression Tactics (0.5 unit)

FIRE B83m I-333 Strike Team Leader/Crew (0.5 unit)

FIRE B83n I-334 Strike Team Leader/Engine (0.5 unit)

FIRE B83o I-335 Strike Team Leader/Dozer (0.5 unit)

FIRE B83p I-339 Division/Group Supervisor (0.5 unit)

FIRE B83q I-346 Situation Unit Leader (0.5 unit)

FIRE B83r I-347 Demobilization Unit Leader (0.5 unit)

FIRE B83s I-348 Resources Unit Leader (0.5 unit)

FIRE B83t I-354 Facilities Unit Leader (0.5 unit)

FIRE B83u I-355 Ground Support Unit Leader (0.5 unit)

FIRE B83v I-356 Supply Unit Leader (0.5 unit)

FIRE B83w I-357 Food Unit Leader (0.5 unit)

**FIRE B83x I-358 Communications Unit Leader
(1.5 units)**

FIRE B83y I-365 Time Unit Leader (0.5 unit)

FIRE B83z I-368 Procurement Unit Leader (0.5 unit)

**FIRE B84 Topics in Incident Command System: Part II
(0.5 unit)**

Twenty-two professional development workshops and seminars related to specific topics of the Incident Command System. Prepares personnel from municipal, county, state, and federal fire service agencies in meeting certification standards set forth by the National Interagency Incident Management System. **Hours:** (12-40) 12-40 lect/disc for 1-2 weeks.

Offered: F, S, SS. **CCS:** Occupational Education. **Not**

Transferable: Not degree applicable.

FIRE B84a I-374 Helicopter Coordinator

FIRE B84b I-375 Air Support Supervisor

FIRE B84c I-376 Air Tanker Coordinator

FIRE B84d I-378 Air Attack Supervisor

FIRE B84e I-400 Incident Commander

FIRE B84f I-401 Safety Officer

FIRE B84g I-403 Information Officer

FIRE B84h I-420 Command and General Staff

FIRE B84i I-430 Operation Section Chief

FIRE B84j I-440 Planning Section Chief

FIRE B84k I-450 Logistics Section Chief

FIRE B84L I-460 Finance Section Chief

FIRE B84m I-470 Air Operations Branch Director

FIRE B84n S-370 Intermediate Air Operations

**FIRE B84o S-390 Introduction to Wildland Fire Behavior
Calculations**

**FIRE B84p S-490 Advanced Wildland Fire Behavior
Calculations**

**FIRE B84q PMS-415 Introduction to Wildland Fire
Suppression for Rural Fire Departments**

**FIRE B84r ICS 260-CWN (Call When Needed) Helicopter
Module Leader**

FIRE B84s S 260 Fire Business Management Principles

FIRE B84t ICS S-213 Dozer Boss

FIRE B84u ICS-I 330 Strike Team/Task Force Leader

FIRE B84v ICS-5331 Crew Representative

PUBLIC ADMINISTRATION COURSES

**PADM B1 Introduction to Public Administration
(3 units)**

Overview of the historical roots and contemporary status of administration of public programs; their leadership, design, organization, structure, control, planning, resources, financial management, human resources, policy and program evaluation and improvement. Examines problems and trends in federal state and local government as well as nonprofit organizations as a career field. **Hours:** (54) 3 lect. **Offered:** S. **CCS:** Occupational Education. **Transferable:** CSU Bakersfield.