



# Fire Protection Training

## EMPLOYEE TRAINING PROGRAM GUIDES

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Fire Protection Training  
EMPLOYEE TRAINING PROGRAM GUIDES

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# UNIT AND ASSISTANT CHIEFS

## FIRE PROTECTION TRAINING GUIDE - ASSISTANT CHIEF - PREVENTION

(No. 8 May 1999)

### MINIMUM QUALIFICATIONS

Two years of experience in the California state service performing duties comparable to that of a Battalion Chief - Prevention. (Experience in the California state service in classes comparable to Battalion Chief or Forester I may be applied toward this requirement if such experience included two years of full-time experience as a peace officer.)

<b>INDIVIDUAL PROFESSIONAL TRAINING - ASSISTANT CHIEF - PREVENTION</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Assistant Chief position. Also see Assistant Chief for additional job enhancement and career development.

#### ***Job Required Within First Year - Assistant Chief - Prevention***

P.O.S.T. Supervision	80	Community College	Prior to supervising a law enforcement officer	P.O.S.T.	One time training	P.O.S.T Basic	(*)
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**80.00 Total Additional Hours Job Required Within First Year - Assistant Chief - Prevention**

#### ***Job Required Within Fourth Year - Assistant Chief - Prevention***

Defensive Drivers Training	4	Unit	Within first 4 years	SAM - Required for <u>frequent</u> operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
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**4.00 Total Additional Hours Job Required Within Fourth Year - Assistant Chief - Prevention**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

Fire Service Communication (R107) - NFA	80	National Fire Academy					
Interpersonal Dynamics in Fire Service Organizations (R332) - NFA	80	National Fire Academy					
Management of Fire Prevention Programs (R225) - NFA	80	National Fire Academy					
Organizational Theory In Practice (R331) - NFA	80	National Fire Academy					
Strategic Analysis of Fire Prevention Programs (R309)- NFA	80	National Fire Academy					
Fire Prevention Officer III Certified - CFSTES	120	CFA/CSFM					
Fire Investigator II Certified - CFSTES	80	CFA/CSFM				Fire Investigator I	(1)
Fire Instructor 2B - CFSTES	40	CFA/CSFM				Fire Instructor 1A, Fire Instructor 1B	
Chief Officer Certification - CFSTES	400	CFA/CSFM					(2)

**1,040.00 Total Hours Job Enhancement Training**

**CAREER DEVELOPMENT**

Executive Fire Officer Program - NFA	200	National Fire Academy				Apply to NFA, Community College Degree	(3)
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NOTES: (\*) = New Department policy  
 (----) = Subject Area Taught in the Course Listed Above  
 (1) = 2 - Courses  
 (2) = 10 - Courses  
 (3) = 4 - Courses

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - DEPUTY CHIEF

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

One year of permanent full-time experience in California state service performing the duties of a Assistant Chief, Assistant Chief (Nonsupervisory), Assistant Chief - Prevention, Forester II or Forester II (Nonsupervisory). (Applicants who are within six months of satisfying the experience requirement before being eligible for appointment.)

INDIVIDUAL PROFESSIONAL TRAINING - DEPUTY CHIEF							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

### JOB REQUIRED

#### *Job Required Within First Year - Deputy Chief*

I.C. - Haz-Mat	24	Region/Unit	Prior to response	Mandated - Title 8, 5192, (q)(6)	Annual - 8 hour	First Responder Operations- HazMat	(*)
EEO for Supervisor or Manager	8	Academy, Unit	8 hrs during initial year of employment	CDf Policy Mandated	Annually thereafter by Legal Counsel	None	(*)
I-400/401/402 Advanced ICSI400	28	Region/Unit	Unit Option	Mandated - SB 1841, SEMS	One time training	I-300	(*)

**56.00 Total Hours Job Required Within First Year - Deputy Chief**

#### *Job Required Within Fourth Year - Deputy Chief*

Defensive Drivers Training	4	Region/Unit	Within first 4 years	SAM - Required for <u>frequent</u> operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
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**4.00 Total Hours Job Required Within Fourth Year - Deputy Chief**

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

S-520 Advanced Incident Management	80	Marana, AZ				Individuals should be functionally qualified under ICS at the Type 1 level for the position they will be filling at the course. Nominations must be submitted with a current Fire Qualification Record and with a narrative statement giving a brief background of the person nominated. Include a description of the intended use of the skills developed as a result of attending S-520.	
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
S-620 Area Command	48	Marana, AZ				Individuals must be functionally qualified under ICS at the Type I level and have satisfactorily completed S-520. Nominations must be submitted with a brief narrative statement giving a background of person nominated. Include a description of the intended use of the skills developed as a result of attending S-620.	
Fire Service Communication (R107) - NFA	80	National Fire Academy					
Interpersonal Dynamics in Fire Service Organizations (R332) - NFA	80	National Fire Academy					
Organizational Theory In Practice (R331) - NFA	80	National Fire Academy					
Command and Control of Fire Department Major Operations (R304) - NFA	80	National Fire Academy					

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Command and Control of Fire Department Operations at Catastrophic Disasters (R308) - NFA	80	National Fire Academy					
Fire Service Information Management (R502) - NFA	80	National Fire Academy					

**608.00 Total Hours Job Enhancement Training**

**CAREER DEVELOPMENT**

Executive Fire Officer Program - NFA	200	National Fire Academy				Community College degree	(2)
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NOTES: (\*) = New Department Policy  
 (1) = 4-5 Hours Every 2 Years  
 (2) = 4 Courses

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - ASSISTANT CHIEF

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

#### ASSISTANT CHIEF (NONSUPERVISORY)

#### ASSISTANT CHIEF

Two years of permanent full-time experience in California state service performing the duties of a Battalion Chief, Battalion Chief (Nonsupervisory), Fire Prevention Officer I or Forester I.

INDIVIDUAL PROFESSIONAL TRAINING - ASSISTANT CHIEF							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

#### JOB REQUIRED

#### *Job Required Within First Year -Assistant Chief*

Public Safety First Aid - CDF	26	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	8 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]			Mandated - H&S 1797.192 SB 1068	One time training	None	
Elderly Abuse W&I 15630	[1]			Mandated - W&I 15632	One time training	None	
Communicable Disease Awareness	[4]			Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual- 1 hour (minimum)	None	
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
Substance Abuse I.D.	2	Unit	Within 1 year of assignment to Asst. Chief	Department of Transportation	One time training	None	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Hazardous Materials Incident Commander	40	Unit	Prior to response	OSHA requirements under 29 Code of Federal Regulations (CFR) 1910.120 and the California Code of Regulations Title 8, Section 5192.	Annual - 8 hour	None	
EEO for Supervisor or Manager	8	Academy, Unit	8hrs during initial year of employment	CDF Policy	annually thereafter by Legal Counsel	None	(*)
I-400/401 Advanced ICS	26	Region/Unit	Unit Option	Mandated - SB 1841 SEMS	One time training	I-300	(*)

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**90.00 Total Hours Job Required Within First Year - Assistant Chief**

**Job Required Within Fourth Year - Assistant Chief**

Defensive Drivers Training	4	Region/Unit	Within first 4 years	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
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**4.00 Total Hours Job Required Within Fourth Year - Assistant Chief**

**JOB ENHANCEMENT**

P.O.S.T. Basic	680	CDF Academy			24 hours every 2 years	Background check, First Responder Medical, CPR, Physical exam, psychological evaluation	
Public Officer	40	Region/Unit	Prior to appointment as public officer			Background check, P.C. 832	
Chief Officer Certification - CFSTES	400	CFA/CSFM				Community College Degree	(2)
Fire Service Communication (R107) - NFA	80	National Fire Academy					

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

Interpersonal Dynamics in Fire Service Organizations (R332) - NFA	80	National Fire Academy					
Fire Service Financial Management (R333) - NFA	80	National Fire Academy					
Organizational Theory In Practice (R331) - NFA	80	National Fire Academy					
Command and Control of Fire Department Operations at Catastrophic Disasters (R308)- NFA	80	National Fire Academy					
Fire Service Information Management (R502) - NFA	80	National Fire Academy					

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
S-520 Advanced Incident Management - NARTC	80	Marana, AZ				Type 1 Team certified. Individuals should be functionally qualified under ICS at the Type 1 level for the position they will be filling at the course. Nominations must be submitted with a current Fire Qualification Record and with a narrative statement giving a brief background of the person nominated. Include a description of the intended use of the skills developed as a result of attending S-520.	

**1,680.00 Total Hours Job Enhancement Training**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**CAREER DEVELOPMENT**

Executive Fire Officer Program - NFA	200	National Fire Academy				Apply to NFA, Community College Degree	(3)
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NOTES: (\*) = New Department policy  
 (----) = Subject Area Taught in the Course Listed Above  
 (1) = 4 - 5 Hours  
 (2) = 10 Courses  
 (3) = 4 Courses

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## FIRE PROTECTION TRAINING GUIDE - CHIEF/STAFF CHIEF

(No. 14 March 2001)

### CHIEF/STAFF CHIEF MINIMUM QUALIFICATIONS

One year of permanent full-time experience in California state service performing the duties of a State Forest Ranger III, or Forester II. or Siskiyou Unit Chief. (Applicants who are within six months of satisfying the experience requirement will be admitted to the examination, but must fully meet the experience requirement before being eligible for appointment.)

<b>INDIVIDUAL PROFESSIONAL TRAINING - CHIEF/STAFF CHIEF</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

#### JOB REQUIRED

##### *Job Required Within First Year - Chief/Staff Chief*

EEO for Supervisor or Manager	8	Academy, Chief	8 hrs during initial year of employment	CDF Policy Mandated	Annually thereafter by Legal Counsel	None	(*)
I-400/401/402 Advanced ICS	28	Region/Unit	Unit Option	Mandated - SB 1841, SEMS	One time training	I-300	(*)

**32.00 Total Hours Job Required Within First Year - Chief/Staff Chief**

##### *Job Required Within Fourth Year - Chief/Staff Chief*

Defensive Drivers Training	4	Region/Unit	Within first 4 years	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
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**4.00 Total Hours Job Required Within Fourth Year - Chief/Staff Chief**

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

S-620 Area Command	48	Marana, AZ				Individuals must be functionally qualified under ICS at the Type I level and have satisfactorily completed S-520. Nominations must be submitted with a brief narrative statement giving a background of person nominated. Include a description of the intended use of the skills developed as a result of attending S-620.	
Fire Service Communication (R107) - NFA	80	National Fire Academy					
Interpersonal Dynamics in Fire Service Organizations (R332) - NFA	80	National Fire Academy					
Organizational Theory In Practice (R331) - NFA	80	National Fire Academy					
Fire Service Financial Management (R333) - NFA	80	National Fire Academy					

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

Executive Fire Officer Program - NFA	200	National Fire Academy				Community College Degree	(2)
Command and Control of Fire Department Operations at Catastrophic Disasters (R308) - NFA	80	National Fire Academy					

**648.00 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy  
 (1) = 4 - 5 Hours  
 (2) = 4 Courses

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# Fire Protection Training

## EMPLOYEE TRAINING PROGRAM GUIDES

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# BATTALION CHIEF

## FIRE PROTECTION TRAINING GUIDE - BATTALION CHIEF

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

#### BATTALION CHIEF (NONSUPERVISORY)

#### BATTALION CHIEF

##### Either I

Three years of permanent full-time experience in California state service performing the duties of a Fire Captain, Forestry Assistant II or Junior Forester.

##### or II

Five years of permanent full-time experience in California state service performing the duties of a Heavy Fire Equipment Operator (two years of which must have been as a result of successful completion of a formal Training and Development assignment to the Fire Captain classification) and successful completion of basic fire control training.

INDIVIDUAL PROFESSIONAL TRAINING - BATTALION CHIEF							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB REQUIRED**

***Job Required Within First Year - Battalion Chief***

First Responder Medical - CDF	46	Unit	Prior to response	CDF Policy	24 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated - H&S 1797.192 SB 1068	One time training	None	
Child and Elder Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Communicable Disease Awareness	4	Unit	Prior to response	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
Hazardous Materials Incident Commander	40	<i>Unit</i>	within one year of hire	OSHA requirements under 29 Code of Federal Regulations (CFR) 1910.120 and the California Code of Regulations Title 8, Section 5192.	8 Hours annually	None	
I-300 Intermediate ICS	32	Unit	Required prior to filling a management ICS position	CDF Policy	One time training	I 200 Basic ICS	(*)
Self Contained Breathing Apparatus	3	Unit/Station	Prior to response	Mandated - Title 8 3401 (b) (1)	Annually	None	Annual Evaluation if assigned to Emergency Response
Equal Employment Opportunity for Supervisors or Manager	8	Region/Unit	Within 1 year of promotion to BC	Mandated - Title VII 1964 Civil Rights CDF Policy	Annually thereafter by legal counsel	None	(*)
Management Development	40	CDF Academy	Within 1 year of promotion to BC	Mandated - SB 409 GC 19995.4 Chief Officer College	One time training	Leadership Development	(1)
Incident Management 3	40	CDF Academy	Within 1 year of promotion to BC	CDF Policy CDF Chief Officer College	One time training	Incident Management 2	(1)(*)

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Management Elective	40	Distance Learning NFA or other	Within 1 year of promotion to BC	CDF Policy Chief Officer College	One in first year	None	(*) (1) (2)

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**200 Total Hours Job Required Within First Year - Battalion Chief**

***Job Required Within Second Year - Battalion Chief***

Management Elective	40	Distance Learning on intranet or offsite	Within 1 year of promotion to BC	CDF Policy Chief Officer College	One time training	None	(1) (2)
Exceptional Leadership	40	Academy	Within 2 <sup>nd</sup> year of promotion	CDF Policy CDF Chief Officer College	Once	Management Development	(1) (*)
Issue Paper to BCP	40	Academy	Within 2 <sup>nd</sup> year of promotion	CDF Policy CDF Chief Officer College	Once in 2 <sup>nd</sup> year	Management Development	(1) (*)
Management Elective	40	Distance Learning on intranet or offsite	Within 2 <sup>nd</sup> year of promotion	CDF Policy CDF Chief Officer College	Once	None	(1) (*) (2)

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***Job Required Within Fourth Year - Battalion Chief***

Defensive Drivers Training	4	Unit	Within first 4 years	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	(3)
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**4.00 Total Hours Job Required Within Fourth Year - Battalion Chief**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

P.O.S.T. Basic	680	CDF Academy				Background check, First Responder Medical, CPR, Physical exam, psychological evaluation	
Public Officer	40	CDF Academy				Background check, PC 832	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
S-490 Advanced Wildland Fire Behavior Calculations	40	CDF Academy/ Unit				Basic Engine Operation (BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course, Introduction to Wildland Fire Behavior Calculations (S-390) and BEHAVE program training	
Fire Service Communication (R107) - NFA	80	National Fire Academy					

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Chief Officer Certification - CFSTES	400	CFA/CSFM				Community College Degree	(4)
Fire Protection Land Use Planning/CEQA - CDF	40	Region/Unit					
Interpersonal Dynamics in Fire Service Organizations (R332) - NFA	80	National Fire Academy					
Command and Control of Fire Department Major Operations (R304) - NFA	80	National Fire Academy					

REVIEW

**1,432.00 Total Hours Job Enhancement Training**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**CAREER DEVELOPMENT**

S-520 Advanced Incident Management	80	NARTC				Type 1 Team certified. Individuals should be functionally qualified under ICS at the Type 1 level for the position they will be filling at the course. Nominations must be submitted with a current Fire Qualification Record and with a narrative statement giving a brief background of the person nominated. Include a description of the intended use of the skills developed as a result of attending S-520.	
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
S-620 Area Command	48	NARTC				Individuals must be functionally qualified under ICS at the Type I level and have satisfactorily completed S-520. Nominations must be submitted with a brief narrative statement giving a background of person nominated. Include a description of the intended use of the skills developed as a result of attending S-620.	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

- NOTES:
- (\*) = New Department policy
  - (---) = Subject Area Taught in the Course Listed Above
  - (1) = Part of CDF Chief Officer College
  - (2) = Electives identified on intranet under CDF University, Chief Officer College
  - (3) = See CDF Policy 6750
  - (4) = 10 Courses

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## FIRE PROTECTION TRAINING GUIDE - BATTALION CHIEF - AIR ATTACK OFFICER

(No. 8 May 1999)

INDIVIDUAL PROFESSIONAL TRAINING - BATTALION CHIEF - AIR ATTACK OFFICER							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Battalion Chief position. Also see Battalion Chief for additional job enhancement and career development.

#### ***Job Required Within First Year - Battalion Chief - Air Attack Officer***

Air Attack Management - CDF	72	Redding Air Attack Base Mather Air Attack Base	Within 1 year of assignment/ reassignment to Air Attack Base	CDF Policy	One time training	Basic ICS (I-200/220), Basic Fire Control, S-290 Intermediate Wildland Fire Behavior, Strike Team Leader (I-330, I-333, 334, or 335)	
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**72.00 Total Additional Hours Job Required Within First Year - Battalion Chief - Air Attack Officer**

#### ***Job Required Within Second Year - Battalion Chief - Air Attack Officer***

Fixed Wing Base Manager - ICS	32	Region	Within 2 years of assignment to an Air Attack Base	CDF Policy	One time training	I-200	(*)
Retardant Base Manager - ICS	16	Region	Within 2 years of assignment to an Air Attack Base	CDF Policy	One time training	I-200	(*)

**48.00 Total Additional Hours Job Required Within Second Year - Battalion Chief - Air Attack Officer**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

Aerial Retardant Application and Use - NARTC	40	Marana, AZ					
Basic Interagency Air Attack - USFS	40	North Zone Training Center					
I-271 Helibase Manager	32	Region				Basic ICS I-200 (or 220), qualified Helispot Manager.	
I-375 Air Support Supervisor	32	Region				I-200 (or I-220) Basic ICS, Helispot Manager I-272, Helibase Manager I-271, satisfactory performance as a Helibase Manager.	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
I-470 Air Operations Branch Director	16	Region/ Area				I-200 (or I-220) Basic ICS, Air Attack Supervisor I-378, Air Tanker Coordinator I-376, Helicopter Coordinator I-374, Air Support Supervisor I-375, Helibase Manager I-271, Helispot Manager I-272, Strike Team Leader I-333, 334, or 335.	

**160 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy

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## FIRE PROTECTION TRAINING GUIDE - BATTALION CHIEF - TRAINING OFFICER

(No. 8 May 1999)

INDIVIDUAL PROFESSIONAL TRAINING - BATTALION CHIEF - TRAINING OFFICER							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Battalion Chief position. Also see Battalion Chief for additional job enhancement and career development.

#### ***Job Required Within Second Year - Battalion Chief - Training Officer***

Fire Instructor 1A - CSFM	40	Region/Unit	Within 2 years of assignment to T.O.	CDF Policy	One time training	None	(*)
Fire Instructor 1B - CSFM	40	Region/Unit	Within 2 years of assignment to T.O.	CDF Policy	One time training	None	(*)

**80.00 Total Additional Hours Job Required Within Second Year - Battalion Chief - Training Officer**

### JOB ENHANCEMENT

Fire Instructor 2A - CSFM	36	CFA/Region				Fire Instructor 1A & 1B	
Fire Instructor 2B - CSFM	36	CFA/Region				Fire Instructor 1A & 1B	
Fire Instructor 2C - CSFM	36	CFA/Region				Fire Instructor 1A & 1B	
Master Instructor 3 - CSFM	36	CFA/CSFM				Fire Instructor 2A, 2B, 2C	
Fire Service Course Development(R114) - NFA	80	National Fire Academy					

**224.00 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - BATTALION CHIEF - PREVENTION

(No. 8 May 1999)

### MINIMUM QUALIFICATIONS

#### BATTALION CHIEF - PREVENTION

##### Either I

Three years of experience in the California state service performing the duties of a fire captain or Fire Crew Supervisor, one year of which must have included full-time experience as a fire prevention specialist.

##### or II

One year of experience in the California state service performing the duties of a Junior Forester including a six-month assignment in fire prevention work. (Employment as a Junior Forester will admit applicants to the examination but they must complete the required one year of experience including the six months of specialized experience before they can be appointed.)

##### or III

Experience: Two years of experience in fire prevention, public information, law enforcement work, or related occupational fields. (Experience in the California state service applied toward this requirement must have been in a class comparable in level to Forestry Graduate Trainee.)

##### and

Education: Equivalent to graduation from college. (Additional qualifying experience may be substituted for up to two years of the required education on a year-for-year basis.)

**INDIVIDUAL PROFESSIONAL TRAINING - BATTALION CHIEF - PREVENTION**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB REQUIRED**

Training listed is in addition to the JOB REQUIRED training for the Battalion Chief position. Also see Battalion Chief for additional job enhancement and career development.

***Job Required Within First Year - Battalion Chief - Prevention***

P.O.S.T. Basic	680	CDF Academy	Within 1 year of assignment	Unit Option	Refresher 24 hours every 2 years	Background check, First Responder Medical, CPR, Physical exam, psychological evaluation	
P.O.S.T. Supervision	80	CDF Academy	Within 1 year of assignment	P.O.S.T. Required to supervise LE Officers	One time training	Background check, PC 832	

**760.00 Total Additional Hours Job Required Within First Year - Battalion Chief - Prevention**

***Job Required Within Second Year - Battalion Chief - Prevention***

Fire Prevention Education - CDF	32	Unit	Within 2 years of assignment	CDF Policy	One time training	None	(*)
Incident Management 3 - CDF	40	CDF Academy	Within 2 years of initial assignment	CDF Policy	One time training	Incident Management 2	

**72.00 Total Additional Hours Job Required Within Second Year - Battalion Chief - Prevention**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

Fire Investigator 1 - Certified CFSTES	80	Region/ Community College					
Fire Prevention Analysis and Planning - CDF	28	Region					
Fire Protection Land Use Planning (CEQA) - CDF	40	Unit					
S-490 Advanced Wildland Fire Behavior Calculations - NWCG	32	Region/Unit				Basic Engine Operation (BFEO) or Basic Fire Control- Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course, Introduction to Wildland Fire Behavior Calculations (S-390) and BEHAVE program training	
Strategic Analysis of Fire Prevention Programs (R309)- NFA	80	National Fire Academy					
Fire Service Communication (R107) - NFA	80	National Fire Academy					
Chief Officer Certification - CFSTES	400	CFA/CSFM				Community College Degree	(1)
Fire Investigator II - Certified CFSTES	80	CFA/CSFM				Fire Investigator I	(2)
Arson Investigation Unit	40	CDF Academy					
California Building Code	36	CSFM				Prevention 1A (recommended), Prevention 1B (recommended)	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Plans Check	36	CSFM					
Management of Fire Prevention Programs (R225) - NFA	80	National Fire Academy					

**1,012.00 Total Hours Job Enhancement Training**

**CAREER DEVELOPMENT**

Fire Prevention Officer III Certification - CFSTES	120	CFA/CSFM					(3)
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NOTES: (\*) = New Department policy  
 (----) = Subject Area Taught in the Course Listed Above  
 (1) = 10 courses  
 (2) = 2 courses  
 (3) = 3 courses

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - BATTALION CHIEF - EMERGENCY COMMAND CENTER

(No. 8 May 1999)

INDIVIDUAL PROFESSIONAL TRAINING - BATTALION CHIEF - EMERGENCY COMMAND CENTER							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Battalion Chief position. Also see Battalion Chief for additional job enhancement and career development.

#### ***Job Required Within First Year - Battalion Chief - Emergency Command Center***

Emergency Command Center Operations - CDF	170	CDF Academy	Within 1 year of assignment to the ECC	CDF Policy	One time training	Current ECC assignment or selection to fill an anticipated vacancy within 12 months.	
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170.00 Total Additional Hours Job Required Within First Year - Battalion Chief - Emergency Command Center

#### ***Job Required Within Third Year - Battalion Chief - Emergency Command Center***

Introduction to Telecommunications	40	General Services	Within 3 years of assignment to the ECC	CDF Policy 8000 Manual	One time training	None	(*)
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40.00 Total Additional Hours Job Required Within Third Year - Battalion Chief - Emergency Command Center

### JOB ENHANCEMENT

Emergency Medical Dispatcher	24	Region/Unit			Refresher every 2 years	CPR	
National Fire Danger Rating System (NFDRS) - NARTC	72	Marana, AZ					(1)
I-358 Communications Unit Leader	40	Region/Area				I-200 (or I-220) Basic ICS	
Multi-Agency Coordination Group	32	Marana, AZ				Modules 1-15 recommended	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Dispatch Recorder D-110	16	Unit/Zone/ Region					
Support Dispatcher D-310	32	Unit/Zone/ Region					
Supervisory Dispatcher D-410	40	Unit/Zone/ Region					

**256.00 Total Hours Job Enhancement Training**

- NOTES:
- (\*) = New Department policy
  - (1) = 9 Days
  - (2) = All students should be familiar with the Emergency Command Center Procedures Handbook - Procedures 1, 3, 5, 6, 7, 8, and 9. Participants must also have demonstrable computer skills and basic exposure to console operations, alarm handling, resource identification, agency/interagency orientation, principles of status keeping, and protocol.

[\(see Table of Contents\)](#)



# Fire Protection Training

## EMPLOYEE TRAINING PROGRAM GUIDES

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# FIRE CAPTAIN

## FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN

(No. 16 June 2001)

### MINIMUM QUALIFICATIONS

License and Education: Possession of a valid California driver's license of the appropriate class issued by the Department of Motor Vehicles. Applicants who do not possess the license will be admitted to the examination but must secure the license prior to appointment.

and

Experience: Three years of permanent full-time experience in California state service performing the duties of a Fire Apparatus Engineer or Fire Apparatus Engineer (Paramedic) and successful completion of the corresponding California Firefighter Joint Apprenticeship Committee Program. (Applicants who are within six months of satisfying the experience requirement will be admitted to the exam but must successfully complete the apprenticeship program before appointment.);

or

Three years of permanent full-time experience in the California state service performing the duties of a Fire Apparatus Engineer with an appointment to the class prior to the initiation of the California Firefighter Joint Apprenticeship Committee Program on July 1, 1983;

or

Applicants who gained employment with the California Department of Forestry and Fire Protection by Board Resolution may compete if they have three years of permanent full-time experience as a Fire Apparatus Engineer or Fire Apparatus Engineer (Paramedic) but must successfully complete the apprenticeship program before appointment or receive SubJAC certification of journey level status. [Experience with the California Department of Forestry and Fire Protection may be combined with prior Fire Apparatus Engineer or Fire Apparatus Engineer (Paramedic) experience to meet this requirement.] (Applicants who are within six months of satisfying the experience requirement will be admitted to the exam but must successfully complete the apprenticeship program before appointment or receive SubJAC certification of journey level status.)

INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB REQUIRED**

***Job Required Within First Year - Fire Captain***

First Responder Medical - CDF	46	Unit	Prior to response	CDF Policy	24 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated – H&S 1797.192 SB 1068	One time training	None	
Elderly Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Communicable Disease Awareness	4	Unit	Within first year of employment	Mandated – CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
Substance Abuse ID	2	Region/Unit	Within first year	Department of Transportation	One time training	None	
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy Mandated	4 hours every 2 years thereafter	None	(*)
I-300 Intermediate ICS	27	Region/Unit	Within first year	Mandated – SB 1841,SEMS	One time training	I-200	(*)
Hazardous Materials First Responder-Operational	24	Unit	within one year of hire	OSHA requirements under 29 CFR 1910.120 and the CCR Title 8, Section 5192. All Haz Mat responders (i.e. fire, law enforcement, health & private industry) must have at least this level of training.	8 Hours annually	None	
Self Contained Breathing Apparatus	3	Unit/Station	Prior to response	Mandated – Title 8 3401 (b) (1)	Annual Evaluation	None	

**122 Total Hours Job Required Within First Year - Fire Captain**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required - Fire Captain**

Leadership Development	40	Academy		CDF Policy	One time training	None	(*) (1)
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**40 Total Hours Job Required - Fire Captain**

**Job Required Within Fourth Year - Fire Captain**

Defensive Drivers Training	4	Unit	Within first 4 years	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
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**4.00 Total Hours Job Required Within Fourth Year - Fire Captain**

**JOB ENHANCEMENT**

Management Development	40	CDF Academy/ Unit				Leadership Development	(2)
Incident Management 3 - CDF	40	CDF Academy/ Unit				Basic Engine Operation- (BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course, Basic ICS (I-220/200), Incident Management 2.	

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Hazardous Materials Incident Commander	36	Region/Unit			Annual - 8 hours	None	
S-234 Firing Methods and Procedures - NWCG	24	Unit				Basic Engine Operation- (BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course; Incident Management 1	
Fire Officer Certification - CFSTES	320	Community College					(3)
S-390 Introduction to Wildland Fire Behavior Calculations - NWCG	16	Region/Unit				Basic Engine Operation- (BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course (it is recommended the student has attended IFB in the last three years)	

**476.00 Total Hours Job Enhancement Training**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**CAREER DEVELOPMENT**

S-490 Advanced Wildland Fire Behavior Calculations	40	CDF Academy/ Unit				Basic Engine Operation (BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course, Introduction to Wildland Fire Behavior Calculations (S-390) and BEHAVE program training	
Open Learning Fire Service Program - NFA	Various Courses	National Fire Academy					
Chief Officer Certification - CSFM	400	CFA/CSFM				Community College Degree	(4)

NOTES: (\*) = New Department Policy  
 (1) Replaces Supervision 3  
 (2) Part of CDF Chief Officer College, replaces Supervision 4  
 (3) = 8 Courses  
 (4) = 10 courses  
 (----) = Subject Area Taught in the Course Listed Above

**Fire Officer Certification**

- |                         |                      |
|-------------------------|----------------------|
| - Fire Instructor 1A    | - Fire Instructor 1B |
| - Fire Investigation 1A | - Fire Prevention 1A |
| - Fire Prevention 1B    | - Fire Management 1  |
| - Fire Command 1A       | - Fire Command 1B    |

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN (LIMITED TERM)

(No. 14 March 2001)

INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN (LIMITED TERM)							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

#### *Job Required Within First Year - Fire Captain (Limited Term)*

First Responder Medical - CDF	46	Unit	Prior to response	CDF Policy	24 hour every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated – H&S 1797.192 SB 1068	One time training	None	
Elderly Abuse W&I 15630	[1]	Unit	Entry	Mandated-W&I 15632	One time training	None	
Communicable Disease Awareness	4	Unit	Within 1 year of initial hire	Mandated – CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	
Public Safety CPR - CDF	8	Unit	Within 1 year of initial hire or prior to response	Mandated – H.S. Code, CCR Title 22	4 hours every 2 years	None	
Hazardous Materials First Responder-Operational	24	Unit	within one year of hire	OSHA requirements under 29 CFR 1910.120 and the CCR Title 8, Section 5192. All Haz Mat responders (i.e. fire, law enforcement, health & private industry) must have at least this level of training.	8 Hours annually	None	
EEO/Sexual Harassment	4	Unit	Upon employment	CDF Policy Mandated	Annually	None	(*)
Self Contained Breathing Apparatus	3	Unit/Station	Prior to response	Mandated – Title 8 3401 (b) (1)	Annual Evaluation	None	
Substance Abuse ID	2	Region/Unit	Within first year of assignment	Department of Transportation	One time training	None	
Wildland Firefighter Survival -CDF	8	Unit	Within 1 year of assignment to FC-LT	CDF Policy	One time training	None	(*)

**103.00 Total Hours Job Required Within First Year - Fire Captain (Limited Term)**

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Within Fourth Year - Fire Captain (Limited Term)**

Defensive Drivers Training	4	Unit	Within first 4 years	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
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**4.00 Total Hours Job Required Within Fourth Year - Fire Captain (Limited Term)**

**JOB ENHANCEMENT**

Incident Management 3 - CDF	40	Unit				Basic Engine Operation- (BFEO) or Basic Fire Control- Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course, Basic ICS (I-220/200), Incident Management 2.	
S-234 Firing Methods and Procedures - NWCG	24	Unit				Basic Engine Operation- (BFEO) or Basic Fire Control- Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course; Incident Management 1	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
S-390 Introduction to Wildland Fire Behavior Calculations - NWCG	40	Region/Unit				Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course (it is recommended the student has attended IFB in the last three years)	
Hazardous Materials Incident Commander	40	Region/Unit			Annual - 8 hours	First Responder Operations-HazMat	

**144.00 Total Hours Job Enhancement Training**

**CAREER DEVELOPMENT**

S-490 Advanced Wildland Fire Behavior Calculations	40	Academy				Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module; S-290 Intermediate Wildland Fire Behavior; S-390 Introduction to Wildland Fire Behavior Calculations	
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

Open Learning Fire Service Program - NFA	Various Courses	National Fire Academy					
Chief Officer Certification - CSFM	400	CFA/CSFM					(1)

NOTES: (\*) = New Department Policy  
 (----) = Subject Area Taught in the Course Listed Above  
 (1) = 10 courses

[\(see Table of Contents\)](#)

# FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN (Hired From Open Exam List)

(No. 17 April 2004)

## MINIMUM QUALIFICATIONS

License and Education: Possession of a valid California driver's license of the appropriate class issued by the Department of Motor Vehicles. Applicants who do not possess the license will be admitted to the examination but must secure the license prior to appointment.

and

Experience: Three years of permanent full-time experience in California state service performing the duties of a Fire Apparatus Engineer or Fire Apparatus Engineer (Paramedic) and successful completion of the corresponding California Firefighter Joint Apprenticeship Committee Program. (Applicants who are within six months of satisfying the experience requirement will be admitted to the exam but must successfully complete the apprenticeship program before appointment.);

or

Three years of permanent full-time experience in the California state service performing the duties of a Fire Apparatus Engineer with an appointment to the class prior to the initiation of the California Firefighter Joint Apprenticeship Committee Program on July 1, 1983;

or

Applicants who gained employment with the California Department of Forestry and Fire Protection by Board Resolution may compete if they have three years of permanent full-time experience as a Fire Apparatus Engineer or Fire Apparatus Engineer (Paramedic) but must successfully complete the apprenticeship program before appointment or receive SubJAC certification of journey level status. [Experience with the California Department of Forestry and Fire Protection may be combined with prior Fire Apparatus Engineer or Fire Apparatus Engineer (Paramedic) experience to meet this requirement.] (Applicants who are within six months of satisfying the experience requirement will be admitted to the exam but must successfully complete the apprenticeship program before appointment or receive SubJAC certification of journey level status.)

or

Forty-eight months of full-time experience in the California state service performing the duties of a Fire Apparatus Engineer or Fire Apparatus Engineer (Paramedic). (Applicants who are within six months of satisfying the experience requirement will be admitted to the examination but must complete the experience requirement prior to appointment.)

or

Twenty-four months of experience as a full-time paid Company Officer leading an engine company (or equivalent) at a level of responsibility equivalent to that of a Fire Captain. (Applicants who are within six months of satisfying the experience requirement will be admitted to the examination but must complete the experience requirement prior to appointment.)

or

Forty-eight months of experience as a full-time paid employee of a fire department supervising or leading a hand crew, such as an Incident Command System Type I or II Crew, at a level of responsibility equivalent to that of a Fire Captain. (Applicants who are within six months of satisfying the experience requirement will be admitted to the examination but must complete the experience requirement prior to appointment.)

**INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN (HIRED FROM OPEN EXAM LIST)**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB REQUIRED**

**Job Required Within First Year - Fire Captain**

Public Safety CPR	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	Public Safety CPR
First Responder Medical	40	Unit	Prior to first unsupervised response	CDF Policy	24 hours every 2 years	Public Safety - CPR	
Communicable Disease Awareness	[1]	Unit	Within first year of employment	Mandated – CLC 5193(3) (5) CFR 1910.1030	1 hr annual (min)	None	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated – H&S 1797.192 SB 1068	One time training	None	
Elderly Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Hazardous Materials First Responder-Operational	24	Unit	Prior to first unsupervised response	OSHA requirements under 29 CFR 1910.120 and the CCR Title 8, Section 5192.	8 Hours annually	None	
I-100 Intro to ICS	1	Self study	Prior to first unsupervised response	CDF Policy	One time training	none	
New Employee Safety Orientation (IIPP-7)	1	Unit	Prior to first unsupervised response	CDF Policy		None	
CDF Firefighter (Train the Trainer)	67	Unit	Prior to response	CDF Policy	One time training	None	
Basic Fire Academy BFC 1A Orientation	44	CDF Academy	Prior to first unsupervised response	CDF Policy	One time training	Hazmat 1 <sup>st</sup> responder	FC Orientation is equivalent
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	none	
EEO/ Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours every 2 years thereafter	none	
Basic Fire Academy BFC 2A - Driver Operator	133.5	CDF Academy	Prior to first unsupervised response	CDF Policy	One time training	Hazmat 1 <sup>st</sup> responder	
Defensive Driver	[4]	Academy	Prior to response	State Administrative Manual	4 hours, every 4 years	CA Driver's license	

**INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN (HIRED FROM OPEN EXAM LIST)**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB REQUIRED**

**Job Required Within First Year - Fire Captain**

Ride A-Long Orientation with Unit for 6 consecutive shift days on: * ECC, local policies, IIPP, purchasing procedures, month end reports, E-pay, training record procedures, process for volunteers/ pay call firefighters, crew guide * Camp, custodial agency rules, wards/inmates, camp boundary rules, project sponsorship * Station management * Unit programs	48	Unit	Prior to first unsupervised response	CDF Policy for Fire Captains hired off Open List	One time training	None	
Basic Fire Academy BFC 1B Fire fighting skills	120	CDF Academy		Unit Option			
Self Contained Breathing Apparatus	[3]	Unit/Station	Prior to response	Mandated – Title 8 3401 (b) (1)	Annual Evaluation	None	
Confined Space	8 [40]	Unit/ Academy	Prior to first unsupervised response	Mandated CCR Title 8 Section 5157	Annual hands on Drill	None	
Basic Fire Academy BFC 2B Skills application	131	CDF Academy	Within one year of hire	CDF Policy	One time training	BFC 1A, 2A	
Intermediate Wildland Behavior S290	[32]	CDF Academy	Within one year of hire	Required	One time training		
Wildland Firefighter Survival – CDF	[8]	CDF Academy	Prior to first unsupervised response	CDF Policy	One time training	None	
Interface Fire Fighting (I-Zone)	[8]	CDF Academy	Prior to first unsupervised response	CDF Policy			

**615.5 Total Hours Job Required Within First Year - Fire Captain (Hired From Open Exam List)**

Fire Crew Captain - Admin	40	Academy	If at a camp	CDF Policy	One time training		
Fire Crew Captain - Ops	40	Academy	If at a camp	Unit Option	One time training	Fire Crew Captain - Admin	

INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN (HIRED FROM OPEN EXAM LIST)							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB REQUIRED**

***Job Required Within Second Year - Fire Captain***

Incident Management 2 - CDF	40	Region/ Unit				BFC 1A, 2A, 2B	
Fire Investigation 1A	40	Unit		CDF Policy			
Leadership Fundamentals	40	Region		CDF Policy		None	
I-300 Intermediate ICS	27	Region	Within first year	Mandated – SB 1841,SEMS	One time training	I-200	
CDF Intermediate Firing Methods	32	Region				S-234 or Unit equivalency	

**179 Total Hours Job Required Within Second Year - Fire Captain (Hired From Open Exam List)**

See [Fire Captain Program Guide](#) for Job Enhancement and Career Development

(see [Table of Contents](#))

## FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN - AIR ATTACK

(No. 8 May 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN - AIR ATTACK</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Fire Captain position. Also see Fire Captain for additional job enhancement and career development.

#### ***Job Required Within First Year - Fire Captain - Air Attack***

Air Attack Management - CDF	72	Redding Air Attack Base Mather Air Attack Base	Within 1 year of assignment/ reassignment to Air Attack Base	CDF Policy	One time training	Basic ICS (I-200/220), Basic Fire Control, S-290 Intermediate Wildland Fire Behavior, Strike Team Leader (I-330, I-333, 334, or 335)	
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**72.00 Total Additional Hours Job Required Within First Year - Fire Captain - Air Attack**

#### ***Job Required Within Second Year - Fire Captain - Air Attack***

Fixed Wing Base Manager - ICS	32	Region	Within 2 years of assignment to an Air Attack Base	CDF Policy	One time training	Basic ICS (I-200/220)	(*)
Retardant Base Manager - ICS	16	Region	Within 2 years of assignment to an Air Attack Base	CDF Policy	One time training	Basic ICS (I-200/220)	(*)

**48.00 Total Additional Hours Job Required Within Second Year - Fire Captain - Air Attack**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

Aerial Retardant Application	40	Marana, AZ					
Basic Interagency Air Attack - USFS	40	North Zone Training Center					
I-271 Helibase Manager	32	Region				Basic ICS I-200(or 220), qualified Helispot Manager.	
I-375 Air Support Supervisor	32	Region				I-200 (or I-220) Basic ICS, Helispot Manager I-272, Helibase Manager I-271, satisfactory performance as a Helibase Manager.	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
I-470 Air Operations Branch Director	16	Region/Area				I-200 (or I-220) Basic ICS, Air Attack Supervisor I-378, Air Tanker Coordinator I-376, Helicopter Coordinator I-374, Air Support Supervisor I-375, Helibase Manager I-271, Helispot Manager I-272, Strike Team Leader I-333, 334, or 335.	

**184.00 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN - EMERGENCY COMMAND CENTER

(No. 8 May 1999)

INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN - EMERGENCY COMMAND CENTER							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Fire Captain position. Also see Fire Captain for additional job enhancement and career development.

#### *Job Required Within First Year - Fire Captain - Emergency Command Center*

Emergency Command Center Operations - CDF	160	CDF Academy	Within 1 year of assignment to the ECC	CDF Policy	One time training	Prerequisites are current ECC assignment or selection to fill an anticipated vacancy within 12 months.	(1)
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**160.00 Total Additional Hours Job Required Within First Year - Fire Captain - Emergency Command Center**

### JOB ENHANCEMENT

Emergency Medical Dispatcher	24	Region/Unit			Refresher every 2 years	CPR	
National Fire Danger Rating System (NFDRS)	9	Marana, AZ					
I-358 Communications Unit Leader	40	Region/Area				I-200 (or I-220) Basic ICS	
Multi-Agency Coordination Group	32	Marana, AZ					
Dispatch Recorder D-110	16	Unit/Zone/Region					
Support Dispatcher D-310	32	Unit/Zone/Region					
Introduction to Telecommunications	40	General Services					
Supervisory Dispatcher D-410	40	Unit/Zone/Region					

**233.00 Total Hours Job Enhancement Training**

- NOTES: (\*) = New Department policy  
(1) = All students should be familiar with the Emergency Command Center Procedures Handbook - Procedures 1, 3, 5, 6, 7, 8, and 9. Participants must also have demonstrable computer skills and basic exposure to console operations, alarm handling, resource identification, agency/interagency orientation, principles of status keeping, and protocol.

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN - FIRE CREW

(No. 8 May 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN - FIRE CREW</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Fire Captain position. Also see Fire Captain for additional job enhancement and career development.

#### *Job Required Within First Year - Fire Captain - Fire Crew*

Fire Crew Captain Module 1 - CDF	40	Region	Within 1 year of assignment to Fire Crew	CDF Policy	One time training	None	(*)
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**40.00 Total Additional Hours Job Required Within First Year - Fire Captain - Fire Crew**

### JOB ENHANCEMENT

Incident Management 3 - CDF	40	Unit				Basic Engine Operation- (BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course, Basic ICS (I-220/200), Incident Management 2.	
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
S-234 Firing Methods and Procedures - NWCG	24	Unit				Basic Engine Operation- (BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course; Incident Management 1	
Fire Officer Certification - CFSTES	320	Community College					(1)
S-390 Introduction to Wildland Fire Behavior Calculations - NWCG	16	Region/Unit				Basic Engine Operation- (BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course (it is recommended the student has attended IFB in the last three years)	

**400.00 Total Hours Job Enhancement Training**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**CAREER DEVELOPMENT**

S-490 Advanced Wildland Fire Behavior Calculations	40	Region/Area				Basic Engine Operation (BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course, Introduction to Wildland Fire Behavior Calculations (S-390) and BEHAVE program training	
Open Learning Fire Service Program - NFA	Multiple Courses	National Fire Academy					
Chief Officer Certification - CSFM	400	CFA/CSFM				Community College Degree	(2)

NOTES: (\*) = New Department Policy  
 (1) = 8 Courses  
 (2) = 10 Courses

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN - HELITACK

(No. 8 May 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN - HELITACK</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Fire Captain position. Also see Fire Captain for additional job enhancement and career development.

***Job Required Within First Year - Fire Captain - Helitack***

Basic Helitack Crew Person	40	Unit	Prior to response	CDF Policy	One time training	None	(*)
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**40.00 Total Additional Hours Job Required Within First Year - Fire Captain - Helitack**

***Job Required Within Second Year - Fire Captain - Helitack***

Air Attack Management - CDF	72	Redding Air Attack Base Mather Air Attack Base	Within 2 years of assignment to Helitack	CDF Policy	One time training	Basic ICS (I-200/220), Basic Fire Control-Firefighter Module, S-290 Intermediate Wildland Fire Behavior, Strike Team Leader (I-330, I-333, 334, or 335)	
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**72.00 Total Additional Hours Job Required Within Second Year - Fire Captain - Helitack**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

Aerial Retardant Application	40	Marana, AZ					
I-271 Helibase Manager	32	Region				Basic ICS I-200(or 220), qualified Helispot Manager.	
I-374 Helicopter Coordinator	32	Region/Area				I-200 (or I-220) Basic ICS, and satisfactory performance supervising a helicopter and crew.	
I-375 Air Support Supervisor	32	Region				I-200 (or I-220) Basic ICS, Helispot Manager I-272, Helibase Manager I-271, satisfactory performance as a Helibase Manager.	
I-378 Air Attack Supervisor	32	Region				I-200 (or I-220) Basic ICS, Helicopter Coordinator I-374, Airtanker Coordinator I-376, satisfactory performance as a Division/Group Supervisor.	

**168.00 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN (LIMITED TERM) HELITACK

(No. 8 May 1999)

INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN (LIMITED TERM) HELITACK							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED


**Total Hours Job Required Fire Captain (LT) - Helitack**

### JOB ENHANCEMENT


**Total Hours Job Enhancement Fire Captain (LT) - Helitack**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN - TRAINING OFFICER

(No. 8 May 1999)

INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN - TRAINING OFFICER							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Fire Captain position. Also see Fire Captain for additional job enhancement and career development.

#### *Job Required Within Four Years - Fire Captain - Training Officer*

Fire Instructor 1A - CSFM	40	Community Level/Region /Unit	Unit Option	CDF Policy	One time training	None	(*)
Fire Instructor 1B - CSFM	40	Community Level/Region /Unit	Unit Option	CDF Policy	One time training	None	(*)

**80.00 Total Additional Hours Job Required Within Fourth Year - Fire Captain - Training Officer**

### JOB ENHANCEMENT

Fire Instructor 2A - CSFM	36	Region / Community College				Fire Instructor 1A & 1B	
Fire Instructor 2B - CSFM	36	Region / Community College				Fire Instructor 1A & 1B	
Fire Instructor 2C - CSFM	36	Region / Community College				Fire Instructor 1A & 1B	
Master Instructor 3 - CSFM	36	CFA/CSFM				Fire Instructor 2A, 2B, 2C	
Fire Service Course Development(R114) - NFA	80	National Fire Academy					

**224.00 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIRE CAPTAIN - FIRE PREVENTION/LAW ENFORCEMENT/ENGINEERING

(No. 8 May 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FIRE CAPTAIN - FIRE PREVENTION/LAW ENFORCEMENT/ENGINEERING</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Fire Captain position. Also see Fire Captain for additional job enhancement and career development.

#### ***Job Required Within First Year - Fire Captain - Fire Prevention/Law Enforcement/Engineering***

P.O.S.T. Basic	662	CDF Academy	Prior to filling an L.E. Assignment	CDF Policy/POST	24 hour refresher Every 2 years	Psychological evaluation, background check, First Responder Medical Aid, CPR, Physical Exam	
Public Officer	40	CDF Academy	Within 1 year of assignment	Unit Option		PC 832	

**702.00 Total Additional Hours Job Required Within First Year - Fire Prevention/Law Enforcement/Engineering**

#### ***Job Required Within Third Year - Fire Captain - Fire Prevention/Law Enforcement/Engineering***

Continued Professional Training	24	CDF Academy/ Unit	Every 2 years	POST	Every 2 years	POST Basic	
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**24.00 Total Additional Hours Job Required Within Third Year - Fire Prevention/Law Enforcement/Engineering**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

Fire Investigator 1 - Certified CFSTES	80	CFA/CSFM					
Fire Investigator 2 - Certified CFSTES	80	CFA/CSFM					
Firearms Instructor	40	CDF Academy					
DMV Access	8	Region/Unit					
Fire Protection Land Use Planning (CEQA) - CDF	40	CDF Academy					
Fire Prevention Analysis and Planning - CDF	28	Region					
Juvenile Firesetter	24	Region/Unit					
Crime Scene Photography	8	Dept. of Justice					
Surveillance Equipment	16	Dept. of Justice					
Officer Survival	32	CSTI					
GIS Mapping Introduction	8	Region/Unit					
Plan Checker	36	CSFM					
I-403 Information Officer	32	CDF Academy				I-200 (or I-220) Basic ICS	
Code Inspection/Enforcement	32	Region/Unit/ CSFM					
Arson Investigation Unit	40	Region/Unit			24 hours every 2 years	Arson Investigation Unit	

**504.00 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)



Fire Protection Training  
EMPLOYEE TRAINING PROGRAM GUIDES

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# FIRE APPARATUS ENGINEER

## FIRE PROTECTION TRAINING GUIDE - FIRE APPARATUS ENGINEER

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

Possession of a valid California driver's license of the appropriate class issued by the Department of Motor Vehicles. Applicants who do not possess the license will be admitted to the examination but must secure the license prior to appointment.

and

Experience:

Either I

Eight months of firefighting experience;

or II

Enrollment in the California Firefighter Joint Apprenticeship Committee Pre-apprenticeship Outreach Program.

and

Three months firefighting experience until December 31, 1983; six months' firefighting experience until December 31, 1984; or eight months' firefighting experience thereafter.

or III

Two years of experience as a certified volunteer firefighter. (Candidates who are within two months of satisfying the experience requirement under Pattern I above for this class will be admitted to the examination, but they must fully meet the experience requirement before being eligible for appointment.)

or IV

Two years of experience as a Fire Prevention Specialist II and successful completion of the mandatory training courses prescribed for a Department of Forestry and Fire Protection Firefighter I.

INDIVIDUAL PROFESSIONAL TRAINING - FIRE APPARATUS ENGINEER							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB REQUIRED**

**Job Required Within First Year - Fire Apparatus Engineer**

**JOB Required**

Basic Fire Academy BFC 1A Orientation/ basic admin	44	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	none	
EEO/ Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	none	(*)

Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	annual evaluation	none	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	none	

Basic Fire Academy BFC 2A Driver Operator training	133.5	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Defensive Driver	[4]	CDF Academy	Prior to response	SAM Required for frequent operation of any vehicle on state business	4 hours every 4 years	CA Driver's license	

Basic Fire Academy BFC 2B Skills Application	131	CDF Academy	Probationary requirement	SPB Job specification	One time training	BFC 1A, 1B, and 2A	(*)
Intermediate Wildland Behavior S290	[32]	CDF Academy	Within initial training	Required	One time training		
Wildland Firefighter Survival	[8]	CDF Academy	Within one year of hire	CDF Policy	One time training	None	
Communicable Disease Awareness	[2]	Unit	Prior to response	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	

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Hazardous Materials: First Responder-Operational	24	Unit	Prior to Response	Mandated - SARA Title III	Annual-8 hours	None	
First Responder Medical – CDF	46	Unit	Prior to response	CDF Policy	24 hours every 2 years	Public Safety CPR	
Sudden Infant Death Syndrome	[1]	Unit	As part of basic training	Mandated - H&S 1797.192 SB 1068	One time training	None	
Child and Elder Abuse	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Public Safety CPR – CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	

FAE JAC Syllabus - 1 <sup>st</sup> Year	144	Unit/Station	Within first 12 months of station assignment	CDF Policy	One time training	None	
Incident Management 1	24	Region/Unit	Within 1 year of initial hire	CDF Policy	One time training	Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module; and Basic ICS (I100) or above; or one year as a volunteer driver/operator or volunteer company officer.	

666.5 Total Hours Job Required Within One Year - Fire Apparatus Engineer

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**Job Required Within Second and/or Third Year - Fire Apparatus Engineer**

FAE JAC Syllabus 2nd/3rd Year	144	Unit/Station	Prior to completing the 3rd year of employment	CDF Policy	One time training	1st year JAC Syllabus	
Incident Management 2 - CDF	32	Region/Unit				Basic Engine Operation- (BFEO) or Basic Fire Control- Firefighter Module; and Basic ICS (I200), and Incident Management 1 - CDF	
Leadership Fundamentals	40	Region		JAC			
Progressive Discipline	8	Unit					

224 **Total Hours Job Required Within Three Years - Fire Apparatus Engineer**

**JOB ENHANCEMENT**

S-234 Firing Methods and Procedures - NWCG	24	Unit				Basic Engine Operation- (BFEO) or Basic Fire Control- Firefighter Module; S-290 Intermediate Wildland Fire Behavior; Incident Management 1	
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24 **Total Hours Job Enhancement Training - Fire Apparatus Engineer**

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**CAREER DEVELOPMENT**

Fire Officer Certification - CSFM	320	CFSTES/ Community College				Fire Fighter II - Certification	(2)
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- NOTES:
- (\*) = New Department policy
  - (1) = Hours added to Firefighter Module
  - (2) = Eight Courses
  - CFSTES = California Fire Service Training and Education System
  - (---) = Subject Area Taught in the Course Listed Above

**Fire Officer Certification (1998)**

- Fire Command 1A
- Fire Command 1B
- Fire Instructor 1A
- Fire Instructor 1B
- Fire Investigation 1A
- Fire Prevention 1A
- I-300
- Fire Prevention 1B
- Fire Management 1
- I-Zone Fire Company Officer
- 

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## FIRE PROTECTION TRAINING GUIDE - FIRE APPARATUS ENGINEER (LIMITED TERM)

(No. 14 March 2001)

INDIVIDUAL PROFESSIONAL TRAINING - FIRE APPARATUS ENGINEER (LIMITED TERM)							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

#### *Job Required Within First Year - Fire Apparatus Engineer (Limited Term)*

Public Safety First Aid – CDF	26	Unit	Prior to response	Mandated - H&S Code, CCR Title 22	8 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated - H&S 1797.192 SB 1068	One time training	None	
Child and Elder Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Communicable Disease Awareness	[4]	Unit/Station	Prior to Response	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	
Public Safety CPR – CDF	8	Unit	Prior to Response	Mandated - H&S Code, CCR Title 22	4 hours every 2 years	None	
Firefighter 1-Basic	67	Unit	Prior to response	CDF Policy	One time training	None	
Self Contained Breathing Apparatus	[3]	Unit/Station	Prior to response	Mandated - Title 8 3401 (b) (1)	Annual Evaluation	None	
Basic Fire Academy BFC 2A Driver Operator training	133.5	CDF Academy	Prior to assignment	CDF Policy	One time training	Class B license; CDF FF1 basic; CPR and Public Safety 1 <sup>st</sup> Aid	(*)
Defensive Driver	[4]	CDF Academy	Prior to Response	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	

First Responder Operations – Haz-Mat	16	Unit	Prior to assignment	Mandated - SARA Title III	Annual - 8 hours	None	(*)
EEO/Sexual Harassment	4	Unit	Upon employment	CDF Policy Mandated	Annually	None	(*)
Wildland Firefighter Survival –CDF	8	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

I-100 Introduction to ICS	2	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
I-200 Basic ICS	12	Unit	Required prior to filling an ICS position	CDF Policy	One time training	None	(*)

**261 Total Hours Job Required Within First Year - Fire Apparatus Engineer (Limited Term)**

#### JOB ENHANCEMENT

S-190 Introduction to Fire Behavior – NWCG	8	Station				None	
Preliminary Fire Investigation – CDF	40	Region/Unit				None	
Fire Service Supervision Increasing Personnel Effectiveness – NFA	16	Community College/CSFM					

**64 Total Hours Job Enhancement Training**

#### CAREER DEVELOPMENT

Fire Command 1A - CFSTES	36	Community College					
Fire Command 1B - CFSTES	36	Community College					
Firefighter 1 Certification - CSFM	265	Community College					

NOTES: (\*) = New Department Policy  
 (---) = Subject Area Taught in the Course Listed Above

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIRE APPARATUS ENGINEER (PARAMEDIC)

(No. 8 May 1999)

### MINIMUM QUALIFICATIONS

Possession of a valid driver license of the appropriate class issued by the Department of Motor Vehicles. Applicants who do not possess the license will be admitted to the examination but must secure the license prior to appointment.

and

Possession of a current Emergency Medical Technician-Paramedic (EMT- P) certificate issued by a California County Health Officer;

or

enrollment in an approved paramedic training program within five months of completion. (Proof of paramedic certification applicable to county of employment will be required prior to appointment.)

and

Experience: Either

1. Eight months of fire-fighting experience.

Or

2. Enrollment in the California Fire Fighter Joint Apprenticeship Committee Pre-apprenticeship Outreach Program. and Eight months of fire-fighting experience.

Or

3. Two years of experience as a certified volunteer fire fighter.

Or

4. Two years of experience as a Fire Prevention Specialist II

and

successful completion of the mandatory training courses prescribed for a Department of Forestry and Fire Protection Fire Fighter I. (Candidates who are within two months of satisfying the experience requirement under Pattern I above for this class will be admitted to the examination, but they must fully meet the experience requirement before being eligible for appointment.)

INDIVIDUAL PROFESSIONAL TRAINING - FIRE APPARATUS ENGINEER Paramedic							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

Training listed is in addition to the JOB REQUIRED training for the FIRE APPARATUS ENGINEER position. For additional job enhancement and career development, also see FIRE APPARATUS ENGINEER.

**JOB REQUIRED**

*Job Required Within First Year - Fire Apparatus Engineer Paramedic*

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- NOTES:
- (\*) = New Department policy
  - (1) = Hours to be Added to Firefighter Module
  - CFSTES = California Fire Service Training and Education System
  - CSFM = California State Fire Marshal
  - (----) = Subject Area Taught in the Course Listed Above

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## FIRE PROTECTION TRAINING GUIDE - FIRE APPARATUS ENGINEER - HELITACK

(No. 14 March 2001)

INDIVIDUAL PROFESSIONAL TRAINING - FIRE APPARATUS ENGINEER - HELITACK							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

***Job Required Within First Year - Fire Apparatus Engineer - Helitack***

Training listed is in addition to JOB REQUIRED training for the Fire Apparatus Engineer position

EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy Mandated	4 hours every 2 years thereafter	None	(*)

**Total Hours Job Required Within First Year - Fire Apparatus Engineer - Helitack**

### JOB ENHANCEMENT


**Total Hours Job Required Job Enhancement - Fire Apparatus Engineer - Helitack**

NOTES: (\*) = New department policy

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## FIRE PROTECTION TRAINING GUIDE - FIRE APPARATUS ENGINEER (LT) - HELITACK

(No. 14 March 2001)

INDIVIDUAL PROFESSIONAL TRAINING - FIRE APPARATUS ENGINEER (LT) - HELITACK							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

***Job Required Within First Year - Fire Apparatus Engineer (LT) - Helitack***

EEO/Sexual Harassment	4	Unit	Upon employment	CDF Policy Mandated	Annually	None	(*)

**Total Hours Job Required Within First Year - Fire Apparatus Engineer (LT) - Helitack**

### JOB ENHANCEMENT


**Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy

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# Fire Protection Training

## EMPLOYEE TRAINING PROGRAM GUIDES

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# FIREFIGHTER

## FIRE PROTECTION TRAINING GUIDE - FIREFIGHTER II

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

Minimum Age: 18 years at the time of appointment. (Candidates who are within two months of satisfying the age requirement will be admitted to the examination.)

and

Experience:

Either I

Three months of firefighting experience.

or II

One year of experience as a certified volunteer firefighter.

or III

Completion of training courses, prerequisite for Firefighter I Certification.

or IV

One year of experience as a Fire Prevention Specialist I and successful completion of the mandatory training courses prescribed for a Department of Forestry and Fire Protection Firefighter I.

INDIVIDUAL PROFESSIONAL TRAINING - FIREFIGHTER II							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

***Job Required Within First Year - Firefighter II***

First Responder Medical - CDF	46	Unit	Prior to response	CDF Policy	24 hours every 2 years	Public Safety CPR	
Sudden Infant Death Syndrome	[1]	Unit	Prior to response	Mandated - H&S 1797.192 SB 1068	One time training	None	
Child and Elder Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
Firefighter 1 - Basic	67	Unit	Prior to response	CDF Policy	One time training	None	
Basic Fire Academy BFC 1A Orientation/basic admin	44	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	None	
EO/Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	None	(*)
Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	Annual evaluation	None	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	None	
Hazardous Materials First Responder-Operational	24	Unit	Prior to Response	Mandated - SARA Title III	Annual-8 hours	None	
FF-II JAC Syllabus - 1st Year	144	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	
Defensive Drivers Training	[4]	Unit	Unit option	SAM - required for frequent operation of any vehicle on state business	4 hours every 4 years	California Drivers License	(2)

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**459.00 Total Hours Job Required Within First Year - Firefighter II**  
***Job Required Within Second and/or Third Year - Firefighter II***

FF-II JAC Syllabus - 2nd/3rd Year	144	Unit	Prior to completing the 3rd year of employment	CDF Policy	One time training	1st year JAC syllabus	
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**144.00 Total Hours Job Required Within Second and/or Third Year - Firefighter II**

**CAREER DEVELOPMENT**

Fire Prevention 1A - CFSTES	36	Community College					
Fire Command 1A - CFSTES	36	Community College					
Fire Command 1B - CFSTES	36	Community College					
Fire Fighter II Certification - CSFM	110	Unit/Station					

- NOTES:
- (\*) = New Department policy
  - (1) = Hours to be Added to Firefighter Module
  - (2) = California Fire Service Training and Education System
  - CFSTES = See CDF Policy 6750
  - CSFM = California State Fire Marshal
  - (---) = Subject Area Taught in the Course Listed Above

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## FIRE PROTECTION TRAINING GUIDE - FIREFIGHTER II (PARAMEDIC)

(No. 8 May 1999)

### MINIMUM QUALIFICATIONS

Minimum age of 18 years at the time of appointment. (Candidates who are within two months of satisfying the age requirement will be admitted to the examination.) and Possession of a valid driver license of the appropriate class issued by the Department of Motor Vehicles. Applicants who do not possess the license will be admitted to the examination but must secure the license prior to appointment.

and

Possession of a current Emergency Medical Technician-Paramedic (EMT- P) certificate issued by a California County Health Officer; or enrollment in an approved paramedic training program within five months of completion. (Proof of paramedic certification applicable to county of employment will be required prior to appointment.)

and

Experience:

Either

I Three months of fire-fighting experience.

Or

II One year of experience as a certified volunteer fire fighter. Or III Completion of prerequisite training courses for Fire Fighter I certification. Or IV One year of experience as a Fire Prevention Specialist I and successful completion of the mandatory training courses prescribed for a Department of Forestry and Fire Protection Fire Fighter I.

INDIVIDUAL PROFESSIONAL TRAINING - FIREFIGHTER II Paramedic							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

Training listed is in addition to the JOB REQUIRED training for the FIRE FIGHTER II position. For additional job enhancement and career development, also see FIRE FIGHTER II .

**JOB REQUIRED**

***Job Required Within First Year - Firefighter II Paramedic***

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- NOTES: (\*) = New Department policy  
 (1) = Hours to be Added to Firefighter Module  
 CFSTES = California Fire Service Training and Education System  
 CSFM = California State Fire Marshal  
 (----) = Subject Area Taught in the Course Listed Above

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIREFIGHTER II (LIMITED TERM)

(No. 14 March 2001)

INDIVIDUAL PROFESSIONAL TRAINING - FIREFIGHTER II (LIMITED TERM)							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

#### *Job Required Within First Year - FireFighter II (Limited Term)*

Public Safety First Aid - CDF	26	Unit	Prior to response	Mandated - H&S Code, CCR Title 22	8 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated - H&S 1797.192 SB 1068	Annual refresher	None	
Elderly Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Communicable Disease Awareness	[4]	Unit	Within first year of employment	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - One hour (minimum) refresher	None	
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
Personal Protective Equipment	5	Unit	Prior to response	Mandated - Title 8 3401 (b) (5)(6)	One time training	None	
EEO/Sexual Harassment	4	Unit	Upon employment	CDF Policy	annually	None	(*)
Self-Contained Breathing Apparatus	3	Unit	Prior to response	Mandated - Title 8 3401 (b) (1)	Annual evaluation	None	
Responder Operations First -Haz-Mat	16	Unit	Prior to response	Mandated - SARA Title III	Annual - 8 hours	None	(*)
Defensive Drivers Training	4	Unit	Unit Option	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California driver license	
Wildland Firefighter Survival - CDF	8	Region/Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)

**72.00 Total Hours Job Required Within First Year FireFighter II (Limited Term)**

REVIEW

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

First Responder Medical - CDF	46	Unit				None	
Firefighter 1 - Basic	67	Unit				None	
S-190 Introduction to Fire Behavior - NWCG	8	Station				None	
I-200 Basic ICS	12	Unit				None	

**133.00 Total Hours Job Enhancement Training**

**CAREER DEVELOPMENT**

Fire Prevention 1A - CFSTES	36	Community College					
Fire Command 1A - CFSTES	36	Community College					
Fire Command 1B - CFSTES	36	Community College					
FireFighter II Certification - CSFM	110	Unit/Station					

Notes: (\*) = New Department policy  
 CSFM = California State Fire Marshal  
 CFSTES = California Fire Service Training and Education System  
 (----) = Subject Area Taught in the Course Listed Above

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FIREFIGHTER I

(No. 14 March 2001)

### FIRE FIGHTER 1

#### MINIMUM QUALIFICATIONS

Minimum Age: 18 years at the time of appointment.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FIRE FIGHTER I</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

#### JOB REQUIRED

##### *Job Required Within First Year - All Fire Fighters I*

Public Safety First Aid — CDF	26	Unit	Prior to response	Mandated - H&S Code, CCR Title 22	8 hours every 2 years	Public Safety - CPR	(1)
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated- H&S 1797.192 SB 1068	One time training	None	
Child and Elder Abuse W&I 15630	[1]	Unit	Entry	Mandated- W&I 15632	One time training	None	
Communicable Disease Awareness	[4]	Unit	Prior to response	Mandated- CLC 5193 (3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	(1)
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated- H&S Code, CCR Title 22	4 hours every 2 years	None	(1)
Firefighter 1 - Basic	67	Unit	Prior to response	CDF Policy	One time training	None	
Personal Protective Equipment	[5]	Unit	Prior to response	Mandated- Title 8 3401 (b) (5)(6)	One time training	None	
Self-Contained Breathing Apparatus	[3]	Unit	Prior to response	Mandated- Title 8 3409 (b) (1)	Annual Evaluation	None	
Hazardous Materials: First Responder-Operational	16	Unit	Prior to response	Mandated - SARA Title III	Annual - 8 hours	None	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
EEO/ Sexual Harassment	4	Unit	Upon employment	CDF Policy	Annually	None	(*)
Defensive Drivers Training	4	Unit/Station	Unit Option	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	Valid California driver's license	(2)
I-100 Introduction to ICS	2	Unit/Station	Within 1 year of initial hire	CDF Policy	One time training		(*)
Wildland Firefighter Survival — CDF	8	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)

**140.00 Total Hours Job Required Within First Year - All Fire Fighter I**

**JOB ENHANCEMENT**

S-190 Introduction To Fire Behavior - NWCG	8	Station					
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**8.00 Total Hours Job Enhancement Training**

**CAREER DEVELOPMENT**

Emergency Medical Technician 1	120	Community College/ CSFM					
Fire Command 1A — CFSTES	36	Community College					
Firefighter 1 Certification — CSFM	260	Community College/ CSFM					

- NOTES:
- (\*) = New Department policy
  - CSFM = California State Fire Marshal
  - CFSTES = California Fire Service Training and Education System
  - (---) = Subject Area Taught in the Course Listed Above
  - (1) = CDF Policy 7744.5.5
  - (2) = CDF Policy 6750

[\(see Table of Contents\)](#)



# RESOURCE MANAGMENT

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY AND FIRE PROTECTION ADMINISTRATOR

(No. 8 May 1999)

### MINIMUM QUALIFICATIONS

Either I

one year of experience in the California state service performing the duties of a State Forest Ranger III or a Forester III.

or II

Experience: Three years of forestry experience which has included responsibility for an extensive administrative area, a major staff activity, or an extensive resource management project. Such experience must have been at least comparable to that of a State Forest Ranger III or a Forester III in the California state service.

and

Education: Equivalent to graduation from college with specialization in forestry, resource management, or other closely related natural resource field. (Additional qualifying experience may be substituted for the required education on a year-for-year basis.)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY AND FIRE PROTECTION ADMINISTRATOR</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

**JOB REQUIRED**

Defensive Driver Training	4	Unit	Within first 4 years of employment	State Adm. Manual	4 hours every 4 years	Valid California Driver's License	
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[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - BIOLOGIST AND ASSOCIATE BIOLOGIST

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

#### **Biologist:**

Education: Equivalent to graduation from an accredited college, or equivalent degree, certificate or diploma approved by the California Superintendent of Public Instruction under the provisions of the California Education Code, Section 94310, with specialization in zoology, botany, fishery biology, conservation biology, herpetology, marine biology, wildlife management, or a closely related biological field.

#### **Associate Biologist:**

Education: Equivalent to graduation from an accredited college, or equivalent degree, certificate or diploma approved by the California Superintendent of Public Instruction under the provisions of the California Education Code, Section 94310, with specialization in zoology, botany, fishery biology, conservation biology, herpetology, marine biology, wildlife management, or a closely related biological field.

#### **Biologist (various classes)**

Education indicated above. (Registration as a senior in a recognized institution will admit applicants to the examination, but they must produce evidence of graduation or its equivalent before they can be considered eligible for appointment.)

#### **Associate Biologist (various classes)**

Education indicated above. (Registration as a senior in a recognized institution will admit applicants to the examination, but they must produce evidence of graduation or its equivalent before they can be considered eligible for appointment.)

INDIVIDUAL PROFESSIONAL TRAINING - BIOLOGIST							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

**Job Required Within First Year -All Biologists**

Basic Forest Practice	32	Academy	Within 1 year of appointment	Required	Once	None	(*)
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8hrs during initial year of employment	CDF Policy Mandated	H hours every 2 years thereafter	None	(*)
Hazardous Materials Awareness	8	Unit	Within first year of employment	Mandated-SARA Title III	Once	None	(*)
I-100 Introduction to ICS	3	Unit	Within first year of employment	Mandated-SB 27, Firescope Act	Once	None	(*)

**51 Total Hours Job Required Within First Year - All Biologists**

**Within Fourth Year - All Biologists**

Defensive Driver Training	4	Unit	Within first 4 years of employment	State Adm Manual - Required to operate <u>any</u> vehicle on state business	4 hours every 4 years	California Driver's License	
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**4 Total Hours Job Required Within Fourth Year - All Biologists**

**OB ENHANCEMENT**

Basic Firefighter	67	Unit	Prior to response or <u>any</u> fireline assignment	Required for <u>any</u> fireline assignment	Once	None	
Personal Protective Equipment	[5]	Unit	Within Basic Training	Mandated - Title 8 3401 (b) (5)(6)	Once	None	
Public Safety First Aid	26	Unit	Within 1 year of initial hire or prior to response	Required	8 hour refresher every 2 years	None	
Public Safety - C.P.R.	8	Unit	Within 1 year of initial hire	Required	4-8 hours refresher every 2 years	None	
Forest Insect Disease Identification And Management	24	Academy	Unit option	Required	Every 5 years	None	

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V

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Practice Enforcement	24	Academy	Unit option	Recommended	Every 4 years	POST Basic Academy or Public Officer recommended	
California Environmental Quality Act (CEQA) Training	24	Unit	Unit option	Required	Once	None	(*)

**173 Total Hours Job Enhancement - All Biologists**

NOTES: (\*) = New Department policy  
 (----) = Subject Area Taught in the Course Listed Above

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - ALL STATE ARCHEOLOGISTS (ASSISTANT, ASSOCIATE AND SENIOR)

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

#### **Assistant State Archeologist:**

Education: Equivalent to graduation from college with major course work in archeology or anthropology. (Registration as a Senior in a recognized institution will admit applicants to the examination, but they must produce evidence of graduation before they can be considered for appointment.)

#### **Associate State Archeologist:**

Education: Equivalent to graduation from college with major course work in archeology or anthropology. (Registration as a Senior in a recognized institution will admit applicants to the examination, but they must produce evidence of graduation before they can be considered for appointment.)

#### **Senior State Archeologist:**

Education: Equivalent to graduation from college with major course work in archeology or anthropology. (Registration as a Senior in a recognized institution will admit applicants to the examination, but they must produce evidence of graduation before they can be considered for appointment.)

<b>INDIVIDUAL PROFESSIONAL TRAINING - STATE ARCHEOLOGIST</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

#### **JOB REQUIRED**

#### ***Job Required Within First Year - All State Archeologists***

Firefighter I - Basic	67	Unit	Prior to response or <u>any</u> fireline assignment	Required for <u>any</u> emergency or fireline assignment	Once	None	
Personal Protective Equipment	[5]	Unit	Within Basic Training	Mandated - Title 8 3401 (b) (5)(6)	Once	None	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Basic Forest Practice	32	Academy	Within 1 year of appointment	Required	Once	None	(*)
Orientation on Non-Discrimination & Sexual Harassment Free Work Places	2	Unit	Upon appointment	Required-EMAC 8/93	Once	None	
Public Safety First Aid - CDF	26	Unit	Prior to response	Mandated - H&S Code, CCR Title 22	8 hours every 2 years	Public Safety - CPR	(1)
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated- H&S 1797.192 SB 1068	One time training	None	
Elderly Abuse W&I 15630	[1]	Unit	Entry	Mandated- W&I 15632	One time training	None	
Communicable Disease Awareness	[4]	Unit	Prior to response	Mandated- CLC 5193 (3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	(1)
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated- H&S Code, CCR Title 22	4 hours every 2 years	None	(1)
Hazardous Materials Awareness	8	Unit	Within first year of employment	Mandated-SARA Title III	Once	None	
I-100 Introduction to ICS	3	Unit	Within first year of employment	Mandated-SB 27, Firescope Act	Once	None	
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Unit	8 hrs during initial year of employment	CDF Policy Mandated	4 hours every 2 years		(*)

**154 Total Hours Within First Year - All State Archeologists**

***Job Required Within First Year - Senior State Archeologists***

Leadership Development	40	Academy	Within first year as a supervisor	§19995.4 Mandated	Once	Assigned as a supervisor	Replaces Sup 3
Management Development	40	Academy	Within first year as a supervisor	§19995.4 Mandated	Once	Leadership Development	Replaces Sup 4

**80 Total Hours Job Required Within First Year - All Assistant State Archeologists**

***Job Required Within Third Year - All State Archeologists***

California Environmental Quality Act (CEQA) Training	24	Unit	Within 3 years of appointment	Required	Once	None	(*)
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**24 Total Hours Job Required Within Third Year - State Archeologists**

REVIEW

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Within Fourth Year - All State Archeologists**

Defensive Driver Training	4	Unit	Within first 4 years of employment	State Adm. Manual - Required to operate <u>any</u> vehicle on state business	4 hours every 4 years	California Driver's License	
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**4 Total Hours Job Required Within Fourth Year - All State Archeologists**

**All State Archeologists - Unit Option**

Forest Practice Enforcement	24	Academy	Unit option	Required	Every 4 years	None - POST Basic Academy or Public Officer recommended	(*)
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**24 Total Hours Forest Practice - Unit Option**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

**RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY TECHNICIAN - VEGETATION MANAGEMENT PROGRAM  
(VMP)**

(No. 8 May 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY TECHNICIAN - VEGETATION MANAGEMENT PROGRAM (VMP)</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

**JOB REQUIRED**

Training listed is in addition to the JOB REQUIRED training for the Forestry Technician position. For job enhancement and career development, see Forestry Technician.

***Job Required Within First Year - Vegetation Management Program (VMP)***

Inmate Orientation	4	Unit	Unit option	Unit option	Once	None	
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**4 Total Additional Hours Job Required Within First Year - Vegetation Management Program (VMP)**

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY TECHNICIAN - STATE FORESTS

(No. 9 December 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY TECHNICIAN - STATE FORESTS</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Forestry Technician position. For job enhancement and career development, see Forestry Technician.

#### ***Job Required Within First Year - State Forests***

Inmate Orientation	4	Unit	Unit option	Unit option	Once	None	
<b>4 Total Additional Hours Job Required Within First Year – Forestry Technician - State Forests</b>							

### JOB ENHANCEMENT

Silviculture for CDF Forest Practice	40	State	Unit option	Recommended	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Mensuration for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	

120 **Total Additional Hours Job Enhancement – Forestry Technician - State Forests**

[\(see Table of Contents\)](#)

**RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY TECHNICIAN - FORESTRY ASSISTANCE**

(No. 9 December 1999)

INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY TECHNICIAN - FORESTRY ASSISTANCE							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

Training listed is in addition to the JOB REQUIRED training for the Forestry Technician position. For job enhancement and career development, see Forestry Technician.

***Job Required Within First Year - Forestry Assistance***

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0 Total Additional Hours Job Required Within First Year - Forestry Assistance

**JOB ENHANCEMENT**

Silviculture for CDF Forest Practice	40	State	Unit option	Recommended	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Mensuration for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	

120 Total Additional Hours Job Enhancement - Forestry Assistance

(see Table of Contents)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY TECHNICIAN - FOREST PRACTICE

(No. 9 December 1999)

INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY TECHNICIAN - FOREST PRACTICE							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Forestry Technician position. For job enhancement and career development, see Forestry Technician.

#### *Job Required Within First Year - Forest Practice*

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0 Total Additional Hours Job Required Within First Year - Forestry Technician - Forest Practice

### JOB ENHANCEMENT

Silviculture for CDF Forest Practice	40	State	Unit option	Recommended	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Mensuration for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	

120 **Total Additional Hours Job Enhancement – Forestry Technician - Forest Practice**

[\(see Table of Contents\)](#)

**RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY TECHNICIAN - FOREST NURSERIES**

(No. 8 May 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY TECHNICIAN - FOREST NURSERIES</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

**JOB REQUIRED**

Training listed is in addition to the JOB REQUIRED training for the Forestry Technician position. For job enhancement and career development, see Forestry Technician.

***Job Required Within First Year - Forest Nurseries***

Inmate Orientation	4	Unit	Unit option	Unit option	Once	None	
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**4 Total Additional Hours Job Required Within First Year - Forest Nurseries**

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY TECHNICIAN

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

#### Either I

Education: Equivalent to 15 semester units of college in forestry, natural resource management, conservation, or a closely related subject.

#### or II

Experience: Six months of experience in practical resource management, conservation, or field work in a State of California resources agency department or in a forest management/timber harvesting operation. (Qualifying experience includes: reforestation, timber harvest operations, urban forestry, or other related forestry/nursery work; or environmental resource protection work including Resource Protection Trainee/Fire Prevention Assistant, or related fire control experience in the Resources Agency or as a corps member in a California Conservation Corps/California Department of Forestry fire center.) or

One year of urban resource community organizing work such as tree planting, community gardening, park-development, and civil landscape beautification programs. and

Education: Equivalent to completion of the 12th grade.

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY TECHNICIAN**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

**Job Required Within First Year - Forestry Technician**

Basic Fire Academy BFC 1A Orientation/ basic admin	44	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	none	
EEO/ Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	none	(*)
Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	annual evaluation	none	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	none	
Communicable Disease Awareness	2	Unit	Prior to response	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	

REVIEW

Defensive Drivers Training	4	Unit/ Region	Prior to Response	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	(1)
Hazardous Materials First Responder-Operational	24	Unit	within one year of hire	OSHA requirements under 29 CFR 1910.120 and the CCR Title 8, Section 5192. All Haz Mat responders (i.e. fire, law enforcement, health & private industry) must have at least this level of training.	8 Hours annually	None	
First Responder Medical - CDF	46	Unit	Prior to response	CDF Policy	24 hours every 2 years	Public Safety - CPR	

REVIEW

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Sudden Infant Death Syndrome	[1]	Unit	As part of basic training	Mandated - H&S 1797.192 SB 1068	One time training	None	
Child and Elder Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Communicable Disease Awareness	[4]	Unit	Within 1 year of initial hire	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
Substance Abuse ID	2	Unit	Within 1 year of initial hire	Department of Transportation	One time training	None	

**376 Total Hours Job Required Within First Year - Forestry Technician**

***Job Required Within Second Year - Forestry Technician***

Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	Annually	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder Operational Level - HazMat Refresher	8	Unit	Annually	Mandated-29-CFR-1910, SARA Title 8	8 hour refresher Annually	First Responder Ops	

**10 Total Hours Job Required Within Second Year - Forestry Technician**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Within Third Year - Forestry Technician**

First Responder Medical - Refresher	24	Academy	Every 2 years	Mandated	every 2 years (24 hour refresher)	Public Safety - CPR	
Public Safety - C.P.R. Refresher	4	Unit	Every 2 years	Mandated-H&S, CCR Title 22	4-8 hours refresher every 2 years	None	
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	Annually	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder Operational Level - HazMat Refresher	1	Unit	Annually	Mandated-29-CFR-1910, SARA Title 8	8 hour refresher Annually	First Responder Ops	

**31 Total Hours Job Required Within Third Year - Forestry Technician**

**Job Required Within Fourth Year - Forestry Technician**

Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	Annually	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder Operational Level - HazMat Refresher	8	Unit	Annually	Mandated-29-CFR-1910, SARA Title 8	8 hour refresher Annually	First Responder Ops	

**10 Total Hours Job Required Within Fourth Year - Forestry Technician**

**Job Required Within Fifth Year - Forestry Technician**

First Responder Medical - Refresher	24	Unit	Every 2 years	Mandated	every 2 years (24 hour refresher)	Public Safety - CPR	
Public Safety - C.P.R. Refresher	4	Unit	Every 2 years	Mandated	4-8 hours refresher every 2 years	None	
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	Annually	Mandated	Annual refresher (1 hour minimum)	None	
First Responder Operational Level - HazMat Refresher	8	Unit	Annually	Mandated-29-CFR-1910, SARA Title 8	8 hour refresher Annually	First Responder Operational	
Defensive Driver's Training	4	Unit	Every 4 years	Required-Policy	4 hours Every 4 years	Valid California Driver's License	

**41 Total Hours Job Required Within Fifth Year - Forestry Technician**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

***Forestry Technician***

Incident Management 1	32	Region	Unit Option	Recommended	Once	None	
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**32 Total Hours Job Enhancement- Forestry Technician**

**CAREER DEVELOPMENT**

Registered Professional Forester (RPF) Certification			N/A				
Instructional Techniques for Company Officers	12	Unit	Unit option	Recommended	Once	None	
Contracts	8	Unit	Unit option	Recommended	Once	None	

NOTES:     (----)     = Subject Area Taught in the Course Listed Above  
              (1)         = See CDF Policy 6750

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT II - VEGETATION MANAGEMENT PROGRAM (VMP)

(No. 8 May 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT II - VEGETATION MANAGEMENT PROGRAM (VMP)</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant II position. For additional job enhancement and career development, also see Forestry Assistant II.

#### *Job Required Within First Year — Forestry Assistant II - Vegetation Management Program (VMP)*

Inmate Orientation	4	Unit	Unit option	Required	Once	None	(*)
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**4 Total Additional Hours Job Required Within First Year - Forestry Assistant II — VMP**

### JOB ENHANCEMENT

#### *Job Enhancement For Forestry Assistants II - Vegetation Management Program (VMP)*

S-390 Introduction to Wildland Fire Behavior Calculations	32	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b>	Intermediate Wildland Fire Behavior
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Rx-90 Prescribed Fire Incident Commander	40	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	
Rx-340 Introduction to Fire Effects	36	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Rx-450 Smoke Management Techniques	24	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	
S-234 Firing Methods and Procedures	24	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>Incident Management 1</b>	

156 Total Hours Job Enhancement Training

NOTES: (\*) = New department policy

[\(see Table of Contents\)](#)

# RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT II - STATE FORESTS

(No. 9 December 1999)

INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT II - STATE FORESTS							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

## JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant II position. For additional job enhancement and career development, also see Forestry Assistant II.

*Job Required Within one Year - Forestry Assistant II - State Forests*

Inmate Orientation	4	Unit	Unit option	Required	Once	None	(*)
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4 Total Additional Hours Job Required Within One Year - Forestry Assistant II - State Forests

*Job Required Within two Years - Forestry Assistant II - State Forest*

Basic Forest Practice	32	Region	Within 2 years of appointment	Required	Once	None	(*)
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32 Total Additional Hours Job Required Within Two Years - Forestry Assistant II - State Forest

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

*Job Required Within three Years - Forestry Assistant II - State Forest*

Forest Mensuration for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
Silviculture for CDF Forest Practice	40	State	Within 3 years of appointment	Required	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	(*)

120 Total Additional Hours Job Required Within Three Years - Forestry Assistant II - State Forest

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

*Job Enhancement For Forestry Assistants II - State Forests*

Cactos/Cryptos	24	Unit	Unit option	Recommended	Once		
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24 Total Hours Job Enhancement Training

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT II - FORESTRY ASSISTANCE

(No. 9 December 1999)

INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT II - FORESTRY ASSISTANCE							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant II position. For additional job enhancement and career development, also see Forestry Assistant II.

#### ***Job Required Within One-Year - Forestry Assistant II - Forestry Assistance***

Inmate Orientation	4	Unit	Unit option	Required	Once	None	
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4 Total Additional Hours Job Required Within One Year - Forestry Assistant II - ***Forestry Assistance***

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

*Job Required Within Three Years - Forestry Assistant II - Forestry Assistance*

Forest Mensuration for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
Silviculture for CDF Forest Practice	40	State	Within 3 years of appointment	Required	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	(*)

120 Total Additional Hours Job Required Within Three Years - Forestry Assistant II - Forestry Assistance

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

***Job Enhancement For Forestry Assistants II - Forestry Assistance***

Cactos/Cryptos	24	Unit	Unit option	Recommended	Once		
		24	<b>Total Hours Job Enhancement Training- Forestry Assistance</b>				

NOTES: (----) = Subject Area Taught in the Course Listed Above

(see [Table of Contents](#))

**RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT II - FOREST PRACTICE**  
 (No. 9 December 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT II - FOREST PRACTICE</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

**JOB REQUIRED**

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant II position. For additional job enhancement and career development, also see Forestry Assistant II.

***Job Required Within Two Years - Forestry Assistant II - Forest Practice***

Basic Forest Practice	32	Region	Within 2 years of appointment	Required	Once	None	(*)
Forest Practice Enforcement	28	Academy	Within 2 years of appointment	Required	Every 4 years	POST Basic Academy or Public Officer recommended	(*)

60 **Total Additional Hours Job Required Within Two Years - Forestry Assistant II - Forest Practice**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

*Job Required Within three Years - Forestry Assistant II - Forest Practice*

Forest Mensuration for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
Silviculture for CDF Forest Practice	40	State	Within 3 years of appointment	Required	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	(*)

120 Total Additional Hours Job Required Within Three Years - Forestry Assistant II - Forest Practice

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

***Job Enhancement - Forestry Assistant II - Forest Practice***

Cactus/Cryptos	24	Unit	Unit option	Recommended	Once	None	
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24 Total Additional Hours **Job Enhancement** - Forestry Assistant II - Forest Practice

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

**RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT II - FOREST NURSERIES**

(No. 8 May 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT II - FOREST NURSERIES</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

**JOB REQUIRED**

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant II position. For additional job enhancement and career development, also see Forestry Assistant II.

***Job Required Within First Year - Forestry Assistant II - Forest Nurseries***

Inmate Orientation	4	Unit	Within 1 year of appointment	Required	Once	None	
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**4 Total Additional Hours Job Required Within First Year - Forestry Assistant II - Forest Nurseries**

NOTES: (----) = Subject Area Taught in the Course Listed Above

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT II

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

#### Either I

Two years of experience in California state service performing the duties of a Forestry Technician. (Candidates who are within six months of meeting experience requirements may take the examination but cannot be appointed until they have obtained the required experience.)

#### or II

Three years of experience in practical resource management or conservation work. (Qualifying experience includes: reforestation, timber harvest operation, urban forestry, or other related forestry work; environmental protection work; fire control experience in the California Department of Forestry, of which a minimum of one year must have been performing duties at a level of responsibility equivalent to the class of Fire Fighter II.)

#### or III

Education: Equivalent to graduation from technical school in forestry or an AA or AS degree in forestry, natural resources, conservation, or a closely related subject. (Applicants who are within six months of graduation will be admitted to the examination but they must produce evidence of graduation or its equivalent before they can be considered eligible for appointment.)

INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT II							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

***Job Required Within First Year - Forestry Assistant II***

Basic Fire Academy BFC 1A Orientation/ basic admin	44	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	none	
EEO/ Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	none	(*)
Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	annual evaluation	none	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	none	
Basic Fire Academy BFC 2A Driver Operator training	133.5	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Defensive Driver	[4]	CDF Academy	Prior to response	SAM Required for frequent operation of any vehicle on state business	4 hours every 4 years	CA Driver's license	
Basic Fire Academy BFC 2B Skills Application	131	CDF Academy	Probationary requirement	SPB Job specification	One time training	BFC 1A, 1B, and 2A	(*)
Intermediate Wildland Behavior S290	[32]	CDF Academy	Within initial training	Required	One time training		
Wildland Firefighter Survival	[8]	CDF Academy	Within one year of hire	CDF Policy	One time training	None	
Communicable Disease Awareness	2	Unit	Within 1 year of initial hire	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Hazardous Materials First Responder-Operational	24	Unit	within one year of hire	OSHA requirements under 29 CFR 1910.120 and the CCR Title 8, Section 5192. All Haz Mat responders (i.e. fire, law enforcement, health & private industry) must have at least this level of training.	8 Hours annually	None	
First Responder Medical — CDF	46	Unit	Prior to response	CDF Policy	24 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated - H&S 1797.192 SB 1068	One time training	None	
Elderly Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Public Safety CPR — CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	

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V

**514.5 Total Hours Job Required Within First Year - Forestry Assistant II**

***Job Required Within Second Year - Forestry Assistant II***

Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	After initial training	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder Operational Level - HazMat Refresher	8	Unit	Prior to responding to incidents	Mandated-29-CFR-1910, SARA Title 8	Annual 8 hours	1st Responder HazMat	

**9 Total Hours Job Required Within Second Year - Forestry Assistant II**

***Job Required Within Third Year - Forestry Assistant II***

Basic Forest Practice	32	Region	Within 3 years of appointment	Required	Once	None	
First Responder Medical - Refresher	24	Academy	After initial training	Mandated- H&S Code	every 2 years (24 hour refresher)	Public Safety - CPR	
Public Safety - C.P.R. Refresher	4	Unit	After initial training	Mandated-H&S, CCR Title 22	4-8 hours refresher every 2 years	None	
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	After initial training	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder	8	Unit	After initial training	Mandated-29-CFR-1910,	Annual 8 hours	1st Responder	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Operational Level - HazMat Refresher				SARA Title 8		HazMat	

**69 Total Hours Job Required Within Third Year - Forestry Assistant II**

**Job Required Within Fourth Year - Forestry Assistant II**

California Environmental Quality Act (CEQA) Training	24	Unit	Within 4 years of appointment	Required	Once	None	(*)
Technical Report Writing	24	Unit	Within 4 years of appointment	Required	Once	None	(*)
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	After initial training	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder Operational Level - HazMat Refresher	8	Unit	After initial training	Mandated-29-CFR-1910, SARA Title 8	Annual 8 hours	1 <sup>st</sup> Responder HazMat	

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**57 Job Required Within Fourth Year - Forestry Assistant II**

**Job Required Within Fifth Year - Forestry Assistant II**

First Responder Medical - Refresher	24	Academy	After initial training	Mandated-H&S Code	every 2 years (24 hour refresher)	Public Safety - CPR	
Public Safety - C.P.R. Refresher	4	Unit	After initial training	Mandated-H&S, CCR Title 22	4-8 hours refresher every 2 years	None	
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	After initial training	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
Defensive Driver's Training	4	Unit	After initial training	SAM-Required for frequent operation of any vehicle on State business	4 hours Every 4 years	Valid California Driver's License	
First Responder Operational Level - HazMat Refresher	8	Unit	After initial training	Mandated-29-CFR-1910, SARA Title 8	Annual 8 hours	1st Responder HazMat	

**41 Total Hours Job Required Within Fifth Year - Forestry Assistant II**

**Job Required (Unit option) - Forestry Assistant II**

Archeological Training For Resource Professionals	24	Regional	Unit option	Required - CCR Title 14, §§ 929, 949, 969 (Forest Practice)	Every 5 years	None	
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**24 Total Hours Job Required (Unit option) - Forestry Assistant II**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

**Forestry Assistant II**

Forest Insect Disease ID & Mgmt	24	Unit	Unit option	Recommended	Every 5 years	None	
Conflict Management	16	Unit	Unit option	Recommended	Once	None	
Dealing with Difficult People	8	Unit	Unit option	Recommended	Once	None	
Leadership Fundamentals	40	Region	Unit option	Recommended	Once	None	
Cactus/Cryptos	24	Unit	Unit option	Recommended	Once		
PC 832	40	Unit	Unit option	Recommended	Once		1
Public Officer	40	Academy	Unit option	Recommended	Once		1

**192 Total Hours Job Enhancement Training - Forestry Assistant II**

**CAREER DEVELOPMENT**

Registered Professional Forester (RPF) Certification			N/A				
S490 Advanced Wildland Fire Behavior Calculations	40	Academy	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	

- NOTES:
- (\*) = New Department policy
  - (---) = Subject Area Taught in the Course Listed Above
  - (1) = Unless selected to be Peace Officer
  - (2) = See CDF Policy 6750

[\(see Table of Contents\)](#)

**RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT I - VEGETATION MANAGEMENT PROGRAM (VMP)**

(No. 8 May 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT I - VEGETATION MANAGEMENT PROGRAM (VMP)</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

**JOB REQUIRED**

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant I position. For additional job enhancement and career development, also see Forestry Assistant I.

***Job Required Within First Year - Vegetation Management Program (VMP)***

Inmate Orientation	4	Unit	Unit option	Unit option	Once	None	
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**4 Total Additional Hours Job Required Within First Year - Vegetation Management Program (VMP)**

**JOB ENHANCEMENT**

***Job Enhancement for Forestry Assistant I - Vegetation Management Program (VMP)***

S-390 Introduction to Wildland Fire Behavior Calculations	32	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior	
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Rx-90 Prescribed Fire Incident Commander	40	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	
Rx-340 Introduction to Fire Effects	36	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	

108 Total Hours Job Enhancement Training

[\(see Table of Contents\)](#)

**RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT I - STATE FORESTS**

(No. 9 December 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT I - STATE FORESTS</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

**JOB REQUIRED**

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant I position. For additional job enhancement and career development, also see Forestry Assistant I.

***Job Required Within First Year - State Forests***

Inmate Orientation	4	Unit	Unit option	Unit option	Once	None	
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4 **Total Additional Hours Job Required Within First Year – Forestry Assistant I - State Forests**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**JOB ENHANCEMENT**

***Job Enhancement For Forestry Assistant I - State Forests***

Cactus/Cryptos	24	Unit	Unit option	Recommended	Once		
Forest Mensuration for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.	
						A college level Forest Mensuration course is recommended	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	
Silviculture for CDF Forest Practice	40	State	Unit option	Recommended	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	

144 Total Additional Hours Job Enhancement – Forestry Assistant I - State Forests

(see Table of Contents)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT I - FORESTRY ASSISTANCE

(No. 9 December 1999)

INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT I - FORESTRY ASSISTANCE							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB ENHANCEMENT

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant I position. For additional job enhancement and career development, also see Forestry Assistant I.

#### ***Job Enhancement For Forestry Assistant I - Forestry Assistance***

Cactos/Cryptos	24	Unit	Unit option	Recommended	Once		
Forest Mensuration for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.	
						A college level Forest Mensuration course is recommended	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	
Silviculture for CDF Forest Practice	40	State	Unit option	Recommended	One time training	Forest Mensuration or Forest Growth & Yield.  A college level forest silviculture is recommended	

144 Hours Job Enhancement Training

(see Table of Contents)

# RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT I - FOREST PRACTICE

(No. 9 December 1999)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT I - FOREST PRACTICE</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

## JOB ENHANCEMENT

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant I position. For additional job enhancement and career development, also see Forestry Assistant I.

### *Job Enhancement For Forestry Assistant I - Forest Practice*

Cactos/Cryptos	24	Unit	Unit option	Recommended	Once		
PC 832	40	Unit	Unit option	Recommended	Once		1
Public Officer	40	Academy	Unit option	Recommended	Once		1
Forest Mensuration for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	
Silviculture for CDF Forest Practice	40	State	Unit option	Recommended	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	

224 Total Additional Hours Job Enhancement – Forestry Assistant I - Forest Practice

1. Unless selected to be Peace Officer.

(see Table of Contents)

**RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT I - FOREST NURSERY**  
**(No. 8 May 1999)**

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT I - FOREST NURSERY</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

**JOB REQUIRED**

Training listed is in addition to the JOB REQUIRED training for the Forestry Assistant I position. For additional job enhancement and career development, also see Forestry Assistant I.

***Job Required Within First Year - Forest Nurseries***

Inmate Orientation	4	Unit	Unit option	Unit option	Once	None	
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**4 Total Additional Hours Job Required Within First Year - Forest Nurseries**

**JOB ENHANCEMENT**

***Job Enhancement For Forestry Assistant I - Forest Nursery***

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[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY ASSISTANT I

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

Either I

Two years of experience in California state service performing the duties of a Forestry Technician. (Candidates who are within six months of meeting experience requirements may take the examination but cannot be appointed until they have obtained the required experience.)

or II

Three years of experience in practical resource management or conservation work. (Qualifying experience includes: reforestation, timber harvest operation, urban forestry, or other related forestry work; environmental protection work; fire control experience in the California Department of Forestry, of which a minimum of one year must have been performing duties at a level of responsibility equivalent to the class of Fire Fighter II.)

or III

Education: Equivalent to graduation from technical school in forestry or an AA or AS degree in forestry, natural resources, conservation, or a closely related subject. (Applicants who are within six months of graduation will be admitted to the examination but they must produce evidence of graduation or its equivalent before they can be considered eligible for appointment.)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY ASSISTANT I</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

### JOB REQUIRED

#### *Job Required Within First Year - Forestry Assistant I*

Basic Fire Academy BFC 1A Orientation/ basic admin	44	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	none	
EEO/ Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	none	(*)

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	annual evaluation	none	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	none	
Basic Fire Academy BFC 2A Driver Operator training	133.5	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Defensive Driver	[4]	CDF Academy	Prior to response	SAM Required for frequent operation of any vehicle on state business	4 hours every 4 years	CA Driver's license	
Basic Fire Academy BFC 2B Skills Application	131	CDF Academy	Probationary requirement	SPB Job specification	One time training	BFC 1A, 1B, and 2A	(*)
Intermediate Wildland Behavior S290	[32]	CDF Academy	Within initial training	Required	One time training		
Wildland Firefighter Survival	[8]	CDF Academy	Within one year of hire	CDF Policy	One time training	None	
Communicable Disease Awareness	2	Unit	Prior to response	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	
Hazardous Materials First Responder-Operational	24	Unit	within one year of hire	OSHA requirements under 29 CFR 1910.120 and the CCR Title 8, Section 5192. All Haz Mat responders (i.e. fire, law enforcement, health & private industry) must have at least this level of training.	8 Hours annually	None	
First Responder Medical — CDF	46	Unit	Prior to response	CDF Policy	24 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated - H&S 1797.192 SB 1068	One time training	None	
Child and Elder Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	

**514.5 Total Hours Job Required Within First Year - Forestry Assistant I**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**Job Required Within Second Year - Forestry Assistant I**

Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	Annually	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder Operational Level - HazMat Refresher	8	Unit	Annually	Mandated-29-CFR-1910, SARA Title 8	8 hours Annually	1 <sup>st</sup> Responder HazMat	

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**9 Total Hours Job Required Within Second Year - Forestry Assistant I**

**Job Required Within Third Year - Forestry Assistant I**

First Responder Medical - Refresher	24	Unit	After initial training	Mandated	every 2 years (24 hour refresher)	Public Safety - CPR	
Public Safety - C.P.R. Refresher	4	Unit	After initial training	Mandated-H&S, CCR Title 22	4-8 hours refresher every 2 years	None	
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	Annually	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder Operational Level - HazMat Refresher	8	Unit	Annually	Mandated-29-CFR-1910, SARA Title 8	8 hours Annually	1st Responder HazMat	

**37 Total Hours Job Required Within Third Year - Forestry Assistant I**

**Job Required Within Fourth Year - Forestry Assistant I**

Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	Annually	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder Operational Level - HazMat Refresher	8	Unit	Annually	Mandated-29-CFR-1910, SARA Title 8	8 hours Annually	1st Responder HazMat	

**9 Total Hours Job Required Within Fourth Year - Forestry Assistant I**

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**Job Required Within Fifth Year - Forestry Assistant I**

First Responder Medical - Refresher	24	Academy	After initial training	Mandated	every 2 years (24 hour refresher)	Public Safety - CPR	
Public Safety - C.P.R. Refresher	4	Unit	After initial training	Mandated-H&S, CCR Title 22	4-8 hours refresher every 2 years	None	
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	Annually	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Defensive Driver's Training	4	Unit	Every four years	SAM-Required for frequent operation of any vehicle on State business	4 hours Every 4 years	Valid California Driver's License	
First Responder Operational Level - HazMat Refresher	8	Unit	Annually	Mandated-29-CFR-1910, SARA Title 8	8 hours Annually	1st Responder HazMat	

**41 Total Hours Job Required Within Fifth Year - Forestry Assistant I**

### JOB ENHANCEMENT

#### *Job Enhancement - Forestry Assistant I*

Archeological Training For Resource Professionals	24	Regional	Unit option	Recommended	Every 5 years	None	
Conflict Management	16	Unit	Unit option	Recommended	Once	None	
Dealing with Difficult People	8	Unit	Unit option	Recommended	Once	None	
Forest Insect Disease ID & Mgmt	24	Unit	Unit option	Recommended	Every 5 years	None	
Incident Management 2 — CDF	40	Region/ Unit	Unit option	Recommended	Once	None	
Progressive Discipline	8	Unit	Unit option	Recommended	Once	None	
Leadership Fundamentals	40	Region	Unit option	Recommended	Once	None	

**160 Total Hours Job Enhancement Training**

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**CAREER DEVELOPMENT**

Registered Professional Forester (RPF) Certification			N/A				
S490 Advanced Wildland Fire Behavior Calculations	40	Academy	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	

NOTES: (\*) = New Department policy  
 (----) = Subject Area Taught in the Course Listed Above  
 (1) = Unless selected to be Peace Officer  
 (2) = See CDF Policy 6750

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTRY AID

(No. 9 December 1999)

### MINIMUM QUALIFICATIONS

#### Either I

**Education:** Completion of at least two years of college training in forestry or fire science, including, as a part of the curriculum, practical field training in forestry or fire control. (One full summer's experience between the spring and fall semesters in the field in wood operations or fire control will fulfill the requirement for field training.)

#### or II

One year of experience in subprofessional forestry work in one of the following or a closely related field: log scaling, timber marking, cruising, pest control and checking, or fire control.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY AID</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

#### **JOB REQUIRED**

##### ***Job Required Within One Year - Forestry Aid***

Hazardous Materials: First Responder Awareness	8	Unit	Within 1 year of appointment	CDF Policy	Annual - 8 hours	None	(*)
Orientation on Nondiscrimination and Sexual Harassment	2	Unit	Upon appointment	CDF Policy - EAC 8/93	One time training	None	

10 **Total Hours Job Required Within One Year - Forestry Aid**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**Job Required - Unit Option**

Firefighter 1 - Basic	67	Unit	Prior to response for any emergency	CDF Policy	One time training	None	(*)(1)
Personal Protective Equipment	[5]	Unit	Prior to response	Mandated- Title 8 3401 (b) (5)(6)	One time training	None	
Defensive Drivers Training	4	Unit/Station	Unit option	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	Valid California driver's license	(2)
Inmate Orientation	4	Unit	Unit option	CDF Policy	Once	None	(*)

75 **Total Hours Job Required Unit Option - Forestry Aid**

**JOB ENHANCEMENT**

Public Safety First Aid — CDF	26	Unit	Unit option	Recommended	8 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Unit option	Recommended	One time training	None	
Child and Elder Abuse W&I 15630	[1]	Unit	Unit option	Recommended	One time training	None	
Communicable Disease Awareness	[4]	Unit	Unit option	Recommended	Annual - 1 hour (min)	None	
Public Safety CPR - CDF	8	Unit	Unit option	Recommended	4 hours every 2 years	None	
Silviculture for CDF Forest Practice	40	State	Unit option	Recommended	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

Forest Mensuration for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	
Forest Insect, Disease Identification and Management	24	Region	Unit option	Recommended	Every 4 years	None	
Automotive Preventive Maintenance	4	Station	Unit option	Recommended	2 hours refresher every 2 years	None	
Basic Forest Practice	32	Academy	Unit option	Recommended	Once	None	
I-200 Basic ICS	12	Unit/Station	Unit option	Recommended	One time training	I-100 ICS	
Wildland Firefighter Survival - CDF	8	Unit	Unit option	Recommended	One time training	None	(1)

234 **Total Hours - Job Enhancement - Forestry Aid**

NOTES: (----) = Subject Area Taught in the Course Listed Above  
(\* ) = New CDF Policy  
(1) = Required prior to response for any fireline assignment  
(2) = See CDF Policy 6750

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER III

(No. 9 December 1999)

### MINIMUM QUALIFICATIONS

License Requirement: Possession of a valid license as a professional Forester issued by the California State Board of Forestry.

and

One year of experience in the California state service performing forest, range or watershed management duties in a class comparable in level to Forester II.

INDIVIDUAL PROFESSIONAL TRAINING - FORESTER III							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

#### JOB REQUIRED - UNIT OPTION

Archeological Training For Resource Professionals	24	Regional	Unit option	Required - CCR Title 14, §§ 929, 949, 969 (Forest Practice)	Every 5 years	None	
Defensive Driver Training	4	Unit	Unit option	State Administrative Manual	4 hours Every 4 years	Valid California Driver's License	1

28 **Total Hours Job Required Unit Option - Forester III - Forest Practice**

#### ***Job Required Within Two Years - Forester III - Forest Practice***

Forest Practice Enforcement	24	Academy	Within 2 years of appointment	Required	Every 4 years	POST Basic Academy or Public Officer recommended	(*)
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24 **Total Hours Job Required Within Two Years - Forester III - Forest Practice**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**Job Enhancement- Forester III - Forest Practice or State Forest**

Silviculture for CDF for Forest Practice	40	State	Unit option	Recommended	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest Silviculture is recommended	
Forest Mensuration for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

Forest Growth & Yield for CDF	40	State	Unit option	Recommended	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	
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120 Total Hours Job Enhancement - Forester III - Forest Practice or State Forest

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**CAREER DEVELOPMENT**

Regulatory Report Writing	24	Unit	Unit option	Recommended	Once	None	
Legislative Bill Analysis	16	Unit	Unit option	Recommended	Once	None	
Legislative Process Workshop	8	Unit	Unit option	Recommended	Once	None	
Developing Analytical Skills	40	Unit	Unit option	Recommended	Once	None	

**88 Total Hours Career Development - Forester III**

NOTES: 1 = See CDF Policy 6750

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER II - VEGETATION MANAGEMENT PROGRAM (VMP)

(No. 8 May 1999)

Training listed is in addition to the JOB REQUIRED training for the Forester II position. Also see Forester II for career development.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTER II - VEGETATION MANAGEMENT PROGRAM (VMP)</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

### JOB REQUIRED

***Job Required Within First Year – Forester II - Vegetation Management Program (VMP)***

Introduction to State Contracts	8	Unit	Within 1 year of appointment	Required	Once	None	(*)
S234 Firing Methods and Procedures	24	Region	Within 1 year of appointment	Required	Once	Basic Engine Operation- (BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>Incident Management 1</b>	(*)

**32 Total Additional Hours Job Required Within First Year - Forester II - Vegetation Management Program (VMP)**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Within Third Year – Forester II - Vegetation Management Program (VMP)**

S390 Introduction to Wildland Fire Behavior Calculations	32	Region	Within 3 years of appointment	Required	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior	(*)
S490 Advanced Wildland Fire Behavior Calculations	40	Academy	Within 3 years of appointment	Required	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	(*)

**72 Total Additional Hours Job Required Within Third Year - Forester II - Vegetation Management Program (VMP)**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Unit option – Forester II - Vegetation Management Program (VMP)**

Rx-90 Prescribed Fire Incident Commander	40	Region	Unit option	Required	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	(*)
Rx450 Smoke Management Techniques	24	Region	Unit option	Required	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>S-390</b> Introduction to Wildland Fire Behavior Calculations	(*)

**64 Total Hours Job Required Unit option – Forester II - Vegetation Management Program (VMP)**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER II - STATE FORESTS

(No. 9 December 1999)

Training listed is in addition to the JOB REQUIRED training for the Forester II position. Also see Forester II for career development.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTER II - STATE FORESTS</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

***Job Required Within One Year - Forester II - State Forests***

Basic Forest Practice	32	Academy	Within 1 year of appointment	Required	Once	None	(*)
Contracts	8	Unit	Within 1 year of appointment	Required	Once	None	(*)

40 Total Additional Hours Job Required Within One Year - - - Forester II - - **State Forests**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**Job Required Within Three Years - Forester II - - - State Forests**

Cactus/Cryptos	24	Unit	Within 3 years of appointment	Required	Once	None	(*)
Forest Mensuration for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
Silviculture for CDF Forest Practice	40	State	Within 3 years of appointment	Required	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest Silviculture is recommended	(*)

144 Total Additional Hours Job Required Within Three Years - - - Forester II - - **State Forests**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER II - FORESTRY ASSISTANCE

(No. 9 December 1999)

Training listed is in addition to the JOB REQUIRED training for the Forester II position. Also see Forester II for career development.

INDIVIDUAL PROFESSIONAL TRAINING - FORESTER II - FORESTRY ASSISTANCE							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

*Job Required Within Three Years - Forester II - Forestry Assistance*

Basic Forest Practice	32	Region	Within 3 years of appointment	Required	One time training	None	(*)
Cactus/Cryptos	24	Unit	Within 3 years of appointment	Required	One time training	None	(*)
Forest Mensuration for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
Silviculture for CDF Forest Practice	40	State	Within 3 years of appointment	Required	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest Silviculture is recommended	(*)

176 Total Additional Hours Job Required Within Third Year - Forester II - Forestry Assistance

NOTES: (\*) = New Department policy  
(see [Table of Contents](#))

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER II - FOREST PRACTICE

(No. 9 December 1999)

Training listed is in addition to the JOB REQUIRED training for the Forester II position. Also see Forester II for career development.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTER II - FOREST PRACTICE</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

***Job Required Within One Year - Forester II - Forest Practice***

Basic Forest Practice	32	Region	Within 1 year of appointment	Required	Once	None	(*)
Cactus/Cryptos	24	Unit	Within 1 year of appointment	Required	Once	None	(*)

56 Total Additional Hours Job Required Within One Year - - - Forester II - - ***Forest Practice***

***Job Required Within Two Years - Forester II - Forest Practice***

Forest Practice Enforcement	24	Academy	Within 2 years of appointment	Required	Every 4 years	None - POST Basic Academy or Public Officer recommended	
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24 Total Additional Hours Job Required Within Two Years - - - Forester II - - ***Forest Practice***

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Within Three Years - Forester II - - Forest Practice**

Forest Mensuration for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
Silviculture for CDF Forest Practice	40	State	Within 3 years of appointment	Required	One time training	Forest Mensuration or Forest Growth & Yield.  A college level forest Silviculture is recommended	(*)

120 Total Additional Hours Job Required Within Three Years - - - Forester II - - **Forest Practice**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Unit option - Forester II - Forest Practice**

PC 832	40	Unit	Unit option	Recommended	Once	None	(*)
Public Officer	40	Academy	Unit option	Required prior to appointment as Public Officer under P.C. 830.7(d)	Once	Background check, P.C. 832 course	(*)

80 Total Additional Hours Job Required - Unit Option - - Forester II - - **Forest Practice**

**JOB ENHANCEMENT**

P.O.S.T. Basic Academy	520	CDF Academy	Unit option	Required prior to appointment as Peace Officer	Once	Background check, valid California Driver's License, CPR, First Aid, Preliminary Fire Investigation, Physical exam	
Continued Professional Training (Local Refresher)	32	Academy	Every 2 years	Required if Peace Officer	Every 2 years	CDF Peace Officer	
Continued Professional Training (CDF Refresher)	24	Unit	Alternates with CPT at Academy	Required if Peace Officer	Every 2 years	CDF Peace Officer	

**576 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER II - FOREST NURSERIES

(No. 8 May 1999)

Training listed is in addition to the JOB REQUIRED training for the Forester II position. Also see Forester II for career development.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTER II - FOREST NURSERIES</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB ENHANCEMENT

*Job Enhancement - Forest Nurseries*

Contracts	8	Unit	Unit option	Required	Once	None	
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8 Total Hours Job Enhancement Training

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER II

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

License Requirement Possession of a valid license as a professional Forester issued by the California State Board of Forestry. (Applicants who do not possess the required license will be admitted to the examination, but they must secure the license before they will be considered eligible for appointment.) and

Either I

Two years of experience in the California state service performing forest, range or watershed management duties in a class comparable in level to Forester I.

or II

Experience: Three years of experience in forestry work requiring professional skill involving management of a forest area appraising forest resources, harvesting forest products, regulating forest practices, controlling forest pests, reforestation or tree nursery production or range and watershed management duties. (Graduate work in forestry may be substituted for up to one year of the required experience on a year-for-year basis.)

and

Education: Equivalent to graduation from college with specialization in forestry, range management or a closely related natural resource field. (Additional qualifying experience may be substituted for up to two years of the required education on a year-for-year basis.)

INDIVIDUAL PROFESSIONAL TRAINING - FORESTER II							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

***Job Required Within First Year - Forester II***

Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	Within 1 year of initial hire/Prior to response	Mandated-CLC 5193 (3)(5) CFR 1910.1030	Annual refresher (1 hour minimum)	None	
Hazardous Materials First Responder-Operational	24	Unit	within one year of hire	OSHA requirements under 29 CFR 1910.120 and the CCR Title 8, Section 5192. All Haz Mat responders (i.e. fire, law enforcement, health & private industry) must have at least this level of training.	8 Hours annually	None	
Leadership Development	40	Academy	Within 1 year of appointment as a supervisor	Mandated - CA Government Code §19995.4 if appointed as a supervisor	Once	None	
Management Development	40	Academy	Within 1 year of appointment as a supervisor	Mandatory - CA Government Code §19995.4 if appointed as a supervisor	Once	Leadership Development	
Substance Abuse ID	2	Region	Within 1 year of appointment as a supervisor	Mandated DOT Regulations	Once	None	
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy Mandated	4 hours every 2 years thereafter	None	(*)

**115 hours Total Job Required Within First Year – Forester II**

***Job Required Within Second Year - Forester II***

Public Safety First Aid Refresher — CDF	8	Unit	Within 1 year of initial hire/Prior to response	Mandated - H&S Code, CCR Title 22	8 hours every 2 years	Public Safety - CPR	(1)
Public Safety - C.P.R. Refresher	4	Unit	Within 1 year of initial hire/Prior to response	Mandated	4-8 hours refresher every 2 years	None	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Communicable Diseases Bloodborne Pathogens recertification	1	Unit	After initial training	Mandated-CLC 5193(3) (5); CFR (Code of Federal Regulations) 1910.1030	Annual refresher (1 hour minimum)	None	
First Responder Operational or I.C. Level - HazMat Refresher	8	Unit	After initial training	Mandated if responded to HazMat incidents	Annual 8 hours	1 <sup>st</sup> Responder HazMat	(*)

**21 Total Hours Job Required Within Second Year**

***Job Required Within Third Year - Forester II***

First Responder Operational or I.C. Level - HazMat Refresher	8	Unit	After initial training	Mandated if responded to HazMat incidents	Annual 8 hours	1 <sup>st</sup> Responder HazMat	(*)
Communicable Diseases Bloodborne Pathogens recertification	1	Unit	Unit option	Mandated-CLC 5193(3) (5); CFR (Code of Federal Regulations) 1910.1030	Annual refresher (1 hour minimum)	None	
Refresher – Equal Employment Opportunity & Sexual Harassment Prevention for Supervisors	4	Unit	Every two years	CDF Policy	4-5 Hours every two years for supervisors	Supervision	

**13 Total Hours Job Required Within Third Year - Forester II**

***Job Required Within Fourth Year - Forester II***

First Responder Operational or I.C. Level - HazMat Refresher	8	Unit	After initial training	Mandated if responded to HazMat incidents	Annual 8 hours	1 <sup>st</sup> Responder HazMat	(*)
Public Safety First Aid Refresher — CDF	8	Unit	Within 1 year of initial hire/Prior to response	Mandated - H&S Code, CCR Title 22	8 hours every 2 years	Public Safety - CPR	(2)
Public Safety - C.P.R. Refresher	4	Unit	Within 1 year of initial hire/Prior to response	Mandated	4-8 hours refresher every 2 years	None	
Communicable Diseases Bloodborne Pathogens recertification	1	Unit	Unit option	Mandated-CLC 5193(3) (5); CFR (Code of Federal Regulations) 1910.1030	Annual refresher (1 hour minimum)	None	

**21 Total Hours Job Required Within Fourth Year - Forester II**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Within Fifth Year - Forester II**

First Responder Operational or I.C. Level - HazMat Refresher	8	Unit	After initial training	Mandated if responded to HazMat incidents	Annual 8 hours	1 <sup>st</sup> Responder HazMat	(*)
Communicable Diseases Bloodborne Pathogens recertification	1	Unit	Unit option	Mandated-CLC 5193(3) (5); CFR (Code of Federal Regulations) 1910.1030	Annual refresher (1 hour minimum)	None	
Refresher – Equal Employment Opportunity & Sexual Harassment Prevention for Supervisors	4	Unit	Every two years	CDF Policy	4-5 Hours every two years for supervisors	Supervisor	

**13 Total Hours Job Required Within Fifth Year – Forester II**

**Job Required (Unit option) - Forester II**

Archeological Training For Resource Professionals	24	Region	Unit option	Required - CCR Title 14, §§ 929, 949, 969 (Forest Practice)	Every 5 years	None	
I-300 Intermediate ICS	27	Region	Unit option	Mandated - SB 1841, SEMS	One time training	I-200	
Forest Insect Disease Identification and Management	24	Unit	Unit option	CDF Policy	Every 5 years	None	(*)
Self-Contained Breathing Apparatus	3	Unit	Prior to response	Mandated - Title 83401 (b) (1)	Annual Evaluation	None	(*)
Defensive Driver's Training recertification	4	Unit	Unit option	Required - State Administrative Manual (S.A.M.) for <u>frequent</u> operation of any vehicle on State business	4 hours Every 4 years	Valid California Driver's License	

**82 Total Hours Job Required Unit option – Forester II**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

Exceptional Leadership	40	Academy	Unit option	Recommended	Once	Management Development	(1)
Issue Paper to BCP	40	Academy	Unit option	Recommended	Once	None	(1)

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**CAREER DEVELOPMENT**

Fire Instructor 1A	40	Region	Unit option	Recommended	Once	None	
Fire Instructor 1B	40	Region	Unit option	Recommended	Once	None	
Introduction to Analytical Skills	16	Unit	Unit option	Recommended	Once	None	
Stress Reduction	8	Unit	Unit option	Recommended	Once	None	(3)
Time Management	8	Unit	Unit option	Recommended	Once	None	

- NOTES:
- (\*) = New Department policy
  - (1) = Part of Chief Officer College
  - (2) = Public Officer also meets the requirement
  - (3) = State Training Center

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER I - STATE FORESTS

(No. 9 December 1999)

Training listed is in addition to the JOB REQUIRED training for the Forester I position. For additional job enhancement, see Forester I.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTER I - FORESTRY ASSISTANCE, STATE FORESTS AND FOREST NURSERIES</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

***Job Required Within Three Years - Forester I - State Forests***

Basic Forest Practice	32	Region	Within 3 years of appointment	Required	Once	None	(*)
Cactus/Cryptos	24	Unit	Within 3 years of appointment	Required	Once	None	(*)
Forest Mensuration for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
Silviculture for CDF Forest Practice	40	State	Within 3 years of appointment	Required	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	(*)

176 Total Additional Hours Job Required Within Three Years - - - Forester I - State Forests

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

# RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER I - FORESTRY ASSISTANCE

(No. 9 December 1999)

Training listed is in addition to the JOB REQUIRED training for the Forester I position. For additional job enhancement, see Forester I.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTER I - FORESTRY ASSISTANCE, STATE FORESTS</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Location</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

## JOB REQUIRED

### *Job Required Within Two Years - Forester I - Forestry Assistance*

Basic Forest Practice	32	Region	Within 2 years of appointment	Required	Once	None	(*)
Contracts	8	Unit	Within 2 years of appointment	Required	Once	None	(*)

120 **Total Additional Hours Job Required Within Two Years - Forester I - Forestry Assistance**

### *Job Required Within three Years - - Forester I - Forestry Assistance*

Forest Mensuration for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
Silviculture for CDF Forest Practice	40	State	Within 3 years of appointment	Required	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest silviculture is recommended	(*)

120 Total Additional Hours Job Required Within Three Years - - **Forester I - Forestry Assistance**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER I - FOREST PRACTICE

(No. 9 December 1999)

Training listed is in addition to the JOB REQUIRED training for the Forester I position. For job enhancement, see Forester I.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTER I - FOREST PRACTICE</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

***Job Required Within One Year - Forester I - Forest Practice***

Basic Forest Practice	32	Region	Within 1 year of appointment	Required	Once	None	(*)
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32 Total Additional Hours Job Required Within One Year - - ***Forester I - Forest Practice***

***Job Required Within Two Years - Forester I - Forest Practice***

Forest Practice Enforcement	24	Academy	Within 2 years of appointment	Required	Every 4 years	None	(*)
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24 Total Additional Hours Job Required Within Two Years - - ***Forester I - Forest Practice***

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

**Job Required Within Three Years - Forester I - Forest Practice**

Cactus/Cryptos	24	Unit	Within 3 years of appointment	Required	Once	None	
Forest Mensuration for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Forest Growth & Yield for CDF	40	State	Within 3 years of appointment	Required	One time training	Students must be familiar with math and statistics concepts; the use of basic mensuration instruments such as; diameter tape, clinometer, Biltmore stick, increment borer, and prisms; and must have a working knowledge of the contents of a Timber Harvesting Plan.  A college level Forest Mensuration course is recommended	(*)
Silviculture for CDF Forest Practice	40	State	Within 3 years of appointment	Required	One time training	Forest Mensuration for CDF or Forest Growth & Yield for CDF.  A college level forest Silviculture is recommended	(*)

144 Total Additional Hours Job Required Within Three Years - - Forester I - Forest Practice

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

***Job Required Unit option - Forester I - Forest Practice***

PC 832	40	Unit	Unit option	Required	Once		(*)(1)
Public Officer	40	Academy	Unit option	Required	Once		(*)(1)

80 **80 Total Additional** Hours Job Required Unit option - **Forester I - Forest Practice**

NOTES:(\*) = New Department policy  
 1. = Unless selected to be Peace Officer.

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER I - FOREST NURSERIES

(No. 8 May 1999)

Training listed is in addition to the JOB REQUIRED training for the Forester I position. For additional job enhancement, see Forester I.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTER I - FOREST NURSERIES</b>							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

***Job Required Within Second Year - Forester I - Forest Nurseries I***

Contracts	8	Unit	Within 2 years of appointment	Required	Once	None	(*)
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**8 Total Additional Hours Job Required Within Second Year - Forester I - Forest Nurseries**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## RESOURCE MANAGEMENT TRAINING GUIDE - FORESTER I

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

#### Either I

Two years of experience performing the duties of a Forestry Assistant II in the California state service.

#### or II

One year of experience performing the duties of a Forestry Assistant II in the California state service and six months of forestry work requiring professional skill. (Graduation from college with specialization in forestry, range management or a closely related natural resource field may be substituted for the six months of forestry work.)

#### or III

Experience: Either

1. Three years of experience in the California state service performing forestry work requiring professional skill, fire prevention, or supervising fire suppression work in a class comparable in level to Forestry Assistant II.

or

2. Two years of experience in forestry work requiring professional skill involving one of the following: management of a forest area; appraising forest resources; harvesting forest products; regulating forest practices controlling forest pests; reforestation or tree nursery production urban forestry; or range and watershed management duties. (Graduate work in forestry may be substituted for up to one year of the required experience on a year-for-year basis.)

and

Education: Equivalent to graduation from college with specialization in forestry, range management or a closely-related natural resource field. (Additional qualifying experience may be substituted for up to two years of the required education on a year-for-year basis.)

INDIVIDUAL PROFESSIONAL TRAINING - FORESTER I							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

***Job Required Within First Year - Forester I***

Basic Fire Academy BFC 1A Orientation/ basic admin	44	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	none	
EEO/ Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	none	(*)
Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	annual evaluation	none	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	none	
Basic Fire Academy BFC 2A Driver Operator training	133.5	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Defensive Driver	[4]	CDF Academy	Prior to response	SAM Required for frequent operation of any vehicle on state business	4 hours every 4 years	CA Driver's license	
Basic Fire Academy BFC 2B Skills Application	131	CDF Academy	Probationary requirement	SPB Job specification	One time training	BFC 1A, 1B, and 2A	(*)
Intermediate Wildland Behavior S290	[32]	CDF Academy	Within initial training	Required	One time training		
Wildland Firefighter Survival	[8]	CDF Academy	Within one year of hire	CDF Policy	One time training	None	
Communicable Disease Awareness	[2]	Unit	Within 1 year of initial hire	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	

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Hazardous Materials First Responder-Operational	24	Unit	within one year of hire	OSHA requirements under 29 CFR 1910.120 and the CCR Title 8, Section 5192. All Haz Mat responders (i.e. fire, law enforcement, health & private industry) must have at least this level of training.	8 Hours annually	None	
First Responder Medical — CDF	46	Unit	Prior to response	H & S, CCR Title 22	24 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within 1 year of initial hire	Mandated - H&S 1797.192 SB 1068	One time training	None	
Elderly Abuse W&I 15630	[1]	Unit	Within 1 year of initial hire	Mandated - W&I 15632	One time training	None	
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
Inmate Orientation	4	Unit	Unit option	Required	Once	None	

**516.50 Total Hours Job Required Within First Year - Forester I**

**Job Required Within Second Year - Forester I**

Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	After initial training	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
Technical Report Writing	24	Unit	Within 2 years of appointment	Required	Once	None	*

**25 Total Hours Job Required Within Second Year - Forester I**

**Job Required Within Third Year - Forester I**

First Responder Medical - Refresher	24	Academy	After initial training	Mandated-H&S Code Title 22	every 2 years (24 hour refresher)	Public Safety - CPR	
Public Safety - C.P.R. Refresher	4	Unit	After initial training	Mandated-H&S Code Title 22	4-8 hours refresher every 2 years	None	
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	After initial training	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	

**29 Total Hours Job Required Within Third Year - Forester I**

**Job Required Within Fourth Year - Forester I**

California Environmental Quality Act (CEQA) Training	24	Unit	Within 4 years of appointment	Required	Once	None	*
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	After initial training	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	

**25 Total Hours Job Required Within Fourth Year - Forester I**

**Job Required Within Fifth Year - Forester I**

First Responder Medical - Refresher	24	Academy	After initial training	Mandated-H&S Code Title 22	every 2 years (24 hour refresher)	Public Safety - CPR	
Public Safety - C.P.R. Refresher	4	Unit	After initial training	Mandated-H&S Code Title 22	4-8 hours refresher every 2 years	None	
Communicable Diseases/Bloodborne Pathogens Refresher	1	Unit	After initial training	Mandated-CLC 5193(3) (5), CFR 1910.1030	Annual refresher (1 hour minimum)	None	
Defensive Driver's Training	4	Unit	Within first 4 years of employment	SAM — Required for frequent operation of any vehicle on state business	4 hours Every 4 years	Valid California Driver's License	(3)

**33 Total Hours Job Required Within Fifth Year - Forester I**

**Job Required Unit option - Forester I**

HazMat I.C.	24	Region	Prior to response	CDF Policy	Annual refresher every 5 years	None	(*)
Archeological Training For Resource Professionals	24	Regional	Unit option	Required-CR Title 14 Sections 929, 949, 969 Forest Practice Rules	Every 5 years	None	
Dealing with Difficult People	8	Unit	Unit option	CDF Policy	Once	None	(*)
Incident Management 2	32	Unit	Unit option	CDF Policy			(*)
Incident Management 3	32	Region	Unit option	CDF Policy	Once	IM 2	(*)
Leadership Fundamentals	40	Region	Unit option	CDF Policy	Once	None	(*)
Conflict Management	16	Unit	Unit option	CDF Policy	Once	None	(*)
Forest Insect Disease Identification & Mgmt	24	Unit	Unit option	CDF Policy	Unit option	None	(*)

**200 Total Hours Job Required Unit option - Forester I**

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**JOB ENHANCEMENT**

Fire Instructor 1A	40	Region	Unit option	Recommended	Once	None	
Fire Instructor 1B	40	Region	Unit option	Recommended	Once	None	
Intermediate Fire Behavior (S-290)	32	Region	Unit option	Recommended	Once	None	
Registered Professional Forester (RPF) Certification			N/A				
P.O.S.T. Basic Academy	520	Academy	Unit option	Recommended	Once		
Peace Officer Continued Professional Training (CDF Refresher)	24	Academy	Every 2 years	Recommended	Every 2 years		(1)
Peace Officer Continued Professional Training (Local Refresher)	24	Unit	Alternates with POST CPT at Academy	Recommended	Every 2 years		(1)
How to conduct On-The-Job Training Design	8	Unit	Unit option	Recommended	Once		
Leadership Development	40	Academy	Unit option	Recommended	Once		(2)
Management Development	40	Academy	Unit option	Recommended	Once	Leadership Development	(2) (3)
Cactos/Cryptos	24	Unit	Unit option	Recommended	Once		

**792 Total Hours Job Enhancement Training**

- NOTES:
- (\*) = New Department policy
  - (---) = Subject Area Taught in the Course Listed Above
  - (1) = Required if appointed as a Peace Officer
  - (2) = Required if appointed as a supervisor
  - (3) = See CDF Policy 6750 Part of CDF Chief Officer College

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# MISCELANIOUS CLASSIFICATIONS

## FIRE PROTECTION TRAINING GUIDE - HEAVY EQUIPMENT MECHANIC

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

Possession of a valid California Class 3 driver's license. (Applicants who do not possess the license must be obtained prior to appointment.)

and

Either I

Completion of a recognized apprenticeship as a gas and diesel-powered truck mechanic, or a heavy construction equipment mechanic. (Apprentices who are within six months of completing their apprenticeship program may be admitted to the examination, but they must present evidence of completion of a recognized apprenticeship before they may be appointed.)

or II

Four years of varied mechanical experience on gas and diesel powered trucks or heavy construction equipment. An associate of Arts Degree in Heavy Equipment Maintenance, Diesel Mechanics, or Heavy Equipment Mechanics or a certificate of completion from an accredited community college or equivalent degree or certificate approved by the California Superintendent of Public Instruction under the provisions of California Education Code Section 94310(b) may be substituted for two years of the required experience. (Students who are within six months of completing their degree will be admitted to the examination but must present evidence of completion prior to appointment.)

Or III

Three years performing the duties of a Heavy Equipment Mechanic Apprentice in the California state service, at least two years of which shall have included experience on gasoline and diesel-powered heavy construction or highway maintenance equipment.

**INDIVIDUAL PROFESSIONAL TRAINING - HEAVY EQUIPMENT MECHANIC**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

***Job Required Within First Year - Heavy Equipment Mechanic***

First Responder Awareness -Haz-Mat	4	Unit	Within 1 year of initial hire	CDF Policy	1 hour every year	None	(*)
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy Mandated	\$ hours every 2 years thereafter	None	(*)
I-100 Introduction to ICS	2	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
I-200 Basic ICS	12	Unit	Required prior to filling an ICS position	CDF Policy	One time training	None	(*)

**26.00 Total Hours Job Required Within First Year - Heavy Equipment Mechanic**

***Job Required Within Fourth Year - Heavy Equipment Mechanic***

Defensive Drivers Training	4	Unit	Within first 4 years	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
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**4.00 Total Hours Job Required Within Fourth Year - Heavy Equipment Mechanic**

**JOB ENHANCEMENT**

Public Safety First Aid - CDF	26	Unit					
Sudden Infant Death Syndrome	[1]	Unit					
Elderly Abuse W&I 15630	[1]	Unit					
Communicable Disease Awareness	[4]	Unit					

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Public Safety CPR - CDF	8	Unit					
Fire Mechanic 1 - CFSTES	72	Community College					
Heavy Equipment Mechanic Workshop - CDF	40	CDF Academy					
Forestry Equipment Manager Workshop - CDF	40	CDF Academy					

**186.00 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FORESTRY EQUIPMENT MANAGER II

(No. 8 May 1999)

### MINIMUM QUALIFICATIONS

#### Either I

Two years of experience in the California state service performing the duties of a Heavy Equipment Mechanic.

#### or II

Five years of experience as a journey person mechanic, at least two years of which shall have been spent in full-time major repair and construction of gasoline and diesel-powered mobile equipment.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY EQUIPMENT MANAGER II</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Level</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

### JOB REQUIRED

#### *Job Required Within First Year - Forestry Equipment Manager II*

Public Safety First Aid - CDF	26	Unit	Prior to response	CDF Policy	8 hours every 2 years	Public Safety - CPR	(*)
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated - H&S 1797.192 SB 1068	One time training	None	
Elderly Abuse W&I 15630	[1]	Unit	Entry	Mandated -W&I 15632	One time training	None	
Communicable Disease Awareness	[4]	Unit	Within 1 year of initial hire	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
First Responder Awareness -Haz-Mat	4	Unit	Within 1 year of initial hire	CDF Policy	1 hour every year	None	(*)
Introduction To Equal Employment Opportunity & Sexual Harassment Prevention	2	Unit	Within 1 year of hire	CDF Policy	One time training	None	

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Non Discrimination & Sexual Harassment Prevention	8	Unit/Station	Within 1 year of initial hire	CDF Policy	4 hours every 3 years	None	
I-100 Introduction To ICS	2	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
I-200 Basic ICS	12	Unit	Required prior to filling an ICS position	CDF Policy	One time training	None	(*)

**62.00 Total Hours Job Required Within First Year - Forestry Equipment Manager II**

**Job Required Within Fourth Year - Forestry Equipment Manager II**

Defensive Drivers Training	4	Unit	Within 4 years of initial hire	SAM - Required for <u>frequent</u> operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
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**4.00 Total Hours Job Required Within Fourth Year - Forestry Equipment Manager II**

**JOB ENHANCEMENT**

Supervision 3 - CDF	40	Region/Unit					
Supervision 4 - CDF	40	Region/Unit					

**80.00 Total Hours Job Enhancement Training**

NOTES    (\*)    =    New Department policy  
 (----)   =    Subject Area Taught in the Course Listed Above

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FORESTRY EQUIPMENT MANAGER I

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

Either I

Two years of experience in the California state service performing the duties of a Heavy Equipment Mechanic.

or II

Five years of experience as a journey person mechanic, at least two years of which shall have been spent in full-time major repair and construction of gasoline and diesel-powered mobile equipment.

<b>INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY EQUIPMENT MANAGER I</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Level</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

### JOB REQUIRED

#### *Job Required Within First Year - Forestry Equipment Manager I*

Public Safety First Aid - CDF	26	Unit	Prior to response	CDF Policy	8 hours every 2 years	Public Safety - CPR	(*)
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated - H&S 1797.192 SB 1068	One time training	None	
Child and Elder Abuse W&I 15630	[1]	Unit	Entry	Mandated -W&I 15632	One time training	None	
Communicable Disease Awareness	[4]	Unit	Prior to response	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	
Public Safety CPR - CDF	8	Unit	Prior to response	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
First Responder Awareness -Haz-Mat	4	Unit	Within 1 year of initial hire	CDF Policy	1 hour every year	None	(*)
EEO for Supervisor or Manager	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy Mandated	Annually thereafter by Legal Counsel	None	(*)

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Non Discrimination & Sexual Harassment Prevention	8	Unit/Station	Within 1 year of initial hire	CDF Policy	4 hours every 3 years	None	
I-100 Introduction to ICS	2	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
I-200 Basic ICS	12	Unit	Required prior to filling an ICS position	CDF Policy	One time training	None	(*)

#### JOB ENHANCEMENT

Leadership Development	40	Academy	Within 1 year of hire	Government Mandate			(1)
Management Development	40	Academy	Within 1 year of hire	Government Mandate		Leadership Development	(2)
Defensive Drivers Training	4	Unit	Within 4 years of initial hire	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	

#### 124.00 Total Hours Job Enhancement Training

NOTES (\*) = New Department policy  
 (---) = Subject Area Taught in the Course Listed Above  
 (1) = Replaces Supervision 3  
 (2) = Replaces Supervision 4

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## FIRE PROTECTION TRAINING GUIDE - DISPATCH CLERK - EMERGENCY COMMAND CENTER

(No. 14 MARCH 2001)

INDIVIDUAL PROFESSIONAL TRAINING - DISPATCH CLERK - EMERGENCY COMMAND CENTER							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

### JOB REQUIRED

#### *Job Required Within First Year - Dispatch Clerk - Emergency Command Center*

Emergency Command Center Operations - CDF	160	CDF Academy	Within 1 year of assignment to the ECC	CDF Policy	One time training	Current ECC assignment or selection to fill an anticipated vacancy within 12 months.	(1)
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy Mandated	4 hours every 2 years thereafter	None	(*)

**162.00 Total Hours Job Required Within First Year - Dispatch Clerk - Emergency Command Center**

### JOB ENHANCEMENT

Public Safety First Aid - CDF	26	Unit					
Sudden Infant Death Syndrome	[1]	Unit/Station					
Child and Elder Abuse W&I 15630	[1]	Unit/Station					
Communicable Disease Awareness	[4]	Unit/Station					
Public Safety CPR - CDF	8	Unit					
First Responder Awareness -Haz-Mat	4	Region/Unit					
Incident Dispatcher - ICS	24	Region/Unit					

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		
Dispatch Recorder D-110	24	Unit/Zone Region					
Introduction to Telecommunications	40	General Services					
Emergency Medical Dispatcher	24	Region/Unit			Refresher every 2 years	CPR	

**150.00 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy  
 (---) = Subject Area Taught in the Course Listed Above  
 (1) = All students should be familiar with the Emergency Command Center Procedures Handbook - Procedures 1, 3, 5, 6, 7, 8, and 9. Participants must also have demonstrable computer skills and basic exposure to console operations, alarm handling, resource identification, agency/interagency orientation, principles of status keeping, and protocol.

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## FIRE PROTECTION TRAINING GUIDE - FIRE PREVENTION ASSISTANT I AND II

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

Possession of a valid California driver's license of the appropriate class issued by the Department of Motor Vehicles. Applicants who do not possess the license will be admitted to the examination but must secure the license prior to appointment.

and

Either I

Six months of full-time experience coordinating the activities of a Fire Prevention Public Education/Awareness program or performing fire safety and code inspections in a fire protection agency. (Inspection work must represent the majority of the duties performed.)

or II

Equivalent to one year of full-time volunteer experience in the California Department of Forestry and Fire Protection's "Volunteers In Prevention" (V.I.P.)

<b>INDIVIDUAL PROFESSIONAL TRAINING - FIRE PREVENTION ASSISTANT I AND II</b>							
<b>Course</b>			<b>Participant Time Frames</b>			<b>Prerequisites</b>	<b>Notes</b>
<b>Title</b>	<b>Hours</b>	<b>Level</b>	<b>When</b>	<b>Requirement</b>	<b>Frequency</b>		

#### JOB REQUIRED

#### ***Job Required Within First Year - Fire Prevention Assistant I and II***

EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy Mandated	4 hours every 2 years thereafter	None	(*)
I-100 Introduction To ICS	2	Unit/Station	Within 1 year of initial hire	CDF Policy	One time training	None	

**4.00 Total Hours Job Required Within First Year Fire Prevention Assistant I and II**

#### ***Job Required Within Second Year - Fire Prevention Assistant I and II***

Fire Prevention Education - CDF	40	Unit	Within 2 years of initial hire	CDF Policy	One time training	None	(*)
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**40.00 Total Hours Job Required Within Second Year Fire Prevention Assistant I and II**

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Within Fourth Year - Fire Prevention Assistant I and II**

Defensive Drivers Training	4	Unit/Station	Unit Option	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	Valid California driver's license	(*)
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**4.00 Total Hours Job Required Within Fourth Year Fire Prevention Assistant I & II**

**JOB ENHANCEMENT**

Public Safety First Aid - CDF	26	Unit					
Sudden Infant Death Syndrome	[1]	Unit/Station					
Elderly Abuse W&I 15630	[1]	Unit/Station					
Communicable Disease Awareness	[4]	Unit/Station					
Public Safety CPR - CDF	8	Unit					
Firefighter 1 - Basic	67	Unit					
Personal Protective Equipment	[5]	Unit					
Self-contained Breathing Apparatus	[3]	Unit/Station					
First Responder Awareness - Haz-Mat	4	Unit/Station					
Juvenile Fire Setter	24	Unit					
I-403 Information Officer - ICS	36	CDF Academy				I-200 (or I-220) Basic ICS	

**165.00 Total Hours Job Enhancement Training**

NOTES: (\*) = New Department policy  
 (----) = Subject Area Taught in the Course Listed Above

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## FIRE PROTECTION TRAINING GUIDE - HELICOPTER PILOT (LIMITED TERM)

(No. 14 March 2001)

INDIVIDUAL PROFESSIONAL TRAINING - HELICOPTER PILOT (LIMITED TERM)							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Level	When	Requirement	Frequency		

### JOB REQUIRED

#### *Job Required Within First Year - Helicopter Pilot (Limited Term)*

EEO/Sexual Harassment	4	Unit	Upon employment	CDF Policy	Annually	None	(*)
I-100 Introduction to ICS	2	Unit	Within 1 year on initial hire	CDF Policy	One time training	None	(*)
Wildland Firefighter Survival - CDF	8	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
Helitack Training - CDF	32	Region/Unit	Prior to first fire season	CDF Policy	One time training	None	(*)
New Pilot Transition	40	Aviation Mgmt.	Upon appointment	CDF Policy 8300 Aviation Handbook	One time training	None	(*)(1)
Annual Recurrent Training, Interagency Checkride & FAA Flight Review	24	Aviation Mgmt.	Prior to fire season	FAA/CDF Policy 8300 Handbook	Annual (during employed period)	None	(*)(2)
Refresher Emergency Procedures Training	4	Region/Unit	Every 90 days	CDF Policy 8300 Handbook	Every 90 days (during employed period)	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days (during employed period)	None	(*)(4)
Defensive Drivers Training	4	Unit	Within first 4 years	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	

#### **119.00 Total Hours Job Required Within First Year - Helicopter Pilot (Limited Term)**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Within Second Year - Helicopter Pilot (Limited Term)**

Refresher Emergency Procedures Training	4	Region/Unit	Every 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

**5.00 Total Hours Job Required Within Second Year - Helicopter Pilot (Limited Term)**

**Job Required Within Third Year - Helicopter Pilot (Limited Term)**

Refresher Emergency Procedures Training	4	Region/Unit	Every 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

**5.00 Total Hours Job Required Within Third - Helicopter Pilot (Limited Term)**

**Job Required Within Fourth Year - Helicopter Pilot (Limited Term)**

Defensive Drivers Training	4	Unit	Within first 4 years	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
Refresher Emergency Procedures Training	4	Region/Unit	Every 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

**9.00 Total Hours Job Required Within Fourth Year - Helicopter Pilot (Limited Term)**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

Basic Fire Academy BFC 1A Orientation/ basic admin	44	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	none	
EEO/ Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	none	(*)
Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	annual evaluation	none	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	none	
Basic Fire Academy BFC 2A Driver Operator training	133.5	CDF Academy	Probationary requirement	SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Defensive Driver	[4]	CDF Academy	Prior to response	SAM Required for frequent operation of any vehicle on state business	4 hours every 4 years	CA Driver's license	
Basic Fire Academy BFC 2B Skills Application	131	CDF Academy	Probationary requirement	SPB Job specification	One time training	BFC 1A, 1B, and 2A	(*)
Intermediate Wildland Behavior S290	[32]	CDF Academy	Within initial training	Required	One time training		
Wildland Firefighter Survival	[8]	CDF Academy	Within one year of hire	CDF Policy	One time training	None	

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Air Attack Management - CDF	72	Redding AAB Mather AAB				Basic ICS (I-200/220), Basic Fire Control - Firefighter Module, S-290 Intermediate Wildland Fire Behavior, Strike Team Leader (I-330, I-333, 334, or 335)	
First Responder Operations - Haz-Mat	16	Unit			8 hour refresher annually		
First Responder Medical-CDF	46	Unit			24 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit			One time training		
Elderly Abuse W & I 15630	[1]	Unit			One time training		
Communicable Disease Awareness	4	Unit			Annual - 1 hour (min)		
Public Safety CPR - CDF	8	Unit			4 hours every 2 years		
Firefighter 1 - Basic	67	Unit					
Fire Investigation 1A-Fire Origin and Cause Determination - CFSTES	40	CSFM/ Region				None	
S-190 Introduction to Wildland Fire Behavior	40	Unit				None	
Fire Instructor 1 - Certified CFSTES	80	CDF Academy/ Region/Unit					

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Incident Management 2 - CDF	40	Region/Unit				Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course; Incident Management 1; Basic ICS (I-200 or I-220).	

**861.00 Total Hours Job Enhancement Training**

- NOTES:
- (\*) = New Department Policy
  - (---) = Subject Area Taught in the Course Listed Above
  - (1) = 10 Hours Flight 30 Hours Ground School
  - (2) = 4 Hours Flight 20 Hours Ground School
  - (3) = 1 Hour Flight 3 Hours Ground School
  - (4) = 1 Hour Flight

[\(see Table of Contents\)](#)

## FIRE PROTECTION TRAINING GUIDE - FORESTRY PILOT (HELICOPTER)

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

Licenses: Possession of a valid Federal Aviation Agency (FAA) Commercial Airman Certificate with rotorcraft-helicopter rating or a valid FAA Airline Transport Pilot's Certificate with a rotorcraft-helicopter rating.

and

Possession of a valid and current Class II Airman's Medical Certificate issued by an FAA authorized medical examiner.

and

Possession of a valid Class 3 California driver's license. Applicants who do not possess this license will be admitted to the examination but must secure the license prior to appointment.

and

Experience: Applicants must have logged at least 2,000 hours of pilot-in-command flying helicopters, which must include the following:

1. At least 500 hours of mountain pilot-in-command helicopter flight time, routinely making landings in mountainous terrain above 4,000 feet MSL.
2. At least 500 hours of turbine helicopter time as pilot-in-command.
3. 250 hours pilot-in-command of helicopters performing low level missions in fire control, map survey, power-line patrol, search and rescue, spray or seeding operations over mountain or forested or comparable military operations.
4. At least 100 hours as pilot-in-command in helicopters carrying sling loads.
5. At least 50 hours as pilot-in-command in helicopters in the past year.

INDIVIDUAL PROFESSIONAL TRAINING - FORESTRY PILOT (HELICOPTER)							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

**Job Required Within First Year - Forestry Pilot (Helicopter)**

First Responder Operations -Haz-Mat	16	Unit	Prior to response to HAZ-MAT incident	Mandated - SARA Title III	Annual - 8 hour	None	(*)
Firefighter 1 - Basic	67	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy	4 hours every 2 years thereafter	None	(*)
I-100 Introduction To ICS	2	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
I-200 Basic ICS	12	Region/Unit	Required prior to filling any ICS position	CDF Policy	One time training	None	(*)
Wildland Firefighter Survival -CDF	8	Region/Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)
Defensive Drivers Training	4	Unit/Station	Unit Option	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	Valid California Driver's license	
Helitack Training - CDF	32	Region/Unit	Prior to first fire season	CDF Policy	One time training	None	
New Pilot Transition	40	Aviation Mgmt.	Upon Appointment	CDF Policy 8300 Handbook	One time training	None	(*)(1)
Annual Recurrent Training, Interagency Checkride & FAA Flight Review	24	Aviation Mgmt.	Prior to fire season	FAA/CDF Policy 8300 Handbook	Annual	None	(*)(2)
Refresher Emergency Procedures Training	4	Region/Unit	Every 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

**218.00 Total Hours Job Required Within First Year - Forestry Pilot (Helicopter)**

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**Job Required Within Second Year - Forestry Pilot (Helicopter)**

Refresher Emergency Procedures Training	4	Region/Unit	Ever 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

**77.00 Total Hours Job Required Within Second Year - Forestry Pilot (Helicopter)**

**Job Required Within Third Year - Forestry Pilot (Helicopter)**

Refresher Emergency Procedures Training	4	Region/Unit	Ever 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

**45.00 Total Hours Job Required Within Third Year - Forestry Pilot (Helicopter)**

**Job Required Within Fourth Year - Forestry Pilot (Helicopter)**

Defensive Drivers Training	4	Unit	Within first 4 years	SAM - Required for frequent operation of any vehicle on state business	4 hours every 4 years	California Driver's License	
Refresher Emergency Procedures Training	4	Region/Unit	Ever 90 days	CDF Policy 8300 Handbook	Every 90 days	None	(*)(3)
Monthly Refresher Training	1	Unit	Monthly	CDF Policy 8300 Handbook	Every 30 days	None	(*)(4)

**9.00 Total Hours Job Required Within Fourth Year - Forestry Pilot (Helicopter)**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

S-290 Intermediate Wildland Fire Behavior	40	Region/Unit	Prior to third year of employment	CDF Policy 8300 Handbook	One time training	Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module	(*)
Air Attack Management - CDF	72	Redding AAB Mather AAB	Within 2 years of initial hire	CDF Policy	One time training	Basic ICS (I-200/220), Basic Fire Control, S-290 Intermediate Wildland Fire Behavior, Strike Team Leader (I-330, I-333, 334, or 335)	
First Responder Medical - CDF	46	Unit				Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit					
Elderly Abuse W&I 15630	[1]	Unit					
Communicable Disease Awareness	4	Unit					
Public Safety CPR - CDF	8	Unit					

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		
Basic Fire Academy BFC 1 A Orientation/basic admin	44	CDF Academy		SPB Job specification	One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
I-200 Basic ICS	[12]	CDF Academy	Required prior to filling any ICS position	CDF Policy	One time training	None	
EEO/Sexual Harassment	[2]	Academy, Unit	2 hr upon appointment	CDF Policy Mandated	4 hours annually	None	(*)
Basic Fire Academy BFC 1B Fire fighting skills	126	CDF Academy			One time training	Hazmat 1 <sup>st</sup> responder; CDF FFI basic	(*)
Self Contained Breathing Apparatus (SCBA)	[3]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 3401 (b) (1)	Annual evaluation	None	
Confined Space	[40]	CDF Academy	Prior to response	Mandated CCR Title 8 Section 5157	Annual hands on drill	None	
Basic Fire Academy BFC 2A Driver Operator training	133.5	CDF Academy			One time training	Class B license; CDF FFI basic; CPR and Public Safety 1 <sup>st</sup> Aid	(*)
Defensive Driver	[4]	CDF Academy	Prior to response	SAM Required for frequent operation of any vehicle on state business	4 hours every 4 years	CA Driver's license	
Basic Fire Academy BFC 2B Skills Application	131	CDF Academy			One time training	BFC 1A, 1B, and 2A	(*)
Intermediate Wildland Behavior S290	[32]	CDF Academy	Within initial training	Required	One time training		
Wildland Firefighter Survival	[8]	CDF Academy	Within one year of hire	CDF Policy	One time training	None	
Fire Investigation 1A - CFSTES	36	CSFM/ Region					
Fire Instructor 1 - Certified CFSTES	80	Region/Unit					
Incident Management 2 – CDF	36	Region/Unit				Incident Management 1	
CFI Refresher Course	16	Unit				CFI certificate	

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

CDF Pilot Trainer	3	Aviation Mgmt.				CFI certificate	(5)
Call-When-Needed Pilot Inspector	32	Aviation Mgmt. (USFS)					

NOTES:

- (\*) = New Department policy
- (---) = Subject Area Taught in the Course Listed Above
- (1) = 10 Hours Flight 30 Hours Ground School
- (2) = 4 hours Flight 20 Hours Ground School
- (3) = 1 hour Flight 3 Hours Ground School
- (4) = 1 hour Flight
- (5) = 1 Hour Flight 2 Hours Ground School

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## FIRE PROTECTION TRAINING GUIDE - HEAVY FIRE EQUIPMENT OPERATOR

(No. 14 March 2001)

### MINIMUM QUALIFICATIONS

Possession of the type of California driver's license required by law applicable to the types of heavy motorized vehicles operated on the job. (Applicants who do not possess the required license will be admitted to the examination, but must secure the license prior to the performance.

and

One year of over the highway experience operating Class 8 transport vehicles with multi-speed manual shift transmissions, with a gross vehicle weight of at least 60,000 pounds or greater;

and

One year of experience operating D6 or D7 bulldozers or equivalent size bulldozers produced by other manufacturers. Qualifying bulldozer experience must include at least 500 hours of operation of the specified bulldozers in rugged terrain;

and

Education equivalent to completion of the twelfth grade.

INDIVIDUAL PROFESSIONAL TRAINING - HEAVY FIRE EQUIPMENT OPERATOR							
Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB REQUIRED**

**Job Required Within First Year - Heavy Fire Equipment Operator**

Firefighter 1 - Basic	67	Unit	Prior to first response	CDF Policy	One time training	None	(*)
First Responder Medical - CDF	46	Unit	Within 1 year of initial hire	CDF Policy	24 hours every 2 years	Public Safety - CPR	
Sudden Infant Death Syndrome	[1]	Unit	Within basic training	Mandated - H&S 1797.192 SB 1068	Annual refresher (time optional)	None	
Elderly Abuse W&I 15630	[1]	Unit	Entry	Mandated - W&I 15632	One time training	None	
Communicable Disease Awareness	4	Unit	Within first year of employment	Mandated - CLC 5193(3) (5) CFR 1910.1030	Annual - 1 hour (min)	None	
Public Safety CPR - CDF	8	Unit	Within 1 year of initial hire	Mandated - H.S. Code, CCR Title 22	4 hours every 2 years	None	
EEO/Workplace Free of Discrimination/Sexual Harassment	8	Academy, Unit	8 hrs during initial year of employment	CDF Policy	4 hours every 2 years thereafter	None	(*)
Hazardous Materials First Responder-Operational	24	Unit	Prior to Response	Mandated - SARA Title III	Annual-8 hours	None	
Heavy Fire Equipment Operator - CDF	275	CDF Academy	Within 1 year of initial hire	SPB Rule	One time training	Class A drivers license, 200 hrs. equipment operation in rough terrain	
I-100 Introduction To ICS	2	Unit	Within 1 year of initial hire	CDF Policy	One time training	None	(*)

**434.00 Total Hours Job Required Within First Year - Heavy Fire Equipment Operator**

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Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**JOB ENHANCEMENT**

Progressive Discipline - CDF	8	Academy					
S-290 Intermediate Wildland Fire Behavior - CDF	32	Region/Unit				Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module	
S-234 Firing Methods and Procedures	24	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior; <b>Incident Management 1</b>	
Heavy Equipment Mechanic Workshop - CDF	40	CDF Academy					
Forestry Equipment Manager Workshop - CDF	40	CDF Academy					
Fire Mechanic 1 - CFSTES	40	Community College / CSFM					

**184 Total Hours Job Enhancement Training**

Course			Participant Time Frames			Prerequisites	Notes
Title	Hours	Location	When	Requirement	Frequency		

**CAREER DEVELOPMENT**

Chief Officer Certification - CFSTES	400	CFA/CSFM				Community College Degree	(1)
Fire Instructor 1 - Certified CFSTES	80	Region/Unit					
Incident Management 3 - CDF	40	CDF Academy				Basic Engine Operation-(BFEO) or Basic Fire Control-Firefighter Module; Intermediate Wildland Fire Behavior (S-290) or an agency equivalent course, Basic ICS (I-220/200), Incident Management 2.	
S-390 Introduction to Wildland Fire Behavior Calculations	32	Region	Unit option	Recommended	Once	Basic Engine Operation-(BFEO) or <b>Basic Fire Control-Firefighter Module; S-290</b> Intermediate Wildland Fire Behavior	

NOTES: (\*) = New Department policy  
 (---) = Subject Area Taught in the Course Listed Above  
 (1) = (10 courses)

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