

CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION
ADVANCED FIREFIGHTER TRAINING SYLLABUS

I hereby verify that Firefighter _____ has successfully completed
NAME of FIREFIGHTER
all of the requirements of the Advanced Firefighter Training and is trained to a level of Advanced Firefighter.

TRAINING OFFICER SIGNATURE OF VERIFICATION

ASSIGNED LOCATION OF THE FIREFIGHTER _____

UNIT _____ DATE OF HIRE _____



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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
4301	FIRE DEPARTMENT ORIENTATION (1:00)				
4301.2	Fire Service Organization	1:00			
4302	STATION OPERATIONS (3:15)				
	IIPP 7- New Employee Safety Orientation (Within 48 hours of station assignment)				
4302.1	Station Orientation	1:00			
4302.3	Telephone Procedures	:15			
4302.4	CAL FIRE Living Quarters	:15			
4302.5	Kitchen Operations	:30			
4302.6	Garage, Shop, And Fueling Areas	:30			
4302.7	Emergency Rations	:15			
4302.8	Dealing With The Public	:30			
4305	PERSONAL PROTECTIVE EQUIPMENT (3:30)				
4305.8	How to Don And Remove the MSA Self Contained Breathing Apparatus; Sling Coat Method	1:00			
PEX	Don And Remove the MSA Self Contained Breathing Apparatus Sling Coat Method	*			
4305.9	How To Don & Remove the MSA Self Contained Breathing Apparatus; Quick Mount/Seat Method	1:00			
PEX	Don & Remove the MSA Self Contained Breathing Apparatus; Quick Mount/Seat Method	*			
4305.11	Self Contained Breathing Apparatus; Filling Cylinders	1:00			
4305.12	How To Enter Narrow Openings Wearing a Self Contained Breathing Apparatus	:30			
PEX	Entering Narrow Openings Wearing a Self Contained Breathing Apparatus	*			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
4306	FIREFIGHTER SAFETY (:30)				
4306.20	What To Do If Lost	:30			
4307	HOSE (9:10)				
IFSTA Reading Assignment	Chapter 13, "Fire Hose" Chapter 14, "Fire Streams"				
4307.4	Fire Hose Couplings, Inspection During Bedding Operations	:15			
4307.5	Maintenance of Fire Hose Records	:30			
4307.6	How To Test Fire Hose	:30			
PEX	Testing Fire Hose	*			
4307.21	How To Bed An Accordion Load	1:00			
PEX	Bedding An Accordion Load	*			
4307.22	How To Bed A Horseshoe Load	1:00			
PEX	Bedding A Horseshoe Load	*			
4307.33	How to Carry Hose From A Hose Bed – One Shoulder Carry Method	:15			
PEX	Carrying Hose From a Hose Bed – One Shoulder Carry Method	*			
4307.34	How To Siamese Two Lines Into One Line	:30			
PEX	Siamesing Two Lines Into One Line	*			
4307.35	How to Wye One Line Into Two Lines	:15			
PEX	Wying One Line Into Two Lines	*			
4307.40	How To Make A Reverse Hoselay And Prepare A Supply Line	:15			
PEX	Making A Reverse Hoselay And Preparing A Supply Line	*			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
4307.42	How To Handle An Attack Line- One Person - Packing House Loop	:30			
PEX	Handling An Attack Line-One Person - Packing House Loop	*			
4307.43	How to Handle a 2 ½" Attack Line – Two Person	:20			
PEX	Handling a 2 1/2" Attack Line – Two Person	*			
4307.44	How To Handle A 2 ½ "Attack Line– Three Person	:30			
PEX	Handling A 2 ½ "Attack Line– Three Person	*			
4307.46	How To Advance An Uncharged Line Up A Ladder Into A Window	:45			
PEX	Advancing An Uncharged Line Up A Ladder Into A Window	*			
4307.50	Controlling A Loose Handline	:30			
4307.51	How To Make Hydrant Connections Using Soft Intake Hose	:45			
PEX	Making Hydrant Connections Using Soft Intake Hose	*			
4307.52	How To Connect To An Upper Floor Standpipe And Advance The Line	:30			
PEX	Connect To An Upper Floor Standpipe And Advance The Line	*			
4307.54	How To Connect To A Sprinkler System	:20			
PEX	Connect To A Sprinkler System	*			
4307.57	How To Pick Up And Drain Hose-Horseshoe Shoulder Carry Method	:30			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
PEX	Pick Up And Drain Hose-Horseshoe Shoulder Carry Method	*			
4308	WATER SUPPLY SYSTEMS (3:30)				
IFSTA PPT and Quiz	Chapter 12, "Water Supply"	3:30			
4309	HOSE APPLIANCES & TOOLS (2:45)				
4309.14	Inspection And Maintenance Of Nozzle And Hose Appliances	:30			
4309.15	Features Of Service Siamese Appliance	:20			
4309.16	Features Of Fire Service Wyes	:20			
4309.17	Water Thief Or In Line "Tee Valve" Appliances	:20			
4309.18	Four-Way Hydrant Valves	:15			
4309.20	Types Of Foam Proportioners, Eductors, And Nozzles	:30			
4309.21	How To Operate An In-Line Foam Eductor	:30			
PEX	Operating An In-Line Foam Eductor	*			
4311	POWER TOOLS (3:00)				
4311.1	Components And Safety Considerations For Portable Lighting Equipment	1:00			
4311.3	Inspection And Maintenance Of Fire Service Power tools	2:00			
4312	AIRCRAFT (1:00)				
4312.3	Helicopter Safety	:30			
4312.4	How To Approach And Enter a Helicopter	:30			
PEX	Approaching And Entering a Helicopter	*			
4313	MOBILE EQUIPMENT (2:30)				
4313.2	Fire Engine/CCV/ECT Driving Procedures For Emergency Movement	:30			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
4313.8	Removing Objects From Between Duals	:30			
4313.9	Jump Starting Vehicles	:15			
4313.14	Bulldozer Operations	:15			
4313.16	Bulldozer Swamper	:30			
4313.17	How To Use Bulldozer Swamper Hand Signals	:30			
PEX	Using Bulldozer Swamper Hand Signals	*			
4314	PUMP THEORY (10:45)				
4314.1	Pump Theory-Types Of Pumps	2:00			
4314.2	Pump Cavitation	:30			
4314.3	Pump Gauges And Flow Meters	:30			
4314.4	Fire Engine Pump Plumbing; Systems	:30			
4314.5	Transmitting Power To The Pump	:30			
4314.6	Basic Types Of Pumping Operations	1:00			
4314.7	Trouble Shooting Drafting	:30			
4314.10	Factors Causing Hoseline Pressure Losses	:15			
4314.12	Pump Pressure Control Systems	:15			
4314.13	Limitations Associated With Supplemental Sources	:15			
4314.16	How To Make Intake Pumping Connections	:30			
PEX	Making Intake Pumping Connections	*			
4314.21 or 4314.33 or 4314.37	Pump Configuration, <i>Station Specific</i>	1:00			
4314.22 or 4314.23	How To Operate Auxiliary Pumps <i>Station Specific</i>	:30			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
PEX	Operating Auxiliary Pumps <i>Station Specific</i>	*			
4314.24 or 4314.27 or 4314.30	How To Pump From Tank -CAL FIRE Engine <i>Station Specific</i>	:30			
PEX	Pumping From Tank <i>Station Specific</i>	*			
4314.25 or 4314.28 or 4314.31 or 4314.35	How to Pump From Hydrant- CAL FIRE Engine <i>Station Specific</i>	:30			
PEX	Pumping From Hydrant <i>Station Specific</i>	*			
4314.26 or 4314.29 or 4314.32 or 4314.36	How To Pump From Draft CAL FIRE Engine <i>Station Specific</i>	:30			
PEX	Pumping From Draft <i>Station Specific</i>	*			
4314.41 or 4314.42	Portable Pumps <i>Station Specific</i>	1:00			
4316	FORCIBLE ENTRY (3:50)				
IFSTA Reading Assignment	Chapter 9, "Forcible Entry"				
4316.1	Forcible Entry Tools	1:00			
4316.2	Breaking Or Pulling Locks	:30			
4316.3	Forcing Entry Doors	:30			
4316.4	Forcing Overhead Doors	:15			
4316.5	Breaking Window Glass	:20			
4316.6	Opening Floors	:30			
4316.7	Opening Walls	:30			
4316.8	Opening Sheetrock Ceilings	:15			
4317	PORTABLE FIRE EXTINGUISHERS (1:30)				
IFSTA Reading Assignment	Chapter 6: Portable Fire Extinguishers				

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
4317.1	Portable Fire Extinguishers - Regulations And Servicing	1:00			
4317.3	Portable Fire Extinguishers- Inspection, Maintenance And Testing	:30			
4318	LADDERS (3:00)				
4318.4	Inspection and Maintenance of Fire Service Ground Ladders	1:00			
4318.5	How To Pick Up And Carry A Ladder Low Shoulder Method - Two Person	1:00			
PEX	Pick Up And Carry A Ladder Low Shoulder Method, Two Person	*			
4318.6	How To Pick Up, Carry, Raise, Climb And Lower A 24' Extension Ladder – One Person Method	1:00			
PEX	Pick Up, Carry, Raise, Climb And Lower A 24' Extension Ladder – One Person Method	*			
4319	ROPES & KNOTS (5:50)				
IFSTA Reading Assignment	Chapter 7, "Ropes and Knots"				
4319.4	How To Tie A Square Knot	:10			
PEX	Tie A Square Knot	*			
4319.5	How To Tie A Half Hitch	:10			
PEX	Tie A Half Hitch	*			
4319.6	How To Tie A Clove Hitch	:10			
PEX	Tie A Clove Hitch	*			
4319.7	How To Tie A Figure Eight Knot	:10			
PEX	Tie A Figure Eight Knot	*			
4319.8	How To Tie A Figure Eight Follow Through Knot	:10			
PEX	Tie A Figure Eight Follow Through Knot	*			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
4319.9	How To Tie A Figure Eight Knot On A Bight	:20			
PEX	Tie A Figure Eight Knot On A Bight	*			
4319.10	How To Tie A Double Figure Eight Knot On A Bight	:20			
PEX	Tie A Double Figure Eight Knot On A Bight	*			
4319.11	How To Tie A Becket Bend (Sheet Bend)	:15			
PEX	Tie a Becket Bend (Sheet Bend)	*			
4319.12	How To Tie A Bowline -Open	:15			
PEX	Tie A Bowline – Open	*			
4319.13	How To Tie A Bowline On A Safety Line	:15			
PEX	Tie A Bowline On A Safety Line	*			
4319.14	How To Tie A Running Bowline Knot Around An Object	:15			
PEX	Tie A Running Bowline Knot Around An Object	*			
4319.15	How To Tie A Timber Hitch	:20			
PEX	Tie A Timber Hitch	*			
4319.16	How To Tie Off A Charged Hose Line For Hoisting	:30			
PEX	Tie Off A Charged Hose Line For Hoisting	*			
4319.17	How To Tie Off A Dry Line For Hoisting	:30			
PEX	Tie Off A Dry Line For Hoisting	*			
4319.18	How To Tie Off A Cylinder For Hoisting	:30			
PEX	Tie Off A Cylinder For Hoisting	*			
4319.19	How To Tie Off A Pike Pole For Hoisting	:30			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
PEX	Tie Off A Pike Pole For Hoisting	*			
4319.20	How To Tie Off An Axe, Pulaski Or Sledge Hammer For Hoisting	:30			
PEX	Tie Off An Axe, Pulaski Or Sledge Hammer For Hoisting	*			
4319.21	How To Tie Off A Shovel Or McLeod For Hoisting	:30			
PEX	Tie Off A Shovel Or McLeod For Hoisting	*			
4320	VEGETATION FIRES (4:00)				
4320.7	Size Up And Report On Conditions Of Vegetation Fire	1:00			
4320.9	WUI Structure Protection	3:00			
4321	STRUCTURE FIRES (7:15)				
IFSTA Reading Assignment	Chapter 11, "Ventilation"				
4321.1	Structure Fire Initial Attack Incident Organization	1:00			
4321.5	Structure Fire Size-Up	:45			
4321.14	Vertical Ventilation	1:00			
4321.15	Horizontal Ventilation	1:00			
4321.16	Positive Pressure Ventilation	1:00			
4321.17	Fog Stream Ventilation	1:00			
4321.18	How To Ventilate Using A Fog Stream	:30			
PEX	Ventilate Using A Fog Stream	*			
4321.19	Fixed Smoke Venting Devices	1:00			
4322	SALVAGE AND OVERHAUL (10:00)				
IFSTA Reading Assignment	Chapter 17, "Loss Control"				
4322.1	Salvage And Overhaul Safety Considerations	:30			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
4322.2	Procedures For Making Buildings And Areas Safe After An Emergency	:30			
4322.3	Searching For Hidden Fires	:30			
4322.4	Procedures For Extinguishing Hidden Fires	1:00			
4322.5	Common Types Of Salvage Equipment	:30			
4322.6	Types And Maintenance of Salvage Covers	1:00			
4322.7	Grouping Building Contents For Salvage	:30			
4322.8	Protecting Floors And Walls During Salvage	:30			
4322.9	Covering Roof Openings During Overhaul	:30			
4322.10	Improvising With Salvage Covers	1:00			
4322.16	How To Remove Salvage Covers	:30			
PEX	Removing Salvage Covers	*			
4322.17	How To Roll Salvage Covers For A One Person Spread	:30			
PEX	Rolling Salvage Covers For A One Person Spread	*			
4322.18	How To Spread The Salvage Cover Roll - One Person	:30			
PEX	Spreading The Salvage Cover Roll – One Person	*			
4322.19	How To Fold Salvage Covers For A One Person Spread	:30			
PEX	Folding Salvage Covers For A One Person Spread	*			
4322.20	How To Spread A Folded Salvage Cover - One Person	:30			
PEX	Spreading A Folded Salvage Cover – One Person	*			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
4322.21	How To Fold A Salvage Cover For A Two Person Spread "Underwriter" Method	:30			
PEX	Folding A Salvage Cover For A Two Person Spread "Underwriter Method"	*			
4322.22	How To Spread A Two Person Balloon Throw Salvage Cover	:30			
PEX	Spreading A Two Person Balloon Throw Salvage Cover	*			
4324	FIRE PROTECTION SYSTEMS (3:15)				
IFSTA Reading Assignment	Chapter 16, "Fire Protection Systems"				
4324.1	Fire Suppression Systems	3:00			
4324.2	Fire Suppressions Support Systems;	:15			
4325	PRE FIRE PLANNING (2:00)				
4325.1	Pre Fire-Planning	2:00			
4326	FIRE PREVENTION PROGRAM (4:00)				
4326.1	Fire Department Prevention Codes, Ordinances, And Regulations	1:00			
4326.2	Introduction To The CAL FIRE Fire Prevention Program	1:00			
4326.3	Basic Instructional Techniques For Public Education	2:00			
4330	VEHICLE EXTRICATION (5:00)				
4330.1	Vehicle Stabilization	1:00			
4330.2	Vehicle Extrication - Gaining Access	4:00			
4331	SPECIAL INCIDENT (4:30)				
4331.1	Vehicle Accident - Scene Management	1:00			
4331.1.0	Traffic Control Patterns	1:00			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
4331.2	Safety Precautions When Working With Energized Electrical Equipment	:30			
4331.3	Earthquake Preparedness And Survival	2:00			
	TOTAL HOURS	94:00			

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SECTION	LESSON PLAN TITLE	TIME	DATE	STUDENT INITIALS	INSTRUCTOR INITIALS
REQUIRED FORMAL TRAINING COURSES					
CAL FIRE self-paced course	Water Rescue Awareness (Within 90 Days Of Hire)	4:00			
NWCG	Basic Land Navigation	8:00			
NWCG	S-212 Wildland Fire Chainsaws	24:00			
000118.pr	CAL FIRE Radio Use Program Text	2:00			
NWCG or SFT (Classroom only)	I-200 Basic ICS	16:00			
0951-2805-MTDC USFS	Firefighter Cohesion And Entrapment Avoidance Tech Tip	4:00			
RECOMMENDED SUPPLEMENTAL TRAINING COURSES					
SFT	LARRO	24:00			
SFT	Fire Control 3A Or 3B	16:00			
SFT	Vehicle Extrication	16:00			
TBD	Introduction To Firing Techniques And Terminology	8:00			
SFT	FSTEP Courses Applicable To Unit Needs				
Policy 4039	ICS Level 200 Course				

	Total Hours CAL FIRE AFF	152:00			
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