



**COURSE OUTLINE : FIRE 120**  
**D Credit – Degree Applicable**  
**COURSE ID 001498**  
**Cyclical Review: November 2020**

**COURSE DISCIPLINE :** FIRE  
**COURSE NUMBER :** 120  
**COURSE TITLE (FULL) :** Verdugo Fire Recruit Academy  
**COURSE TITLE (SHORT) :** Verdugo Fire Recruit Academy

**CATALOG DESCRIPTION**

FIRE 120 trains students in the theory and practice of fire fighting technology. Topics include organization of the fire service, fire characteristics and behavior, fire prevention and public education, extinguishing agents, fire protection systems, fire service communications, use and application of self-contained breathing apparatus, salvage and overhaul operations, fire control techniques, fire hose, nozzles, streams and water supply, fire service ground ladders, and portable fire extinguishers. This course also involves arduous physical training and strict paramilitary conduct expectations.

**CATALOG NOTES**

Note: This course is intended for persons employed in the fire service. This course is very fast paced and arduous. The conduct expectations of this course are similar to that of a typical fire department structured as a para-military organization. No credit if taken after FIRE 116, 117, 118, or 119.

Total Lecture Units: 11.50

Total Laboratory Units: 9.00

**Total Course Units: 20.50**

Total Lecture Hours: 207.00

Total Laboratory Hours: 486.00

Total Laboratory Hours To Be Arranged: 0.00

**Total Contact Hours: 693.00**

**Total Out-of-Class Hours: 414.00**

Recommended Preparation: ENGL 100 or ESL 141 and KIN 167 or KIN 168. CPAT certification (Candidate Physical Ability Test)



**ENTRY STANDARDS**

	Subject	Number	Title	Description	Include
1	ENGL	100	Writing Workshop	Read, analyze, and evaluate contemporary articles and stories to identify topic, thesis, support, transitions, conclusion, audience, and tone;	Yes
2	ENGL	100	Writing Workshop	write a summary of a contemporary article or story with correct citation techniques;	Yes
3	ENGL	100	Writing Workshop	write compositions (e.g., summaries and argumentative essays) that are easy to read and follow, though some errors in grammar, mechanics, spelling, or diction may exist;	Yes
4	ENGL	100	Writing Workshop	proofread and edit essays for content, language, citation, and formatting problems.	Yes
5	ESL	141	Grammar and Writing IV	Compose a 400 to 450-word thesis-based essay which:  (a) summarizes and cites appropriately a reading passage provided as a prompt,  (b) includes a clear thesis statement,  (c) uses evidence to support the thesis,  (d) shows clear organization into an introduction, body, and conclusion, and  (e) uses appropriate rhetorical modes such as comparison/contrast, cause/effect, and persuasion in order to support a thesis.	Yes
6	KIN	167	Weight Training and Conditioning I	demonstrate proper lifting technique for basic resistance, cardiorespiratory, flexibility and balance training exercises;	Yes
7	KIN	168	Weight Training and Conditioning II	demonstrate proper technique with intermediate conditioning exercises;	Yes

**EXIT STANDARDS**

- 1 explain cultural- and gender-sensitivity theory;
- 2 demonstrate required interpersonal skills;
- 3 select appropriate fire extinguishing agents;
- 4 select appropriate protective dress;
- 5 identify significance of the various types of building construction;
- 6 explain the various types of fire alarm systems;
- 7 demonstrate various rope and knot techniques;
- 8 explain fire behavior and concepts of thermal dynamics;



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- 9 apply salvage and overhaul operations;
- 10 select and use fire service ground ladders;
- 11 select, use, and maintain portable fire extinguishers;
- 12 demonstrate proper use and application of various fire service hose and appliance applications;
- 13 demonstrate use and application of fire service self-contained breathing apparatus;
- 14 explain different types of water supply systems;
- 15 identify key concepts of fire fighter safety and behavioral health;
- 16 design fire prevention plans and methods that can be disseminated to the public.

**STUDENT LEARNING OUTCOMES**

- 1 explain key learning concepts of structural suppression activities;
- 2 recognize and identify hazardous materials and weapons of mass destruction and appropriate fire fighter actions in response;
- 3 identify hazards, personal protective equipment, tools, and techniques related to wildland fires;
- 4 summarize the skills and knowledge needed for leadership roles in the fire department.

**COURSE CONTENT WITH INSTRUCTIONAL HOURS**

	Description	Lecture	Lab	Total Hours
1	Fire Fighter 1A Introduction (FF1A Unit 1)	2	0	2
2	Fire Fighter Safety (FF1A Unit 2)	20.25	20.25	40.5
3	Communications (FF1A Unit 3)	1.5	0.5	2
4	Fire Tools and Equipment (FF1A Unit 4)	6	6.5	12.5
5	Structural Fire Suppression (FF1A Unit 5)	41	135.5	176.5
6	Fire Fighter Survival (FF1A Unit 6)	4	12	16
7	Suppression of Fires Outside of a Structure (FF1A Unit 7)	5.5	9	14.5
8	Fire Fighter 1B Introduction (FF1B Unit 1)	1	0	1
9	Hazardous Materials/WMD Awareness (FF1B Unit 2)	4	3	7
10	Hazardous Materials/WMD Operations (FF1B Unit 3)	10.5	5.5	16
11	Fire Fighter 1C Introduction (FF1C Unit 1)	1.5	0	1.5
12	Fire Fighter Preparation (FF1C Unit 2)	18.25	7.5	25.75
13	Wildland Fire Suppression (FF1C Unit 3)	10.25	18.5	28.75
14	Fire Fighter 2A Introduction (FF2A Unit 1)	2	0	2
15	Fire Department Communications (FF2A Unit 2)	1.5	1	2.5
16	Fireground Operations (FF2A Unit 3)	7.5	15	22.5
17	Rescue Operations (FF2A Unit 4)	4	6	10
18	Fire and Life Safety (FF2A Unit 5)	5	6	11
19	Incident Command System (FEMA IS700/IS800)	6.5	0	6.5
20	Wildland firefighting (N.W.C.G. S-130/131/190)	0	46	46



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21	Rapid Intervention Company Tactics (OSFM FSTEP)	0	24	24
22	Fire Fighter Survival (OSFM FSTEP)	4	12	16
23	Trench Rescue Awareness (OSFM FSTEP)	4	12	16
24	Emergency Medical Services (L.A.Co. DHS / EMT)	10	30	40
25	Live Fire Training / Flashover (OSFM FSTEP Fire Control 1 and 2)	0	32	32
26	Live Fire Training (OSFM FSTEP Fire Control 3B – Structural Simulators)	0	16	16
27	Live Fire Training (OSFM FSTEP Fire Control 4 – Liquids and Gases)	0	16	16
28	Confined Space Rescue Awareness (OSFM FSTEP)	8	0	8
29	Fire Apparatus Driver/Operator 1A (OSFM CFSTES)	10	30	40
30	Low Angle Rope Rescue Operational (OSFM FSTEP)	4	20	24
31	Leadership and Ethics (IPSLEI)	14.75	1.75	16.5
				<b>693</b>

**OUT OF CLASS ASSIGNMENTS**

- 1 Written assignments (disciplinary reports, papers, etc);
- 2 Incident after-action reports;
- 3 Interactive lectures and online quizzes (JB Learning companion website).

**METHODS OF EVALUATION**

- 1 Uniform inspections;
- 2 Projects / reports (e.g. incident simulations, line-of-duty death reports/reviews, etc.);
- 3 Written quizzes, tests, and block examinations;
- 4 Manipulative skills evaluations;
- 5 Performance evaluations/corrective action notices.

**METHODS OF INSTRUCTION**

- Lecture
- Laboratory
- Studio
- Discussion
- Multimedia
- Tutorial
- Independent Study
- Collaboratory Learning
- Demonstration



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- Field Activities (Trips)
- Guest Speakers
- Presentations

**TEXTBOOKS**

<b>Title</b>	<b>Type</b>	<b>Publisher</b>	<b>Edition</b>	<b>Medium</b>	<b>Author</b>	<b>ISBN</b>	<b>Date</b>
Fundamentals of Fire Fighter Skills	Required	Jones & Bartlett Learning	4	print	International Association of Fire Chiefs	9781284144017	2019