

Crafton Hills College - Outcomes Assessment Report

Course: FIRE115 – Firefighter I Basic Training Academy

Term: Fall 2011

1. Learning Outcomes Statement

Assessment	SLOs
<p>1. In-Class Skill Performance - Ladder Ground Operations</p> <ul style="list-style-type: none"> ● Score students 60/60 (100%) complete ● Adjust scorecard layout 	<p>2. Student will demonstrate knowledge of fire department equipment through the selection and application of equipment for given firefighting tasks.</p> <p>Specific Expectations</p> <p>(SE) Ladder: One Person High Shoulder Technique Rubric: Fire Technology Standard Rubric</p> <p>(SE) Ladder-Two Person Low-shoulder Technique Rubric: Fire Technology Standard Rubric</p> <p>(SE) Ladder: Three Person Flat-shoulder Technique. Rubric: Fire Technology Standard Rubric</p>
<p>2. In-Class Skill Performance - Hose Operations</p> <ul style="list-style-type: none"> ● Score students 60/60 (100%) complete ● Adjust scorecard layout 	<p>2. Student will demonstrate knowledge of fire department equipment through the selection and application of equipment for given firefighting tasks.</p> <p>Specific Expectations</p> <p>(SE) Hose: Advance the pre-connected flat hose load - Engine Company Hose Lay Operations. Rubric: Fire Technology Standard Rubric</p> <p>(SE) Hose: Connecting to a Hydrant using a forward Hose Lay - Engine Company Operations. Rubric: Fire Technology Standard Rubric</p> <p>(SE) Hose: Advance Hose Lay Operation using the working line drag method - Engine company operations. Rubric: Fire Technology Standard Rubric</p>

2. Means of Assessment (Measurement Method)

Ladder: One Person High Shoulder Technique

Ladder-Two Person Low-shoulder Technique

Ladder: Three Person Flat-shoulder Technique.

Hose: Advance the pre-connected flat hose load - Engine Company Hose Lay Operations.

Hose: Connecting to a Hydrant using a forward Hose Lay - Engine Company Operations.

Hose: Advance Hose Lay Operation using the working line drag method - Engine company operations.

3. Criteria for Success (Benchmark)

Rubric: Fire Technology Standard Rubric

Description: This is the judgement criteria that will be used to rate level of achievement on each specific learning outcome for each cadet.

Owner: Course Level - Fire Technology

Rubric Levels

- 0. No demonstrated achievement
- 1. Minimal Achievement: Cadet demonstrates an inadequate or insufficient level of knowledge or performance of task or skill below 80% Proficiency. NOT acceptable in the field or professional setting.
- 2. Satisfactory Achievement: Cadet demonstrates a sufficient level of knowledge or performance of task or skill between 80% and 90% proficiency -- acceptable in the field or professional setting.
- 3. Excellent Achievement: Surpasses expectations for skill performance or knowledge above 90% proficiency; well-prepared for field or professional setting.

4. Summary of Evidence

FIRET115 Firefighter I Basic Training Academy Fall 2011 Sec 95 (Actuals)		Show Percentages Display as PDF		Assessment Results By Level				
Assessment: Ladder Ground Operations		NS	0	1	2	3	Total	
Certificate Program: Firefighter I Basic Training Academy - Assessed Effort 2. Student will demonstrate knowledge of fire department equipment through the selection and application of equipment for given firefighting tasks.								
Ladder: One Person High Shoulder Technique Rubric PDF		0	0	0	5	15	20	
Ladder: Two Person Low-shoulder Technique Rubric PDF		0	0	0	4	16	20	
Ladder: Three Person Flat-shoulder Technique. Rubric PDF		0	0	0	3	17	20	
Assessment: Hose Operations		NS	0	1	2	3	Total	
Certificate Program: Firefighter I Basic Training Academy - Assessed Effort 2. Student will demonstrate knowledge of fire department equipment through the selection and application of equipment for given firefighting tasks.								
Hose: Advance the pre-connected flat hose load - Engine Company Hose Lay Operations. Rubric PDF		0	0	1	2	17	20	
Hose: Connecting to a Hydrant using a forward Hose Lay - Engine Company Operations. Rubric PDF		0	0	2	3	15	20	
Hose: Advance Hose Lay Operation using the working line drag method - Engine company operations. Rubric PDF		0	0	0	2	18	20	

Goal of 80% proficiency was met for both Hoses and ladders, and the following improvements were identified.

Positive feedback -- More evolution-type scenarios, real-life, practical applications utilizing mock scenarios that require fire crews to deploy multiple skill sets at the same time.

Regarding Ladders: The repaving and repainting of the area where ladder skills are taught has greatly improved the quality of instruction, and the performance of cadets in meeting the designated objectives of ladder skills.

5. Use of Results (Implications for Program Improvement & Planning)

More hands on training has resulted in improved performance of the cadets. In the past, adding mock hydrants has resulted in better performance on the hydrant skills.

Improved reps on all skills.

Add Portable hose load training prop. Allows cadets the ability to observe better, and more actual practice touches. Improves safety as well, in that instruction can be conducted on the ground using the prop, rather than on top of the fire engine.

Improved communication between cadets and instructors, and more hands-on touches.