Reviewing and Adapting a Psychomotor Lesson Plan

Format: Whole class (instructor guided)

Time Frame: 30 minutes

Description
This instructor-guided activity provides students with an opportunity to review psychomotor instructional materials and determine which elements of the lesson plan, learning environment, and resources need adaptation.

Materials
- Psychomotor Lesson Plan Checklist (see Online Resources)
- Lesson plan: How to Advance a Charged Hoseline into a Structure, Two-Person Method (included) or similar

Instructions

Scenario: You are given a lesson plan that covers how to advance a charged hoseline into a structure using the two-person method. The AHJ delivering the program uses a three-person engine company and does not use the two-person method. How will you adapt the lesson plan for a one-person approach?

1. Review the attached lesson plan.
2. Determine the adaptations required to revise the lesson plan to meet the following conditions:
   - One-person
   - To the door only
3. Evaluate each component to identify required adaptations.
4. Using the checklist and the space on the course plan, document required adaptions.

Sample Lesson Plan

Topic: How to Advance a Charged Hoseline into a Structure, Two-Person Method

Time Frame: 1 hour

Level of Instruction: Level II

Authority: Fire Fighter 1 Certification Training Standard (2019)

Terminal Learning Objective:

At the end of this topic, a student, given an attack line (1 ½ inch or larger), ladders (when needed), personal protective equipment, tools, and an assignment, will be able to attack an interior structure fire, maintain team integrity, deploy the attack line for advancement, correctly place ladders when used, gain access into the fire area, effectively apply water, correctly approach the fire using attack techniques that facilitate suppression given the level of the fire, locate and control hidden fires, maintain the correct body posture, recognize and manage hazards, and bring the fire under control, operating as a member team.

Enabling Learning Objectives:

1. Apply water using direct, indirect, and combination attacks.
2. Advance charged and uncharged hand lines of 1½ inch diameter or larger up ladders and up and down interior and exterior stairways.
3. Operate charged hand lines of 1½ inch or larger while secured to a ground ladder.
4. Attack fires below, at, and above grade level.
5. Locate and suppress interior wall and subfloor fires.

Materials Needed:

- Job breakdown

- Fire engine equipped with charged hoseline and nozzle (minimum 150-feet of 1½" hoseline)
- Appropriate personal protective equipment
- Suitable structure

References:

- *Essentials of Fire Fighting* (IFSTA, 7th edition, chapter 12)
- *Hose Practices* (IFSTA, 7th edition, chapter 4)

Preparation:

To attack and extinguish fires in structures, it is necessary to advance or stretch hoselines from the engine to the seat of the fire. For maximum safety, it is necessary that a fire fighter be alert to the dangers of back draft, flashover, and building collapse as well.

Operations and Key Points

1. Deploy hoseline

- To point of entry
- Using appropriate hoseline pull

2. Flake hoseline

- So it can be easily used
- In line with direction of travel

3. Charge hoseline

- Signaling engine operator to charge the hoseline
- Bleeding air from nozzle
- Appropriate pattern selected (30 degrees or less)

4. Check door

- With ungloved hand or wrist
- Starting at bottom of door and moving up

5. Check for backdraft conditions

- Door is hot
- Smoke "puffing" in and out
- Notify officer of situation

6. Activate safety devices

- SCBA
- Personal alarm device

7. Open door

- Standing to side as partner forces door open
- Slowly

8. Enter structure

- Two-person minimum
- Advancing hoseline
- Keeping low
- Using short bursts of water to cool ceiling if extreme heat condition exists to prevent flashover

9. Check attic

- If attic involvement is suspected or if no extreme thermal layer exists upon entry

10. Advance hoseline

    - To seat of fire

11. Extinguish simulated fire

    - At base

12. Check for extension

    - Attic first
    - Other five sides of the structure

13. Perform primary search

    - Notifying IC of primary knockdown and extension of fire
    - In rooms closest and above origin
    - Notifying IC when primary search is completed

Application:

The student will practice performing the operations in the skill sheet while under supervision.

Evaluation:

The student will complete a performance test at a time determined by the instructor.

Assignment:

Practice this job to prepare yourself for the upcoming performance test.

Study for our next session.

Possible Adaptations

- Change Topic to: How to Advance a Charged Hoseline to the Door of a Structure, One-Person Method
- Change Time frame to: 15 minutes
- Change Behavior to: The student will advance a charged hoseline to the door of a structure using the one-person method.
- Add Department standard operating guideline (SOG) to “References”.
- Update Materials Needed (e.g. hose diameter) and Time standard in light of department SOG.
- Shorten Preparation step to reflect narrower topic, for example:

  Fire fighters must routinely advance hoselines from an engine to the seat of the fire. To learn how to perform this skill, fire fighters may perform portions of an evolution.
- Delete steps #7-13 in skill sheet to reflect narrower topic.