Sample Fire Department (made-up data)

LESSON PLAN AND TRAINING RECORD

Ground ladder throw and angle check

1. ADMINISTRATIVE HEADER

Agency	Sample Fire Department (made-up data)
Provider or course number	—
Date and time	2026-10-14 09:00
Location	Station 1 apron
Training hours	0.42
Training cycle	Monthly
Target audience	Firefighter I, Firefighter II
Category	Training · Fireground
Lead instructor	Capt. Sam Carter
Instructor contact	—
Medical director	—

2. CURRICULUM ALIGNMENT AND OBJECTIVES

Standards reference

- NFPA 1010 firefighter job performance requirements (formerly NFPA 1001)
- ISO Fire Suppression Rating Schedule company training hours
- State fire training requirements and department SOGs

Learning objectives

At the end of this session, each participant will be able to:

- Raise a ladder quickly and set it at about 75 degrees every time.

Knowledge (cognitive)

1. State the base-to-height ratio for a ground ladder
2. Explain the body check for climbing angle

Attitude (affective)

1. Value correct ladder placement every time as part of crew safety

Skills (psychomotor)

1. Raise and set a ground ladder at about 75 degrees
2. Climb with three points of contact while a partner heels the ladder

Why it matters now

Ladder falls and improper angles are preventable injuries, and ladders are thrown on most structure fires.

3. INSTRUCTIONAL DESIGN

Methods of instruction

- Lecture
- Demonstration
- Hands-on skills practice
- Scenario
- Discussion

Lecture and review

- Ladder parts, carries and raises
- Angle, footing and heeling

Skills lab and hands-on practice

1. Carry the ladder to the building, butt end first.
2. Raise it with the fly section facing the way your department teaches.
3. Set the base about one quarter of the working height out from the wall.
4. Do the body check: toes at the butt, arms straight out; your hands should land on a rung at shoulder height.
5. Heel the ladder while your partner climbs with three points of contact.
6. Lower and bed the ladder, then switch roles.

Scenario

1. Crew must reach a second-floor window for search
2. Ladder carried, raised and checked
3. Member climbs to the window and back

Structured debrief

- What made the angle too steep or too shallow on the first try?
- Did the climber keep three points of contact the whole way?

Required equipment and materials

- 24 ft extension ladder (or what your apparatus carries)
- A building or training wall with a window or roofline
- Tape measure for checking the base distance

Time allocation

Briefing: objectives, safety and setup: 3 min
Instruction and skills practice: 18 min
Evaluation and debrief: 4 min

Safety

- Use full PPE, a safety officer, and your department's two-in, two-out and rapid intervention policies whenever the drill uses live conditions or an IDLH environment.
- Anyone can call "stop" at any time for a safety concern or a real emergency.

4. ASSESSMENT AND VERIFICATION

Final evaluation (summative)

- Skills sign-off: Base at about one quarter of the working height
- Skills sign-off: Body check passes without leaning
- Skills sign-off: Three points of contact on every climb
- Written check: calculate the base distance for a given working height

Performance criteria

- Base at about one quarter of the working height
- Body check passes without leaning
- Three points of contact on every climb

Instructor evaluation by attendees

6 attendees rated the instruction (1 to 5):
Quality of the instruction: 5
Clear and easy to follow: 4.5
Useful for my job: 5

Comments

“Good reps. More time on the angle check next time.”

5. DOCUMENTATION AND TRAINING HOURS

Training hours	0.42

References

- 24On library: Ground ladder throw and angle check

Record kept in 24On (Department > Assignments > Classes) with the department's training records.

ATTENDANCE ROSTER (6)

Ground ladder throw and angle check · 2026-10-14 · Station 1 apron

#	Name (legal)	Level	License no.	In / out	Hrs	Signature
1	Alex Rivera	Firefighter II		09:00-09:25	0.42	
2	Jordan Blake	Firefighter II		09:00-09:25	0.42	
3	Casey Morgan	Firefighter I		09:00-09:25	0.42	
4	Taylor Quinn	Firefighter I		09:00-09:25	0.42	
5	Riley Hayes	Firefighter I		09:00-09:25	0.42	
6	Morgan Ellis	Firefighter I		09:00-09:25	0.42	

Instructor signature and date
Capt. Sam Carter

Training officer

Medical director

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