

JRYM 422E: FORKLIFT CLASS 7 (ROUGH TERRAIN) TELEHANDLER OPERATOR/ OPERATOR RENEWAL

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Spring 2026
Units:	0
Hours:	1-2.5 hours total per quarter (0.5-1.5 hours lecture, 1-2 hours laboratory).
Prerequisite:	This course is limited to students employed with Cupertino Electric.
Degree & Credit Status:	Non-Degree-Applicable Non-Credit Course
Foothill GE:	Non-GE
Transferable:	None
Grade Type:	Non-Credit Course (Receives no Grade)
Repeatability:	Unlimited Repeatability

Student Learning Outcomes

- Interpret load charts to determine lifting capacity and safe center of gravity
- Operate telehandlers safely on rough terrain and uneven surfaces
- Mitigate hazards associated with overhead obstructions and power lines
- Perform safe refueling and emergency shutdown procedures

Description

In accordance with Federal OSHA 29 CFR 1910.178(l), 29 CFR 1926.602(d), and Cal/OSHA 8 CCR §3668 requirements, this course provides certification for individuals who operate a Class 7 rough terrain forklift, specifically a telehandler.

Course Objectives

The student will be able to:

1. Identify the components, controls, and functions of a telehandler.
2. Understand and apply OSHA regulations and safety standards for powered industrial trucks.
3. Conduct thorough pre-operation inspections and function tests.
4. Demonstrate safe load handling, lifting, and placement techniques.
5. Navigate and operate telehandlers in rough terrain and construction environments.
6. Recognize and mitigate workplace hazards associated with telehandler operation.
7. Perform safe refueling or battery charging procedures.
8. Understand the importance of stability, load charts, and center of gravity.
9. Respond appropriately to emergency situations and equipment malfunctions.

10. Pass a written test and practical evaluation to demonstrate operational competence.

Course Content

1. 2.5 hours training for Forklift Class 7 (Rough Terrain) Telehandler Operator
 - a. OSHA 1910.178(l) training requirements
 - b. Types and classifications of telehandlers
 - c. Operating instructions, warnings, and precautions
 - d. Controls and instrumentation, specifically:
 - i. Boom, forks, outriggers, and attachments
 - ii. Instrumentation and warning systems
 - e. Load charts and capacity ratings
 - f. Load handling and stability triangle
 - g. Visibility and maneuvering in various environments
 - h. Refueling procedures and fire safety
 - i. Workplace-specific hazards (overhead obstructions and power lines, pedestrian traffic and blind spots, weather and environmental conditions)
 - j. Operator and employer responsibilities
2. 0.5 hour training for Forklift Class 7 (Rough Terrain) Telehandler Operator Renewal
 - a. An abbreviated version intended to renew a former operator

Lab Content

1. Pre-operation inspection and safety checklist.
2. Safe start-up, maneuvering, and shutdown.
3. Load handling, stacking, and unstacking.
4. Operating on inclines and uneven surfaces.
5. Emergency procedures and safe parking.
6. Safe refueling procedures (diesel, propane).

Special Facilities and/or Equipment

1. When taught in person, applicable equipment and printed materials for students to use and take as reference.
2. When taught online, this course requires access to CEI's Learning Management System (Amplify), ongoing access to a computer with the necessary software and hardware to view video content, and a reliable intranet connection.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Results of skills demonstration and evaluation

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Lecture
Classroom demonstration

Representative Text(s) and Other Materials

Equipment and course materials provided by Cupertino Electric.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

No assignments.

Discipline(s)

Electricity