

JRYM 422D: FORKLIFT CLASS 4/5 (SEATED WAREHOUSE) 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

- Navigate seated counterbalanced forklifts across loading docks and ramps
- Calculate load capacity using data plates to prevent tipping
- Demonstrate proper fueling (propane/diesel) or charging techniques
- Stack and unstack palletized materials securely

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 4 or Class 5 forklift in a seated warehouse setting.

Course Objectives

The student will be able to:

1. Identify the types and functions of Class 4 and 5 forklifts.
2. Understand OSHA regulations and employer responsibilities under 29 CFR 1910.178(l).
3. Demonstrate safe operating procedures, including starting, maneuvering, lifting, and parking.
4. Conduct pre-operation inspections and identify maintenance needs.
5. Recognize workplace hazards, such as ramps, loading docks, and pedestrian traffic.
6. Safely handle loads, including stacking, unstacking, and transporting.
7. Apply load stability principles and understand the stability triangle.
8. Perform safe refueling procedures (LPG, diesel, gasoline).
9. Pass a written knowledge test and hands-on performance evaluation.

Course Content

1. 2.5 hours training for Forklift Class 4/5 (Seated Warehouse) Operator
 - a. OSHA 1910.178(l) training requirements
 - b. Types and classifications of Class 4 and 5 trucks
 - c. Operating instructions, warnings, and precautions
 - d. Controls and instrumentation
 - e. Load handling and stability triangle
 - f. Visibility and maneuvering in various environments
 - g. Refueling procedures and fire safety
 - h. Workplace-specific hazards (e.g., ramps, docks, narrow aisles)
 - i. Operator and employer responsibilities
2. 0.5 hour training for Forklift Class 4/5 (Seated Warehouse) 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. Refueling station safety.

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:

Skills demonstration and evaluation

Method(s) of Instruction

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

Lectures
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