

OVERHEAD LINE WORKER

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Overhead Line Worker: Certificate of Achievement (CA)

Upon successful completion of 25.5 units of course requirements and 2000 hours of related work experience, [students will be eligible for the Overhead Line Worker Apprenticeship approved by the State of California Department of Industrial Relations, Division of Apprenticeship Standards.] Graduates are employed as Overhead Line Workers, a high-level Way, Power, and Signal maintenance position in the mass transit field. An Overhead Line Worker working at a transit agency can train and promote to Overhead Line Worker Foreperson as the next step in the Way, Power, and Signal maintenance career path. Depending on qualifications, the Overhead Line Worker can also apply for a range of other transit occupations.

Program Learning Outcomes:

- Perform inspection, maintenance and repair of major overhead line components of a light rail system; and maintain tools, equipment, and vehicles in good operational condition.
- Demonstrate effective safety protocols in a high voltage rail system environment.
- Interact effectively with a diverse community of coworkers in order to meet and exceed service delivery objectives.

Career/ Transfer Opportunities:

Career opportunities for qualified persons entering the public transit industry are very diverse. Depending on the student's career interest and courses taken, coach operator graduates find employment as coach operators, light rail operators, dispatchers, supervisors; and are eligible to transfer to other public transit careers such as maintenance, scheduling, or information technology (IT).

To earn this certificate, students must complete the minimum required courses with a grade of C (or P) or better.

Core Requirements (25.5 - 28.5 units):

Complete all of the following

		Units
TRN 141	Principles of Electricity and Test Equipment	3.0
TRN 142	Electrical Safety for the Trades	2.5
TRN 143	Theory and Power Components	2.0
TRN 144	Traction Power Safety Practices	2.5
TRN 151	Overhead Line Worker Apprenticeship Fundamentals I	2.5
TRN 152	Overhead Line Worker Apprenticeship Fundamentals II	2.5
TRN 153	Overhead Line Worker Apprenticeship Fundamentals III	2.5
TRN 154	Catenary Safe Work Practices	5.0
TRN 155	Mobile Crane - Boom Truck	2.0
WRK 300TN	Occupational Work Experience for the Transportation Industry	1.0-4.0

Total Required Units:

25.5-28.5