

WIND ENERGY MECHANIC, DIPLOMA

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Overview

The Wind Energy Mechanic program combines lecture and hands-on training to provide skills necessary in completing technical troubleshooting and repairs on wind energy turbines. Under minimal supervision, graduates will be able to carry out complex daily assembly, service, repair, and operations of infrastructure to wind turbine generators and related equipment. Wind Energy Mechanics must operate in compliance with company, State, and Federal OSHA requirements and be capable of climbing to 300 feet. They work closely with clients and must have an understanding of environmental issues and politics, written technical skills, and data interpretation.

Locations

Canby

Course Number	Course Title	Credits
	Fall - Year 1	
ELCO 1110	AC/DC I	3
ELEC 2265	Introduction to Alternate Energy	3
ELWT 1170	Wind Energy OSHA Standards & Climb Lab	3
ELWT 1101	Introduction to Wind Energy	2
ELEC 2200	Low Voltage	2
CSCI 1102	Computer Applications I	3
	Credits Fall - Year 1	16
	Spring - Year 1	
ELCO 1120	AC/DC II	3
ELEC 1235	Applied Electrical Calculations	2
ELEC 1225	Electric Motors	3
ELWT 1110	Mechanical Systems	3
DSL 1130	Hydraulics Theory and Application	3
ELWT 1102	Advanced Hydraulic Lab	1
ELEC 2240	Transformers	3
	Credits Spring - Year 1	18
	TOTAL CREDITS	34