

OREGON COMMUNITY COLLEGES
INVENTORY OF CURRENT AND PROPOSED SOLAR PROGRAMS *updated 8-23-10*

College	Current Solar Programs	Award	Proposed/Future Solar Programs
Blue Mountain	Intro to Solar	OS - NC	
Blue Mountain	Solar Oregon	3 courses – OS - NC	Solar Tech prep career pathway
Central Oregon	NABCEP Entry Level Exam prep for electricians	OS - NC	NABCEP exam prep for PV and Solar Thermal Installers
Central Oregon	Understanding Solar Energy	Non-Credit ?	Geothermal Installer (non-credit)
Central Oregon	Basic Solar PV Design	OS - NC	Solar Thermal for plumbers to prep for TCCT exam
Central Oregon	Basic Solar PV Design and Install	OS - NC	Solar Energy (AAS)
Chemeketa	Microelectronics/Solar Cell Mfg	OP – 3 Credits	
Chemeketa	Solar Mfg Industry Standards	OS - NC	
Chemeketa	Electronic Engineering Technician	AAS	Photovoltaic Technician (AAS)
Clackamas	Construction Trades Apprenticeship (solar plumbing)	AAS	
Clackamas	Construction Trades Apprenticeship (solar plumbing)	Related Certificate 67 credits	
Clackamas	Construction Trades Apprenticeship (solar plumbing)	Related Certificate 27 credits	
Clackamas	Renewable Energy Technology	Related Certificate 48 credits	
Clackamas	Renewable Energy Technology	AAS	Solar Thermal, Solar Photovoltaic
Klamath			Solar Voltaic Certificate for Plumbers and Electrician
Lane	Licensed Renewable Technician (PV installation)	OP – (3) 4 credits each	Photovoltaic Manufacturing

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Lane	Apprenticeship – PV and solar water heater installation	Non-credit ?	PV and Solar Thermal Training (distance model)
Lane	Renewable Energy Technician (solar installation)	AAS	Green Certification – Solar Thermal and Solar PV
Lane	Statewide Basic Manufacturing Technician – Solar emphasis	Statewide Certificate of Completion 18 credits	
Linn-Benton			Mechatronics – Solar Voltaic
Mt. Hood	Introduction to Solar Power	Non-credit ?	
Portland	Electrician Apprenticeship (all apprenticeship programs at PCC offer solar as an elective)	AAS	
Portland	Micro Electronics Technology (solar manufacturing)	AAS	
Portland	Introduction to Solar Voltaic Process	OP – 1Credit	
Portland	Overview Solar Water Systems	OS - NC	
Portland	Solar Hot Water Heater	OS - NC	
Portland	Solar Electric Controls	OS - NC	
Portland	Principles of Solar Energy	OS - NC	
Portland	Solar Thermal Series	OS - NC	
Portland	Solar Photovoltaic System Design	OS - NC	
Portland	Advanced Photovoltaics	OS - NC	
Portland	Grid-tied photovoltaic systems	OS - NC	
Portland	Micro Electronics Technology (solar manufacturing)	Career Pathway Certificate 13 credits	

OS – Occupational Supplementary
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Rogue	Electronics (solar panels)	OP - NC	NABCEP cost recovery course
Southwestern Oregon	Photovoltaic Entry Level	Non-Credit ?	Photovoltaic Training for Electrical apprentices and journeymen
Tillamook Bay	Building a solar water heater	Non-credit ?	
Treasure Valley			Solar Voltaic

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INVENTORY OF CURRENT HVAC/R PROGRAMS

College	Current HVACR Program	Award
Blue Mountain	Apprenticeship – HVAC/R	AAS
Central Oregon	Home Energy Analyst Training	OP - NC
Central Oregon	High Efficiency HVAC Controls	Sustainable practice
Chemeketa	Construction Trades Apprenticeship	AAS
Chemeketa	Construction Trades Apprenticeship	Certificate of completion 64 credits
Clackamas	HVAC	OS - NC
Clackamas	HVAC, Building Tune Up	OS - NC
Lane	Construction Trades Apprenticeship	AAS
Lane	Construction Trades Apprenticeship	Certificate of completion 45 credits
Lane	Basic HVAC Controls	OS - NC

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College	Current HVACR Program	Award
Lane	HVAC, Hot water, Daylighting	OS - NC
Linn-Benton	RHVAC Brazing & Fitting	OP – 2 credits
Linn-Benton	HVAC System Controls	OP - NC
Linn-Benton	RHVAC Skills Laboratory	OP – 6 credits
Linn-Benton	Mechatronics RHVAC	AAS
Mt. Hood	Construction Trades Apprenticeship	AAS
Mt. Hood	Construction Trades Apprenticeship	Certificate of Completion 40 credits
Portland	Construction Trades Apprenticeship (all apprenticeship programs at PCC offer HVAC as an elective)	AAS
Portland	Facilities Maintenance Technician	AAS
Portland	Basic HVAC Installation	OP – 2 credits
Portland	Facilities Maintenance Technician (HVAC)	career pathway certificate 14 credits
Rogue	Construction Trades Apprenticeship	AAS
Tillamook Bay	Construction Trades Apprenticeship (all apprenticeship programs at TBCC offer HVAC as an elective)	AAS
Treasure Valley	Introduction to HVAC	OP – 1 credit

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PROPOSED NEW PROGRAMS UNDER THE SESP GRANT

PORTLAND METRO	Occupation(s)	Award
Solar Voltaic Manuf. Technology	Solar Manufacturing Technician	AAS
Facilities Maintenance Tech and Industrial Tech	Facilities Maintenance Technician - HVAC/R, other equipment and systems	AAS
Engineering programs	Civil, Mechanical, Industrial, Microelectronics Engineers	Engineering AAS

SALEM METRO	Occupation(s)	Award
Green Process Technology	All manufacturing sectors	Certificate
Photovoltaic Technology	Solar installation	Certificate/Degree
Advanced Green Manufacturing Technology	All industry sectors	Degree

LINN-BENTON LINCOLN	Occupation(s)	Award
8-week Intensive Introduction to Weatherization	Weatherization; Energy Auditors; Energy Analyst; HVAC; Air sealing/ duct sealing; Energy Educator; General Construction/ Carpenter; New Construction/ Remodeling; Insulation; Window Installers; Roofers; Painters	Lead safety, BPI, first aid/CPR, OSHA safety training
Weatherization Tech 1 week	Weatherization; HVAC; Air sealing/ duct sealing; Energy Educator; General Construction/ Carpenter; New Construction/ Comprehensive Remodeling; Insulation; Window Installers	Tech 1 Certificate
Blower Door and Duct Diagnostics	Energy Analyst; Energy Auditor; HVAC; Weatherization; Air sealing/ Duct sealing	Certificate of Completion

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LANE COUNTY	Occupation(s)	Award
Energy Management Technician	Energy Management Technician; Renewable Energy Technician	AAS

ROGUE VALLEY	Occupation(s)	Award
Solar Grid Certification Training	Electrician – with NABCEP Certification for Solar Grid Installation	NABCEP Certification

RURAL OREGON	Occupation(s)	Award
Oregon Green Tech Certificate Program	A broad range of technicians: Electrical, mechanical, renewable energy engineering; manufacturing; environmental engineering; HVAC; weatherization specialist; power systems.	Oregon Green Tech Certificate

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