

Renewable Energy Systems Certificate

(Wind/Hydro/Solar Power, Fuel Cell Technology, Industrial Power, etc.)

(Portland Community College 2011-2012 Catalog)

Program Prerequisites: Placement in MTH 111 and completion of WR 121
Basic computer skills in the Windows™ operating system, email and internet research skills,
word processing and spreadsheets are required. All students must have
an advising interview with an EET advisor.

Total credits required: 42

Portland Community College, Sylvania Campus, EET Department, ST 208

email:linda.browning@pcc.edu; ph#: 971.722.8730; FAX: 971.722.4859; <http://www.pcc.edu/programs/electronic-engineering>

First Term

EET 101	Intro to Elec.Test Eq/Sold/Tools	1
EET 111	Electric Circuit Analysis I	5
EET 121	Digital Systems I	3
MTH 111	College Algebra	5
¹ EET 110	Intro to Renewable Energy	3

Total: 17

Second Term

EET 112	Electric Circuit Analysis II	5
EET 122	Digital Systems II	4
² EET 188	Industrial Safety	1
³ ELT 125	Basic PLC	2
MTH 112	Elementary Functions	5

Total: 17

Third Term

EET 113	Electrical Power	5
⁴ RES Electives		3

Total: 8

¹REE 201, at OIT can substitute for EET 110

²OSHA industrial safety training can substitute

³ELT 125 offered at Cascade Campus (Electrical Trades)

ELT 125 prereq for EET students: EET 111

⁴Approved RES Electives (minimum 3 credits):

RC: Solar Manufacturing - MT 101, 102, 104

SY: Wind Power - EET 269

Columbia Gorge CC: RET 122

Solar Installation - Electrical Trades Dept. (CA)

Start in the fall (day) or in the winter (evening). Third term EET classes are offered in the summer as well. Check with the math department for compressed summer classes. RES certificate fully transfer into the 2-year RES degree. For prior learning credit, contact Sanda Williams, department chair, at sanda.williams@pcc.edu. To receive formal credit, students must provide official transcripts, complete the Course Substitution form, have it signed by the dept. chair, and sent to the Registrar.

Highly Recommended course for the RES Certificate:

ELT 284- Motors Control

