Renewable Energy Systems - EET Option
2-Year A.A.S. Degree
(Wind/Hydro/Solar Power, Fuel Cell Technology, Industrial Power, etc.)
www.pcc.edu/programs/electronic-engineering
(Portland Community College 2015-2016 Catalog)
Total Credits Required: 107

Location: Portland Community College, Sylvania Campus      ST 202
Department Chair: Sanda Williams  sanda.williams@pcc.edu  971.722.4527
Student Advisor: Linda Browning   linda.browning@pcc.edu  971.722.8730

Program Prerequisites:
● Placement in MTH 111 and completion of WR 121
● Basic computer skills in the Windows™ operating system; email, internet research, word processing and spreadsheet skills

Note: All students must have an advising interview with an EET advisor.

First Term (EET courses offered Fall/Wint)
EET 101 Intro to Test Equip/Tools     1
EET 111 Electric Circuit Analysis I   5
EET 121 Digital Systems 1              4
EET 110 Intro to Renewable Energy    3
MTH 111 College Algebra               5

Total: 18

Fourth Term (EET courses offered Fall)
EET 221 Semiconductor Devices         5
EET 242 Microcontr and Emb Sys        4
PHY 201 General Physics               4
ELT 225 Advanced PLC                  2
General Education: Arts and Letters   3

Total: 18

Second Term (EET courses offered Wint/Spr)
EET 112 Electric Circuit Analysis II  5
EET 122 Digital Systems 2: Comp Sys   5
EET 188 Industrial Safety             1
MTH 112 Elementary Functions         5
ELT 125 Basic PLC                     2

Total: 18

Fifth Term (EET courses offered Wint)
EET 222 Op-Amp Circuits               5
EET 254 Seminar                       1
EET 241 Programming for Electronics   4
RES Electives                         3
PHY 202 General Physics               4

Total: 17

Third Term (EET courses offered Spr/Sum)
EET 113 Electrical Power              5
EET 123 Digital Systems 3: Mix-Sig Sys 5
EET 178 Comp Environ for Techs       5
ELT 126 Intermediate PLC             2

Total: 17

Sixth Term (EET courses offered Spr)
CMET 213 Fluid Mechanics              3
EET 223RF Communication               5
EET 256Electr Capst Project         OR
EET 280A CE: Electronic Eng. Tech    2
EET 272Motors and Motor Controls     3
EET 273Elec. Control Systems         3

Total: 16

Summer Term
General Ed: Social Science            3

Approved RES Electives: Wind Power-EET 269 (SY); Fuel Cells-EET 179 (SY); RET 122 (CGCC); Solar Mfg MT 101/102/104 (RC)

For more information please contact Linda Browning at linda.browning@pcc.edu  971.722.8730