Mechatronics/Automation/Robotics/ Engineering Technology - EET Option
2-Year A.A.S. Degree
www.pcc.edu/programs/robotics
(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)          Fourth Term (EET courses offered Fall)
EET 101 Intro to Test Equip/Tools                   EET 221 Semiconductor Devices
EET 111 Electric Circuit Analysis I                EET 242 Microcontr and Emb Sys
EET 121 Digital Systems 1                           PHY 201 General Physics
MTH 111 College Algebra                              MCH 121 Manufacturing Processes
       General Ed: Social Science
Total: 18                                              Total: 17

Second Term (EET courses offered Wint/Spr)          Fifth Term (EET courses offered Wint)
EET 112 Electric Circuit Analysis II                EET 222 Op – Amp Circuits
EET 122 Digital Systems 2: Comp Sys                 EET 241 Programming for Electronics
EET 188 Industrial Safety                           EET 225 Advanced PLC
ELT 125 Basic PLC                                    EET 254 Seminar
MTH 112 Elementary Functions                        PHY 202 General Physics
       Total: 18                                     Total: 16

Third/Spring Term (EET courses offered Spr/Sum)      Sixth Term (EET courses offered Spr)
EET 113 Electrical Power                             EET 223 RF Communications Circuits
EET 123 Digital Systems 3: Mix-Sig Sys              PHY 203 General Physics
EET 178 Comp Environ for Techs                      EET 273 Electronic Control Systems
ELT 126 Intermediate PLC                             EET 272 Motors and Motor Controls
       CMET 213 Fluid Mechanics
Total: 17                                              Total: 18

Summer Term
General Ed: Arts & Letters 3

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