

## Renewable Energy Systems - EET Option

A.A.S. Degree

[www.pcc.edu/programs/electronic-engineering](http://www.pcc.edu/programs/electronic-engineering)

(Portland Community College 2018-2019 Catalog)

**Location:** Portland Community College, Sylvania Campus ST 200

**Program prerequisites:**

- Placement in MTH 111 and completion of WR 121 - needed to start first year courses
- Basic computer skills in the Windows operating system, email, internet research, word processing and spreadsheets

**Program Total Credits Required: 103**

<b>First Term (EET courses offered F/W)</b>	<b>Credits</b>	<b>Fourth Term (EET courses offered Fall)</b>	<b>Credits</b>
EET 101A Electronic Lab Skills and Equipment 1	1	EET 221 Semiconductor Devices and Circuits	5
EET 111 Electrical Circuit Analysis I	5	EET 242 Microcontroller and Embedded Sys	4
EET 110 Introduction to Renewable Energy	3	EET 252 Electromechanical Systems Fund	3
EET 121 Digital Systems 1	4	General Ed: Arts&Letters	3
Math 111 College Algebra	5	EET 254 EET Seminar	1
<b>Total</b>	<b>18</b>	<b>Total</b>	<b>16</b>

<b>Second Term (EET courses offered W/Sp)</b>	<b>Credits</b>	<b>Fifth Term (EET courses offered Winter)</b>	<b>Credits</b>
EET 112 Electrical Circuit Analysis II	5	EET 222 Operational Amplifier Circuits	5
EET 122 Digital Systems 2: Computing Systems	5	RES Electives	4
Math 112 Elementary Functions	5	EET 241 Programming for Electronics	4
EET 188 Industrial Safety	1	EET 263 Electronic Control Systems 1	2
EET 101 B Electronic Lab Skills and Equipment 2	1	EET 256 A Capstone Project 1 OR	<b>2</b>
		EET 280A Cooperative Education: EET	
<b>Total</b>	<b>17</b>	<b>Total</b>	<b>17</b>

<b>Third Term (EET courses offered Sp/Su)</b>	<b>Credits</b>	<b>Sixth Term (EET courses offered Spring)</b>	<b>Credits</b>
EET 113 Electrical Power	5	EET 223 RF Communications Circuits	5
EET 123 Digital Sys 3: Mixed-Signal Systems	5	EET 273 Electronic Control Systems 2	3
General Ed: Social Science	3	EET 272 Motors and Motor Control	3
EET 178 Computing Environments for Techs	5	RES Electives	4
<b>Total</b>	<b>18</b>	EET 256 Capstone Project 2 OR	<b>2</b>
		EET 280A Cooperative Education: EET	
		<b>Total</b>	<b>17</b>

**RES Electives:**

ESR 141-Individual Sustainability (4cr)	BA 278 - Eco-Innovate Soc Entrepreneur (4cr)
ESR 140-Intro to Sustainability (4cr)	G 184 - Global Climate Change (4cr)
ENGR 262 Manufacturing Processes (4 cr)	MCH 291 (1 cr), MCH 292 (1.5 cr), MCH 294 (1.5 cr) , MCH 121 (4 cr)
MT 101/102/103/104 (1cr each)	

**Please see second page for EET department advising areas**

## EET Department Advising

Name Title	Contact Information @pcc.edu	Area of Advising
Sanda Williams, EET Faculty Department Chair	<a href="mailto:sanda.williams@pcc.edu">sanda.williams@pcc.edu</a>  <a href="tel:971-722-4527">971-722-4527</a>	Credit transfer evaluations (foreign and domestic)  Course substitution  Course Challenge  Non Traditional credit evaluation (military, industrial training, etc.)  Course schedule issues  Any other EET department affairs
Linda Browning, Student Advisor, Engineering Technology	<a href="mailto:linda.browning@pcc.edu">linda.browning@pcc.edu</a>  <a href="tel:971-722-8730">971-722-8730</a>	Student resource advising  Course prerequisites overrides when meeting the prereqs Class capacity overrides after class capacity increase has been approved by the department chair If Linda is not available contact the course instructor and if none are available contact the department chair
George Knox, Co-op education coordinator, Jobs & Internship assistance specialist	<a href="mailto:gknox@pcc.edu">gknox@pcc.edu</a>  <a href="tel:971-722-4475">971-722-4475</a>	Co-op course preparation (EET 280A and EET 280C) - Info about the EET 280C here: <a href="http://spot.pcc.edu/jobs/bmet/">http://spot.pcc.edu/jobs/bmet/</a>  Co-op Information Sessions  Jobs and internships assistance
Chuck Fenning, EET PT Faculty (Biomed classes instructor – EET 260/261/280C)	chuck.fenning	Biomed co-op instructor (EET 280C) and Biomed Instructor for EET 260/261
EET Course Instructors	<a href="http://www.pcc.edu/programs/electronic-engineering/faculty.html">www.pcc.edu/programs/electronic-engineering/faculty.html</a>	Course related issues/questions Course prerequisites overrides Class capacity overrides after class capacity increase has been approved by the department chair. If the course instructors are not available contact Linda. If none are available contact the department chair.