

Developmental Studies Courses
(no credits awarded for these courses)

Put a check in the box to the left of those developmental courses which are needed. The blank is for indicating the semester in which you plan to take the course.

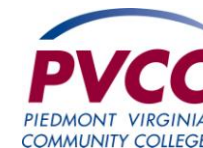
- _____ ESL 12 English as a Second Language: Composition I
- _____ ESL 13 English as a Second Language: Composition I
- _____ ENG 1 Preparing for College Writing I
- _____ ENG 3 Preparing for College Writing II
- _____ ENG 4 Reading Improvement I
- _____ ENG 5 Reading Improvement II
- _____ NAS 2 Foundations of Life Science
- _____ MTH 2 Arithmetic
- _____ BSK 6 Pre-Algebra
- _____ BSK 8 Algebra 1A
- _____ BSK 9 Algebra 1B
- _____ MTH 4 Algebra II
- _____ Other _____

ELECTRONICS and COMPUTER TECHNOLOGY

Associate of Applied Science
981

(NOT designed as a Transfer Program)

Chuck Bohleke, Dean
Business, Mathematics and
Technologies Division
Room M268, 434.961.5347
bmt@pvcc.edu



Student Name (print)

Student ID Number

Admission Requirements: Admission to the College. There are no additional admission requirements for this program.

Admission Process: Students must select Electronics and Computer Technology Career Studies Certificate as their program of study on the College's web application. If currently enrolled in a program of study, students are required to meet with an advisor to change their curriculum of study. Students are strongly encouraged to meet with an advisor each semester.

First Year

Fall Semester	Credits	Planned	Completed	Spring Semester	Credits	Planned	Completed
ENG 111 College Composition I	3	_____	_____	ENG 112 College Composition II	3	_____	_____
ETR 113 DC and AC Fundamentals I	4	_____	_____	HLT/PED Health or Physical Ed Elective	2	_____	_____
CSC 110 Introduction to Computing	3	_____	_____	ETR 280 Intro to Digital Logic Circuits and Computers	4	_____	_____
MTH 115 Technical Mathematics I ¹	3	_____	_____	ETR 203 Electronic Devices I	4	_____	_____
_____ Social Science Elective ²	3	_____	_____	_____ Technical Elective ³	3-4	_____	_____
SDV 100/101/108 Orientation	1	_____	_____				
Total Credits	17			Total Credits	16-17		

Second Year

Fall Semester	Credits	Planned	Completed	Spring Semester	Credits	Planned	Completed
ETR 164 Upgrading & Maintaining PCs	3	_____	_____	_____ Internship ⁴ or Technical Elective ³	3-4	_____	_____
ETR 204 Electronic Devices II	4	_____	_____	ETR 241 Electronic Communications I	3	_____	_____
ETR 263 Microprocessor Applications	4	_____	_____	_____ Humanities Elective ^{2,5}	3	_____	_____
_____ Technical Elective ³	3-4	_____	_____	ETR 149 PC Repair	3	_____	_____
_____ Social Science Elective ²	3	_____	_____	ETR 298 Seminar and Project (Capstone)	3	_____	_____
Total Credits	17-18			Total Credits	15-16		

Total Minimum Credits: 65

¹Students may substitute a higher-level math course to include: MTH 163, MTH 164, or MTH 173.

²Lists of courses that fulfill the requirement for Humanities Elective and Social Science Elective can be found on PVCC's Web site (http://www.pvcc.edu/docs/approved_electives.pdf).

³Approved Technical Elective:

Electronics

ETR 150 Machine Control Using Relay and Programmable Logic

Engineering

EGR 115 Engineering Graphics

EGR 251/255 Basic Electrical Circuits I and Lab

Operating Systems/Networking

ITN 101 Introduction to Network Concepts (Network+)

ITN 106 Microcomputer Operating Systems

ITN 120 Wireless—Network Administration

ITN 151 Introductory Routing and Switching – Cisco

ITN 260 Network Security Basics (Security+)

Programming

ITP 120 JAVA Programming I

ITP 132 C++ Programming I (or EGR 126)

Mathematics

MTH 163 Precalculus I

MTH 164 Precalculus II

MTH 173 Calculus with Analytical Geometry I

⁴Approved Internship:

ETR 290 Internship

ITD 290 Internship

ITE 290 Internship

ITN 290 Internship

ITP 290 Internship

⁵Introductory (101 or 102 level) foreign language courses will not meet the humanities elective requirement for this program.