

**Developmental Studies Courses**

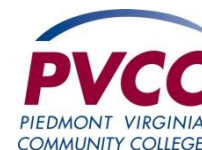
(no credits awarded for these courses)

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.

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

**ENGINEERING****Associate of Science****831****(Transfer Program)**

**Chuck Bohleke, Dean  
Business, Mathematics  
and Technologies Division**

**Room M268, 434.961.5347****[bmt@pvcc.edu](mailto: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 Engineering AS 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				Spring Semester			
	Credits	Planned	Completed		Credits	Planned	Completed
CHM 111 College Chemistry I	4	_____	_____	EGR 115 Engineering Graphics	3	_____	_____
CSC 110 Introduction to Computing	3	_____	_____	ECO 201 Principles of Macroeconomics or <a href="#">Social Sciences Elective</a> <sup>1</sup>	3	_____	_____
EGR 120 Introduction to Engineering	2	_____	_____	HLT/PED Health or Physical Ed Elective	1	_____	_____
ENG 111 College Composition I	3	_____	_____	_____ <a href="#">Humanities Elective</a> <sup>1,2</sup>	3	_____	_____
MTH 173 Calculus with Analytic Geometry I	5	_____	_____	ENG 112 College Composition II	3	_____	_____
SDV 100/101/108 Orientation	<u>1</u>	_____	_____	MTH 174 Calculus with Analytic Geometry II	<u>5</u>	_____	_____
<b>Total Credits</b>	<b>18</b>			<b>Total Credits</b>	<b>18</b>		

**Second Year**

Fall Semester				Spring Semester			
	Credits	Planned	Completed		Credits	Planned	Completed
MTH 277 Vector Calculus	4	_____	_____	_____ Engineering Elective/ Technical Elective <sup>3,4</sup>	3-4	_____	_____
PHY 241 University Physics I	4	_____	_____	EGR _____ Engineering Elective <sup>3</sup>	3	_____	_____
EGR 126 Computer Programming for Engineers or CSC 201 Computer Science I	3	_____	_____	HLT/PED Health or Physical Ed Elective	1	_____	_____
EGR 240 Solid Mechanics (Statics)	3	_____	_____	_____ <a href="#">Humanities Elective</a> <sup>1,2</sup>	3	_____	_____
EGR _____ Engineering Elective <sup>3</sup>	<u>3-4</u>	_____	_____	PHY 242 University Physics II	4	_____	_____
<b>Total Credits</b>	<b>17-18</b>			_____ <a href="#">Social Science Elective</a> <sup>1</sup>	<u>3</u>	_____	_____
				<b>Total Credits</b>	<b>17-18</b>		

**Total Minimum Credits: 70<sup>5</sup>**

<sup>1</sup>Lists 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](http://www.pvcc.edu/docs/approved_electives.pdf)).

<sup>2</sup>To meet the humanities elective requirement for this program, no more than one introductory foreign language course (101 or 102 level) may be used.

<sup>3</sup>Engineering Elective: Students should choose from the following list of courses but should check with the intended transfer college or university to ensure that the courses will transfer.

EGR 245 Engineering Mechanics-Dynamics

EGR 246/247 Mechanics of Materials

EGR 251/255 Basic Electric Circuits

EGR 277/278 Digital Logic

<sup>4</sup>Technical Elective: Students are advised to choose from the following list of courses but should check with the intended transfer institution to ensure that the courses will transfer.

CHM 112 College Chemistry II

CSC 201 Computer Science I

MTH 279 Ordinary Differential Equations

<sup>5</sup>The Bachelor of Science degree in engineering at most four-year institutions will require specific engineering and technical electives at the freshman and sophomore level. Students should consult with the engineering program liaison or engineering advisor at the earliest possible date to acquaint themselves with the requirements of the engineering program of the intended transfer college or university. Student choice should be based on the requirements of four-year college or university to which student plans on transferring.

**Although a course fulfills a requirement for a PVCC program, it is possible the course will not fulfill a requirement at a four-year institution. Students who plan to transfer need to be aware of the four-year institution's requirements.**