

# Electronic Technology

\*\*\*Effective Fall 2013\*\*\*

Certificate #4310 (32 credits)

Technology Division NAME: \_\_\_\_\_ Advisor: \_\_\_\_\_



## Developmental Courses as determined through College Placement Testing\*:

\* Please note: 0-level courses do not transfer and do not count toward graduation requirements; however, they are required to enter college level courses if needed based on placement scores..

**English as Second Language**  
 \_\_\_ Any ENGL ESL classes\*  
**Reading Comprehension**  
 \_\_\_ ENGL 001\*  
 \_\_\_ ENGL 002\*  
 \_\_\_ ENGL 003\*  
**Writing Fundamentals**  
 \_\_\_ ENGL 050\*  
 \_\_\_ ENGL 051\*  
**Freshman Year Exp.**  
 \_\_\_ Dept. FYE

**Math Testing Prior to 4/16**  
 \_\_\_ FS 107(option)  
 \_\_\_ MATH 010\*  
 \_\_\_ MATH 020\*  
 \_\_\_ MATH 051\*

**Math Testing AFTER 4/16**  
 \_\_\_ FS 107(option) \_\_\_ MATH 033\*  
 \_\_\_ MATH 008\* \_\_\_ MATH 044\*  
 \_\_\_ MATH 022\* \_\_\_ MATH 055\*

### Requirements:

<u>SUBJECT NUMBER</u>	<u>DESCRIPTION</u>	<u>PRE or CO-REQUISITE</u>	<u>CREDITS</u>
<b>First Semester</b>			
___ ELEC 100	Fundamentals of Electricity and Electronics	Co: MATH 051	1
___ ELEC 101 <sup>2</sup>	Equipment Utilization	Co: ELEC 100, ENGR 102	1
___ ELEC 125 <sup>1</sup>	Introduction to PC Technology		3
___ ENGR 102	Engineering & Engr. Tech. Orientation	Pre: Eligibility for enrollment in ENGL 101	2
___ MATH 103	College Algebra	Pre: Math 051 or 055	3
	<b>Total Credits</b>		<b>10</b>
<b>Second Semester</b>			
___ ELEC 111	AC/DC Circuits I	Pre: ELEC 101 Co: MATH 103	4
___ ELEC 126 or	Troubleshooting PCs	Pre: ELEC 125	4
___ ELEC 211	AC/DC Circuits II	Pre: ELEC 111 Co: MATH 104	
___ MATH 104	Trigonometry	Pre: MATH 103	3
	<b>Total Credits</b>		<b>11</b>
<b>Third Semester</b>			
___ ELEC 106	Fundamentals of Electronics	Pre: ELEC 111	4
___ ELEC 108	Applied Digital Electronics	Pre: ELEC 100 Co: MATH 051	3
	<b>Total Credits</b>		<b>7</b>
<b>Fourth Semester</b>			
___ ELEC 213 or	Digital Electronics	Pre: ELEC 108 Co: MATH 103	4
___ ELEC 203	Electronic Circuit Design	Pre: ELEC 106 and ELEC 211	
	<b>Total Credits</b>		<b>4</b>
	<b>Total Program Credits</b>		<b>32</b>

### Program Notes:

1. There is no prerequisite for this course, however CIS 105 may help if you are not well-versed at MS OFFICE.
2. ELEC 101 official co-req. is GTEC 111 and ELEC 100. However GTEC 111 has been eliminated and replaced with ENGR 102. The official change has not taken place as of yet through the academic house so a student will need a pre-req. override from a teaching faculty member / faculty counselor or professional advisor in order for a student to officially enroll.

### Program Contact Information:

Faculty Advisor: Bill Forney 736-4202 Ext 214202 [wforney@hacc.edu](mailto:wforney@hacc.edu) Midtown II Room 301 C Academic Advisor:

Samantha Shoup slshoup@hacc.edu (801-3260 Ext. 513260 –York Campus, RM 102C)

Harrisburg Campus: Counseling and Advising Midtown 2 Center (717-736-4205)

Faculty Counselor: Jennifer Alleman jlallema@hacc.edu (358-2973 Ext. 312973 –Lancaster Campus, RM 221)

Faculty Counselor: Ann Burris amburris@hacc.edu (270-6319 –Lebanon Campus, D104H)

Gettysburg Campus: Counseling & Advising (337-3855 Ext. 113001)

Students are encouraged to see their faculty advisor  
 To develop and review their individual educational plans.