



AAS 4750 Electrical Technology
Effective Fall 2018

60 Credits

This is an overview of the program. Any suggested course sequencing is meant to serve as a guideline for your semester planning. Students are expected to see your assigned advisor to develop and review their individual educational plans. The scheduling of courses, program sequencing and curriculum are subject to change.

Developmental Courses (as determined through College Placement Testing)* and Prerequisites:
 * Zero level courses must be completed with a C grade or higher.

<input type="checkbox"/>	ESL classes	<input type="checkbox"/>	Engl 050				
<input type="checkbox"/>	Engl 002	<input type="checkbox"/>	Engl 051				
<input type="checkbox"/>	Engl 003	<input type="checkbox"/>	Engl 057				
<input type="checkbox"/>	Engl 007						
<input type="checkbox"/>	FS 100/103						

*See counselor/advisor to discuss this course or options to self-remediate and successfully place into higher- or college-level course.

General Education Courses		
ENGL 110	3cr	Prerequisites: Completion of ENGL 003 and 051 or 057 with a C or higher.
COMM 101	3cr	Prerequisites: Eligibility for ENGL 101
Hum & Arts	3cr	Any Core A
Social/Behavioral	3cr	Select from the following: ANTH 201 or 205, COMM 253, GEOG 201 or 230, HIST 102, PSYC 229, SOCI 202 or 203
Math or Science	3cr	Any Core C
Wellness	1cr	See Catalog for a list of Wellness Courses
First Year Seminar	1cr	

Required Program Courses			
ELOC 153	4cr	Fundamentals of Electricity	Prerequisites: None
ELOC 157	4cr	Electrical Wiring I	Corequisites: ELOC 153
ELOC 163	4cr	Electrical Wiring II	Prerequisites: ELOC 157
ELOC 169	3cr	Low Voltage Cabling	Prerequisites: ELOC 153
ELOC 171	2cr	Electric Service	Prerequisites: ELOC 163
ELOC 172	2cr	National Electrical Code	Prerequisites: None
ELOC 175	3cr	Electrical System Troubleshooting	Prerequisites: ELOC 153
GTEC 101	3cr	Safety: OSHA 30 & NFPA 70E	Prerequisites: None
GTEC 105	1cr	Customer Service	Prerequisites: None
IA 201	4cr	Motors and Controls I	Prerequisites: ELOC 153
Program Electives	13cr	Select additional courses from the following disciplines: ELOC, GTEC, HVAC, HBR, IA, WELD, INTN 291	Prerequisites: Dependent upon course(s) selected. See HACC catalog for course prerequisites.

Advising Notes
 Electrical courses are offered day and evening. The entire certificate can be completed at the Harrisburg and York Campus locations. Program courses are not offered every semester. Some courses are only offered Fall or Spring. Please check with a full time Electrical instructor or advisor for up-coming term course offerings.

Recommended Sequence For Full-Time Students

Part-time students can complete this program by taking one or more courses each semester.

Fall Semester I		Spring Semester I		Fall Semester II		Spring Semester II	
ENGL 110	3	ELOC 157	4	COMM 101	3	ELOC 175	3
ELOC 153	4	ELOC 163	4	ELOC 171	2	IA 201	4
ELOC 172	2	ELOC 169	3	Hum. & Arts Elec.	3	Math/Science Elective	3
GTEC 101	3	Program Electives	5	Program Electives	8	Wellness	1
GTEC 105	1					Social/Behavioral Sci.	3
FYS ELEC	1						

Counselor/Advisor Contact Information by Campus:

<u>Gettysburg</u>	<u>Harrisburg</u>	<u>Lancaster</u>	<u>Lebanon</u>	<u>York</u>
Student Services	Counseling and Advising	Counseling and Advising	Receptionist Desk	Counseling and Advising
Lobby	Cooper 219	221 Main	Lobby	Leader Suite 104
717-337-3855	717-780-2498	717-358-2988	717-270-4222	717-801-3213