

Associate of Applied Science Academic Degree Map

Electrical Powerline Technology Support Specialist 2025-2026

This is a suggested sequence of classes based on the average student load and course prerequisites. Not all courses are offered every semester. For specific discipline electives, please refer to the page labeled “Systemwide General Education Program” following the degree requirements in the PCC Catalog. The courses approved for the AAS Institutionally Designated options are listed in the AAS degree requirements. Milestones, courses, and special requirements necessary for timely progress to complete a major are designated to keep you on track to graduate in two years. Missing any of these could delay your program. Consult with your advisor for more information. ***Due to program rigor, it is strongly suggested that students complete the general education requirements prior to entering the Electrical Powerline Technology Program.***

*Corequisite Course (if needed, must be taken with college level required course)		
(ENG098 +ENG176), (MTH056 +MTH176), (MTH078 +MTH178), (MTH081 + MTH181)		
ENG098	Support for English Composition I	2 cr hrs
MTH056	Support for Contemporary Math	2 cr hrs
MTH078	Support for College Algebra	2 cr hrs
MTH081	Support for Elementary Statistics	2 cr hrs

1ST SEMESTER			2ND SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
EPD124 Electrical Theory	3		EPD126 Underground Systems	3	
EPD131 System Design, Construction & Maintenance	3		EPD150 Electrical Essentials	3	
EPD236 Industrial Safety & Relations	3		EPD251 Transformers & Metering	3	
EPD250 Substations and Switchyards	3		EPD155 Powerline Troubleshooting	3	
EPD119 Leadership Fundamentals	2		MTH126 Technical Math or higher	3	
EPD130 CDL Prep	3		*AAS Institutionally Designated	2	
ENG135 Writing for the Workplace or ENG176 English Comp I	3		BUS237 Business Management	3	
BUS235 Microcomputer Office Applications I	3	Required from the AAS Institutionally Designated bucket			
TOTAL	23		TOTAL	20	
Summer Semester					
Course	Hrs	Milestones/Notes			
EPD221 Occup. Work Experience	4	Must be taken the summer following 2nd semester.			
TOTAL	4				
3rd SEMESTER			4th SEMESTER		
Course	Hrs	Milestones/Notes	Course	Hrs	Milestones/Notes
EPD146 Support Specialist Lab I	6	EPD221 prereq	EPD 148 Support Specialist Lab II	6	
COM106 or COM130 or COM131 or COM276	3	COM130 recommended	Social & Behavioral Sciences or Arts & Humanities	3	
TOTAL	9		TOTAL	9	
Degree Total: 65					

Effective Fall 2025