

Electric Power & Distribution Academic Degree Map

Certificate C



Year 1 – Spring Semester			
Course Code	Course Title	Credits	Notes
EPD 101	OSHA 10	1	
EPD 103	Basic Electricity	1	
EPD 105	Climbing Skills	4	Prerequisite(s): CDL Required.
EPD 110	Pole Framing and Construction Specs	4	Prerequisite(s): CDL Required.
EPD 120	Equipment Operation	3	Prerequisite(s): CDL Required.
EPD 125	Setting and Replacing Poles	1	Prerequisite(s): CDL Required.
EPD 1376	Basic Transformer Theory & Install	6	Prerequisite(s): CDL Required.
EMP 1901	Global Employment Standards	1	
CREDIT HOURS SUBTOTAL		21	
Year 1 – Summer Semester			
Course Code	Course Title	Credits	Notes
EPD 199	Utility Internship	8	Prerequisite(s): Must have a grade of C or higher in EPD 101, 103, 105, 110, 120, 125, and 1376, and permission of instructor.
CREDIT HOURS SUBTOTAL		8	
Year 2 – Fall Semester			
Course Code	Course Title	Credits	Notes
EPD 140	Service Installation and Metering	4	Prerequisite(s): Satisfactory completion of EPD 199
EPD 145	Conductor Installation and Repair	4	Prerequisite(s): Completion of EPD 199 with a grade of C or higher
EPD 150	Rubber Glove and Hot Stick Methods	3	Prerequisite(s): Completion of EPD 199 with a grade of C or higher
EPD 160	Underground Distribution	3	Prerequisite(s): Completion of EPD 199 with a grade of C or higher
EPD 170	Fusing and System Coordination	1	Prerequisite(s): Completion of EPD 199 with a grade of C or higher
EPD 180	Substations and Voltage Regulation	4	Prerequisite(s): Completion of EPD 199 with a grade of C or higher
	Math Option ¹	3	Based upon placement testing requirements.
CREDIT HOURS SUBTOTAL		22	
TOTAL HOURS IN PROGRAM: 51			

Math Options¹			
Course Code	Course Title	Credit Hours	Notes
MAT 101	Technical Mathematics I	3	Prerequisite(s): Meet placement guidelines.
MAT 108	Beginning Algebra	3	
MAT 109	Technical Mathematics II	3	Prerequisite(s): Meet placement guidelines OR MAT 101 with a grade of "C" or higher OR MAT 108 with a grade of "C" or higher.
MAT 110	Intermediate Algebra	3	Prerequisite(s): Meet placement guidelines MAT 108 Beginning Algebra with a grade of "C" or higher.
MAT 135	College Algebra	3	Prerequisite(s): Meet Placement Guidelines OR MAT 109 with a grade of "C" or better OR MAT 110 with a grade of "C" or better.