

Electric Power & Distribution Academic Degree Map

Associate of Applied Science



Year 1 – Fall Semester			
Course Code	Course Title	Credits	Notes
	Math Option ¹	3	Based upon placement testing requirements.
	English Option ²	3	Based upon placement testing requirements.
	General Education Elective ³	3	Recommended general education elective.
	General Education Elective ³	3	Recommended general education elective.
	General Education Elective ³	3	Recommended general education elective.
CREDIT HOURS SUBTOTAL		15	
Year 1 – Spring Semester			
Course Code	Course Title	Credits	Notes
EPD 101	OSHA 10	1	
ALH 005	AHA First Aid/CPR/AED (6 Clock Hours)	0	
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
CREDIT HOURS SUBTOTAL		19	
TOTAL HOURS IN PROGRAM: 63			

Math Options¹			
Course Code	Course Title	Credit Hours	Notes
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.

English Options²			
Course Code	Course Title	Credit Hours	Notes
COM 110	Technical Writing	3	Prerequisite(s): Meet placement guidelines.
COM 105	English Composition I	3	Prerequisite(s): Meet placement guidelines.
COM 106	English Composition II	3	. Prerequisite(s): COM 105 with a grade of "C" or higher.

General Education Elective Options³			
Course Code	Course Title	Credit Hours	Notes
COM 115	Public Speaking	3	
COM 116	Interpersonal Communications	3	Prerequisite(s): Meet placement guidelines.
HIS 106	U.S. History Since 1877	3	
HIS 105	U.S. History to 1877	3	
NTR 105	Nutrition	3	
POL 105	American Government	3	
PSY 100	General Psychology	3	
PSY 125	Human Growth & Development	3	
SOC 100	Intro to Sociology	3	
BSC 110	Biology	5	
BSC 125	Anatomy & Physiology	5	Prerequisite(s): BSC 110 with a "C" or higher or High School Anatomy & Physiology within five years with a "C" or higher and permission of instructor.
BSC 205	Microbiology	5	Prerequisite(s): BSC 110 with a "C" or higher or permission of instructor.
CHM 105	Intro to Chemistry -- KRSN CHM1030	5	Prerequisite(s): High school Algebra with "C" or higher.
CHM 110	Chemistry I--KRSN CHM1010	5	Prerequisite(s): Secondary or Post-secondary General Chemistry or Physical Science and Algebra within 5 years with grades of C or higher.
MAT 145	Elementary Statistics	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.
MAT 155	Trigonometry	3	Prerequisite(s): MAT 135 College Algebra with a grade of "C" or higher.
MAT 101	Technical Mathematics I	3	Prerequisite(s): Meet placement guidelines.
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.
COM 110	Technical Writing	3	Prerequisite(s): Meet placement guidelines.
PHY 100	General Physics	3	Prerequisite(s): Intermediate algebra.
COM 106	English Composition II	3	Prerequisite(s): COM 105 with a grade of C or higher.
CIS 100	Software Applications	3	