

***ELECTRICAL DISTRIBUTION SYSTEMS* ASSOCIATE IN APPLIED SCIENCE DEGREE (EDS D166)**

✓ FCC	LTC	OCC	WVC
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The Electrical Distribution Systems Technology degree program prepares individuals to build, repair, and maintain both overhead and underground electrical distribution systems, all while emphasizing safe work practices and critical thinking. Students will learn to climb wooden pole structures, operate equipment, and perform pole-top rescues. Program completers will also graduate with a Class A CDL and Chemical Applicator and Flagger certifications. The program offers both certificate and degree options.

First Semester Credit Hours 17.5

EDS 1201	Electrical Distribution Systems	2
EDS 1202	Safety & Accident Prevention	3
EDS 1203	Climbing Skills	2
EDS 1204	Pole Framing & Const. Specs.	3
EDS 1210	Flagging and Traffic Control	0.5
TRK 1201	Truck Driving I	7

Second Semester Credit Hours 15

AGR 1215	Ag Chem Applicator	V2
EDS 1205	Equipment Operation	3
EDS 1206	Setting and Replacing Poles	2
EDS 2201	Transformer Theory & Install.	5
MTH 1201	Technical Mathematics ¹ OR Math Gen Ed Elective ¹	V3

Summer Semester Credit Hours 0.5

EDS 2208	EDS Internship	V.5
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Third Semester Credit Hours 17

EDS 2202	Conductor Install, Serv. & Meter	V4
EDS 2203	Rubber Glov. & Undergrnd. Distrib.	4
EDS 2206	Residential/Commercial Wiring	3
ENG 1201	Communications ¹ OR English Gen Ed Elective ¹ Social Science Gen Ed Elective ^{1*}	3

Fourth Semester Credit Hours 15

EDS 2204	Fusing, Substation & Volt. Reg	3
EDS 2207	Distribution Systems Maintenance	4
GEN 2297	Employment Skills ¹	V1
PHY 1111	Technical Physics I ¹	4
SPE 1111	Interpersonal Communications ¹ OR SPE 1101 Fundamentals of Effective Speaking ¹	3

Total Credit Hours 65

¹General Education Hours (17)

*Course must satisfy the IECC human diversity requirement.

***ELECTRICAL DISTRIBUTION SYSTEMS* CERTIFICATE (EDS C266)**

This program is a stackable credential within the Electrical Distribution Systems Technology degree program. Students successfully completing this certificate may finish the Associate in Applied Science Degree by completing additional coursework.

First Semester Credit Hours 15.5

AGR 1215	Ag Chem Applicator	V.5
EDS 1201	Electrical Distribution Systems	2
EDS 1202	Safety & Accident Prevention	3
EDS 1203	Climbing Skills	2
EDS 1204	Pole Framing and Const. Specs.	3
EDS 1205	Equipment Operation	3
EDS 1206	Setting and Replacing Poles	2

Second Semester Credit Hours 17.5

EDS 1210	Flagging and Traffic Control	0.5
EDS 2201	Transformer Theory and Install.	5
EDS 2202	Conductor Install, Serv. & Meter	V4
EDS 2203	Rubber Glov. & Undergrnd. Distrib.	4
EDS 2204	Fusing, Substation & Volt. Reg.	3
GEN 2297	Employment Skills	V1

Third Semester Credit Hours 7

TRK 1201	Truck Driving I	7
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Total Credit Hours 40