



UTILITY LINEMAN SPECIALIZATION

Electronics and Advanced Technologies

Associate of Applied Science Degree				
Semester I				Credit
+	MATH	1314	College Algebra	3
+	CETT	1403	DC Circuits	4
	ELMT	2472	Elements of Electrical Power Systems	4
+	ELMT	1371	Industrial Safety	3

				14
Semester II				
+	CETT	1405	AC Circuits	4
	ELPT	1271	National Electrical Safety Code	2
+	CETT	1425	Digital Fundamentals	4
			Social/Behavioral Science Elective ¹	3
	ENGL	1301	English Composition I	3

				16
Semester III				
	LNWK	1241	Distribution Operations	2
	LNWK	1211	Climbing Skills	2
+	CETT	1425	Solid State Devices	4
+	PHYS	1401	General College Physics	4
	COSC	1315	Fundamentals of Programming	3

				15
Semester IV				
+	LNWK	2271	Principles of Power Transmission	2
+	LNWK	2272	Climbing Skills II	2
+	ELMT	2441	Electromechanical Systems	4
+	INTC	2471	Data Acquisition and Measurement	4
			Oral Communication Elective ¹	3

				15
Semester V				
	ELPT	2371	Principles of Switching and Metering	3
	ELMT	2473	Electrical, Electronic, and Fluid Schematics	3
	ELPT	2171	Smart Grid Technology	1
			Humanities/Fine Arts Elective ¹	3
+	EECT	2188	Internship	1

				12
TOTAL CREDIT HRS.				72

Certificate				
Semester I				Credit
+	MATH	1314	College Algebra	3
+	CETT	1403	DC Circuits	4
	ELMT	2472	Elements of Electrical Power Systems	4
	ELMT	1371	Industrial Safety	3

				14
Semester II				
+	CETT	1405	AC Circuits	4
	ELPT	1271	National Electrical Safety Code	2
	LNWK	1241	Distribution Operations	2
	LNWK	1211	Climbing Skills	2

				10
Semester III				
+	ELMT	2441	Electromechanical Systems	4
+#	ELMT	2473	Electrical, Electronic, and Fluid Schematics	4
+	LNWK	2272	Climbing Skills II	2
	ELPT	2371	Principles of Switching and Metering	3
+	LNWK	2271	Principles of Power Transmission	2
+	EECT	2188	Internship	1

				16
TOTAL CREDIT HRS.				40

For acceptance into the program, applicants must first contact Vidal Almanza at 512.223.6404 or Ed Ardizoni at 512.223.7525

Commercial Driver License (Class A) will be required to get a job as utility lineman. Continuing Education offers this course. Contact Rich Hidalgo at 888-569-8530 or 512-223-7340

+ Prerequisite: See Course Descriptions

Capstone Course

¹Select from the appropriate section of the General Education Course List