

The Electrical Trades Certificate equips students with the fundamental skills and knowledge required for entry-level positions in the electrical industry. The program focuses on core electrical concepts, hands-on applications, and safety standards essential for residential and commercial electrical work. Through a combination of classroom instruction and practical lab experience, students will develop proficiency in electrical math, wiring techniques, and electrical theory.

Fall	Course	Credits
	ELTR 1120: Electrical Theory I (1 st 8 weeks)	3
	ELTR 1015 Electrical Math I (1 st 8 weeks)	4
	ELTR 1220: Intro to Wiring Lab (2 nd 8 weeks)	3
	ELTR 1215: Blueprint Reading I (2 nd 8 weeks)	3
Spring	Course	Credits
	ELTR 1147: Electrical System Fundamentals (1 st 8 weeks)	3
	ELTR 1150: Applied Industrial Electricity I (1 st 8 weeks)	4
	ELTR 1210: Electrical Theory II (2 nd 8 weeks)	4
	ELTR 1115 National Electric Code (2 nd 8 weeks)	3
Summer	Course	Credits
	Choose from CNST 2996 (Topics) or ELTR 1996 (Topics)	3

Total Program Credit Hours = 30



Career and Educational Advancement Opportunities

The Certificate in Electrical Trades is designed for students who would like to obtain a certificate or plan to continue on to obtain a higher degree, or for students seeking qualification for entry level work in the Electrical trades.



New Mexico data taken from [O*Net Online](#) United States Department of Labor database. Wages reflect annual income and are rounded to the nearest thousand dollars. Income and are rounded to the nearest thousand dollars.



For questions or to schedule a time to meet with an Advisor/Academic Success Coach about this program contact: Advisement at 505.925-8907. Map Current as of the 2026-2027 Academic Year.

Electrician
\$36K-\$86K