

Electrician Certificate

Full-Time Fall Start

www.pima.edu/electrician-cert

Learn to install, operate, maintain, and repair electric apparatus and systems such as residential, commercial, and industrial electric-power wiring.

Title IV Financial Aid eligible: Yes

What can I do with this certificate?

Career options: Apply for entry-level electrician positions in building and construction trades.

Academic options: Continue your studies toward a Building and Construction Technologies AAS degree

CHOOSE YOUR COURSES WITH YOUR COLLEGE ADVISOR

Placement

Students must meet prerequisite standards before taking GTM 105 and GTW 101, required in the pathway below. If you are not prepared for the courses based on placement results you will need to take courses to build your skills prior to taking them. The sequence of courses follows.

Math: ICS 081 > GTM 105

If a MAT course higher than MAT 106 is chosen, and/or if WRT 101 or 154 is chosen, additional coursework may be needed

Semester Pathway

This pathway is a suggested sequence of courses for your program of study. Work with an advisor to develop a unique pathway for you based on your placement recommendations, any prior college courses, and your specific situation.

Semester 1 - Fall (Semester Total: 13 credits)

BCT 105: Professionalism in Service, Construction Math, Basic Rigging (3 credits)

BCT 107: Basic Safety, Hand and Power Tools, Blueprint Reading (3 credits)

GTM 105: Applied Technical Mathematics (3 credits)
or MAT course numbered 100 or higher: (3 credits)

STU 100: College Study Skills (1 credit)

GTW 101: Writing for Trades and Technical Occupations (3 credits)
or **WRT 101:** English Composition I (3 credits)
or **WRT 154:** Career Communications (3 credits)

Semester 2 - Spring (Semester Total: 12 credits)

BCT 120: Blueprint Reading for Construction (3 credits)

BCT 135: National Electrical Code Residential Wiring Applications (4 credits)

BCT 172: Electrical I (4 credits)

CSA 100: Computer Literacy (1 credit)

Semester 3 - Summer (Semester Total: 8 credits)

BCT 173: Electrical II (4 credits)

BCT 174: Electrical III (4 credits)

PROGRAM TOTAL: 33 credits

Program/Major Codes: **CRTELE/ELE1**

Find more information about this program at:
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