

# Applied Technology Energy Technology Level II (Advanced) Certificate

Full-Time, Fall Start

[www.pima.edu/energytech-adv-cert](http://www.pima.edu/energytech-adv-cert)

In this program, you will learn the core electrical and natural gas skills required to expand your options for securing employment in the utility and related industries.

Title IV Financial Aid eligible: Yes

## What can I do with this certificate?

Career options: Apply for employment with a utility company as a First Line Supervisor of Mechanics, Installers or Repairers; or Electrical Power-Line Installers and Repairers.

### CHOOSE YOUR COURSES WITH YOUR COLLEGE ADVISOR

## Placement

Students must meet prerequisite standards before taking GTM 105, required in the pathway below. If you are not prepared for the course 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 or MAT 089 through Mod 15 > GTM 105

## 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.

### Fall 1 (Semester Total: 16 credits)

**AIT 125:** Electrical Systems I (3 credits)

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

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

**BCT 110:** OSHA 10 for the Construction Industry (1 credit)

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

**ICT 100:** Energy Industry Fundamentals (3 credits)

### Spring 1 (Semester Total: 16 credits)

**EUT 103:** Generation Steam Systems (3 credits)

**EUT 104:** Overhead and Underground Systems, Hardware, and Equipment (4 credits)

**EUT 106:** Measuring Electricity (3 credits)

**ICT 101:** Introduction to the Natural Gas Industry (3 credits)

**ICT 103:** Natural Gas Pipe Joiner (3 credits)

**PROGRAM TOTAL: 32 credits**

Program/Major/Concentration Codes: **CRTENA/ENA**

Find more information about this program at:  
[www.pima.edu/energytech-adv-cert](http://www.pima.edu/energytech-adv-cert)