

# Automated Industrial Technology Level II Certificate

Full-Time Fall Start

[www.pima.edu/industrial-tech-2-cert](http://www.pima.edu/industrial-tech-2-cert)

Learn to troubleshoot, maintain, and repair automated electro-mechanical, product assembly, and process control systems that use programmable controls and other methods to manage complex systems. These systems include robotic, mechanical, hydraulic, pneumatic, electrical and electronic devices.

**Title IV Financial Aid eligible:** Yes

## What can I do with this certificate?

**Career options:** Completing this program can lead to employment in a variety of different careers.

**Academic options:** This program may apply toward a Bachelor of Applied Science (BAS). See an advisor

**CHOOSE YOUR COURSES WITH YOUR COLLEGE ADVISOR**

## 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 100:** Industrial Safety (1 credits)

**AIT 105:** Maintenance Operations (3 credits)

**AIT 110:** Mechanical Systems (3 credits)

**AIT 115:** Hydraulic Systems (3 credits)

**AIT 120:** Pneumatic Systems (3 credits)

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

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

**AIT 205:** Electronic Control Systems I (3 credits)

**AIT 210:** Electronic Control Systems II (3 credits)

**AIT 215:** Process Control Systems (4 credits)

**AIT 225:** Electrical Systems II (3 credits)

**AIT 270:** Robotics I (3 credits)

**PROGRAM TOTAL: 32 credits**

Program/Major/Concentration Codes: **CRTAIN/AIN**

**Find more information about this program at:**  
[www.pima.edu/industrial-tech-2-cert](http://www.pima.edu/industrial-tech-2-cert)