

AZNext

Arizona State
University

Closing the Skills Gap to Build the Future Workforce

AZNext is a training program designed to create a bold, innovative, and sustaining workforce development ecosystem that addresses the need for more skilled workers in IT, cybersecurity, and advanced manufacturing roles in Arizona and across the U.S.

Provided at no cost to
the participant.

Contact Us

Email

AZNext@asu.edu

Website

aznext.pipelineaz.com

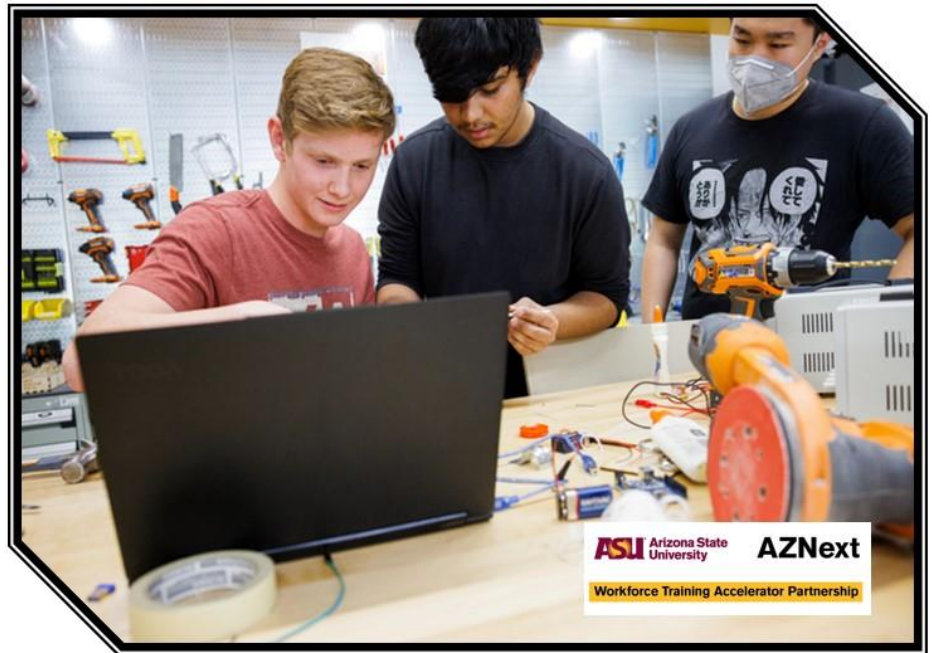
Social Media

Twitter: [@AZNext_ASU](https://twitter.com/AZNext_ASU)

LinkedIn: [AZNext](https://www.linkedin.com/company/aznext)

Strengthen Your Computer Aided Design (CAD) Skills

Join an AZNext program at ASU!



AZNext and ASU is pleased to offer **Computer Aided Design for Engineers and Technicians**, as a Certification course.

This course is designed for students and working professionals who want to upskill to achieve expertise in computer aided design (CAD) software.

Kickstart your CAD knowledge by learning core Fusion 360 workflows. Explore 2D sketching, parametric solid modeling, assembly creation, product rendering, file sharing, file management, and more.

Whether you're new to CAD or just starting out with Fusion 360, gain real-world skills by exploring the design and production of a product with complex geometry. You'll practice by creating and assembling parts using core parametric modeling techniques, rendering the design, and exporting files for 3D printing.

The program is accessible to people with no prior CAD experience and has no prior educational requirements. The course is aimed at candidates who have a current role in design and manufacturing, interest, or need to develop foundational knowledge in manufacturing design.

To learn more, connect with AZNext today!

What is an Engineering Technician?

An Engineering Technician Assist engineers in determining the practicality of proposed product design changes and plan and carry out tests on experimental test devices or equipment for performance, durability, or efficiency.

Fast Facts

Average Salary: \$60,830 (AZ)

Job Growth: Estimated 10% or Higher (US)

How to Apply



[Application Link](#)

Questions

Email: AZNext@asu.edu

Program Timeline

The program consists of online modules including readings, exercises. These sessions can be timed flexibly to accommodate working schedules.

Topics covered in the course:

- Navigate the Fusion 360 user interface.
- Create and manage design files in Fusion 360.
- Create components and assemblies in Fusion 360.
- Fully define sketches.
- Create solid bodies with core CAD features.
- Modify existing parts with core CAD features.
- Set up and generate product renderings.

Completing the course will lead you to understand basic knowledge in computer aided design.

What You Will Receive

Upon successfully completing the course the participant will earn a certificate from Coursera, as well as a digital badge of completion certificate from AZNext.

Admission Requirements

Participants must be:

- 17 years of age or older
- A high school or GED graduate
- Resident of the State of Arizona
- Eligible to work in the U.S.
- Unemployed, underemployed, looking to upskill/retrain