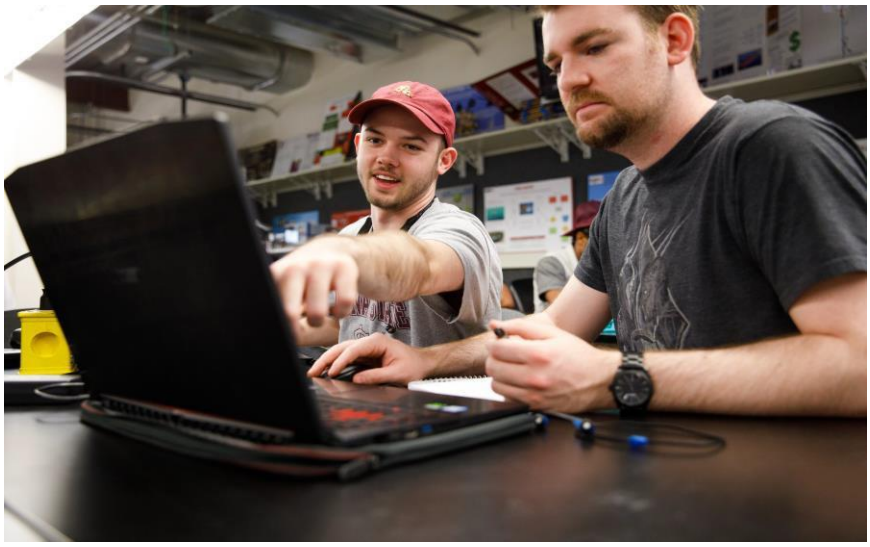
Arizona State University

AZNext

Workforce Training Accelerator Partnership

Strengthen Your Manufacturing Quality Control/Process Skills!

Join an AZNext program at ASU!



AZNext and **ASU** is pleased to offer the **Quality Control for Technicians,** Lean Six Sigma Yellow Belt Certification course.

This course is designed for the working professional who wants to upskill to achieve that next level role in manufacturing operations.

Six Sigma is a quality methodology which uses the following phases to make improvements to any process: Defining, Measuring, Analyzing, Improving, and Controlling. Six Sigma certification is designed to prove your comprehension and proficiency in the fundamentals of this process improvement strategy.

Yellow belts can be entry level employees that seek to improve their knowledge, or more senior members who act as SMEs (Subject Matter Experts) in a particular project. A Yellow Belt certification will allow you to understand the different phases of a Six Sigma project and how those phases improve the processes within your organization.

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

To learn more, connect with AZNext today!

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

LinkedIn: AZNext

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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, and labs with two 3-hour sessions of faculty-facilitated instruction. These sessions can be timed flexibly to accommodate working schedules. Sessions are led by Prof. A.M. Kannan, professor in the Polytechnic School, of the Ira A. Fulton Schools of Engineering at Arizona State University.

Topics covered in the course:

- Basic statistics
- Plan-Do-Check-Act (PDCA), Cost of Quality
- QC Tools: Cause-and-effect diagram, Check sheet, Pareto chart, Histogram, Flowchart, Control chart, Scatter diagram, Regression
- Six Sigma
- Define, Measure, Analyze, Improve & Control (DMAIC)
- Failure Mode & Effects Analysis (FMEA)

Completing the course will lead you to understand and apply various process control/improvement tools in waste elimination, defects reductions, and specification requirements. Use Pareto charts for understanding vital few from the trivial many. And understand DMAIC methodology for quality improvement. Passing the course requires completing all of the online content and passing the final exam with a score of 75% or higher.

What You Will Receive

Upon successfully completing the course the participant will earn a Lean Six Sigma Yellow Belt Certificate issued by ASU, 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 Arizoan
- Eligible to work in the U.S.
- Unemployed, underemployed, looking to upskill/retrain