

Machining Inspection and Quality Assurance Certificate

www.pima.edu/machining-insp-cert

Learn fundamental skills in machine shop operations, including machining inspection and quality assurance.

Title IV Financial Aid eligible: Yes

What can I do with this certificate?

Career Options: Begin a career in machine tool technology, specializing in machining inspection and quality assurance.

Academic Options: Continue your studies by taking classes toward the Machine Tool Technology AAS degree.

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 this 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 full-time students. Part-time students or those with specific interests or transfer needs are encouraged to work with an advisor to develop a unique academic map.

Semester 1 (Semester total: 10 credits)

CAD 117: Print Reading with CAD for Manufacturing (4 credits)

GTM 105: Applied Technical Mathematics (3 credits)

MAC 100: Introduction to Machine Tool (3 credits)

Semester 2 (Semester total: 7 credits)

CAD 172: Geometric Dimensioning & Tolerancing (3 credits)

MAC 125: Inspection Quality Assurance (4 credits)

PROGRAM TOTAL: 17 credits

Gainful Employment information: www.pima.edu/ge-crtmin-min

Program/Major/Concentration Codes: **CRTMIN/MIN**

Find more information about this program at:
www.pima.edu/machining-insp-cert