(Manufacturing Technology – Associate Degree path)

This certificate program prepares students with the foundational skills needed for setup, operation, and programming of CNC (computer numerical control) machines. Advanced manufacturing methods are taught by employing state-of-the-art technology, including 2-axis programming, CNC probing, high speed machining, and plunge and wire EDM (electrical discharge machining).

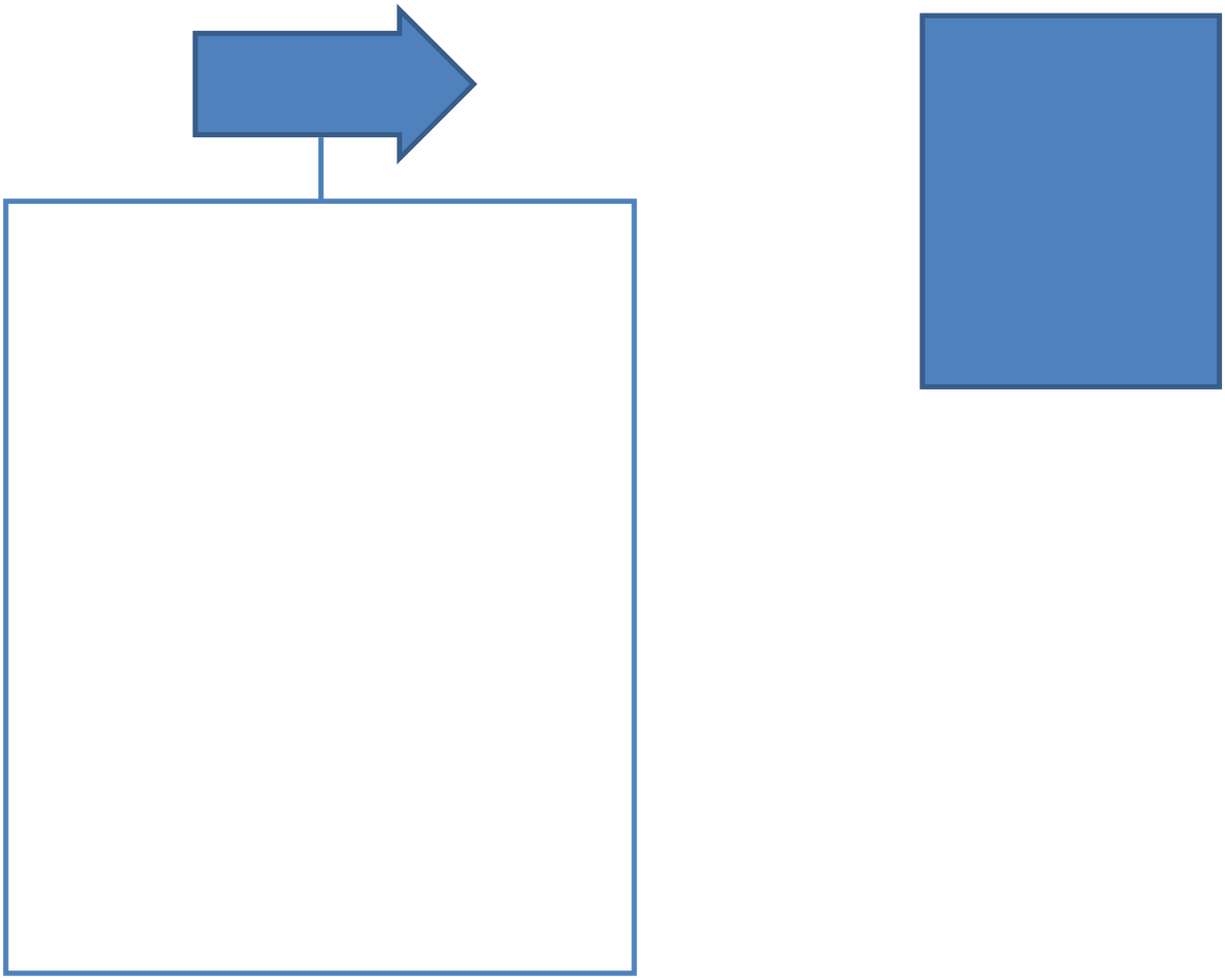
This certificate program is designed to prepare students for success in careers in advanced manufacturing across many industries, including automotive die/mold, medical, aerospace, defense, renewable energy, “green” technologies, and consumer products. This program is a good fit for those who enjoy working with their hands and computers, with an emphasis on the shop floor. Graduates of this certificate program are well-rounded in shop floor machining principles, CNC operation, and two dimensional G&M code programming.

A certificate will be awarded to students who successfully complete the following courses:

Associate of Applied Science Degree Requirements (Minimum 62 credit hours)

An Associate of Applied Science Degree is offered for those enrolled in or completing an Apprenticeship, Employee-In-Training, or Applied Technology General Certificate Program. Other College requirements apply, including the completion of the general education requirements, as well as attaining a minimum overall total of 62 credit hours. See Apprentice Coordinator or Advisor for details.

Students may graduate with an Associate of Applied Science Degree in Manufacturing Technology, Maintenance Technology or Building Construction Technology, depending on the Apprenticeship, Employee-In-Training or Applied Technology General Certificate Program area of specialty.



Information is subject to change. Please visit www.macomb.edu for the most current information.

For more information on the CNC Machinist Certificate Program at Macomb, contact the Applied Technology and Apprenticeship Department at 586.445.7414 or apprenticeship@macomb.edu.