

Computer Integrated Machining Technology Certificate (C50210- C6) | 12 Total Credits

This pathway is designed to develop the skills in theory and safe use of hand tools, power machinery, computerized equipment and sophisticated precision inspection instruments. Students will learn to interpret blueprints, set up manual and CNC machines, perform basic and advanced machining operations and make decisions that ensure work quality is maintained. Employment opportunities exist in manufacturing industries, public institutions, government agencies, and in a wide range of specialty machine shops. To see how this connects with the full degree, view the course sequence [here](#).

Prefix/Course	Credits	Pre-Req	Semester Offered	Transfer
MAC 141 – Machining Applications I	4			
MAC 131 – Blue Print Reading/Mach I	2	None		
MAC 121 – Intro to CNC	2	None		
MAC 122 – CNC Turning	2	None		
MAC 124 – CNC Milling	2	MAC 121*		

*Must be taken prior to taking this course.

Total Pathway Credit hours: 12

Eligibility Requirements

To be eligible for enrollment, a high school student must meet the following criteria:

- Be a high school junior or senior
- Have an unweighted GPA of 2.8 or greater or Benchmark test scores or have the recommendation of the high school principal or his/her designee

Note: This pathway is an option for some high school freshmen and sophomores, however; different eligibility criteria apply. Please view this on our [website](#) under the eligibility criteria for Career and Technical Pathways.

Learn more [HERE](#).