

Automated Manufacturing

½ Credit at SHS & 1 Credit at MPTC Semester

11,12

This course provides students with additional challenges using Computer Aided Drafting/Computer Aided Machining (CAD/CAM) in an articulated



program with Moraine Park Technical College (MPTC). Skills will be developed in areas of creating blue prints and adding tool paths to blueprints using a CAD/CAM program. The drawings created as blueprints and tool paths will then be used to machine the parts on our own CNC Mill and Lathe. Skills will be developed in areas of reading and caring for precision measuring instruments, speed and feeds of machines. Students must be able to develop and maintain a safe working atmosphere and coordinate their time well while problem solving during this course. Students must earn no less

than a “C” in order to earn a passing grade and credit at MPTC.

Prerequisite: *Intro to Automated Manufacturing, or Design for Manufacturing, or instructor approval*