

2023-24 ACADEMIC PROGRAMS

2023-2024 INTRODUCTION TO MANUFACTURING PROCESSES (CCMETI)

Description

In this program, students (including dual-enrolled high school students) interested in exploring the manufacturing industry will learn fundamentals in manufacturing including blueprint reading, 3D modeling systems and output files used to control manufacturing systems. Part manufacturing processes including measurement, safety, machining at mills, lathes and saws will be introduced. In these entry-level courses, students will learn setup and operation procedures at CNC computerized mills and lathes, control of process at CNC mills and lathes to produced quality parts as well as fundamentals for writing programs.

Course Requirements

Major/Area Requirements

Class	Title	Minimum Credits
MEC 101	Blueprint Reading for Manufacturing	2
MTT 102	Machining for the Technologies	2
NCT 101	Introduction to Computerized Machining (CNC) - I	2
NCT 110	Introduction to Computerized Machining (CNC) - II	2
Total		8

Total Credits Required: 8

Accurate as of 02/16/2024 Information is subject to change without notice.