Information Technology Solutions

Course Offerings:

These courses provide the student with the opportunity to learn and acquire the skills to program and utilize CNC technology. The added skills of CAD/CAM programming in combination with laboratory and classroom experience give the tools to become more efficient and productive in the manufacturing setting.

Course # Course Name
MANU0121A Basic Machining
MANU0110A Manufacturing Blueprint Reading
MACH0134A CNC Machining
MACH0203 MasterCAM
MACH0134B Advanced CNC Machining
MACH0206 Advanced MasterCAM

Pre-Requisite

HS Diploma or GED, basic computer and math knowledge. NCRC completion at Level 4. A prerequisite for CNC Machining and MasterCAM is MANU0121A and MANU0110A.

The Career

Machine shops play an integral role in all manufacturing and research applications. Much of the tooling required by today’s technology is being built with Computer Numeric Control (CNC) machinery in order to meet the production standards for complex parts and unique materials. These machines are controlled by programs written manually or using Computer-Aided Design/Computer-Aided Manufacturing (CAD/CAM) software.

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