ADMFG 142: Advanced CNC Programming

Students will learn advanced CNC programming techniques such as programming with canned cycles, use sub programs, troubleshoot programming problems and use parametric macro programming and features.

Course Student Learning Outcomes

1. Program repeatable operations using sub-programs.

2. Configure and use canned cycles.

3. Troubleshoot and correct programs related to G-code types and function.

4. Troubleshoot and correct programs appropriate feed rates and spindle speeds.

5. Program parametric macro functions.

Credits: 3

Program: **Advanced Manufacturing / Composites Technology**