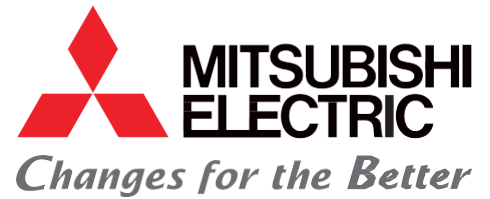




for a greener tomorrow



CNC G-Code Programming

MILL and LATHE

Course Description

CNC G-Code Programming	
Course Code	TRCNC101P
Length	3 Days
Prerequisite	None

RECOMMENDED E-LEARNING

N/A

INTRODUCTION

This class will cover all aspects of G-Code Programming for CNC Mills and Lathes. The class will use Mitsubishi CNC and can be instructed on CNC Hardware Demo Units or computer simulator.

WHO SHOULD ATTEND?

The CNC G-Code Programming Class is ideal for those wishing to learn how to program their CNC. This course is not intended to teach the student to become a machinist. However, some practical instruction on machining will be provided.

COURSE HARDWARE

Mitsubishi M80/M800 CNC
PC Simulator

PREREQUISITES EXPLAINED

Students should have basic knowledge of Mitsubishi CNC's.

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COURSE OUTLINE

LESSON 1	Definition and Fundamentals
LESSON 2	Code Format Basics
LESSON 3	Positioning Commands
LESSON 4	Movement Commands
LESSON 5	Non-preparatory Codes
LESSON 6	Programming Offsets
LESSON 7	Program Structure
LESSON 8	Mill Fixed Cycles
LESSON 9	Lathe Specific Programming
LESSON 10	Lathe Fixed Cycles

MITSUBISHI CERTIFICATION

This class is eligible for Mitsubishi Certification. Simply notify your instructor that you wish to pursue certification.

