CNC Lathe Program Training
Operations and Programming

Course Description

CNC Lathe Program Training	
Course Code	MEPRGL-0101
Course Credits	4.0 credits
Length	3 Days
Price	$2,000
Prerequisite	None

INTRODUCTION
This course is intended to teach the G-code programming language to the machine operator or programmer. This class will start with basic 2-axis programming. At the end of the course, the student will be able to program a real world part from a blueprint-type drawing.

WHO SHOULD ATTEND?
Students who are interested in learning G-code programming should attend this course. This course is not intended to teach the student to become a machinist. However, some practical instruction on machining will be provided.

COURSE HARDWARE
N/A

PREREQUISITES EXPLAINED
Students should have some basic knowledge of CNC operations.

COURSE OUTLINE
LESSON 1	Monitor, Setup & Edit Screens
LESSON 2	Tool Length Setting
LESSON 3	Work Offsets
LESSON 4	Programming Differences using Different Group Types
LESSON 5	G-code Lists
LESSON 6	Machine Movements
LESSON 7	Programming Methods
LESSON 8	Program Troubleshooting
LESSON 9	Program Building
LESSON 10	Sub Programs

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