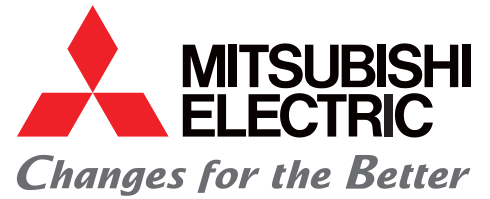




for a greener tomorrow



Introduction to CNC Systems

OPERATIONS & PROGRAMMING

Course Description

Introduction to CNC Systems	
Course Code	MEPRG0-0102
Course Credit	4.0 Credits
Length	3 Days
Price	\$2,000
Prerequisite	None

INTRODUCTION

This course is intended to teach students, with little-to-no knowledge of CNCs, the basics of Mitsubishi CNC Systems and their functional applications. This class will provide an introduction to what CNCs are and proceed to higher topics such as machine theory and part programming codes.

WHO SHOULD ATTEND?

Students who are interested in learning the fundamentals, functions, and operations of Mitsubishi CNCs should attend this course. This class will serve as a stepping stone to prepare students for more in-depth and advanced subjects related to Mitsubishi CNC Systems.

COURSE HARDWARE

N/A

PREREQUISITES EXPLAINED

There are no prerequisites for this class.

COURSE OUTLINE

- LESSON 1 Machining & Machine Tools Overview
- LESSON 2 History of CNC Systems
- LESSON 3 CNC System Fundamentals
- LESSON 4 Control-to-Machine Connections
- LESSON 5 Machine Theory
- LESSON 6 Machine Tool Components
- LESSON 7 PLC Overview
- LESSON 8 G-Codes/M-codes Overview

CERTIFICATION LEVELS

Become a CNC programmer by taking a few more classes combined with this one. Learn [here](#). If you are a high school or college student, under our **Diamondworks!** Program, learn how to become an entry-level Apprentice or Operator [here](#).

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