

**Course Title: ELECTRICAL DISCHARGE  
MACHINING (EDM) WIRE CUT  
PROGRAMMING & MACHINING**

**Course Code: MMF 106**

**Course Background / Summary:**

This course focuses on integrating the machining process (programming, machine set-up, and use, program transfer, workplace preparation, etc.) and characteristics of the material performed by EDM Wire Cut Machines. This course will also cover the description of tools, tool holders, and devices to refer to the shapes, type of materials that participate in the machining process, clamping, and safety during operations and identifies machine components requiring usage or first-level maintenance (filters, lubrication devices, protections, etc.).

**Course Objectives:**

- Recognize the machine tools and clamping devices in EDM Wire Cut Machine.
- Use EDM Wire Cut machine to produce a part (setting and machining).
- Prepare drawing, programming, alignment workpiece before starting the machining process.

**Target Audience:**

- Machine operators and machine suppliers
- Teaching staff (including vocational and technical teachers)
- Industrial Workers

**Course Duration: 3 Days**

**Course Contents**

**1.0 Wirecut introduction**

**2.0 Preparation of Machines**

**3.0 Machine Parameters**

**4.0 Programming**

**5.0 Machining**