

# MTT 144: Electrical Discharge Machining I

This course introduces the student to the concepts of Electrical Discharge Machining (EDM) and the importance of EDM in an industrial setting. Emphasis is placed on safety procedures and machinist responsibility in the set-up and operation of EDM machines and electrode selection. Upon completion, students should be able to produce basic machine products using both the wire-type and plunge-type EDM machines. This course is aligned with NIMS certification standards.

**Credits:** 3

**Prerequisites:**

Permission of instructor

**Program:** Machine Tool Technology

**Experimental Laboratory Credit:** 4

**Theory Credit:** 1