



# Introductory Arc Welding Laboratory

## WELDENG 2601

**Credit Hours:**

1.00

---

**Course Levels:**

Undergraduate (1000-5000 level)

---

**Course Components:**

Lecture  
Lab

---

**Course Description:**

Basic skills required for manual and semiautomatic arc welding processes.

---

**Prerequisites and Co-requisites:**

Prereq: Chem 1210 or 1250; and Math 1151 or 1161; and Physics 1250 or 1260; and enrollment as WeldEng-BS major or pre-major student.

---

**Course Goals / Objectives:**

- Develop basic welding skills in manual arc welding processes
  - Develop basic welding skills in semiautomatic welding processes
  - Develop flame cutting skills
- 

**Course Topics:**

- Manual arc welding training
  - Semiautomatic arc welding training
  - Flame cutting training
- 

**Designation:**

Elective