**COLLIN COLLEGE**

**COURSE SYLLABUS**

Course Information

**Course Number:** WLDG 2450

**Course Title:** Orbital Tube Welding

**Course Description:** Orbital tube welding in various industries. Special emphasis on the disciplines of orbital tube welding, including cutting, facing, and development of weld procedures. Lab required.

*Note: Welding classes require extended periods of time standing in place, lifting heavy weights (up to 60 pounds repeatedly), reaching, bending, and working around open flames and intense heat for extended periods of time.*

**Course Credit Hours:** 4

Lecture Hours: 2

Lab Hours: 5

**Prerequisite:** WLDG 1434

**Student Learning Outcomes:**

* **State-mandated Outcomes:** Upon successful completion of this course, students will:

1. Describe the fitting, tubing, and tungsten used in the orbital tube welding process.
2. Demonstrate skill in orbital tube welding, cutting, and facing.

**Withdrawal Policy:** See the current *Collin Registration Guide* for last day to withdraw.

**Collin College Academic Policies:** See the current *Collin Student Handbook*

**Americans with Disabilities Act Statement:** Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal educational opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current *Collin Student Handbook* for additional information.