



**El Dorado Union High School District**  
**Central Sierra Regional Occupational Program—El Dorado Section**  
***ROP Metal Fabrication - Welding***

<http://cte.eduhsd.k12.ca.us/>

**This course is designed to provide today's students the flexibility to enter many areas of the industry.**

**The Course Concentrates On**

**Mechanical Drawing**

**Layout and Design Materials**

**Oxyacetylene cutting & Welding**

**Arch Cutting and Welding**

**Gas Tungsten Arc—TIG**

**Gas Metal ARC—MiC**

**Mass productions.**

**For more information visit your High School Counselor or contact the Central Sierra Regional Occupational Program**

**4675 Missouri Flat Rd,  
Placerville CA 95667  
530-622-5081 ext.7239**



**Learn How To....**

- Demonstrate Safe shop practices while using hand and power tools
- Produce a working drawing using proper drafting techniques and welding symbols
- Recognize the ways that basic metals and alloys are used in today's industry
- Use fabrication equipment
- Oxy-acet welding and cutting
- Arc welding
- GTAW and GMAW
- *Modern production techniques*

