

# ROP METAL FABRICATION



## COURSE DESCRIPTION

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



### Technical skills include:

- Mechanical Drawing
- Layout and Design Materials
- Oxyacetylene cutting and welding
- Gas Tungsten ARC—TIC
- Gas Metal ARC—MIC
- Mass Production
- Beginning Horizontal Lathe and Vertical Mill



### Instruction includes:

- 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-ace welding and cutting
- ARC welding
- GTAW and GMAW
- Modern production techniques

For more information, visit your High School Career Center or the Central Sierra Regional Occupational Program



El Dorado High School District

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<http://www.eduhsd.k12.ca.us/Educational-Services/Career-Technical-EducationROP>

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