

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

4675 Missouri Flat Road, Placerville, CA 95667

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

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