

ACADEMY OF ENGINEERING

Rio Mesa High School's Academy of Engineering provides a unique education to our future workforce.



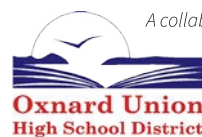
The MERIT Academy offers a setting and the resources to open students to the world of manufacturing and engineering. With hands-on use of state-of-the-art computer applications and new technology, students explore the principles of the design process, and apply them to emerging technologies. Problem-based experiences provide the rigor and relevance that engages and empowers students. Students have opportunities to meet professionals working in manufacturing fields through participation in field trips, internships and job shadowing. The academy also offers students the opportunity to interact with professionals by hosting guest speakers and providing hands-on skills training.



Rio Mesa High School Academy of Manufacturing, Engineering, Robotics, and Industrial Technology

- Hands-on experience programming and operating state-of-the-art CNC machines.
- Project-based lessons using the Autodesk, Solidworks, and Mastercam software.
- Daily practice following the protocols and procedures of an Advanced Manufacturing Environment.

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