



ACCREDITATION EVIDENCE

Title: Industrial Maintenance Program Information

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Industrial Maintenance

Industrial Maintenance technicians or industrial machinery mechanics are highly skilled, well-paid workers who maintain and repair machinery in many industries, such as a power plant, a manufacturing factory, a mine, an industrial plant, an oil and gas distribution system, or a wind farm—wherever there is rotating equipment. Industrial Maintenance technicians must be proficient in many different areas including plant safety, industrial rigging, blueprint reading, bearings, lubrication, centrifugal pumps, alignment, piping systems, mechanical drives, hydraulics/pneumatics, industrial electricity, motor controls, vibration analysis, troubleshooting, machining and welding. Our classes integrate real world experiences through case studies, simulations and games. The department fosters close ties with the corporate community that provide a wealth of practical expertise, a variety of internship opportunities, and future job prospects.

The Industrial Maintenance class is a hands-on class that therefore is not available on-line. We do however, offer evening classes and can often work with shift work schedules.

Program Learning Outcomes

- Students will use a systematic and safe approach to identify the root cause of problems with industrial equipment, and develop a solution.
- Students will identify concepts, principles, and maintenance of industrial equipment.
- Students will demonstrate effective and appropriate communication techniques with peers, employees and supervisors.
- Students will be able to deliver an organized oral presentation with a clear purpose, appropriate structure, sufficient evidence and content.

Common core courses include Industrial Maintenance, Technology and Welding classes.

Why Choose Western?

- The best program in Industrial Maintenance in Wyoming.
- 3 labs with over 6,000sqft offer many opportunities for hands-on training with actual equipment.
- Needed in MULTIPLE industries: mining, energy, wind, power plants, and manufacturing.
- Strong connections with local industries.
- Learn alongside adult students who are employees in these industries because many industries send their employees to Western.
- The ONLY college in the state with a schedule that allows you to
 - Take 3-credit courses in 5-week blocks (Monday-Thursday) in 3 hour blocks; morning, afternoon, or evening blocks.
 - Take 2 courses during each 5 weekblock; Concentrate and learn only 2 subjects at a time.



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Western is an award-winning college in both our on-campus and distance learning programs. We believe our students come first, and your success is our #1 priority. Our motto says it best: "Enter with passion, leave with purpose". Let us help you on your path to success!

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