Manufacturing Engineering

"WWU offers a hands-on learning environment that not only supports students in their pursuit of an engineering degree, but also in being adventurous with their interests and extracurricular activities. A program only limited by an individual's imagination and perseverance."

Christine Kerby, Class of 2019 Reliability Engineer



ABET Accredited | 151-155 credits | Bachelor of Science

Why study Manufacturing Engineering at WWU?

- Project-focused curriculum
- Cohort-based with small class sizes
- Student-centered instruction
- Teaching and research facilities with industry-grade equipment
- Exposure to a vast range of manufacturing applications (from small prosthetic devices to complex transportation systems)
- Year-long industry-sponsored senior project
 Several enperturbing to connect with
- Several opportunities to connect with employers & learn more about real-world engineering solutions

By the numbers

5 quarters of pre-major coursework

24 graduates per year

5 full time faculty

6-10 undergraduate research positions annually

75% alumni employed or in graduate school



Hands-on Approach

Western's Manufacturing Engineering program develops a strong connection between the theory learned in the classroom and the real-world application through a state-of-the-art laboratory curriculum. Nearly every course in the Manufacturing program provides a laboratory experience. Through these experiences, students learn to apply theoretical knowledge to solve practical, application-based problems in manufacturing. With our close collaboration with a committee of industry experts, this lab curriculum is always up-to-date with the most current knowledge and technology in the field of manufacturing to prepare our graduates to be professionally competitive upon graduation.





Get Involved

Students have the opportunity to work with industry partners and faculty on research projects. These opportunities can lead to publications, internships, and full time employment. Faculty are considered experts in the following areas: automation & robotics, manufactuirng systems and continuous improvement, machine/tooling design, industry 4.0, applied ergonomics & human factors, precision manufacturing, and computer-aided design & manufacturing (CAD/CAM).

Admissions

5 quarters as a pre-major in foundation courses 24 new majors admitted annually

Recent alumni jobs

Janicki Industries Quality Engineer General Motors Compartment Manuf. Engineer Boeing Equipment and Tool Engineer Tesla Mechanical Design Engineer Nike Process Engineer

Contact information

Engineering & Design Department 516 High Street, MS 9086 Bellingham, WA 98225

ENGD@wwu.edu 360.650.3380

What our alumni say

"The Manufacturing program was an amazing experience for me. Each class I took brought an exciting opportunity to learn more about how the products we see and use every day are created."

Paul Goins, Class of 2021 Quality Engineer, Janicki Industries

"The time spent doing engineering activites and not just learning about them really helped me understand and feel confident in applying it to real life. Get involved with clubs and internships! It was those extra things that landed me a great role after graduation."

Angela Plessner, Class of 2017 Quality Engineer, Fluke Electronics

