"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 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
Manufacturing Engineering

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, manufacturing 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 activities 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