

United Western Technologies Corp (dba UniWest) is fast paced, employee-owned company specializing in the designing and manufacturing of sensors, eddy current instruments, and ultrasonic products. UniWest is on the leading edge of sensing technology; was founded in 1985 and is based in Pasco, Washington.

MECHANICAL ENGINEER

Summary: We are looking for a creative Mechanical Engineer to work on all product stages from research and development to design and manufacture, through to installation and final commissioning. The goal is to design and fabricate mechanical components of innovation and excellence.

Essential Duties and Responsibilities include the following. Other duties may be assigned.

- Bachelor of Science in mechanical engineering (BSME)
- Proven work experience in mechanical engineering
- Proactive and willing to take on new challenges
- Detail oriented
- Familiarity with 2D or 3D engineering design and manufacturing tools (e.g., AutoCAD, Solid Works or other)
- Solid understanding of core concepts including mechanics, kinematics, thermodynamics, materials science, etc.
- Creativity and analytical skills
- Ability to communicate technical knowledge in a clear and understandable manner
- Technical writing skills
- Identify, formulate and produce effective solutions to emerging problems
- Work effectively under pressure

Desirable experience

- Estimate budget and the scope of projects
- Solicit observations from users on new product designs
- Perform design calculations
- Convert basic design Information and requirements into working drawings
- Test and evaluate theoretical designs
- Design systems, instruments, and components that meet needs and requirements
- Perform a full lifecycle product development (design, develop, test prototypes, manufacture, and implement)
- Assist with field and manufacturing problems
- Analyze test results and adjust design if needed
- Conduct experiments methodically, analyze data and interpret results
- Alter and modify design to meet requirements and to eliminate malfunctions
- Evaluate final product's overall performance, reliability and safety
- Complete assigned tasks within time and cost restraints
- Follow drafting standards and geometric, dimension, & tolerances (GD&T)
- Prepare product reports and documentation
- Write and maintain operating procedures and standards
- Work to improve and maintain existing products

Qualifications

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed above are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education and/or Experience

Bachelors of Science in Mechanical Engineering

Job Type: Full-time

Salary DOE with an excellent benefit package offered. UniWest is an Equal Employment Opportunity (EEO) employer and encourages anyone to apply.