

Paid internship NOW with the potential to be hired full-time after graduation!



Materials Engineer Paid Internship

UWF Talent Catalyst



Entry-Level Engineer Internship

Spring 2025: 20 hours/week

Apply today using the QR Code for the UWF Talent Catalyst's part-time paid positions. They are designed to provide hands-on, project-based experience while receiving mentoring and essential soft skills training.

BlueWind Technology is seeking an Entry-Level Materials Engineer Intern who will assist in analyzing product results, prepare laboratory tests, look for alternatives for product development and more (see job description for more details).

If you are a fulltime student in the Hal Marcus College of Science and Engineering studying **materials/chemistry engineering** or a related field, we encourage you to apply for this internship.

Juniors, Seniors or Masters students preferred!



The UWF Talent Catalyst program combines work experience, classes, mentoring, and essential professional soft skills development.

Email: workforcedevelopment@uwf.edu



UWF Talent Catalyst
UNIVERSITY of WEST FLORIDA

BlueWind Material Engineer Intern Job Description

Job Description and Qualifications: An entry-level engineer within BlueWind will assist employees with analyzing product results, prepare laboratory tests, look for alternatives for product development and more.

Interns will gain practical work experience to augment their education and career preparation.

Opportunities for work after graduation available.

Essential Job Functions:

- Participate in the analysis of results of the performance of new products, together with the Production and Process area, in order to improve the points that present deficiencies, aiming to adapt it to the technical specifications required.
- Assist on the technical descriptions of materials, establishing the standards, characteristics, specifications and resources
- Prepare laboratory tests of new material, measuring the performance and acceptance, verifying the conformity to the required specifications, providing the necessary changes and adjustments in order to improve the points that have deficiencies.
- Develop new suppliers of raw materials, look for alternatives for product development, through research and analysis of performance vs required specifications.
- Provide technical support to other areas of the company, providing data on project development, applications and performance of fabricated products and raw materials.
- Analyze the methods used and results obtained in the development and manufacturing processes of the new products, seeking alternatives for the reduction of formulation costs, as well as optimization and reduction of the cost of manufacturing processes.
- Prepare and execute standards and documentation related to the development of products, inspections, tests, performance, deviations of conformity and other data, generating and standardizing the pertinent documentation, as well as its maintenance, updating and distribution.
- Perform other activities of a similar nature according to the needs and/or orientation of the immediate superior, as well as maintain the safety and quality standards established.
- Perform quality control of raw incoming material that requires laboratory testing.

Learning Objectives and Benefits:

- Gain real-life work experience using computer-aided design software.
- Gain experience in entry-level materials/chemical engineering.
- Gain positive relationships with the company for potential long-term employment.
- Understand BlueWind's work culture.

Qualifications:

- Ability to perform: ability to effectively put in practice/lead a project.
- Attention: ability to perceive and focus on daily activities, avoiding unsafe acts, waste and rework.
- Readiness: Be ready to do what is asked/necessary for the job.
- Creativity: ability to present new standards, original ideas and innovative solutions for different situations
- Logical reasoning: associate ideas and facts in an orderly way.
- Ease of learning: ability to quickly learn the tasks presented.
- Collaboration: Ability to work in a team: develop teamwork, maintaining a participatory and collaborative professional attitude.
- Communication: ability to present clear, objective, consistent and structured ideas in writing or verbally, respecting the recipient and making sure the message is understood.
- Accuracy: ability to act accurately, strictly observing the actions to be taken.