

Company Name and/or Logo

Internship Job Title:

General Engineering Intern

(alternative titles: Mechanical Engineering Intern or Civil Engineering Intern)

Format of Internship:

- ☐ In-Person
- ☐ Hybrid
- ☐ Mostly Virtual, with 1-6 mandatory in-person meetings / events
- ☐ Fully Virtual, with weekly or bi-weekly online check-ins

Internship Work Site Location:

Schedule & Anticipated Start Date:

- *Internships start between June 2 and Jun 23, 2025.*
- *Internships can end no later than September 12, 2025.*
- *Internships will not exceed 240-hours total within a 3 month period.*
- *Students may not work more than 8-hours a day and 30-hours a week.*

Compensation:

\$22/hour, paid through the Employer of Record, Manpower. Questions, please contact the Border Region Talent Pipeline grant team at: internships@k16talentpipeline.org.

Company Description:

Position Overview:

This internship should provide the intern with practical experience in various engineering disciplines, enhance their technical skills, and expose them to real-world challenges and solutions.

Student Responsibilities/Expectations:

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Skills the Intern Should Have:

- Data Analysis - Proficiency in analyzing and interpreting data to make informed engineering decisions.

- Maintenance, Debugging, and Repair - Basic knowledge and hands-on experience in maintaining, debugging, and repairing equipment, systems, or prototypes as required.
- Model-Based Systems Engineering - Familiarity with model-based systems engineering principles, including the ability to create and work with systems models for design and analysis purposes.
- Project Management Principles - Understanding the fundamental project management concepts.
- Risk Analysis - Ability to identify potential risks, assess their impact, and propose mitigation strategies.
- Technical Process Documentation - Proficiency in documenting engineering processes, including creating clear and organized technical documentation for equipment, procedures, and project reports.
- Test Equipment and Processes - Knowledge of test equipment and processes used in engineering testing and validation.

Student Qualifications:

Students should have completed at least 1 semester of math and 2 engineering courses.

Additional Information:

Special Hiring Criteria:

The following needs to be completed prior to onboarding and starting the internship:

- ☐ LiveScan
- ☐ Background Check
- ☐ Drug Screen
- ☐ None of the above

The following additional items will need to be completed: