

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

Apply Now! Paid Electrical Engineering Internship

Viewpoint Systems is Hiring!

VIEWPOINT
systems



Electrical Engineering Intern

Spring 2026: 20+ hours/week
Fall 2026: 20+ hours/week

Viewpoint Systems is offering a structured, multi-phase internship designed for sophomore-level electrical engineering students who are eager to get their hands on hardware and do meaningful engineering work. Over the course of the internship, you will progress through three distinct roles—Assembler, Production Technician, and Junior PCB Design Engineer—each building on the skills developed in the previous phase.

By the end of the internship, you will have a practical foundation in defense electronics manufacturing that most EE graduates never receive until years into their careers.

Apply today using the QR Code or visit our website:
uwf.edu/WorkforceDevelopment



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

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UWF Talent Catalyst

UNIVERSITY of WEST FLORIDA

Amplified by Landrum



Electrical Engineering Intern Job Description

Phase 1 – Assembler (8 to 12 months)

In this foundational phase, you will work on the production floor building the rugged display and computing systems that Viewpoint Systems delivers to prime contractors and government customers. This phase develops attention to detail, workmanship standards, and familiarity with the full range of products the company produces.

Responsibilities include:

- Assembling rugged display and computing systems
- Supporting functional testing and inspection processes
- Documenting assembly steps and identifying workmanship discrepancies
- Developing familiarity with military connectors, ruggedization techniques, and the physical construction of defense electronics products

Phase 2 – Production Technician (6 Months)

Building on your assembly experience, you will step into a Production Technician role with greater responsibility for quality, testing, and troubleshooting. This phase develops your ability to diagnose hardware problems and support manufacturing operations more independently.

Responsibilities include:

- Performing functional and environmental test procedures on completed assemblies
- Using bench test equipment including oscilloscopes, multimeters, and power supplies to diagnose failures
- Performing basic soldering, wiring, and cable harness assembly to IPC standards
- Following ESD handling procedures and quality control checklists
- Supporting rework and repair of assemblies to engineering specifications
- Maintaining accurate production records, test logs, and nonconformance reports
- Assisting engineers with root cause analysis on field returns or production failures
- Supporting configuration management by verifying correct components and revisions are used in production builds
- Gaining practical experience with military test standards and quality requirements in defense electronics manufacturing

Phase 3 – Junior PCB Design Engineer (Remaining Time in Internship)

In the final phase of the program, you will transition from the production floor into the engineering team and begin learning printed circuit board design under the mentorship of a senior electrical engineer. This phase directly bridges your hands-on manufacturing experience with formal engineering design work.



Electrical Engineering Intern Job Description Cont.

Responsibilities include:

- Learning PCB layout and schematic capture using industry-standard EDA tools
- Assisting in the design and layout of new PCB assemblies under direct engineer supervision
- Applying design-for-manufacturability (DFM) principles informed by your production floor experience
- Supporting design reviews and documenting design decisions
- Performing component research and datasheet analysis to support circuit design
- Assisting in the creation and maintenance of engineering drawings and bills of materials
- Developing an understanding of the full product development cycle from design through manufacturing

Qualifications

- Currently enrolled as a sophomore pursuing a B.S. in Electrical Engineering or closely related field
- Cumulative GPA of 3.0 or higher preferred
- Familiarity with basic circuit theory and electronics fundamentals through coursework
- Ability to read and follow technical documentation with a high degree of care and accuracy
- Strong attention to detail and willingness to develop hands-on workmanship skills
- Effective communication and the ability to work collaboratively in a team environment
- Prior soldering, electronics project, or lab experience is a plus but not required
- Must be a U.S. citizen or lawful permanent resident (ITAR compliance requirement)

What You Will Gain

This internship offers hands-on experience across the full spectrum of defense electronics—from production floor workmanship to PCB design—in a growing company serving the U.S. military. You will build a technical resume that sets you apart from your peers, develop professional relationships with experienced engineers, and gain direct exposure to ITAR-controlled defense manufacturing operations.

Strong performers will be considered for continued part-time employment during the academic year and full-time employment upon graduation.