

AvL Technologies is offering a 7-week paid internship for two high school seniors or recent graduates who have participated in a Robotics program or are enrolled in a STEM school or Career and Technical Education program focused on advanced manufacturing, mechanical, electrical, or software engineering.

This internship gives students hands-on experience in a professional manufacturing environment and the chance to apply what they've learned in school to real-world projects. Interns will rotate through several core departments and contribute directly to the production of AvL's parabolic antenna systems.

During the program, interns will rotate weekly through key departments at AvL to gain insight into the full manufacturing process:

- **Carbon Fiber, Paint & Surface Prep**, interns will assist with sanding, finishing, and preparing composite parts.
- **Wiring Fabrication**, they'll build and route electrical harnesses using soldering and crimping techniques.
- **Mechanical Fabrication & Assembly**, rotation will focus on part fitting, torque tool usage, and hardware installation.
- **Software & Enclosure**, interns will work with internal tools and assist with integrating components into system enclosures.
- **System Testing**, they will follow testing procedures to ensure each antenna meets performance standards and is ready for deployment.
- **Procurement & Quality Assurance**, rotation introduces students to vendor coordination, incoming part inspection, and quality control processes.
- **Engineering & Product Development**, interns will observe early-stage product design, assist with problem-solving tasks, and learn how innovation shapes the evolution of AvL's technology.

This is a working internship. Interns will be treated as part of the team and are expected to follow all company safety protocols and conduct policies. Each rotation is designed to provide real-world experience through teamwork, applied skill, and technical excellence that define AvL's manufacturing operations

Program Timeline

- Applications will be accepted from February 1 through March 1, 2027
- In-person interviews will be conducted between March 8 and March 26, 2026
- 2 internship offers will be extended on April 5, 2027
- Orientation and site visit will take place on June 11, 2027
- Internship program will officially run from June 14 through July 30, 2026

Eligibility Requirements

- Be 18 years old by June 11, 2027, Applicants must be legally authorized to work in the United States. AvL Technologies is unable to provide employment visa sponsorship for this position.
- Be a current high school senior or recent graduate who has participated in a Robotics program or are enrolled in a STEM school or Career and Technical Education program focused on advanced manufacturing, mechanical, electrical, or software engineering.
- Must be able to pass a background check and drug screening.

Schedule & Pay

- Hours: Monday-Friday; 40 hours per week
- Pay: \$15.00 per hour
- Location: AvL Technologies, 15 N Merrimon Avenue, Asheville, NC 28806
- Positions Available: 2

Intern Expectations

- Be punctual, professional and follow all safety protocols at AvL Technologies
- Must be able to attend orientation on June 11, 2027
- Work a full 40-hour schedule throughout the internship
- Participate actively in department rotations and be a respectful, contributing member of the team