

2026 ADVANCED MANUFACTURING SUMMER INTERNSHIP APPLICATION

Deadline: December 5, 2025

Are you a graduating high school senior ready to take the next step toward a career in advanced manufacturing, aerospace, or defense? This summer, gain hands-on experience and explore exciting career paths where innovation meets real-world application. Apply now and take your first step toward an extraordinary career!

Internship Dates:	June 1- July 31, 2026 No Work on 4 th of July Week
Work Hours:	8:00 a.m. - 4:30 p.m. Monday - Thursday Fridays as needed
Internship Location:	Raytheon Technologies 19859 Us 80 Forest, MS 39074
Who's Eligible:	Graduating High School Seniors
Compensation:	Paid Internship, Hands-on Training & Mentorship
Application Deadline:	December 5, 2025

Scan To Apply



FREQUENTLY ASKED QUESTIONS

LOGISTICS AND PARTICIPATION

What will I learn from the experience?

You'll gain valuable insight into the advanced manufacturing industry, learning how manufacturing and engineering disciplines collaborate to design, build, and deliver high-tech products. Interns will:

- Complete entry-level, hands-on training specific to the company
- Shadow engineers in multiple departments
- Develop teamwork, problem-solving, and communication skills

If I have a senior trip planned, do I need to cancel?

No. There will be a section on the application to indicate a senior trip or family vacation. Interns will miss work during that time and will not be paid for the missed days. Because of the hands-on nature of this internship, there is no way for the company or partners to make up missed training.

How many Fridays will interns work?

Interns will only work on Fridays if a training session with MSU CAVS-Extension is scheduled. These dates will be finalized in mid-spring 2026 and shared well in advance.

What will we do on Fridays?

Fridays are reserved for training provided by Mississippi State University's CAVS-Extension. Sessions may include topics such as Problem Solving, Project Management, Lean 101, Industry 4.0, and Financial Fundamentals.

Most sessions will be held at Raytheon Technologies in Forest, with the exception of Industry 4.0, which will take place at the MSU CAVS-Extension Center in Canton, MS. Training is not optional and typically runs from 8:00 a.m. to 3:00 p.m.

Is transportation provided?

No. Interns are responsible for their own transportation to and from the Raytheon Technologies worksite in Forest, MS and to any scheduled CAVS-Extension training sessions. Reliable transportation is essential, as interns are expected to arrive on time each day and maintain consistent attendance throughout the program.

What should I wear to work?

The internship follows a Smart Casual dress code. This means neat, professional, and comfortable clothing that allows you to move safely in a manufacturing environment. Examples include khaki or dress pants, polo or button-down shirts, and closed-toe shoes. Shorts, leggings, ripped jeans, sleeveless tops, or sandals are not allowed. Interns must always dress appropriately to represent themselves, their school, and their community in a professional manner.

Will I need special safety gear?

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FREQUENTLY ASKED QUESTIONS

LOGISTICS AND PARTICIPATION

Is housing provided for those who live far away?

No. Housing is not provided. Interns must live within a reasonable commuting distance to the worksite in Forest, MS, or make their own arrangements for transportation during the internship period.

What happens if I get sick and can't come to work?

Attendance and communication expectations are outlined in the Intern Conduct Agreement. If you are unable to attend work for any reason—such as illness or a family emergency—you must notify both your on-site company supervisor and the Career Coach Manager as soon as possible. Unexcused absences or repeated attendance issues may affect your participation in the program.

COMPENSATION & REQUIREMENTS

Is this a paid internship?

Yes. This is a paid internship opportunity. Interns will earn \$17.50 per hour for hours worked at Raytheon Technologies and receive a \$10.00 per hour stipend for CAVS-Extension training sessions provided by Mississippi State University. Interns are expected to log all hours accurately through the designated timekeeping app and will be paid twice per month on Fridays.

Please note: the training stipend is paid instead of the regular hourly wage during training sessions—it is not in addition to the \$17.50 hourly rate. In addition to hourly \$10/hour stipend, interns will earn an industry-recognized certification through the MSU-CAVS Extension training program. The tuition and training costs for this certification are fully covered by the program, so there is no cost to the student.

Will taxes be taken out of my pay?

Yes. Taxes will be withheld from your Raytheon Technologies hourly pay (\$17.50/hour) just as they would be for any employee. However, the CAVS-Extension training stipend (\$10/hour) is classified differently and will not have taxes withheld. Interns will receive detailed pay documentation from the payroll service provider, which can be used when filing taxes.

What identifying information will I need to work?

All interns must be U.S. citizens and legally eligible to work in the United States. During the onboarding process, interns will be required to provide proof of identity and work eligibility, including:

- Social Security Number
- Drivers License
- Birth Certificate

How will I get paid?

Interns will record their hours worked using a mobile timekeeping app. The company administrator will approve hours every other Monday, and interns will be paid twice per month on a Friday.

What if I don't have a checking account?

If selected, interns must open a checking account for bi-weekly direct deposit payments. Payment cannot be made through cash, PayPal, or other platforms.

FREQUENTLY ASKED QUESTIONS

PROGRAM EXPERIENCE

How will I be communicated with?

Three groups will connect with you throughout the program:

- Raytheon Technologies – workplace information and scheduling
- Career Coach Manager – program coordination and support
- Sirius Workforce Services – payment and timekeeping setup

All program communication will occur through the GroupMe app. Payment communication from Sirius will come via email or phone.

What are the expectations for student conduct?

Interns are expected to demonstrate professionalism at all times and to represent themselves, their school, and their community with pride.

Before beginning the internship, each student will sign a Internship Conduct Agreement outlining expected behavior, attendance, and workplace standards.

If an intern fails to meet these expectations, the Career Coach Manager and company supervisor will meet with the student to address the issue and document it in writing. Continued failure to meet expectations may result in removal from the internship program.

In short—you'll be treated like an employee. Great attitude, good communication, and accountability matter!

What about lunch?

Interns will receive a 30-minute lunch break each day. There is an on-site cafeteria, with meals typically costing \$8-\$12. Most interns choose to bring their own lunch, as the cafeteria includes areas to store and warm food. There are limited restaurant options nearby, which is why most interns eat in the cafeteria or bring lunch from home.

Interns who leave campus for lunch must return within the 30-minute time frame. Returning late is considered a violation of the Internship Conduct Agreement and will be documented.

Will there be a final project?

Yes. Interns will complete a culminating project at the end of the internship. This includes participating in mock interviews with senior company executives and presenting to company and community leaders about what they learned during the program.

Throughout the internship, students are expected to reflect on their experiences, document their progress, and be prepared to communicate what they've learned effectively and professionally.

FREQUENTLY ASKED QUESTIONS

PROGRAM EXPERIENCE

Will I have a Mentor?

Yes. Each intern will be assigned an on-site supervisor who will guide day-to-day activities and ensure safety and productivity. In addition, interns will have the opportunity to learn from multiple mentors throughout the program—ranging from skilled technicians to engineers representing several disciplines.

Experiences will vary and may include:

- Hands-on learning in classroom or lab settings
- Job shadowing with technicians on the production floor
- Observing and assisting engineers in different departments

This structure allows interns to experience the full scope of how engineering and manufacturing teams collaborate to solve real-world challenges.

Can this experience count toward school credit or community service hours?

No. Because this is a paid internship, it does not qualify for school credit or community service hours. However, interns are strongly encouraged to list the experience as “Work Experience” or “Career Exploration” on résumés, job applications, and college essays. It demonstrates real-world exposure to advanced manufacturing, engineering, and teamwork in a professional setting.

Can I use this experience on College or Scholarship applications?

Absolutely. Participation in this internship showcases initiative, career readiness, and exposure to cutting-edge technology fields. Interns can highlight the experience in college essays, scholarship applications, or interviews to demonstrate leadership, technical curiosity, and real-world learning in engineering and manufacturing.

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ELIGIBILITY & APPLICATION

Who is eligible to apply?

High school seniors graduating in May 2025 who live within the South Central Mississippi Works Workforce Area or the Twin Districts Workforce Area are eligible to apply.

Do I need prior work experience?

No prior work experience is required. However, applicants should have an interest in STEM, manufacturing, or engineering and a desire to learn through hands-on experience.

What do I have to submit?

Applicants must complete the online application form and then email the following documents in one message:

- Resume
- Two letters of recommendation from an instructor, counselor, or school administrator

This is a competitive program, so students are encouraged to work with their Career Coach to prepare their materials and highlight not only academic achievements but also extracurricular involvement, leadership, and community activities.

What happens after I submit the application?

After the application deadline, the company will review all submissions and invite selected students to participate in virtual interviews. Each interview will last approximately 15 minutes and will be conducted by a panel of company employees using Microsoft Teams.

How will I know if I have been selected?

All interview invitations and selection notifications will be sent via email, so applicants should check their inbox (and spam folder) regularly. Be sure to use an active email address that you check frequently during the application process.

FREQUENTLY ASKED QUESTIONS

PARENT INFORMATION

Will parents receive updates during the internship?

No. After the interest meetings, all communication will be directed to the intern. This program is designed to help students gain independence and experience real-world workplace expectations. Interns are responsible for managing their schedules, communication, and performance.

Who should parents contact with questions or concerns?

While parents are welcome to ask general questions before the program begins, once the internship starts, the intern is the primary point of contact. The Central Mississippi Planning & Development District (CMPDD), South Mississippi Planning and Development District, and Raytheon Technologies will communicate directly with interns and will not be able to share updates or details with parents due to workplace and privacy policies.

Why can't Internship Administrators communicate directly with parents?

Once interns begin the program, they are considered temporary employees of the company. As such, employee privacy and workplace communication policies apply. This ensures a professional environment where students learn to take ownership of their experience and handle communication appropriately.

How can parents support their student?

The best way to support your student is by encouraging them to:

- Communicate directly with their supervisor or Career Coach Manager when they have questions
- Arrive on time each day and take responsibility for attendance and performance
- Reflect on their learning and share what they've experienced with you at home

This approach helps students develop independence, accountability, and confidence—skills that will serve them well in future employment and education.

What if there's an emergency?

Each intern will provide an emergency contact during onboarding. If any unforeseen situation or emergency arises, Internship Administrators or the company will immediately reach out to the designated emergency contact. Parents can be assured that student safety and well-being are always top priorities.