



Manufacturing Engineering Intern (2026)

Date: 02/27/2026

Role Overview:

The candidate will support the build sequence of Fusion and Friction Stir Welded Pressurant and Propellant tanks used in spaceflight hardware by assisting with a variety of tasks under the supervision of the Manufacturing Engineering team. This includes working closely with engineering methods, processes, and step-by-step instructions to turn engineering drawings and technical requirements into detailed mechanical assemblies, weldments, tank liners and completed carbon-overwrapped pressure vessels. This internship will encourage working with Production Operations, Tooling Engineering, Design Engineering, Test Engineering, and Quality Assurance. The position will include completion of an assigned project, with regular project updates and a final presentation to the Manufacturing Engineering and Vivace Leadership team.

Job Location: NASA Michoud Assembly Facility - 13800 Old Gentilly Rd Building 101, New Orleans, LA 70129

Period of Employment: June – August 2026 (Estimated 6/1 – 8/7)

Hours per week: 9/80 schedule with every other Friday off, 9 hour days 6AM – 3:30PM

Number of available slots: Two (2)

Requirements:

- Ability to work in a team environment and a strong desire to learn continuously.
- Strong organizational and written communication skills, including presentation skills and the ability to interface effectively with management and customers in a professional and courteous manner.
- Have good time-management and organizing abilities and be a self-starter.
- Enrolled in Mechanical, Industrial, Aerospace Engineering, Materials Science, or Engineering Technology degree program, entering Junior or Senior year.
- Preferred to have some hands-on or applied engineering and/or manufacturing experience whether in an extra-curricular or job outside of degree program.

Benefits:

- Experience with cutting-edge technology, processes and engineering offers learning and opportunity that supersedes that which can be obtained in a classroom
- Learn welding, mechanical and chemical processes and precision tooling implementation
- Opportunity to contribute to humankind-wide missions to support sending hardware and humans into low-earth orbit, hypersonics, for lunar missions
- Opportunity to obtain employment pending successful completion of the internship

Candidate must be U.S. citizen.
