

## **Overview:**

**PARTNER:** NASA – John F. Kennedy Space Center

**INDUSTRY:** Multiuser Spaceport, Research & Technology, Engineering

**LOCATION:** Kennedy Space Center, FL

Florida, we are Go for launch! KSC is America's hub for Government and Commercial space launch activity. NASA/KSC Engineering offers opportunities in the field of aerospace engineering, mechanical engineering, electrical engineering, electronics engineering, civil engineering, structural engineering, construction management, industrial engineering, engineering technician, research and technology, management and program analyst and professional administration. With launch providers spanning from NASA to SpaceX, to Boeing, to Blue Origin, to United Launch Alliance to Northrop Grumman, Florida's Space Coast is busting with rocket launches to low-earth orbit and beyond! This externship will allow you the opportunity to have up close exposure to rocket science, technology development, innovation, commercial partnership and science and research. Our goal is to provide tools that will foster the spirit of networking, entrepreneurship, and innovation.

## **Job Description w/Responsibilities:**

Serves as an Extern within the Engineering Directorate located at NASA, Kennedy Space Center, FL. The engineering disciplines includes, but is not limited to, as aerospace, chemical, electrical, electronic, industrial, mechanical, etc.

Responsible for applying a systematic, disciplined systems engineering approach to the development, operation and maintenance of major subsystems-level development efforts throughout a project life cycle. The work includes system engineering support provided to one or more of the many complex engineering development project efforts for which the Directorate is responsible and integrates one or more advanced technology systems or subsystems extensively affecting the overall effort.

## **Desired Skills/Qualifications:**

Compressive knowledge in applying, the theories, principles, concepts, methods, and practices of professional aerospace engineering and related engineering, physical science, and mathematics disciplines sufficient to conceive and apply experimental theories and new development applications to extend and modify theories, concepts, and assumptions; resolve unique or novel problems, conditions, and issues.

Seeking a BS or higher degree in an appropriate field of engineering (not engineering technology), physical science, mathematics, or computer science is required.

## **Schedule Overview:**

40 hours per week  
Monday through Friday