



# Digital Engineering Aerospace and Defense Systems Design Center

## @Huntsville

Aerospace Center & W.M. Keck Center  
The University of Texas at El Paso



W.M. KECK CENTER  
FOR 3D INNOVATION

### Multiple Positions Open

**About DEDC:** Digital Engineering Aerospace and Defense Systems Design Center [DEDC] @ Huntsville is an academic-industry interchange operated by the University of Texas at El Paso (UTEP) Aerospace Center and W. M. Keck Center for 3D Innovation. DEDC is a convergence of immersive project-based learning industry-inspired learning activities, pre-professional experience, informal learning, and just-in-time learning to prepare next-generation aerospace and defense workforce with transformational digital engineering skills. The Design Center fosters a strategic partnership with Aerospace and Defense Contractors, America Makes, National Center for Defense Manufacturing and Machining (NCDMM), Advanced Manufacturing Innovation and Integration Center (AMIIC), Western Tech, & El Paso Chamber.

**Positions:** Engineering Intern/Hourly Positions

**Job Description:** The positions will contribute to a fast-paced and growing team supporting the technology advancement for the aerospace and defense sector. In this position, the individual will be expected to learn the ins-and-outs of the team's daily routines and procedures. Interns would be expected to perform digital engineering, preparing information and research materials, prepare presentations, and attend functions and networking events.

Engineering interns are sought to support Hardware Development, Systems Engineering, DevSecOps, and Test & Evaluation teams for hypersonics and small satellite areas. Interns will support the development of products on all aspect of the engineering development cycle to apply current and further develop engineering skills. Including, not limited to, the development of system/subsystem requirement development, product computer aided model (CAD), computer simulations (structural, fluid, SPICE, circuit), design and test of mixed signal and digital embedded systems, support ranging from schematic capture to PCB development, programing (C, C++, Python, Verilog VHDL), working in Siemens & Unix environments and data analytics, technical drawings & schematics, product troubleshooting, development and review of standard operating and safety procedures. Internship will be located in the Advanced Manufacturing Innovation and Integration Center facility in Huntsville,AL.

**Classification:** Undergraduate Students (Junior and Senior level) or Graduate Student

**Positions Available:** 24

**Majors:** Engineering (preferred majors below)

- Aerospace Engineering
- Computer Sci/Computer Engineering
- Electrical Engineering
- Materials Engineering
- Mechanical Engineering
- Systems Engineering
- Software Engineering

**Requirements:**

*Conditions of employment*

- You must be a U.S. citizen to apply for this job
- Accepted for/currently enrolled in a qualified educational institution
- Subject to a background/security investigation
- Selected applicants will be required to complete an online onboarding process
- Work Schedule: Part Time (minimum 20 hrs.)
- Telework Eligibility: This position is NOT telework eligible
- Travel Required: Yes

**How to Apply:**

*Required Application Materials:* Resume, Unofficial Academic Transcript

*Send Application Materials to:* [cSETR@utep.edu](mailto:cSETR@utep.edu)

*Email Subject Line:* DEDC Engineering Intern Application

