
Electrical-Engineer I

Job ID#: 2022-017A
Regular/Temp: Regular
Full-Time/Part-Time: Full-Time

3 Steps to [CME Hiring](#):

1. Complete Application at [ApplicantPro](#)
2. Take **Both** Predictive Index Assessments
3. **Gather Info for Interview:** Last 2 W2's, Complete Background Check Form, COVID-19 Vaccination Card

Job Summary: CME is looking for a person with a passion for developing and innovating products & solutions! We have an exciting opportunity for the right person to become our Electrical Engineer I. As an Electrical Engineer I at CME, you will research, develop, design, prototype, and test electrical (Analog, Digital, Power, and/or RF/Microwave) components, equipment, systems, sub-systems, and networks for industrial and defense/space applications. As an Electrical Engineer you'll have the opportunity to work on a variety of electronic, electrical, and electro-mechanical systems, subsystems, and subassemblies.

Duties and Responsibilities:

- Researches, plans, and designs electrical and electromechanical products and systems
- Coordinates activities involved in the documentation, drafting and design process of electrical or electromechanical products and systems
- Design's subsystems such as primary power distribution, electrical/electronic controls, robotic control systems, system/subsystem power delivery, and electrical control interfaces
- Plans, designs, and documents electrical and electromechanical subsystems
- Coordinates fabrication and testing activities to ensure products and systems conform to engineering design specifications
- Works with existing vendors for development of specialized production parts and procedures
- Works closely with software and mechanical developers to integrate systems operation
- Performs other duties as assigned

Job Qualifications:

- Demonstrated ability to work and communicate effectively with individuals and on diverse teams
- Create & interpret drawings, schematics, technical journals and papers, and other related material

- Create & develop technical reports as well as present technical material
- Ability to travel (up to 20%) to customer and/or vendor sites
- Ability to use OrCAD PCB Designer, schematic capture programs, and simulation programs a plus (e.g. electromagnetic, circuit, etc.); SolidWorks Certified (preferred)
- Ability to plan and independently work on projects including working with other engineering resources on cross-functional teams

Minimum Requirements Needed:

- **Bachelor degree in Electrical Engineering**
- **Electrical Engineering experience in electronic systems and/or power supplies**
- **COVID-19 Vaccinated.**
- **Completion of Require Predictive Index Assessments (behavior & cognitive), Background Check, Reference, Credit, & Drug Testing**
- **Positions with CME require access to controlled goods and technologies subject to the International Traffic in Arms Regulations or the Export Administration Regulations. Applicants for these positions need to be "U.S. Persons," per regulations. Generally, a "U.S. Person" is a U.S. citizen, lawful permanent resident, or an individual who has been admitted as a refugee or granted asylum. CME cannot accept any person for employment who does not meet employment eligibility requirements, E-Verify verification, and/or is in the U.S. under a student (F1 and/or OPT, J1, or M1) and/or temporary work visa.**

Travel Percentage Required: Minimal & Usually Local to Vendors. 0% -20%

[Custom Manufacturing & Engineering, Inc.](#) (CME®) is a 25 year old award-winning Tampa Bay small business which designs and manufactures custom-engineered and build-to-print/spec products/systems. Our team works with aerospace/defense and industrial customers to produce cables & wire harnesses, power supplies & distribution equipment, special test equipment; CME's products are used by the US military and other industries around the world. CME is also a big supporter of STEM as well as sustainable efforts & education including: www.solar4STEM.com

CME operates on the EOS System and company focused on a Culture of Accountability. Our 5 Core Values drives everything we do as employees and the results for our customers. CME's 5 Core Values are: Resolves Problems, Works with Energy & Passion, Challenges Themselves, Serves the Customer-Protects CME, and Delivers! To read more about our company culture and values, please go to: <https://www.custom-mfg-eng.com/careers.html> and click on the tab "Culture of Accountability."

CME is an Equal Opportunity/Affirmative Action Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, pregnancy, sexual orientation, gender identity, national origin, age, protected veteran status, or disability status.

In compliance with U.S. federal law, all persons hired will be required to verify identity and eligibility to work in the United States; CME cannot accept any person who does not meet employment eligibility requirements, E-Verify verification, and/or is in the U.S. under a student (F1 and/or OPT, J1, or M1) or temporary work visa.

Removal Date: 01-June 2022