

**Electrical Engineer - Job ID 11397**

**Allen Park, MI**

**Removal Date: August 25, 2016**

Roush supplies comprehensive, integrated development services and provides customers with support that fuses technology and engineering. From design through prototyping, testing and manufacturing, we take our customers' visions from the sketch pad to production. We're focused, efficient, and we deliver. With over 3000 employees in more than 40 facilities across the United States, and interests around the world, Roush solves customers' problems and provides significant support to the automotive, performance products, military, entertainment, alternative fuels and consumer products industries. We are focused on performance, driven by technology, and committed to our customers' success. If you're only happy when your customers are happy, we want you on our team.

Are you an electrical engineer looking for a dynamic company to join? Due to our steady growth, we have an immediate opening for an electrical engineer who will be expected to apply knowledge of engineering principles to assist in the design and development of electronic projects in various industries (e.g. automotive, aerospace, military and industrial equipment). This position is located at our Allen Park, MI facility.

**Responsibilities:**

- The electrical engineer will design and develop wiring architecture, wire harness routing, power distribution, electrical system needs and requirements.
- Integrate wire harnesses, connectors, sensors, switches, and electrical components into overall vehicle architecture.
- Develop electrical system functional and validation test requirements.
- Identify and mitigate major electrical system failure modes and effects.
- Hands on support of prototype vehicle and hardware builds
- Perform in-vehicle testing and assist with vehicle assembly.
- Participate in vehicle drives and demonstrations.

**Qualifications:**

- Bachelor's degree in Engineering (Mechanical or Electrical preferred).
- The electrical engineer will have 2 - 5 years of experience in vehicle electrical systems.
- Experience with Mentor Graphics software is preferred.
- The electrical engineer will have experience with the development and maintenance of DVP&Rs, FMEAs is preferred.
- Ability to work in a team environment and utilize others in the organization to deliver quality products.
- Excellent written and verbal communication skills.
- Ability to travel as needed

To apply, please visit the Roush careers page by clicking on this link: <http://careers.roush.com>

Our benefits include: medical, dental, vision, life insurance, LTD, 401K, tuition reimbursement, paid vacation, and paid holidays.

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