



Electrical Hardware Engineer

DeltaTech Controls is a leading global supplier of advanced operator controls and integrated systems for the off-road vehicle, motorcycle and medical equipment markets. We are a dynamic and growing company that partners with the industry's leading OEM's to provide differentiating next generation controls.

Our products help to simplify operation, increase reliability, and improve productivity in a broad range of applications. Core products include vehicle electronic control systems, electronic joysticks, multi-function grips, and electronic displays.

We have an exciting opportunity for an outgoing, self-motivated individual to join our team in the role of an Electrical Hardware Engineer.

As an Electrical Hardware Engineer you will;

- Work as part of a project team and be responsible for product design and development tasks including electrical schematics, component selection with design/cost trade-off analysis, proto builds, design verification testing, and preparation of production documentation and fixture design.
- Creation of project development costs, product unit costs, project task scheduling with critical path management.
- Communication with internal project team, project manager and external customers are also essential components of the position.

Qualified candidates will possess the following;

- A BSEE and 7 years of related experience.
- Digital and analog circuit design experience with PCB fabrication, PCB assembly, and PCB/A processes and vendor management is required.
- Comfortable working hands-on with small microprocessor based hardware.

Ideal candidates will also have;

- Industrial electronic design experience, familiarity with testing certifications (SAE, ISO, CE, UL, etc.).
- Pspice, LT spice or other electronics design simulation software.
- OrCad (preferable) or other schematic capture software is a plus.
- Knowledge of CAN (including CANopen, J1939) is a plus.
- C/C++ embedded programming (Hitachi, Infineon, Microchip, Atmel microprocessors) without the use of embedded operating systems, or;
- Windows based visual programming (Visual C++, Visual Basic).

- Strong project management skills; including estimate timelines, costs, deliverables, documentation, lab work, and development time vs. product cost trade-offs.
- The ability to multitask projects and everyday activities that arise.
- Possess excellent inter-personal skills and a high level of communication skills.

Qualified candidates may submit their resume with salary requirements to;

DeltaTech Controls
Attn: Human Resources
5288 Valley Industrial Blvd. S.
ShakopeeMN 55379
Fax: 952-233-9755
Email: resume.submissions@deltatechcontrols.com