



Electrical Engineer

Victoria, BC

On behalf of our client, **Forest Technology Systems (FTS)** a member of **Advanced Environmental Monitoring (AEM)**, we have a terrific opportunity for a results-driven **Electrical Engineer** to join their growing **Victoria**-based company. The Electrical Engineer will continue to build and manage new and existing hardware data-loggers and high-end environmental sensors. The Electrical Engineer is responsible for designing and delivering high-quality products within the product development lifecycle.

If you are an Electrical Engineer looking for challenges in designing low-power electronics for remote sensor, data acquisition and telemetry equipment, and that leverages solar charging capabilities while sampling environmental conditions with high accuracy, we encourage you to consider this unique opportunity.

With climate change on world-leaders minds, FTS is uniquely poised to help measure and provide the data to help leaders shape society's interaction with the environment around them. Join FTS and be a part of a leading edge environmental monitoring technology company supporting wildfire and hydrological command centers with real-time data that saves lives, property and ultimately the environment.

Responsibilities of the Electrical Engineer include:

- Strong understanding of electrical engineering concepts and the tooling used to design, build and debug electronic systems.
- Design, Prototype, Develop and Debug PCBs and PCAs.
- Work with contract manufacturing houses to fabricate and build custom hardware.
- Researching and obtaining first-articles of hardware for use in FTS products.
- Bill of materials (BOM) creation and maintenance.
- Documentation and Design within standard design repositories.

To find out more about the role, be sure to review the Job Description at www.TallSky.ca

Advanced Environmental Monitoring (AEM) is combining global leaders to provide reliable and innovative environmental monitoring and analysis solutions. Our family of innovators offer world-class technologies and services, including sensors, dataloggers, telemetry, and software that provide advanced analytics and prediction. These technologies enable decision makers to improve their reaction time to weather and environmental events, helping to protect communities, people, and infrastructure.

As part of the AEM family of innovators, FTS helps build resilient communities by reducing the impact of extreme weather events through reliable, secure, and innovative situational awareness. For over 40 years, FTS has been designing solutions for mission-critical applications all over the world.

Our ideal Electrical Engineer brings:

- B.Sc. or M.S. in Electrical Engineering, Computer Engineering, or related discipline.
- Minimum of 3 years of industry experience creating embedded systems, including schematic design and PCB layouts.
- Strong experience with creation of PCB/PCAs from scratch.
- Demonstrated aptitude for development and debugging analog and digital electronic products.
- Familiarity with electronics systems that are low power and are powered via solar power.
- Experience designing modern low power consumption surface mount PCAs as well as tooling to measure and monitor power consumption.
- Experience with Altium Designer, version control systems for software and CAD systems.
- Experience managing external partners to help accelerate product development.
- Ability to work well in a group and coordinate development efforts with electrical, mechanical, and software engineers.

How to Apply:

After reviewing the full Job Description at www.TallSky.ca qualified applicants for the role of Electrical Engineer are encouraged to apply in confidence to [TallSky Consulting](#) with a resume and covering letter that indicates how your education and experience meet the requirements of this position. ***This position is based in Langford, BC.***

We thank all candidates who apply; however after initial acknowledgement of application, only those selected for further consideration will be contacted.