



Job Description

Position Title: Production Technician

IDEAS Engineering & Technology, LLC (IDEAS-TEK) provides innovative and cost-effective electronic and embedded solutions for mission-critical systems with a focus on the rapidly-growing space market. Our team is working to enable the next generation of high-reliability space platforms by combining our expertise in developing cost-effective, Rad-Hard ASICs, with our ability to apply today's high-performance commercial electronics in space environments. IDEAS-TEK's core competencies include digital microelectronics, high-performance and high-reliability embedded systems, and computing and sensing systems, while our company track record includes returning clients from across the US aerospace industry and multiple scientific payloads deployed aboard satellites and the International Space Station. Recognized in 2018-2021 by New Mexico Technology Flying 40 as one of the fastest growing companies in NM, IDEAS-TEK is looking for an experienced **Production Technician** to fill a full-time position.

Summary

Evaluate and recommend laboratory equipment maintenance and improvement to streamline production processes and improve overall efficiency. Evaluate designs, create bill of materials by selecting parts according to the project requirements, assure precedence of parts and follow counterfeit prevention policies and procedures. Assist with all matters of part purchasing. Review and complete printed circuit board designs and assist with its production by selecting providers and interacting with them to obtain the best price and quality for the company.

Duties and Responsibilities

- Perform equipment failure analyses (including preventive and unscheduled maintenance). Troubleshoot and diagnose the more complex equipment problems.
- Perform product and prototype acceptance, evaluation and debugging as needed.
- Prepare technical reports to document equipment and/or design modifications and design maintenance/testing procedures.
- Support the computer-aided engineering (CAE) design engineering process for products or components.
- Assist with the creation of prototypes, layouts, and models for product components, a system, or a manufacturing process using CAE tools.
- Check and verify layouts and results of analysis for accuracy and adherence to standards. Collect, validate, and prepare data required for CAE processes.
- Assemble and/or rework circuit cards as needed.

Knowledge, Skills and Abilities Required

- Ability to communicate effectively, both orally and in writing; and to create, compose, and edit written materials.
- Attention to detail and record maintenance skills.
- Expert soldering skills

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- Ability to obtain IPC certification for soldering and inspection of circuit card assemblies.
- Demonstrated ability to maintain confidentiality.
- Requires an associate degree in electronics, a related discipline, or equivalent and demonstrated experience in the field.

Working Conditions and Physical Effort

Work is normally performed in a typical interior/office work environment, with no or very limited exposure to physical risk and limited physical effort required.

IDEAS-TEK offers a competitive base salary and an ever-growing comprehensive benefits package, including company sponsored medical plans, dental, a retirement plan with matched company funds, paid vacation and sick time, flexible work schedules, and paid holidays. IDEAS-TEK is an equal opportunity employer and does not discriminate on the basis of race, religion, color, national origin, age, sex, gender, gender identity, gender expression, genetic information, disability or any other characteristic protected by law.