

Applications Engineering Intern

Overview

Baccara USA pride ourselves on the relationships and partnerships built with customers to provide tailored assemblies to solve their business requirements. We focus on providing engineering expertise and design solutions for our customers, working with manufacturers to identify assembly requirements, and collaborating with internal teams to build complete electrical and mechanical assembly solutions to fit our customer's needs.

Job Description Summary

The Applications Engineering Intern is responsible for assisting the Applications Engineer/Manager in providing technical expertise, project management, and ensuring successful delivery of engineering solutions to Baccara customers. This role involves understanding top level and sub level project builds, their individual components, and associated work instructions. This position will act as a bridge between the Production floor, Engineering, and Procurement to ensure that correct components are sourced and delivered, finding suitable replacements if needed, and fixing any issues with the work instructions. The ideal candidate has experienced in electrical and/or mechanical subjects, successfully manages multiple projects, and has a customer service focus to assist communication between Production and Engineering.

Responsibilities:

- Collaborate with production to understand their technical requirements and challenges
- Propose solutions to meet production's needs within company's capabilities
- Monitor project progress, identify risks, and implement effective mitigation strategies
- Regularly communicate project status, updates, and any changes to Engineering
- Work closely with production to ensure product is built to specification
- Ensure engineered solutions meet quality standards and comply with regulations
- Identify opportunities for process improvement and implement best practices
- Develop technical presentations and proposals
- Reverse engineer customer sub-assemblies
- Identify suitable components and sources based on BOM parts
- Develop and manage production work instructions
- Build first articles assemblies

- Design and implement fixtures for testing, inspection, and assembly
- Troubleshoot production, quality, and vendor part/delivery issues
- Other responsibilities as required by management

Qualifications:

- Knowledge in product design a plus
- Must be proficient with Microsoft Office
- Excellent verbal, written, and interpersonal communication skills
- Must be able to handle multiple projects at one time
- Must be self-motivated – able to drive projects with little guidance
- Knowledgeable of UL Certification a plus
- Ability to work in high stress environment
- Strong interpersonal and communication skills
- Excellent organization and time management skills
- Strong problem-solving and analytical skills
- Customer-focused mindset with a commitment to delivering high-quality solutions