



Application Engineer

The Applications Engineer supports SemiNex's marketing, product management, and customer engagement activities by serving as the technical interface between customers, Sales, Engineering, and Operations. This role combines hands-on technical support with marketing execution, including development of product literature, website updates, and support for new product introductions (NPI).

Reporting to the VP of Marketing & Product Management, the Applications Engineer supports technical customer inquiries, assists with testing and qualification, engineering change orders, and contributes to branding, content creation, and industry-facing communications.

Responsibilities:

- Serve as the technical liaison between customers and internal teams to support product selection, design-in, and application-specific solutions.
- Respond to technical customer inquiries and coordinate deeper technical support with Engineering as required.
- Support new product introductions (NPI), including product testing, specification development, and technical content creation.
- Develop and maintain product literature, datasheets, application notes, presentations, and collateral.
- Support website updates, press releases, product announcements, and marketing communications.
- Assist with exhibitions, conferences, trade shows, and industry events, including technical presentations and customer interactions.
- Contribute to social media and digital marketing activities in coordination with Marketing leadership.
- Prepare technical content for proposals, RFP responses, and customer presentations.
- Maintain accurate records of customer interactions, opportunities, and technical documentation in CRM and shared systems.
- Conduct application research to identify new use cases and opportunities across Data Centers, medical, LiDAR, industrial, and defense markets.
- Collaborate cross-functionally to support customer satisfaction, revenue growth, and long-term account objectives.

Qualifications:

- Bachelor's plus 3 years' experience or master's degree in engineering or a related technical field
- Strong understanding of optoelectronic or semiconductor devices; laser diode experience preferred
- Excellent written and verbal communication skills with customer-facing experience
- Proficiency with Microsoft Office; experience with Adobe or similar design tools a plus
- Familiarity with digital marketing platforms and social media tools is beneficial

Work Location:

Danvers, MA near Interstate I-95 and US Route 1. This role is factory based.

Company Background:

SemiNex is dedicated to pioneering the next generation of high-power laser diodes for mass-market applications such as data centers, LiDAR, home medical devices, laser range-finding, and industrial. Our high-power semiconductor diode lasers are recognized for their exceptional power and efficiency, setting a benchmark in the industry.

At SemiNex, we believe that our diverse and talented team is the key to our success. We foster an inclusive culture that values individuality, differences, and diverse perspectives. As a rapidly growing company, SemiNex offers continuous opportunities for career growth and advancement for all employees.