



LasX Industries, Inc.
4817 White Bear Parkway
White Bear Lake, MN 55110

651-407-0011 phone
651-407-0110 fax

www.lasx.com

Co-op Process Engineer Position Description

Job Title: Co-op Process Engineer
Department: Research and Development
Reports To: R&D Manager

Position Summary:

Highly motivated and energetic person to assist process engineering functions within the R&D team. The Co-op Process Engineer supports mechanical design activities, manufacturing activities, and quality control activities relating to the development of high-performance industrial laser systems as well as contract services that are provided on high-performance laser systems. He or she will work under the direction of the R&D Manager.

Major Duties and Responsibilities:

- ❖ Aids in the design, analysis, test, and manufacture of high-performance laser materials processing equipment.
- ❖ Improves existing equipment through engineering analysis and cost justification.
- ❖ Provides engineering support for internal projects.
- ❖ Assists in implementing production and ISO quality control systems.
- ❖ Develops process design, production plans, and quality control documentation for specific customers.
- ❖ Aids in the design and layout of laser materials processing equipment.
- ❖ Analyzes existing equipment and services to improve productivity and quality.
- ❖ Other duties as requested by LasX Management.

Desired Qualifications:

- ❖ Enrolled in 3rd year of Bachelor of Science in Engineering, Science, or equivalent.
- ❖ Knowledge of mechanical CAD software applications, especially 3D solid modeling programs such as SolidWorks
- ❖ Practical knowledge of mechanical components and fabrication techniques.
- ❖ Practical knowledge of manufacturing operations.
- ❖ Excellent verbal and technical writing skills.
- ❖ Ability to work in a team environment.
- ❖ Ability to represent LasX in a professional manner to customers and suppliers.

Physical Requirements:

- ❖ Working in a manufacturing environment.
- ❖ Standing and walking on a concrete floor.
- ❖ Extensive time working at a computer workstation.