FIRE PROTECTION DESIGN ENGINEER INTERN/CO-OP

Posting ID:                   Company Website:
Company: Southland Industries
Position Type: Internship/Co-Op
College Major(s): Mechanical Engineering (ME)

OVERVIEW
This internship/Co-op is designed to introduce candidates to a career in the design of Fire Protection systems.

Roles and Responsibilities
- Assists Senior Engineers and Designers in design tasks as required.
- Performs basic deliverables and product such as calculations, drawings, and specifications related Fire Protection systems under supervision of Senior Engineers.
- Perform basic calculations for a project, such as equipment selection, and sizing pipe etc.
- Assist in coordinating all aspects of the project design with project management, architect, and other trades through the completion phase of a project.
- Perform and check CADD drafting work.
- Review applicable codes and criteria and examine field conditions as required to support design of project.

Education and Qualifications
Pursuing a Bachelor’s Degree in Mechanical Engineering; 0-3 years experience in relate field. Completion of classes in Fluid Dynamics, Thermodynamics and HVAC Design is highly desirable.

Preferred Skills
- Basic know of Fluid Dynamics
- Ability to communicate with all levels of management, including project management and field trades.
- Competent with general business writing
- Has competency in basic computer skills to include CADD and Microsoft Office products (specifically Excel).

Physical Capabilities
- Ability to read and interpret technical documentation including CADD drawings, Blueprints, Submittals, etc.
- Ability to work at a computer terminal with mouse and keyboard for several hours per day
- Ability to visit job construction areas and climb stairs, maneuver in and around pipework and air ducts and work safely in close proximity to construction materials and equipment.

How to Apply
Send your Cover Letters and Resumes to Betty Ribble at BRibble@southlandind.com or call at 702-736-4041 if you have any questions regarding this internship.