FIRE PROTECTION DESIGN ENGINEER INTERN

**Posting ID:** IN19827465  
**Company Website:** [http://www.southlandind.com](http://www.southlandind.com)

**Company:** Southland Industries  
**Work Location:** Las Vegas, NV

**Position Type:** Internship - approximately 20 hours per week depending on school schedule  
**Salary:** Hourly, DOE

**College Major(s):** Construction Management (CEM), Mechanical Engineering (ME)  
**College Level(s):** Undergraduate-Sophomore, Undergraduate-Junior, Undergraduate-Senior

**OVERVIEW**

Southland Industries company goal is to perform all of our work with turnkey, full integrated life-cycle solutions. We're looking for someone who can help our Fire Protection design team. We're more than just sprinklers - if you're interested in our MEP company which promotes Connected Solutions, please review the job description below.

**Roles and Responsibilities**

**Position Description Summary:**

This internship is designed to introduce candidates to a career in the design of Fire Protection systems.

**Primary Duties, Responsibilities:**

• Assists Senior Engineers and Designers in design tasks as required.
• Performs basic deliverables and products 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, architects, 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**

**Knowledge, Skills and Abilities:**

Marian Mason | Internship & Career Services Coordinator | coecareer@unlv.edu | [https://unlv.edu/engineering/jobs](https://unlv.edu/engineering/jobs)

UNLV, Howard R. Hughes College of Engineering
-Basic knowledge 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.).

Education / Experience:

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

Physical Capabilities:

• Ability to read and interpret technical documentation including CAD 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 pipe work and air ducts and work safely in close proximity to construction materials and equipment.

How to Apply
Send cover letter indicating why you are interested in the Fire Protection Design Internship position and an updated resume to hrdept@southlandind.com. Include in the subject line - UNLV FP Intern Position Interest

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