Overview of 360 Energy Engineers:

360 Energy Engineers is a full service building systems engineering and Energy Services Company headquartered in Lawrence, Kansas, with an office in Denver, Colorado. We provide services in the design and implementation of building energy savings projects, energy management, mechanical HVAC systems design, energy and water savings measurement and verification, energy modeling, and building energy consulting. Our solutions are focused on the building energy performance for the higher education, K-12 education, healthcare, county government, and city government facility markets.

Electrical and Lighting Engineer I:

The Electrical and Lighting Engineer I is responsible for assisting and supporting the activities associated with the development of building energy conservation projects with a focus on Electrical, Lighting, and Lighting Control Systems. The ideal candidate will have a Bachelor's degree in Architectural Engineering or Electrical Engineering with an interest in building electrical, lighting, lighting control, and mechanical systems. The ideal candidate will also demonstrate success in the following skills and abilities:

Skills and abilities:

- Exposure to high-performance buildings and energy conservation is preferred.
- Be fully capable of working in design teams to assist in meeting the project goals in a team-focused environment.
- Possess excellent verbal and written communication skills as well as interpersonal skills. Demonstrates the ability to communicate ideas and concepts in both written and oral form.
- Professional designation as an Engineer in Training (EIT) is a plus.

Job Responsibilities:

- Perform on-site facility energy audits.
- Assist team in identifying and developing energy and water cost reduction solutions for existing buildings.
- Perform energy modeling and building simulations using energy modeling software packages, i.e., eQUEST.
- Calculate projected energy savings.
- Perform design of building electrical, lighting, mechanical, and alternative energy systems upgrades.
- Perform project cost estimates.
- Prepare energy assessment reports based on analytic findings which include detailed equipment specifications and cost savings analysis.
- Perform building lighting simulations, lighting design, and equipment selection.
- Design building electrical, lighting, and lighting control systems upgrades, including the production of construction drawings and specifications.
- Candidate must be proficient in Microsoft Word and Excel. Experience with AutoCAD, eQUEST and Microsoft Excel Visual Basic for Applications (VBA) are preferred.