



ELECTRICAL ENGINEERING II

Derive Engineers is a multidisciplinary consulting engineering firm of skilled, and passionate people based in New York, New York. The Derive team seeks to balance the rational pursuit of the engineering solution with the openness to serendipitous opportunity in support of the best design solution for our clients. Our firm's collaborative design process focuses us on projects in the cultural, higher education, commercial / institutional and master planning sectors across the country and the world.

We are looking for an open-minded [Electrical Engineering](#) to join this pursuit of engineering excellence within the built environment. Together we engineer the design journey.

This role includes the following [responsibilities](#):

- Design of electrical systems under the guidance of a professional engineer including: electrical distribution, grounding, back-up power, general power distribution, lighting design and control as well as fire alarm and lightning protection systems.
- Perform system design calculations and analyze electrical distribution options under the guidance of a professional engineer with industry standard engineering software.
- Review and learn relative building codes and standards.
- Prepare design documents to detail the power, lighting and fire alarm systems drawing (AutoCAD and Revit).
- Coordinate work with architect and engineers of other disciplines.
- Manage personal tasks for technical accuracy and timely delivery for day to day liaison with Senior Electrical Engineer.

The qualified candidate will have the following [experiences](#):

- Bachelor's Degree in Electrical/Architectural Engineering with a sound knowledge of electrical engineering fundamentals.
- Minimum of 2 years of experience with proven interest in the field of building design.
- Passed Fundamentals of Engineering (FE) exam with intent to become a Professional Engineer.
- LEED and/or Well accredited professional is preferred.

A successful candidate will display the following [traits](#):

- Self-motivated and enjoy collaborative problem solving.
- Good planning, organizational and communications skills.
- Interests in sustainable and innovative approach to design.
- Interested in learning and developing a career with Derive Engineers.

Derive Engineers understand that through collaboration, diverse people with different experiences develop the most innovative and elegant solutions. We actively promote inclusivity across the company to enable every individual to reach their full potential. This begins with a fair and inclusive recruitment process which focuses on skills, competencies and experiences in relation to the role. Derive Engineers is an equal opportunity employer and offers a competitive exceptional benefits package and the opportunity to prosper within a growing organization.