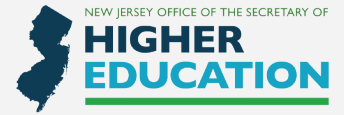


New Jersey Career Accelerator Internship Grant Program



Construction & Energy

Summer 2026 Internship Catalog

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Construction and Energy

HC Constructors, Inc, Whitehouse, NJ

Construction Project Engineer Intern, In-person, 1 funded position(s)

The Construction Project Engineer Internship at HC Constructors is an opportunity for students to learn the process of a heavy civil construction project life cycle with practical. This internship is designed to help the students use classroom knowledge and apply it to real construction projects. The intern will work directly with the Executive Vice President of Preconstruction and will provide technical support to the Estimating Team and Project Management Team.

Internship Responsibilities:

- Construction Project Estimating Support
 - Plan Reading: Learn to read and decipher civil and structural construction plans and drawings.
 - Quantity Take Offs: Perform material quantity take-offs and verify estimates. Training on performing take-offs will be provided.
 - Training will be provided on Bluebeam software for take offs
 - Use Microsoft Excel program to summarize take offs
 - Bid Pricing: Prepare material quantities for purchase, including calculating lengths of pipe, concrete volumes, and asphalt tonnage.
 - Review project plans with the Project Manager and Estimator to identify subcontractor and vendor requirements.
 - Develop Excel leveling sheets to assist in vendor and subcontractor selection.
 - Obtain three vendor quotes for major materials and subcontractor work, collaborating with the Estimating Department.
 - Bid Preparation: Learn and use heavy civil estimating software such as HCSS Heavy Bid to complete estimates
- Construction Project Management Support
 - Project Preparation: Learn and perform NJ One Call prior to work being started
 - Submittals: Assist in obtaining and reviewing information and approvals for processing of shop drawings, product data and samples. Assist in the communication of this information across all levels of the project team.
 - Scheduling: Work with Project Managers to get schedules into the software Microsoft Projects and to help facilitate Two Week Look Aheads schedules
 - Request for Information: Assist Project Managers in the submission and responses for Requests for Information (RFI's)
 - Site Visits: Visit active construction job sites to gather information critical for project execution and preparation

Desired Majors: Engineering

How to apply: Lpope@hcconstructors.com

Required Documents: Resume

Construction and Energy

Power Edison, South Plainfield, NJ

Engineering Intern, Hybrid, 2 funded position(s)

The Engineering Intern at Power Edison will support the design, analysis, and deployment of mobile and stationary energy storage systems used for grid support, resilience, and infrastructure applications. This role combines hands-on engineering exposure with technical marketing and proposal support, offering insight into how advanced energy technologies are engineered, positioned, and communicated to customers, utilities, and public agencies.

The intern will work closely with engineering, project development, and marketing teams to assist with system design, technical documentation, and the creation of engineering-based marketing materials. This position is ideal for students interested in power systems and energy storage who also want experience communicating technical value to non-technical stakeholders.

- The intern will work closely with engineering, project development, and marketing teams to assist with system design, technical documentation, and the creation of engineering-based marketing materials. This position is ideal for students interested in power systems and energy storage who also want experience communicating technical value to non-technical stakeholders. Assist with engineering analysis and preliminary design of mobile and stationary battery energy storage systems, including system sizing, power ratings, and deployment configurations.
- Support preparation of technical documentation such as system descriptions, single-line diagrams, equipment specifications, and operational concepts.
- Evaluate site feasibility and deployment scenarios, considering interconnection requirements, space constraints, safety considerations, and operational use cases.
- Collaborate with engineering and marketing teams to develop technical marketing materials, including system diagrams, performance summaries, use-case descriptions, and proposal content.
- Help translate engineering concepts and system capabilities into clear, accurate messaging for customer presentations, RFP responses, and external communications.
- Conduct technical and market research on energy storage technologies, industry standards, and competitor offerings to support both engineering decisions and marketing positioning.

Desired Majors: Engineering; Computer Science, Information Systems & Technology; Math & Physical Sciences ; Technologies & Technicians

How to apply: info@poweredison.com

Required Documents: Resume