

SIEMENS

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with us**

Power Protection and Automation Engineering Development Program: *Full-time*

Program Overview:

The Power Protection and Automation Engineering Development Program (PA EDP) positions you as an integral member of Siemens Industry, Inc.'s Smart Infrastructure – Electrification & Automation (EA) team. This one-year development program focused on Power Protection and Automation in electrical substations features a structured learning pathway with two specialized tracks:

Protection: Focus on safeguarding electrical substations by designing and implementing protection systems using protective relays that protect power equipment such as transformers, motors, and substations overall.

Automation: Centers on controlling and communicating with RTUs, HMIs, relays, and other devices inside switchgears within substations, to ensure smooth operation and reliable data exchange.

Program Structure:

Each six-month rotation begins with two months of structured classroom training at the Wendell, NC office, guided by Siemens Power Academy trainers, followed by four months of hands-on experience through travel across the U.S. where participants shadow mentors on real-world substation projects. At the close of the program, participants will choose one of the specialized tracks as a focus and join the Solutions Engineering team, where they will continue learning from mentors and begin mentoring new EDP cohorts.



Throughout the program, you'll be part of a company that values responsible engineering and innovative solutions, working on projects with some of the largest companies worldwide, including utilities deploying digital substation technologies, new data centers, electric vehicle manufacturing, and solar-integrated microgrids.

Scan the QR code below to view an in-depth overview of the learning path, including skill development and coursework:



Learn more and apply for Siemens career opportunities for students and recent graduates

Candidate Requirements:

Majors:

- Computer Engineering
- Electrical Engineering
- Power Engineering
- Systems Engineering

Academic Standing:

Rising Senior graduating within the current academic year and ready to begin full-time employment this upcoming January or June.

Work Authorization: Permanent work authorization in the U.S. is required.

Relocation and Travel:

Relocation and Travel: Candidates must be willing and able to relocate and travel up to 75% as required during the learning rotations (financial assistance is provided for candidates who must relocate more than 50 miles from their permanent address).

Potential Locations:

Atlanta, GA
Raleigh, NC

About Siemens

Siemens Corporation is a U.S. subsidiary of Siemens AG, a leading technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose, adding real value for customers. By combining the real and the digital worlds, Siemens empowers its customers to transform their industries and markets, helping them to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a global leading medical technology provider shaping the future of healthcare.