

herkimer.edu/electrical



“Herkimer County Community College’s Electrical Technology Smart Grid Lab will educate and inspire the next generation of utility workers with the unique skills required for the energy industry as it transitions to the grid of the future.”

Gil C. Quiniones

New York Power Authority president and CEO

“Herkimer College is a unique place to start a career in technology. We are committed to providing an excellent, affordable, hands-on experience for our students.”

Rabab Hassan

Assistant Professor-Electrical Technology



Why Herkimer?

- Supportive environment where faculty and staff know students by name
- Student body with many diverse interests
- Free academic support services for all students
- Affordable tuition rates and scholarships
- Transfer agreements to ensure a smooth transition to four-year colleges and universities
- Vibrant campus life with nationally-ranked athletic program



Herkimer
THE STATE UNIVERSITY OF NEW YORK

Electrical Technology

Prepare for a career
in electrical technology
and renewable energy

we are analytical. logical. observational.

Learn more. www.herkimer.edu/electrical

The program

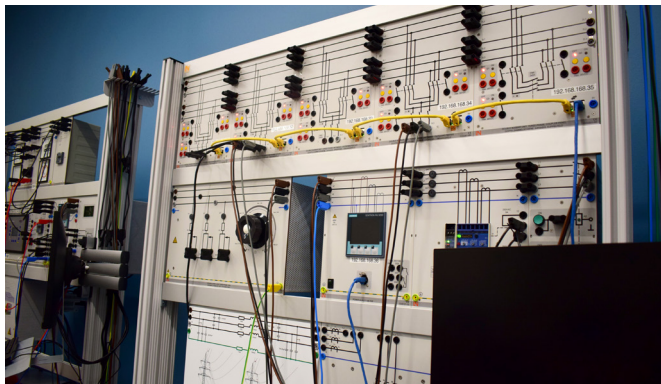
Herkimer College's program in Electrical Technology combines traditional engineering technology with innovative courses in renewable energy sources like wind and solar. Small class sizes and hands-on curriculum ensure Herkimer College students are a step ahead when it's time to enter the workforce.

Sample Courses

- Digital Systems
- Renewable Energy
- Circuits
- Microprocessors
- Electronics

The faculty

Assistant Professor Rabab Hassan is deeply passionate about her work. She received her master's degree in electrical engineering from Tennessee Technological University and is a member of the Society of Women Engineers. She brings real-world research and experience to the classroom, and her focus on renewable energy.



The opportunities

Students graduating with an A.A.S. degree in Electrical Technology will be prepared to enter careers in the design, application, installation, manufacturing, operation and/or maintenance of electrical/electronic(s) systems, with a focus on smart grid technologies.

- Graduates are prepared for positions as electrical engineering technicians. They can expect to find work with companies like the New York Power Authority, Indium, or a variety of other power companies, automation industries, manufacturing companies, etc.
- Graduates will enjoy a seamless transition to a four-year college or university thanks to Herkimer College's transfer agreements and participation in the SUNY system.



The facilities

Students at Herkimer College have access to a state-of-the-art, \$2 million Electrical Technology Smart Grid Lab, right on campus. The lab opened in 2020 and is designed to educate and train students in power grid repair and maintenance, preparing them for lucrative careers in the utility industry. The emphasis on smart grid technology gives Herkimer College students a unique and attractive skillset as the energy industry prepares to proactively address climate change and incorporate renewable energy sources.

Requirements for Admission

Students enrolling in the Electrical Technology program must meet the following requirements:

- High school graduates must have a cumulative average of 75 or above and successfully complete at least two high school mathematics courses and one science course (physics or chemistry recommended).
- Transfer students are recommended to have earned a GPA of 2.75 or higher, "B" or better in college pre-calculus, and "C" or better in general physics.

