



Energy Management
Technology



Solar Energy
Technology



Gas Utility &
Construction


POWER UP:

PLANNING FOR THE FUTURE OF ENERGY



Utilities Engineering Technology

 **Northeast**
Wisconsin Technical College

 **Great Lakes
ENERGY
EDUCATION
Center**

 Northeast Wisconsin Technical College
Educational Foundation Inc.

www.nwtc.edu/powerup

Northeast Wisconsin Technical College (NWTC) is powering up its efforts in traditional energy distribution, generation, and conservation, as well as in cutting-edge, renewable energy and sustainability technologies.

The Great Lakes Energy Education (GLEE) Center™, a new \$8 million, 32,000 square-foot facility, will increase capacity through multi-discipline training and education to create a pipeline of skilled utilities and energy workers.

Nationally Recognized Innovative Hands-On Training

- NWTC is one of only two educators in the nation that tie generation and conservation to distribution in its utilities and energy education model.
- The current 13-acre training field is one of the finest in the country and includes an eight-house village for students to troubleshoot gas and electrical distribution services.
- Seven instructors have a combined total of over 110 years of industry experience and 46 years of teaching experience.
- Graduates are recruited from all over the country and many times are hired before they graduate.
- The Center for Energy and Workforce Development (CEWD) monthly newsletter featured NWTC as a best practice for teaching employability skills.
- Nineteen industry and educational partners submitted letters of commitment supporting NWTC's 2016 National Science Foundation planning grant application to explore the creation of a Utilities and Energy Education Regional Center of Excellence.



Electrical Power Distribution



Utilities Engineering Technology



Expanding for the Future

- To meet the continuing need for a cleaner energy mix to comply with new regulations and policy changes, NWTC energy programs must expand.
- Within the next five to seven years, over half of the energy workforce will be eligible to retire.
- To train the future energy workforce with hands-on experience in state-of-the-art technology, NWTC's infrastructure must grow.
- The new GLEE Center™ will be a model of energy efficiency with the intent to become a net-zero energy building.
- The building will evolve as student projects install generation and monitor energy usage.
- Using hands-on measurement and analysis, NWTC facilities managers, instructors, and students will work together to continuously monitor and improve energy usage.
- GLEE Center™ construction is made possible by a 2015 district referendum to expand and renovate its campuses.

Join the Movement

- NWTC has the opportunity to build the GLEE Center™ with energy management systems that were not even conceived of just a few years ago.
- With your generous support, the GLEE Center™ will be more than just another building; it will be a living energy laboratory.

POWER UP: PLANNING FOR THE FUTURE OF ENERGY

Please join NWTC in preparing for the future in energy. You can have an impact on the future of energy in Wisconsin, in the region, and in the nation.

For more information on giving opportunities, please contact:



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Great Lakes Energy
Education (GLEE) Center™
Architectural rendering

**Facility naming opportunities
and multi-year pledges offered.**



100 YEARS OF EXCELLENCE.

Northeast Wisconsin Technical College, a two-year technical college, has been guided by a mission of providing education, training, and life-long learning opportunities for individuals and businesses leading to the development of a skilled workforce. Approximately 38,000 individuals come to NWTC each year to take advantage of over 100 degrees; more than 80 certificate options; transfer agreements; contracted business services; and continuing education courses. Approximately 2,500 NWTC students graduate each year, more graduates than all the other Green Bay colleges combined. In addition, NWTC serves over 1,000 businesses with training for thousands of employees.

Energy and Utilities programs include:

- Electrical Power Distribution
- Gas Utility Construction and Service
- Energy Management Technology
- Utilities Engineering Technology
- Solar Energy Technology
- Nuclear Technology
- Energy Management certificate
- Renewable Energy certificates

Current energy training includes associate degrees, technical diplomas, certificates, and apprenticeships, reaching 145 students.



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NWTC does not discriminate on the basis of age, race, color, disability, sex, gender, sexual orientation, gender identity, national origin or other protected classes.

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