



## With the Energy Industry Fundamental credential, students will earn:

- Industry Recognized Mark of Achievement
- Competitive Edge for Internships and Employment
- Proficiency in Knowledge of the Energy Sector

# Energy Industry Fundamentals Credential

The Energy Industry Fundamentals credential is a badge of honor that has been awarded to more than 3,500 students across the country who have demonstrated proficiency in their understanding of the energy sector. EIF Program participants navigate energy generation, transmission, and distribution infrastructure; learn about types of energy and their conversion to useable energy; explore emerging technologies; conduct case studies on business models; overview regulations and make connections to energy careers.

### Throughout 130 hours of instructional time, students learn:

- Basic and emerging principles and concepts that impact the energy industry
- Compliance procedures necessary to ensure a safe and healthy work environment
- Principles of electric power generation
- Fundamentals of electric power and natural gas transmission
- Standards of electric and natural gas distribution
- Entry requirements for careers in energy

Some participants may elect to complete only select modules, forgoing the EIF credential, but still gaining solid industry knowledge.

The EIF program is sponsored by the [Center for Energy Workforce Development](#). CEWD is committed to developing a skilled, diverse talent pipeline for the energy sector.

### Benefits to Students

Earning the EIF credential allows students to differentiate themselves to employers by demonstrating their knowledge of the needs and requirements for success in the energy sector. Whether students are interested in skilled trade positions or energy careers requiring advanced degrees, the EIF credential and accompanying digital badge offer validation of subject matter comprehension and support candidacy for industry internships and careers. It's the X-factor for showcasing interest, comprehension, and career initiative.

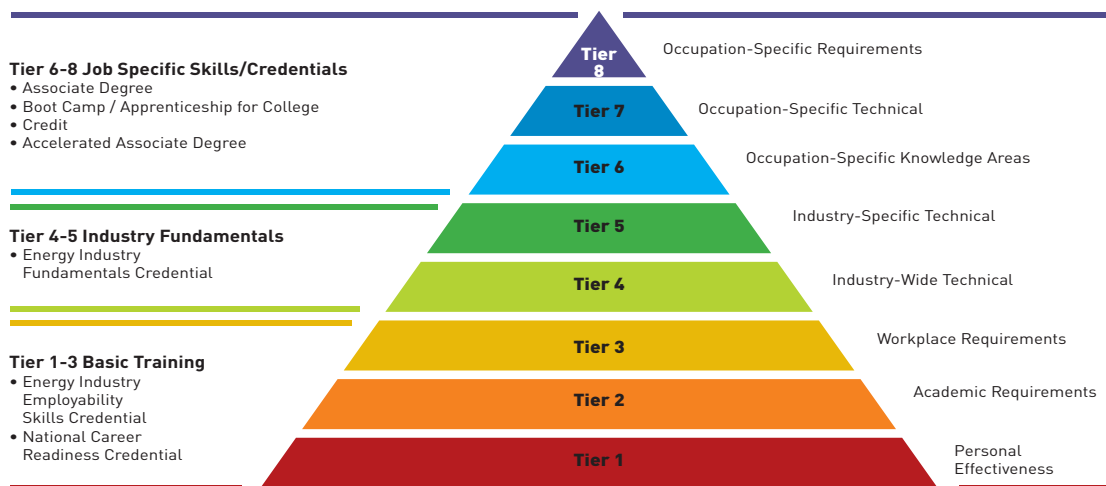
## Support for Schools

The Energy Industry Fundamentals course, for which the credential is based, offers instructor guides and student materials that focus on experiential learning techniques. Energy companies are eager to support instructors in bringing the curriculum to life. EIF materials are available to approved course providers.

## TRAINING COMPONENT COMPETENCY MODEL

The EIF credential supports occupation-specific training, enabling students to understand essential industry fundamentals in association with the energy industry competency model.

### Training Components



Energy Competency Tier Model for Skilled Technician Positions in Energy Efficiency, Energy Generation and Energy Transmission and Distribution

There is no charge for course materials. There is a \$50 fee for an institution applying to become an approved provider and a \$30 fee for each student taking the assessment to earn the EIF credential.

## About the Energy Industry

The energy industry is home to over 100 types of meaningful careers in an essential industry. There are jobs for thinkers and tinkerers, outdoor enthusiasts and office specialists, those who love drones and data, engineers and environmentalists, those who like heights and those who want to work beneath the earth's surface, and athletes and mathletes. There are jobs for students ready to work right after school, those interested in apprenticeships, and those pursuing a college degree or technical credential.

## Additional Information

To learn more about the program, to apply, or for access to the instructor and student guides, presentations, and materials list for labs, please contact Julie Strzempko at [julie@cewd.org](mailto:julie@cewd.org).

To learn more about careers in energy, visit [GetIntoEnergy.com](http://GetIntoEnergy.com).

To explore the energy industry curriculum center, visit [cewd.org/curriculum](http://cewd.org/curriculum)

To learn more about the Center for Energy Workforce Development, visit [CEWD.org](http://CEWD.org).



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