

# Graduate-Level Education in Power Systems Engineering

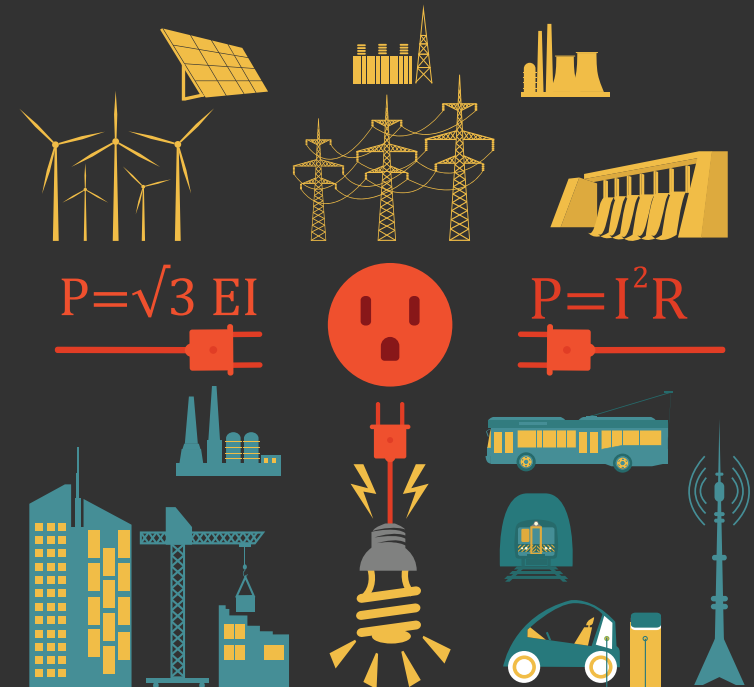
The Energy Providers Coalition for Education (EPCE) is a national alliance delivering solutions to attract and engage the energy industry's workforce through quality online education. EPCE's online programs offer interested candidates and working professionals the technical skills as well as the academic knowledge needed for energy industry career paths. EPCE members, representing over two-thirds of the industry, champion industry needs in their joint efforts to develop and sponsor online curriculum with qualified and accredited high schools, colleges and universities.

EPCE also offers online education in:

- Electric Power
- Electrical Engineering
- Electrical Engineering Technology
- Power Systems
- Smart Grid
- Nuclear Power
- Technology Management
- Information Technology
- Cybersecurity
- Industry Courses

For more information about EPCE's other offerings, visit: [www.epceonline.org](http://www.epceonline.org)

EPCE is a signature initiative of CAEL, the Council for Adult & Experiential Learning.  
Learn more at: [www.cael.org](http://www.cael.org).



# Graduate-Level Education in Power Systems Engineering



Worcester Polytechnic Institute (WPI) online graduate-level programs are specifically intended for the professional degreed engineer who is serious about elevating their career to the next level.

## Engineering

### Certificate in Power Systems Engineering: Protection and Control

This graduate-level certificate is highly-specialized for engineers who want to update their skills and position themselves for greater job responsibilities and promotions. The Power Systems Engineering Protection and Control certificate consists of four courses.



### Master of Engineering in Power Systems Engineering

This technically-focused degree is for the engineer who wants to elevate their expertise in power systems engineering. The degree is composed of ten courses:

- Power System Analysis
- Transients in Power Systems
- Electromechanical Energy Conversion
- Power System Protection and Control
- Protective Relaying
- Advanced Applications in Protective Relaying
- Power System Dynamics
- Power Distribution
- Power System Operation and Planning
- Power Transmission

## Management

### Certificate in Power Systems Management

This graduate-level certificate program combines essential topics in power systems engineering with technology-focused business courses. The Power Systems Management Certificate consists of six courses.



### Master of Science in Power Systems Management

This degree combines technology and management for the engineer with managerial career aspirations. Courses include:

- Power System Analysis
- Transients in Power Systems
- Electromechanical Energy Conversion
- Power System Protection and Control
- Protective Relaying
- Advanced Applications in Protective Relaying
- Power System Dynamics
- Power Distribution
- Power System Operation and Planning
- Power Transmission
- Operations Risk Management
- Engineering Economics
- Project Management
- Group and Interpersonal Dynamics in Complex Organizations
- Computer and Network Security
- Renewable Energy

## EPCE ONLINE SPONSORED PROGRAMS ARE:

### High Quality

- Offered through quality fully-accredited colleges and universities
- Interactive and instructor-led
- Full-range of advising and support services

### Industry Supported

- Programs and courses are reviewed by the EPCE industry panel
- Applicable and relevant to an energy industry career
- Tuition is discounted for EPCE member employees

### Convenient

- Available online 24/7 – study anytime, anywhere
- Reach your education goals while balancing your work and personal life
- Earn college credit for what you already know from previous training, job experience and other college courses



For more information, visit:  
[www.epceonline.org](http://www.epceonline.org)