

IEEE eLearning Library

IEEE Xplore® Digital Library Subscription Option

The premier online collection of short courses and conference workshops

The IEEE eLearning Library provides the advanced technology content only IEEE can provide through convenient online courses. With hundreds of course hours in communications, computing, engineering, power, professional development, and dozens of other core and emerging technologies, the IEEE eLearning Library gives technology professionals, students, and faculty a better way to learn.

IEEE eLearning Library offers many benefits:

- **Increase overall knowledge** beyond a specific discipline and awareness of converging technologies
- **Gain advanced insight** into emerging technologies
- **Develop skills needed** to advance professionally and stay competitive in today's marketplace
- **Courses developed and peer-reviewed** by leading experts in the field

Benefits for academic users:

- Incorporate material into a classroom lecture or use as supplement
- Help students prepare for more advanced courses
- Guide students into specialty engineering fields

Benefits for corporate users:

- Save time and money—no need to travel to off-site conferences, courses, or seminars
- Flexible scheduling—mobile-friendly courses can be accessed anytime
- Meet the re-certification requirements to renew professional certifications or licenses with CEUs/PDHs upon successful completion of a course

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Quick Facts

Develop the skills and knowledge needed to succeed:

Hundreds of course hours in core and emerging technologies

Delivered via IEEE Xplore, with its mobile-friendly design and powerful search features

Printable individual CEU or PDH certificates upon the successful completion of a course

Courses developed by the world's leading experts in their fields

New course programs available include:

- Enterprise Blockchain for Healthcare, IoT, Energy, and Supply Chain
- Introduction to IEEE Standard 1547-2018: Connecting Distributed Energy Resources
- Finite Element Method for Photonics
- 5G Networks

Introductory, Intermediate, and Advanced course levels

Perpetual access options are available

For a custom quote, contact an IEEE Sales Representative.

IEEE eLearning Library

Delivered through the IEEE *Xplore*[®] Digital Library

Keep up with technology and stay ahead of the curve

IEEE online courses cover a wide array of disciplines—whether you want to enhance your knowledge in your own field or expand to other technical specialties.

Courses are available in these categories:

- Aerospace
 - Radar
- Bioengineering
 - Biometrics
 - Computational Intelligence
- Communication, Networking, and Broadcasting
 - Wireless Communications
- Components, Circuits & Devices, and Systems
- Computing and Processing
 - Blockchain
 - Cyber Security
 - Ethical Hacking
 - Internet of Things (IoT)
 - Cloud Computing
 - Edge Computing
 - IEEE Software
- Engineering Assessment
- Engineering Profession
 - Ethics
- Engineering Management
- Fields, Waves, and Electromagnetics
- General Topics for Engineers
 - Improving Instructional Techniques and Class Effectiveness
- Photonics and Electro-Optics
 - Fiber Optics
- Power, Energy, and Industry Applications
 - NESC
 - Smart Grid
 - Green Energy
- Robotics and Control Systems
 - Artificial Intelligence
 - Autonomous Vehicles
- Transportation
 - Batteries
 - Electric Vehicles

Course programs containing several hours of instruction on a topic are available.

New programs available include:

- Enterprise Blockchain for Healthcare, IoT, Energy, and Supply Chain
- Introduction to IEEE Standard 1547-2018: Connecting Distributed Energy Resources
- Finite Element Method for Photonics
- 5G Networks

Quality, peer-reviewed content from subject matter experts

An important part of development, the peer-review process ensures each IEEE online course meets the IEEE standard for quality and accuracy.

Each course must pass a rigorous review process by IEEE Societies and experts, as well as professionals from renowned corporations and universities worldwide.

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Delivered through IEEE *Xplore*

Access all course content with an optimized experience that provides:

- Streamlined access to all content from IEEE in one place, using existing IEEE *Xplore* credentials
- A modern, mobile-friendly design for eLearning content
- Discovery of more eLearning content of interest through an easy-to-use browse experience, with filtering by topic
- Access to all of the powerful features of IEEE *Xplore*, including enhanced search capabilities, filtering, and more

IEEE Continuing Education Units (CEUs) and Professional Development Hours (PDHs)

All courses are peer-reviewed by content experts, a process that guarantees both the quality of the technical content as well as adherence to strict IEEE criteria for educational excellence. As a CEU provider, IEEE can offer CEUs for any IEEE learning activity running at least one hour in duration. IEEE CEUs can also be converted into the PDHs needed to meet recertification requirements for professional certifications or licenses.

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