About IEEE eLearning Library

Explore hundreds of high-quality online courses in core and emerging technologies developed by IEEE experts. Tailored for professionals, faculty, and students, the IEEE eLearning Library taps into a wealth of expertise from our global network of over 450,000 industry and academia members.
**Benefits for Technical Professionals**

**Advance Your Career**
Learners can earn micro-credentials and digital badges, as well as Continuing Education Units (CEUs) and Professional Development Hours (PDHs).

**High-quality Education**
Access peer-reviewed courses on the latest technologies offered through IEEE's extensive expertise in a wide variety of technology fields.

**Self-paced & Flexible**
Just-in-time, affordable online learning helps technical professionals stay up to date on the latest technologies taught in approximately one-hour-long courses.

**Engaging Content**
Highly visual, interactive online modules are delivered in an easy-to-use player, including video and professional voiceovers, animations, and diagrams.

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**Advantages for Organizations**

**Time Savings**
More efficient than traditional training, eLearning allows employees to complete courses at their own pace and on their own schedule.

**Increased Engagement**
Employee engagement and retention increases when companies offer opportunities for professional development.

**Scalability**
Easy to access coursework—anywhere and anytime. Excellent choice for growing organizations to train employees at different locations.

**Standardized Training**
Delivers uniform training material to employees, establishing a standardized foundation of knowledge.

**Improved Performance**
Investing in education has shown improved employee performance, leading to increased productivity, and higher ROI for organizations.

**Cost-effective**
More cost-effective than traditional classroom training, and will save money on travel, materials, and instructor costs.
IEEE eLearning for Every Technology Professional

IEEE eLearning courses cover a wide array of disciplines and standards—whether your learners want to enhance knowledge in their own technical field or expand to other technical specialties.

Below is a sampling of the many courses available in the library.

Aerospace and Defense
- IEEE Software and Systems Engineering Standards Used in Aerospace and Defense

Augmented and Virtual Reality
- Practical Applications of Virtual and Augmented Reality in Business and Society

Automotive Technology
- Automotive Cyber Security: Protecting the Vehicular Network
- IEEE Guide to Autonomous Vehicle Technology
- Transportation Electrification

Artificial Intelligence
- AI Standards: Roadmap for Ethical and Responsible Digital Environments
- Digital Transformation: Moving Toward a Digital Society
- Artificial Intelligence and Ethics in Design
- Machine Learning: Predictive Analysis for Business Decisions

Blockchain
- Introduction to Blockchain Technology
- Enterprise Blockchain for Healthcare, IoT, Energy, and Supply Chain
- A Step-by-Step Approach to Designing Blockchain Solutions

Cloud/Edge Computing
- Introduction to Edge Computing
- Cloud Computing

Communications and Telecom
- IEEE 802.11ax™: An Overview of High Efficiency Wi-Fi (Wi-Fi 6)
- Bridging the 4G/5G Gap: Telecommunications Roadmap for Implementation
- Time-Sensitive Networking for New Ethernet Bridging Applications
- 5G Networks

Cybersecurity
- Cybersecurity Tools for Today’s Environment
- Hacking Your Company: Ethical Solutions to Defeat Cyber Attacks

Data Privacy
- Protecting Privacy in the Digital Age

Internet of Things
- All About IoT Security
- IEEE Guide to the Internet of Things

Photonics
- Finite Element Method for Photonics
Power and Energy
- Smart Cities Technologies: Transformation of Cities
- Minigrids in Africa
- Modernizing the Smart Grid
- National Electrical Safety Code® (NESC®) 2023

Systems Engineering
- Configuration Management: Building Secure & Reliable Software
- High Performance Computing: Technologies, Solutions to Exascale Systems, and Beyond

**IEEE eLearning Library**

**Access Options**

Courses can be discovered via:
- IEEE Xplore®
- IEEE Learning Network (ILN)
- Customer’s own Learning Management System

Each method offers its own unique experience and benefits. Speak with an IEEE Account Manager to learn more about which option is best for your learners.
Additional *eLearning* Options from IEEE

**English for Technical Professionals**
Develop English communication skills for the technical workplace.

**IEEE Professional Development Suite**
IEEE offers a collection of specialized leadership and technical training programs to suit the needs of any organization and professionals at any stage of their career.

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