

Getting Started with IEEE English for Engineering

<http://ieeexplore.ieee.org/courses/category/17>

NOTE: The courses can be accessed from any TH Nürnberg IP address, either on-campus or via VPN.

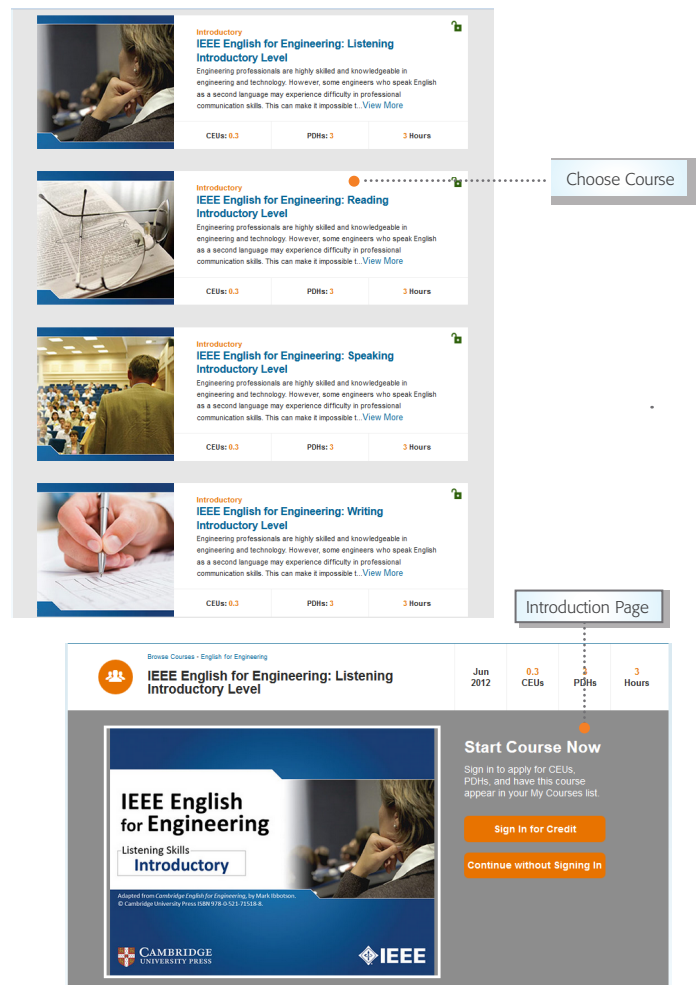
Starting via the IEEE Xplore® digital library

- Go to <http://ieeexplore.ieee.org/courses/category/17>
- Create an IEEE Personal Account (individual user name and password)
- NOTE:** Using your IEEE Personal Account allows you to track your progress and earn continuing education units (CEUs) and professional development hours (PDHs) plus print individual certificates of completion.
- You may **BROWSE** the wide selection of **EDUCATIONAL COURSES** and **OTHER RESOURCES** besides English for Engineering



Taking a course

- On the English for Engineering course abstracts page, select a course (**LISTENING SKILLS, SPEAKING SKILLS, READING SKILLS, WRITING SKILLS**) and appropriate skill level (**INTRODUCTORY, INTERMEDIATE, ADVANCED**).
- On the course introduction page, sign in with your user name and password for credit, or continue without signing in.
- At the end of each module, there is a quiz to earn CEUs and PDHs.
- After passing the quiz, click the link to receive your certificate and register your **CEUs** and **PDHs** with IEEE. Print or save your certificate.
- Prof. Koenig has a limited number of small promotional gifts from IEEE for those who receive certificates from the online courses. Bring your certificate by during his office hour and receive your free IEEE gift.



Features of IEEE English for Engineering

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Course content

- A free placement exam to identify your English ability level
- Up to 45 hours of training content
- Four learning modules to develop key English mastery:
 - Speaking in technical English
 - Listening and comprehension
 - Technical writing
 - Reading and understanding technical publications
- Introductory, Intermediate, and Advanced levels

Course interaction

- Interactive exercises engage learners
- Provides immediate feedback to reinforce the lessons
- Flexible design to allow learners to progress through skills in any order, and any skill level they wish

Course features

- Discoverable in IEEE *Xplore* and delivered via the IEEE Learning Management System
- Topics relevant to all engineers, including electrical, civil, and mechanical, as well as many other technical professionals
- Designed for self-study format but easily can be used in group training sessions facilitated by an instructor

Promote your achievement

Printable individual certificates, available upon the successful completion of each skill level, help learners share their achievements.



Sample Skills Training

The image displays two screenshots of the IEEE English for Engineering interface. The left screenshot shows the 'Listening Skills: Introductory' module. It features a sidebar with an 'INDEX' and a list of activities. The main content area is titled 'Specifying and Describing Properties (Cont.)' and includes a 'Questions' section with four numbered items, a 'Word List' with terms like 'lightweight', 'abrasion resistant', 'durable', 'thermal stability', and 'toughness', and a 'Click to Replay Conversation' button. The right screenshot shows the 'Reading Skills: Introductory' module. It features a sidebar with an 'INDEX' and a list of activities. The main content area is titled 'Reading Technical Materials (Cont.)' and includes a 'Reading Technical Materials' exercise with a 'Match the GPS applications on the left to the descriptions on the right.' instruction. The applications listed are 'topographical surveying', 'maritime applications', 'civil engineering', 'GPS in cars and trucks', and 'geological exploration'. The descriptions listed are 'mapping surface features', 'applications in mining and the oil industry', 'setting out positions and levels of new structures', 'avionics equipment', 'air traffic control, navigation and autopilot systems', 'navigation and safety at sea', and 'highway navigation and vehicle tracking'. The 'avionics equipment' and 'air traffic control, navigation and autopilot systems' descriptions are highlighted in green. Both screenshots include a progress bar at the bottom.