说明：标黄的为课程所属大系列，标蓝的为课程所属小系列

1. [Career Development](https://ieeexplore.ieee.org/courses/category/19)
2. [Ethics](https://ieeexplore.ieee.org/courses/category/19/topic/Ethics)

* Engineering Ethics: Biomedical Engineering
* Engineering Ethics: Building a Strong Foundation
* Engineering Ethics: Power Engineering
* Engineering Ethics: Software Engineering
* Solving Ethical Dilemmas as an Engineer
* Engineering Ethics: Topics for Government Engineers
* Engineering Ethics: Case Study in Biomedical Research
* Engineering Ethics: Topics for Robotics and Automation Engineers
* Engineering Ethics: How to Mentor New Professionals
* Engineering Ethics: Guidance on Sustainability
* Engineering Ethics: Case Study of DeKort and the US Coast Guard
* Engineering Ethics: Ethical Challenges for Military Engineers

1. [English for Engineering](https://ieeexplore.ieee.org/courses/category/17)

* IEEE English for Engineering: Listening Introductory Level
* IEEE English for Engineering: Listening Intermediate Level
* IEEE English for Engineering: Listening Advanced Level
* IEEE English for Engineering: Speaking Introductory Level
* IEEE English for Engineering: Speaking Intermediate Level
* IEEE English for Engineering: Speaking Advanced Level
* IEEE English for Engineering: Reading Introductory Level
* IEEE English for Engineering: Reading Intermediate Level
* IEEE English for Engineering: Reading Advanced Level
* IEEE English for Engineering: Writing Introductory Level
* IEEE English for Engineering: Writing Intermediate Level
* IEEE English for Engineering: Writing Advanced Level

1. [IEEE Standards](https://ieeexplore.ieee.org/courses/category/21)
2. [IEEE Standards](https://ieeexplore.ieee.org/courses/category/21)

* Ethics in Standards Development and Application

1. [Reading and Writing Standards](https://ieeexplore.ieee.org/courses/category/21/topic/Reading%20and%20Writing%20Standards)

* How to Read a Standard

1. [Artificial Intelligence](https://ieeexplore.ieee.org/courses/category/21/topic/Artificial%20Intelligence)

* Responsible Innovation in the Age of Artificial Intelligence
* The Economic Advantage of Ethical Design For Business
* Values by Design in the Algorithmic Era
* The Nature of Nudging
* Ensuring Data Protection and Data Safety

1. [Power, Energy and Industry Applications](https://ieeexplore.ieee.org/courses/category/21/topic/Power,%20Energy%20and%20Industry%20Applications)

* Introduction to IEEE Std 1547-2018

1. [Computing](https://ieeexplore.ieee.org/courses/category/24)
2. [Cyber Security](https://ieeexplore.ieee.org/courses/category/24/topic/Cyber%20Security)

* Web Server and Web Application Security
* System Fundamentals for Cyber Security
* Cryptography Fundamentals
* Footprinting
* Wifi and Bluetooth Security
* Mobile Device Security
* Network Sniffing
* Cloud Security
* Data Security in the Cloud

1. [Internet of Things](https://ieeexplore.ieee.org/courses/category/24/topic/Internet%20of%20Things)

* Social Internet of Things: Reference Architecture and Use Cases
* The Evolution of Internet of Things for Healthcare
* Paving the Way for Future Internet of Things Applications in Healthcare
* What is the Internet of Things: An Introduction

1. [Artificial Intelligence](https://ieeexplore.ieee.org/courses/category/21/topic/Artificial%20Intelligence)

* From Growth to Great
* The Basis for No Bias
* Transparency and Accountability for Robots and Artificial Intelligence Systems
* Human Emotion in Devices and Technology
* Legal and Implementation Issues of Enterprise Artificial Intelligence

1. Edge Computing

* Overview of Edge Computing
* Application Scenarios of Edge Computing
* Designing Security Solutions for Edge, Cloud, and IoT

1. [Enterprise Blockchain](https://ieeexplore.ieee.org/courses/category/24/topic/Enterprise%20Blockchain)

* Enterprise Blockchain Overview
* Enterprise Blockchain for Grid Modernization
* Enterprise Blockchain for the Internet of Things

1. [Transportation](https://ieeexplore.ieee.org/courses/category/16)
2. [Autonomous Vehicles](https://ieeexplore.ieee.org/courses/category/16/topic/Autonomous%20Vehicles)

* Object Visual Detection for Intelligent Vehicles
* Developing and Validating Intelligent Vehicle Control Systems
* Sensors for Autonomous Vehicles
* Cooperation in Autonomous Vehicles

1. [Power & Energy](https://ieeexplore.ieee.org/courses/category/25)
2. [Smart Grid](https://ieeexplore.ieee.org/courses/category/25/topic/Smart%20Grid)

* Strong Before Smart
* Smart Distribution Systems