

This course covers the fundamental aspects of the smart grid and its application to the existing power system. It introduces state-of-the-art smart grid technologies like electric vehicles, AC/DC microgrids, ...

Upon completion, students will be able to design, operate, and manage smart grids and microgrids. They will also develop skills in energy systems analysis, power electronics, and control systems.

Explore algorithms, methodologies, and tools for solving real-world energy management problems in microgrids and smart grids. Explore microgrid modeling, three-phase circuits, and power system ...

Explore online smart grid courses and more. Develop new skills to advance your career with edX.

Microgrids are considered a critical and enabling link in the transition from bulk power systems to smart distributed grids. This learning path will cover the fundamental elements of microgrid definitions, ...

This course provides a comprehensive introduction to the fundamentals and specifics of microgrids. Participants will explore benefits, applications, configurations, challenges, policies, and funding ...

Certified Microgrid Engineer (CMIE) Certification is a 2-day course where participants master the fundamentals of microgrid design, including grid integration and load management as well as learn ...

Smart Grid courses can help you learn energy management, demand response strategies, and renewable energy integration. Compare course options to find what fits your goals.

The second part of the Microgrid Certification Training, Microgrid certificate training focuses on the operation and control of microgrids from basic traditional approaches to the advanced hierarchical ...

Whether you're new to the energy industry or looking to expand your technical understanding, this course guides you through core electrical concepts, infrastructure, policy, and microgrid applications.

Web: <https://capturedmoments.co.za>