COURSE DETAIL

ELECTRICAL ENERGY SYSTEMS
Country Singapore
Host Institution National University of Singapore
Program(s) National University of Singapore
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Electrical Engineering
UCEAP Course Number 116
UCEAP Course Suffix
UCEAP Official Title ELECTRICAL ENERGY SYSTEMS
UCEAP Transcript Title ELEC ENERGY SYSTEMS
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course provides an overview of traditional energy sources, electrical energy generation, transmission, distribution and utilization systems. It introduces the concepts of renewable energy sources, distributed renewable energy generation and smart-grid structure. The key issues of energy requirement in portable electronic computing system and wireless energy transfer are covered. The course requires students to take prerequisites.

Language(s) of Instruction
English

Host Institution Course Number
EE2022

Host Institution Course Title
ELECTRICAL ENERGY SYSTEMS

Host Institution Course Details
https://nusmods.com/courses/EE2022/electrical-energy-systems

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Electrical and Computer Engineering

Course Last Reviewed
2024-2025

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