COURSE DETAIL

ELECTRICAL DEVICE MODELLING
Country Australia
Host Institution University of Melbourne
Program(s) University of Melbourne
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Computer Science
UCEAP Course Number 131
UCEAP Course Suffix
UCEAP Official Title ELECTRICAL DEVICE MODELLING
UCEAP Transcript Title ELECTR DEVICE MODEL
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This subject examines the theoretical and practical tools required to understand, construct, validate and apply models of standard electrical and electronic devices. In particular, it looks at the theoretical and practical development of models for devices such as resistors, capacitors, inductors, transformers, motors, batteries, diodes, transistors, and transmission lines.

Language(s) of Instruction
English

Host Institution Course Number
ELEN30011

Host Institution Course Title
ELECTRICAL DEVICE MODELLING

Host Institution Course Details
https://handbook.unimelb.edu.au/2022/subjects/elen30011

Host Institution Campus
University of Melbourne

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2022-2023

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