

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 Campus

University of Melbourne

Host Institution Faculty

Host Institution Degree

Host Institution Department

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