COURSE DETAIL

ELECTRONIC SYSTEM IMPLEMENTATION
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 113
UCEAP Course Suffix
UCEAP Official Title ELECTRONIC SYSTEM IMPLEMENTATION
UCEAP Transcript Title ELECT SYST IMPLEMEN
UCEAP Quarter Units 6.00
UCEAP Semester Units 4.00

Course Description

This course examines a range of standard electrical and electronic devices, basic circuit construction methods and electrical measurement techniques. It covers operation and selection of electrical and electronic devices used in various electronic circuits; common electronic circuit realizations to meet the most commonly required signal processing and conditioning applications; programmable digital circuits and microprocessor programming; circuit design and simulation tools; printed circuit board layout, circuit assembly, and soldering techniques; test and Measurement equipment and methods; and managing design issues and requirements.

Language(s) of Instruction
English

Host Institution Course Number
ELEN30013

Host Institution Course Title
ELECTRONIC SYSTEM IMPLEMENTATION

Host Institution Course Details
https://handbook.unimelb.edu.au/2022/subjects/elen30013

Host Institution Campus
University of Melbourne

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed
2022-2023

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