

COURSE DETAIL

MODELS OF COMPUTATION

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

126

UCEAP Course Suffix**UCEAP Official Title**

MODELS OF COMPUTATION

UCEAP Transcript Title

MODELS: COMPUTATION

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course uses logic and discrete mathematics to model the science of computing. It provides a grounding in the theories of logic, sets, relations, functions, automata, formal languages, and computability, providing concepts that underpin virtually all the practical tools contributed by the discipline, for automated storage, retrieval, manipulation and communication of data.

Language(s) of Instruction

English

Host Institution Course Number

COMP30026

Host Institution Course Title

MODELS OF COMPUTATION

Host Institution Course Details

<https://handbook.unimelb.edu.au/2024/subjects/comp30026>

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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