

COURSE DETAIL

FOUNDATIONS OF ALGORITHMS

Country

Australia

Host Institution

University of Melbourne

Program(s)

University of Melbourne

UCEAP Course Level

Lower Division

UCEAP Subject Area(s)

Computer Science

UCEAP Course Number

32

UCEAP Course Suffix**UCEAP Official Title**

FOUNDATIONS OF ALGORITHMS

UCEAP Transcript Title

ALGORITHMS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

In many projects, it is important for programmers to have fine control over low-level details of program execution, and to be able to assess the cost of a design decision on likely overall program performance. This course introduces students to a system programming language that gives programmers this kind of control, explores a range of standard data structures and algorithmic techniques, and shows how to apply them to frequently encountered problems.

Language(s) of Instruction

English

Host Institution Course Number

COMP10002

Host Institution Course Title

FOUNDATIONS OF ALGORITHMS

Host Institution Course Details

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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