

COURSE DETAIL

NUMERICAL METHODS

Country

United Kingdom - England

Host Institution

University College London

Program(s)

University College London

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

138

UCEAP Course Suffix**UCEAP Official Title**

NUMERICAL METHODS

UCEAP Transcript Title

NUMERICAL METHODS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines the ideas underpinning computational mathematics and introduces a series of methods to solve different problems. The overarching goal is to provide the fundamental tools for the solution of large scale differential equations. These tools include solution methods for nonlinear equations and systems, solution methods for large linear systems, and methods for ordinary differential equations.

Language(s) of Instruction

English

Host Institution Course Number

MATH0033

Host Institution Course Title

NUMERICAL METHODS

Host Institution Campus

University College London

Host Institution Faculty**Host Institution Degree****Host Institution Department**

Mathematics

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