

COURSE DETAIL

COMPLEX ANALYSIS

Country

Australia

Host Institution

University of Queensland

Program(s)

University of Queensland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

155

UCEAP Course Suffix**UCEAP Official Title**

COMPLEX ANALYSIS

UCEAP Transcript Title

COMPLEX ANALYSIS

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines analytical functions; cauchy-riemann equations; complex mappings; cauchy's integral formulas; morera's, liouville's & rouche's theorems; taylor & laurent series; analytic continuation, residues & applications to integration; and boundary-value problems.

Language(s) of Instruction

English

Host Institution Course Number

MATH3401

Host Institution Course Title

COMPLEX ANALYSIS

Host Institution Course Details

https://my.uq.edu.au/programs-courses/course.html?course_code=MATH3401

Host Institution Campus

St. Lucia

Host Institution Faculty

Mathematics & Physics School

Host Institution Degree

Host Institution Department

Course Last Reviewed

2023-2024

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