

COURSE DETAIL

COMBINATORICS AND GRAPH THEORY

Country

United Kingdom - Scotland

Host Institution

University of Edinburgh

Program(s)

Intern: Scotland,University of Edinburgh,Scottish Universities

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

120

UCEAP Course Suffix**UCEAP Official Title**

COMBINATORICS AND GRAPH THEORY

UCEAP Transcript Title

COMBINAT&GRAPH THRY

UCEAP Quarter Units

4.00

UCEAP Semester Units

2.70

Course Description

This is a first course in combinatorics and graph theory and covers graphs, Euler's $V-E+F=2$ Theorem, Kuratowski's Theorem, counting sets, generating functions, matching, Hall's Marriage Theorem, Polya counting, and counting paths in graphs.

Language(s) of Instruction

English

Host Institution Course Number

MATH10072

Host Institution Course Title

COMBINATORICS AND GRAPH THEORY

Host Institution Campus

University of Edinburgh

Host Institution Faculty

School of Mathematics

Host Institution Degree

Host Institution Department

[Print](#)