COURSE DETAIL

GROUP THEORY
Country United Kingdom - Scotland
Host Institution University of Edinburgh
Program(s) University of Edinburgh
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Mathematics
UCEAP Course Number 139
UCEAP Course Suffix
UCEAP Official Title GROUP THEORY
UCEAP Transcript Title GROUP THEORY
UCEAP Quarter Units 4.00
UCEAP Semester Units 2.70

Course Description

This is a course in abstract algebra, although connections with other fields will be stressed as often as possible. It is a systematic study of the basic structure of groups, finite and infinite. Topics include homomorphisms, isomorphisms, and factor groups; group presentations and universal properties; Sylow theorems and applications; simple groups and composition series; classification of finite abelian groups and applications; and solvable groups and the derived series.

Language(s) of Instruction
English

Host Institution Course Number
MATH10079

Host Institution Course Title
GROUP THEORY

Host Institution Course Details
http://www.drps.ed.ac.uk/22-23/dpt/cxmath10079.htm

Host Institution Campus
University of Edinburgh

Host Institution Faculty

Host Institution Degree

Host Institution Department
School of Mathematics

Course Last Reviewed
2022-2023

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