

COURSE DETAIL

ALGEBRA I

Country

Canada

Host Institution

McGill University

Program(s)

McGill University

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Mathematics

UCEAP Course Number

102

UCEAP Course Suffix**UCEAP Official Title**

ALGEBRA I

UCEAP Transcript Title

ALGEBRA I

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course offers a study of sets, functions, mappings, and relations; groups, subgroups, cyclic groups, and cosets; homomorphism and isomorphism; group actions on sets; methods of proof; complex numbers; divisibility theory for integers and modular arithmetic; divisibility theory for polynomials; rings, ideals, and quotient rings; and fields and construction of fields from polynomial rings.

Language(s) of Instruction

English

Host Institution Course Number

MATH 235

Host Institution Course Title

ALGEBRA I

Host Institution Campus

Science

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

Mathematics and Statistics

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