

Course Change Request

Academic Organization and Curriculum Handbook

College **MPS**

Course Bulletin Listing **MATH - MATHEMATICS**

Course Prefix

Course Number **580**

Course Decimal

Full Course Title **Algebra I**

Transcript Title **ALGEBRA 1**

Level **U G**

Credit Hours **3**

College **MPS**

Course Bulletin Listing **MATH - MATHEMATICS**

Course Prefix **580** Generic course or decimal subdivision?

Full Course Title **Algebra I**

Transcript Title **ALGEBRA 1**

Level Undergraduate Graduate **Credit Hours** **3**

Proposed Effective Year **Proposed Effective Term**

Course Description
The integrated algebra sequence 580-581-582 includes elementary number theory, group theory, vector spaces, and linear transformations, field theory.

Course Bulletin

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Terms Offered **AU WI**

Terms Offered **Quarter(s)**
 Autumn
 Winter
 Spring
 Summer
 Summer 1
 Summer 2

Offering Pattern **This year**

Offering Pattern This year Every other year

Distribution of Class Time **3 cl.**

Distribution of Class Time **3 cl.**

Omit distribution of class time from printing?

Prerequisites
Prereq : 345 and prereq or concur: 568 or equiv with written permission of dept.

Prerequisites 345 and (568 or 571 or 520H), or permission of dept.

Exclusion or Limiting Clause

Electronic enforcement of prerequisites?

Exclusion or Limiting Clause

Not open to students with credit for H590.

Not open to students with credit for 590H or 670.

Repeatable?

Repeatable?

Max Repeatable Credit Hours

Cross Listed?

Course part of a sequence?

Grade Option **L**

Grade Option Letter S/U Progress

GEC Course

General Course Information Statement

Honors Statement

- Off Campus/Field Experience?
- EM Credit?
- Admission Condition Course?
- Offered in Distance Learning Format?
- Service Learning?

General Information

Subject (CIP) Code 270101

Subsidy Level **D**

If you have questions, please contact Jed Dickhaut @ dickhaut.1@osu.edu.

Expected Section Size 30

Proposed Number of Sections Per Year 3

- Course time less than 1 full term or Workshop
- Off-campus offering?
- Required on Major(s)
- Required on Minor(s)
- Elective within Major(s)
- Elective within Minor(s)
- Choice of Major(s)
- Choice of Minor(s)

A General Elective

Indicate the nature of the program adjustments, new funding, and/or withdrawals that make possible the implementation of this new course. Evidence must be given of whether the budget support will come from reallocation of existing resources or from new program funds.

No changes in funding are involved.

Is approval of this request contingent upon the approval of other course or curricular requests? Yes No

Describe any changes in library, equipment, or teaching aids needed

Purpose of the proposed change

The change in prerequisites will help ensure that students have some background in mathematical proofs (Math 345), and some knowledge of linear algebra (Math 568, 571, 520H). Those courses are three different ways of teaching the same mathematical ideas.

The exclusion for students with credit for H590 and 670 prevents more advanced students from enrolling in this easier course.

Proposed change impacts course contents?

Describe the method of funding if the proposed changes involves budgetary adjustments

Please complete and attach the form(s) on the following page before completing the package.

[Course Supplement Form](#)

Course Contact Information

Faculty Name Daniel Shapiro

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Contact Dept Mathematics

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Save

Validate

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