MATH 71R: INDEPENDENT STUDY IN MATHEMATICS

Foothill College Course Outline of Record

Heading	Value
Effective Term:	Summer 2024
Units:	2
Hours:	6 laboratory per week (72 total per quarter)
Degree & Credit Status:	Degree-Applicable Credit Course
Foothill GE:	Non-GE
Transferable:	CSU
Grade Type:	Letter Grade (Request for Pass/No Pass)
Repeatability:	Not Repeatable

Student Learning Outcomes

- Students will evince mastery of the subject matter under consideration in the independent study.
- Students will develop the skills needed for doing independent research.

Description

Provides an opportunity for the student to expand their studies in Mathematics beyond the classroom by completing a project or an assignment arranged by agreement between the student and instructor. The student is required to contract with the instructor to determine the scope of assignment and the unit value assigned for successful completion. Students may take a maximum of 6 units of Independent Study per department.

Course Objectives

The student will be able to:

1. Plan an independent study project in Mathematics.
2. Conduct the study by means of literature research, fieldwork, or laboratory work, or other means mutually agreed upon in the student-faculty contract as appropriate for the discipline.
3. Present the results of the study in a written or oral report or by some other means as determined by the contract.

Course Content

This course is based on independent research or course of study related to the topics outlined in the student contract.

Lab Content

Not applicable.

Special Facilities and/or Equipment

Not applicable.

Method(s) of Evaluation

Methods of Evaluation may include but are not limited to the following:

Evaluation is based on the completion of the scope of work described in the student-faculty contract

Method(s) of Instruction

Methods of Instruction may include but are not limited to the following:

Independent study as defined in the student-faculty contract

Representative Text(s) and Other Materials

Text will vary with content.

Types and/or Examples of Required Reading, Writing, and Outside of Class Assignments

This course requires research, analysis, field study, portfolio, or other independent assignments of an agreed upon college-level subject.

Discipline(s)

Mathematics