MATH 49 Course Outline as of Fall 2014

CATALOG INFORMATION

Dept and Nbr: MATH 49 Title: INDEPENDENT STUDY

Full Title: Independent Study in Mathematics

Last Reviewed: 10/12/2020

| Units | | Course Hours per Week | N | br of Weeks | Course Hours Total | |
|---------|------|-----------------------|------|-------------|---------------------------|--------|
| Maximum | 3.00 | Lecture Scheduled | 0 | 17.5 | Lecture Scheduled | 0 |
| Minimum | 1.00 | Lab Scheduled | 0 | 5 | Lab Scheduled | 0 |
| | | Contact DHR | 1.00 | | Contact DHR | 17.50 |
| | | Contact Total | 1.00 | | Contact Total | 17.50 |
| | | Non-contact DHR | 8.00 | | Non-contact DHR | 140.00 |

Total Out of Class Hours: 0.00 Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

Catalog Description:

Seminars or individual conferences by arrangement to provide for independent study and enriched academic experience in Math. UC determines credit AFTER transfer; not counted for admission. (See a counselor for details.)

Prerequisites/Corequisites:

Course Completion of MATH 154 or Course Completion of MATH 155 or higher

Recommended Preparation:

Limits on Enrollment:

Approval of the project proposal by sponsoring faculty, Department Chair and Supervising Administrator.

Schedule of Classes Information:

Description: Seminars or individual conferences by arrangement to provide for independent study and enriched academic experience in Math. UC determines credit AFTER transfer; not counted for admission. (See a counselor for details.) (Grade Only)

Prerequisites/Corequisites: Course Completion of MATH 154 or Course Completion of MATH 155 or higher

Recommended:

Limits on Enrollment: Approval of the project proposal by sponsoring faculty, Department Chair

and Supervising Administrator.

Transfer Credit: CSU;UC.

Repeatability: Two Repeats if Grade was D, F, NC, or NP

ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:

AS Degree: Area Effective: Inactive: CSU GE: Transfer Area Effective: Inactive:

IGETC: Transfer Area Effective: Inactive:

CSU Transfer: Transferable Effective: Fall 1981 Inactive:

UC Transfer: Transferable Effective: Fall 1981 Inactive:

CID:

Certificate/Major Applicable:

Not Certificate/Major Applicable

COURSE CONTENT

Outcomes and Objectives:

Upon completion of this coursel, students should be able to:

- 1. Utilize mathematics in the solution of important problems.
- 2. Demonstrate competence in the skills from the selected study topic.
- 3. Formulate and execute a strategy to solve stated problems.

Topics and Scope:

Contents will vary with the student, but generally will reflect a student's special interests and abilities.

Assignment:

Assignments (e.g. reading reports, term papers, homework problems, oral or poster presentations, objective exams) for Math 49 will vary with the student and sponsoring instructor.

Methods of Evaluation/Basis of Grade:

Writing: Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

| | Reading reports, term papers | Writing |
|--------------|------------------------------|---------|
| Reading repo | Reading reports, term papers | 5 - 95% |

Problem Solving: Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems

Problem solving 0 - 95%

Skill Demonstrations: All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Oral or poster presentations

Skill Demonstrations 0 - 95%

Exams: All forms of formal testing, other than skill performance exams.

Objective exams

Exams 0 - 95%

Other: Includes any assessment tools that do not logically fit into the above categories.

None

Other Category 0 - 0%

Representative Textbooks and Materials:

Text will vary with content