ASTR 72R: INDEPENDENT STUDY IN ASTRONOMY

Foothill College Course Outline of Record

Heading	Value
Units:	3
Hours:	9 laboratory per week (108 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

- Student communicates the process and/or results of scientific reasoning in an audience appropriate manner.
- Students demonstrate aspects of scientific research.

Description

Provides an opportunity for the student to expand their studies in Astronomy 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:
A. Plan an independent study project in Astronomy.
B. 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.
C. 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

None.

Method(s) of Evaluation

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

Method(s) of Instruction

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)

Physics/Astronomy