PHYS-199: INDEPENDENT STUDY IN PHYSICS

Effective Term
Fall 2013

BOT Approval
12/12/2012

SECTION A - Course Data Elements

CB04 Credit Status
Credit - Degree Applicable

Discipline

Minimum Qualifications	And/Or
Physics/Astronomy (Master's Degree)	

Subject Code
PHYS - Physics

Course Number
199

Department
Physics (PHYS)

Division
Science and Engineering (SE)

Full Course Title
Independent Study in Physics

Short Title
Independent Study in Physics

CB03 TOP Code
1902.00 - Physics, General

CB08 Basic Skills Status
NBS - Not Basic Skills

CB09 SAM Code
E - Non-Occupational

Rationale
Typos corrected for catalog.

SECTION B - Course Description

Catalog Course Description
For the physics students who wish to pursue topics not included in the regular curriculum. Possible projects include a research paper, a computer project, sophisticated problem-solving, or innovative experiments in physics. Students must contract with a physics instructor specifying course content and hours/week. Credit/No Credit grading.

SECTION C - Conditions on Enrollment

Open Entry/Open Exit
No

Repeatability
Not Repeatable

Grading Options
Pass/No Pass Only

Allow Audit
Yes

Requisites

SECTION D - Course Standards

Is this course variable unit?
Yes

Units
1.00
Units Maximum
3.00

Lab Hours
54.00
Lab Hours Maximum
162.00

Outside of Class Hours
0
Outside of Class Hours Maximum
0

Total Contact Hours
54
Total Contact Hours Maximum
162

Total Student Hours
54
Total Student Hours Maximum
162

Distance Education Approval

Is this course offered through Distance Education?
No

SECTION E - Course Content

Course Objectives

	Upon satisfactory completion of the course, students will be able to:
1.	A RESEARCH PAPER - to master the process of collecting and organizing reference materials into a well-written term paper.
2.	A COMPUTER PROJECT - to write a computer program that allows the solution of a physics problem.
3.	PROBLEM SOLVING - to perfect the technique of solving difficult physics problems in a concise manner.
4.	AN EXPERIMENT PROJECT - to successfully plan and complete a physics experiment including a written laboratory report.

Course Content
Specific content will be identified in a contract for each course offering.

Methods of Evaluation

Methods of Evaluation

Types	Examples of classroom assessments
Other	Fulfillment of the contract objectives.

Assignments

Writing Assignments
Varies according to topic.

SECTION F - Textbooks and Instructional Materials

Material Type
Other required materials/supplies

Description
Varies according to topic.

Proposed General Education/Transfer Agreement

Do you wish to propose this course for a Local General Education Area?
No

Do you wish to propose this course for a CSU General Education Area?
No

Do you wish to propose this course for a UC Transferable Course Agreement (UC-TCA)?
No

Course Codes (Admin Only)

ASSIST Update
No

CB00 State ID
CCC000368760

CB10 Cooperative Work Experience Status
N - Is Not Part of a Cooperative Work Experience Education Program

CB11 Course Classification Status
Y - Credit Course

CB13 Special Class Status
N - The Course is Not an Approved Special Class

CB23 Funding Agency Category
Y - Not Applicable (Funding Not Used)

CB24 Program Course Status
Program Applicable

Allow Pass/No Pass
Yes

Only Pass/No Pass
Yes