

SOUTHEAST COMMUNITY COLLEGE
DIVISION OF ARTS AND SCIENCES
Sciences
Revision Date: 07-01-24

I. CATALOG DESCRIPTION

Course Number: PHYS2999
Course Title: Individual Special Project in Physics
Prerequisite(s): Program permission by Dean and Instructor
Catalog Description: Selected educational experiences that provide intensive study and research on a topic in physics beyond those included in the regular curriculum. Completed under the direction of a faculty member. Credit hours will vary.
Credit Hours: 1.0 – 4.0
Class Hours: Varies
Lab Hours: Varies
Total Contact Hours: 15-60

II. COURSE OBJECTIVES: *Course will:*

- A. Acquire an understanding of a topic beyond that addressed in the regular curriculum.
- B. Assume responsibility appropriate for the project.
- C. Show initiative and self-motivation in the completion of project goals
- D. Demonstrate a willingness to grow and learn, both personally and academically.

III. STUDENT LEARNING OUTCOMES AND GENERAL EDUCATION LEARNING OUTCOMES

- A. Student Learning Outcomes: *Student will be able to:*
 - 1. Plan and implement appropriate goals based on the needs of the project as determined collaboratively by the faculty supervisor and the student.
 - 2. Perform all major tasks as stated in the project description or as agreed upon between student and faculty advisor.
 - 3. Evaluate progress of project, personal, and academic goals
- B. General Education Learning Outcomes
 - 1. GELO #3: Critical Thinking & Problem Solving
Outcome: Evaluate ideas presented in writing, media, speech, or artistic presentations.
 - 2. GELO#6: Career and Life Skills
Outcome: Demonstrate choices that reflect personal responsibility in one's academic, civic, social, and vocational/professional life.

IV. CONTENT/TOPICAL OUTLINE *(course outline may provide more detailed information)*

- A. Determined by individual projects and goals.

V. INSTRUCTIONAL MATERIALS

- A. Required Text(s):
 - 1. This will differ depending on the identified project.
- B. Other Resources:
 - 2. Course syllabus and outline.

VI. METHODS OF PRESENTATION/INSTRUCTION

- A. Methods of presentation typically include a combination of the following:

1. Individualized instruction
2. Observations
3. Research

VII. METHODS OF EVALUATION

- A. Methods of evaluation typically include a combination of the following:
 1. Course grades, at the determination of the instructor, will be based on appropriate completion of goals and adequate time fulfillment.
- B. SCC GRADING SCALE:

A+	95-100	C+	75-79	F	59 or less
A	90-94	C	70-74		
B+	85-89	D+	65-69		
B	80-84	D	60-64		

VIII. SPECIFIC COURSE REQUIREMENTS

- A. Grade of C or higher to meet graduation requirements.
- B. Successful completion of all requirements, projects, and assignments.