

COURSE OUTLINE

Revision: Mike Steffancin, May 2008

DEPARTMENT: Academic Programs

CURRICULUM: The Natural World

COURSE TITLE: Special Topics in Physics

COURSE NUMBER: PHYS 298

TYPE OF COURSE: Academic Transfer
Special Requirement Met: None

AREA(S) OF KNOWLEDGE: None

COURSE LENGTH: 1 quarter

CREDIT HOURS: Variable 1 to 5

LECTURE HOURS: 1 - 55

LAB HOURS: Variable to 165

CLASS SIZE: Variable

PREREQUISITES: Instructor's permission

COURSE DESCRIPTION:

Independent work in physics laboratory and/or library.

PHYS 298 Special Topics in Physics
May 2008

STUDENT LEARNING OUTCOMES ADDRESSED:

Due to the nature of this course, i.e., a course designed for specific requirements, the following are important components:

1. Computation – Identify, interpret, and utilize higher level mathematical and cognitive skills
2. Critical Thinking and Problem Solving – Think critically in evaluating information, solving problems and making decisions.
3. Technology – Select and use appropriate technological tools for personal, academic and career tasks.
4. Personal Responsibility – Be motivated and able to continue learning and adapt to change.
5. Information Literacy – Access and evaluate information from a variety of sources and contexts, including technology. Use information to achieve personal, academic, and career goals, as well as to participate in a democratic society.

GENERAL COURSE OBJECTIVES:

To be determined by the contracting parties with SSCC

TOPICAL OUTLINE:

To be determined by agreement between the requesting parties and SSCC

REVISED BY: Mike Steffancin
DATE: May 2008