**PHYS 10: Introductory Physics III**

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**Prerequisites**

(1) Either one of PHYS 08, PHYS 018, or ICP; (2) Math 24 (may be taken concurrently); and (3) Either PHYS 09 or PHYS 19 (may be taken concurrently)

The following courses may be taken in the same semester as PHYS 10: (2) Math 24; (3) Either PHYS 09 or PHYS 19

**Corequisites**

**Major Restrictions**

**Class Level Restrictions**

**Course Description**

An introduction to developments in modern physics over the last 100 years that have radically altered our view of nature. Particular emphasis is placed on the quantum theory, with applications to atoms, molecules, solids, and light.

**TIE Code**

T: Lecture plus Supplementary Activity

**Reasons for Request**

New Description

Pre-requisite Change

1. We added MATH 24 as a prerequisite, in order to assure appropriate student preparation. 2. We also changed the course description to more accurately reflect the course content. 3. Finally, we also adjusted the lab hours to reflect the current implementation of the course.

**Brief Explanation of Change(s)**

Students meet each week for a three-hour "lab". For only about half of the weeks is this time actually spent on labs. During the other weeks, this time is treated as a discussion section, and is typically only about an hour long.

**Total Contact/Non-contact Hours Per Week**

Lecture: 3 contact, 6 non-contact
Lab: 3 contact, 0 non-contact
Seminar: 0 contact, 0 non-contact
Total Hours Per Week: 12
Grading Options: Pass/No Pass Option for Non-Majors
In Progress Grading: ----
Maximum Enrollment: 25
Maximum Enrollment Reason: ----
Cross-listing: ----
Conjoined: ----
Cross-listed Schools: ----
Can this course be repeated? No
How many times?

Resource Requirements: The course will need adequate classroom space for lecture, discussion, and lab plus TA resources for discussion.

Does this satisfy a General Education Requirement? No
Course Outline and/or Additional Documentation: SyllabusPhys0102008.pdf (17Kb)