

CBM003 ADD/CHANGE FORM

Undergraduate Council
 New Course Course Change
Core Category: NONE Effective Fall 2007

or

Graduate/Professional Studies Council
 New Course Course Change
Effective Fall

1. Department: Physics College: NSM

2. Person Submitting Form: James R. Benbrook Telephone: 743-3520

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3. Course Information on New/Revised course:

• Instructional Area / Course Number / Long Course Title:

PHYS / 3315 / Modern Physics I

• Instructional Area / Course Number / Short Course Title (30 characters max.)

PHYS / 3315 / MODERN PHYSICS I

• SCH: 3.00 Level: JR CIP Code: 40.0801.00 Lect Hrs: 3 Lab Hrs: 0

APPROVED FEB 21 2007

4. Justification for adding/changing course: To more accurately reflect course content/level

5. Was the proposed/revised course previously offered as a special topics course? Yes No

If Yes, please complete:

• Instructional Area / Course Number / Long Course Title:

 / /

• Content ID: Start Date (yyyy3):

6. Is this course offered for undergraduate credit only? Yes No

7. Authorized Degree Program(s): B.S.: B.A./Physics

• Does this course affect major/minor requirements in the College/Department? Yes No

• Does this course affect major/minor requirements in other Colleges/Departments? Yes No

• Are special fees attached to this course? Yes No

• Can the course be repeated for credit? Yes No

8. Grade Option: Letter (A, B, C ...) Instruction Type: lecture

9. If this form involves a change to an existing course, please obtain the following information from the course inventory: Instructional Area / Course Number / Long Course Title

PHYS / 3315 / Modern Physics I

• Start Date (yyyy3): Content I.D.: 004465

10. Proposed Catalog Description: (If there are no prerequisites, type in "none".)

Cr: 3 (3-0). Prerequisites: PHYS 1301 and 1302, or PHYS 1322, and credit for or concurrent enrollment in MATH 3331. Description (30 words, max.): The fundamental concepts of quantum physics and relativity. Applications to atomic structure and spectra, black body radiation, solid state physics, and nuclei.

11. Dean's Signature:  6 Oct '06 Date:

Print/Type Name: 