CBM003 ADD/CHANGE FORM

☐ Undergraduate Council  or  ☐ Graduate/Professional Studies Council
☐ New Course  ☑ Course Change
Core Category: NONE  Effective Fall 2007

1. Department: Physics  College: NSM

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

3. Course Information on New/Revised course:
   • Instructional Area / Course Number / Long Course Title:
     PHYS / 3316 / Modern Physics II
   • Instructional Area / Course Number / Short Course Title (30 characters max.)
     PHYS / 3316 / MODERN PHYSICS II
   • SCH: 3.00  Level: JR  CIP Code: 40.0801.00  Lect Hrs: 3  Lab Hrs: 0

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 / 3316 / Modern Physics II
   • Start Date (yyyy3): ______  Content I.D.: ______

10. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
    Cr.3 (3-0). Prerequisites: PHYS 3315. 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: ___________________________  Date: 13 Oct '06
    Print/Type Name: ___________________________