CBM003 ADD/CHANGE FORM

| □ Undergraduate Council | □ Graduate/Professional Studies Council |
| □ New Course □ Course Change | □ New Course □ Course Change |

Core Category: NONE  Effective Fall 2007  Effective Fall __

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 / 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

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/Degrees? □ 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: __________________________  Date: 6 Oct 06

Print/Type Name: __________________________