CBM003 ADD/CHANGE FORM

☐ Undergraduate Council  ☒ New Course  ☐ Course Change
☐ Core Category:  Effective Fall 2013

or

☐ Graduate/Professional Studies Council  ☐ New Course  ☐ Course Change
☐ Effective Fall 2013

1. Department: Computer Science  College: NSM

2. Faculty Contact Person: Shishir Shah  Telephone: 743-3360  Email: sshah@central.uh.edu

3. Course Information on New/Revised course:
   • Instructional Area / Course Number / Long Course Title:
     COSC / 4364 / Numerical Methods
   • Instructional Area / Course Number / Short Course Title (30 characters max.):
     COSC / 4364 / NUMERICAL METHODS
   • SCH: 3.00  Level: SR  CIP Code: 27.0301.00.01  Lect Hrs: 3  Lab Hrs: 0

4. Justification for adding/changing course: Successfully taught as a selected topics course

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:
     COSC / 4397 / Sel Top-Computer Science: Numerical Analysis
   • Course ID: 16876  Effective Date (currently active row): 20130114

6. Authorized Degree Program(s):
   • 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
   • Can the course be repeated for credit? ☐ Yes  ☒ No (if yes, include in course description)

7. Grade Option: Letter (A, B, C ...)  Instruction Type: lecture ONLY  (Note: Lect/Lab info. must match item 3, above.)

8. 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
   ___________________________________________  Effective Date (currently active row): ______________
   • Course ID: 16876  Effective Date (currently active row): ______________

9. Proposed Catalog Description: (If there are no prerequisites, type in "none").
   Cr: 3. (3-0). Prerequisites: COSC 2320, MATH 2331 and MATH 3338  Description (30 words max.):
   Programming numerical solution of problems in linear algebra; system of linear equations, matrix inversion, and Eigen-value problems, solution of equations, polynomial approximations, and initial value problems of ordinary differential equations. Credit towards a degree may not be earned for both COSC 4364 and either of COSC 3361 or COSC 3362.

10. Dean's Signature: __________________________________________ Date: 13 Nov 12

Print/Type Name: Ian Evans

- Created on 9/26/12 3:03 PM -