CBM003 ADD/CHANGE FORM

[X] Undergraduate Council  [ ] Graduate/Professional Studies Council

[X] New Course  [ ] Course Change

Core Category:  _______  Effective Fall 2007

1. Department: COSC  College: NSM

2. Person Submitting Form: Venkat Subramaniam  Telephone: 33342

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     COSC / 3320 / Algorithms and Data Structures
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     COSC / 3320 / ALGORITHMS AND DATA STRUCTURES
   - SCH: 3.00  Level: JR  CIP Code: 11.0701.00.06  Lect Hrs: 3  Lab Hrs: 0

4. Justification for adding/changing course: To provide for important discipline area.

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

7. Authorized Degree Program(s): B.S., COMPUTER SCIENCE
   - Does this course affect major/minor requirements in the College/Department?  [X] Yes  [ ] No
   - Does this course affect major/minor requirements in other Colleges/Departments?  [ ] Yes  [X] No
   - Are special fees attached to this course?  [ ] Yes  [X] No
   - Can the course be repeated for credit?  [ ] Yes  [X] 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
   _______ / _______ / _______
   - Start Date (yyyy3): _______  Content I.D.: _______

10. Proposed Catalog Description: (If there are no prerequisites, type in "none".)
    Cr:S(3-0). Prerequisites: COSC 2320. Description (30 words max.): Data structures and algorithms for
    manipulating them. Algorithm analysis and design, heuristics; advanced tree structures; advanced hashing
    techniques; sorting and searching; graphs, sets. NP-Completeness, Time and Space complexities.

11. Dean's Signature: ____________________________  6 Oct 06  Date:______________
    Print/Type Name: ____________________________