UC 9063 06F

CBM003 ADD/CHANGE FORM

	or	
☒ Undergraduate Council ☒ New Course ☐ Course Change Core Category: _____ Effective Fall <u>2007</u>		☐ Graduate/Professional Studies Council ☐ New Course ☐ Course Change Effective Fall __

1. Department: <u>COSC</u> College: <u>NSM</u>

2. Person Submitting Form: <u>Venkat Subramaniam</u> Telephone: <u>33342</u>

   RECEIVED OCT 1 2 2006

   APPROVED FEB 2 1 2007

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     <u>COSC</u> / <u>3320</u> / <u>Algorithms and Data Structures</u>

   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     <u>COSC</u> / <u>3320</u> / <u>ALGORITHMS AND DATA STRUCTURES</u>

   - SCH: <u>3.00</u> Level: <u>JR</u> CIP Code: <u>11.0701.00 06</u> Lect Hrs: <u>3</u> Lab Hrs: <u>0</u>

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 ☒ 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): <u>B.S., COMPUTER SCIENCE</u>
   - 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: <u>Letter (A, B, C ...)</u> Instruction Type: <u>lecture</u>

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: 3 (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 ▓▓▓▓▓▓