

UC 12680 13F

CBM003 ADD/CHANGE FORM

APPROVED FEB 19 2014

Undergraduate Committee
 New Course Course Change
Core Category: NONE Effective Fall 2014

or

Graduate/Professional Studies Committee
 New Course Course Change
Effective Fall 2014

RECEIVED OCT 09 2013

1. Department: COSC College: NSM
2. Faculty Contact Person: Shishir Shah Telephone: 713-743-3360 Email: sshah@central.uh.edu

3. Course Information on New/Revised course:
• Instructional Area / Course Number (*see CBM003 instructions) / Long Course Title:
COSC / 3340 / Introduction to Automata and Computability

• Instructional Area / Course Number / Short Course Title (30 characters max.)

COSC / 3340 INT TO AUTOMATA & COMP

• SCH: 3 Level: JR CIP Code: 11-0701-00 Lect Hrs: 3 Lab Hrs: 0

• Term(s) Course is Offered (*see CBM003 instructions about selection): Fall

4. Justification for adding/changing course: To reflect change in prerequisite 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:

____ / ____ / _____

• Course ID: _____ Effective Date (currently active row): _____

6. Authorized Degree Program(s): B.S., Computer Science

• 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. *See CBM003 instructions.)

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

COSC / 3340 / Introduction to Automata & Computability

• Course ID: 16811 Effective Date (currently active row): 8252003

9. Proposed Catalog Description: (If there are no prerequisites, type in "none".)

Cr: 3. (3-0). Prerequisites: COSC 2320 and MATH 3336. For COSC majors and minors and CpE majors only. Description (30 words max.): Introduction to automata theory (finite-state automata, push-down automata, Turing machines); formal systems (regular and context-free languages and grammars); computability, Church-Turing thesis.

10. Dean's Signature: _____ Date: 9 Oct '13

Print/Type Name: _____