The University Of Toledo

PROGRAM REQUIREMENT REVISION FORM

Please list the proposed program structure. Attach additional pages as necessary.

College: ENG  Dept/Academic Unit: TE
Contact Person: Hong Wang  Phone: 530-3214  Email: hong.wang2@utoledo.edu
Program Name: Computer Science and Engineering Technology
Program Level: [ ] Undergraduate  [ ] Graduate

Changes and Reason for Changes

Computer science is a fast growing and changing curriculum. To meet ABET requirements and better prepare our students for job market and graduate work, we made the following changes to the curriculum:

1. Added two new courses: CSET2230 (Assembly Language and Computer Architecture) and CSET4350 (Operating systems) to replace EET2230 (Assembly Languages) and EET4250 (Microcomputer Architecture) which serve a different purpose than CSET courses.

2. added a lab to the introduction course.

3. Delayed EECS1590 (Discrete Structures) to the third semester. ET students are normally less prepared with Math courses and it is one of our strategies to let them take math courses in the second year.

4. Changed CSET4100 (Server side programming) to a free elective. Many elective courses that are both important to computer science curriculum and interesting to learn are waiting to be developed (e.g. Network Security, AI, Game programming, Computer Graphics, Data Mining, etc.). If not more important than Server side programming, they are at least equally important to learn.

5. Some course name changes to reflect the true course subject. CSET1200 from GUI programming to OOP and Data Structures; CSET3150 from Advanced programming to Intro to Algorithms,

6. Some other shuffling was done to balance credit hours taken each semester.

New program flow chart is attached.

After college approval, submit the original signed form to the Faculty Senate (UH 3320) for undergraduate-level courses; for graduate-level courses submit the original signed form to the Graduate School (UH3240).

Department Curriculum Authority:  Date 7/1/2011 (mm/dd/yyyy)
Department Chairperson:  Date 3/1/2011 (mm/dd/yyyy)
College Curriculum Authority:  Date 1/19/2010 (mm/dd/yyyy)
College Dean:  Date 1/25/2011 (mm/dd/yyyy)
FS Acad. Programs or Graduate Council:  
Office of the Provost:  
Registrar's Office:  

http://curriculumtracking.utoledo.edu/ProgramModShow.asp?pgmname=Computer+Science