Computer Engineering Undergraduate Curriculum Flowchart 2011 – 2012

1st Semester (Fall)
- HIST 1377 US to 1877
- POLS 1336 US & TX Constitutions
- ENGL 1303 First Year Writing I
- ECE 1100 Intro. To ECE
- MATH 1431 Calculus I
- CHEM 1372 Chem for Engr

2nd Semester (Spring)
- HIST 1378 US since 1877
- ENGL 1304 First Year Writing II
- ECE 1331 Comp. & Prob. Solv.
- MATH 1432 Calculus II
- PHYS 1321 Univ Phys I
- CHEM 1117 Chem for Engr Lab

3rd Semester (Fall)
- POLS 1337 US Govt
- ECE 2100 Circuits Lab
- ECE 2300 Circuit Analysis
- MATH 2433 Calculus III
- PHYS 1322 Univ Phys II
- MATH 3321 Engineering Math

4th Semester (Spring)
- XXXX X3XX Visual and Perf Arts Core
- ENGI 2304 Technical Comm
- ECE 3331 Prog Applic In ECE
- ECE 3337 EE Analysis
- ECE 2317 Applied Elec & Magnetism

5th Semester (Fall)
- XXXX X3XX Humanities Core
- ECE 3441 Digital Logic Design
- ECE 3155 Electronics Lab
- ECE 3355 Electronics
- INDE 2333 Engr Statistics

6th Semester (Spring)
- ECON 2304 Microecon. Principles
- ECE 4436 Microprocessors
- ECE 4335 ECE Sys Design I
- Approved ECE / COSC Elective
- MATH 3336 Discrete Math
- COSC 1320 Intro to Comp Sci II

7th Semester (Fall)
- Approved CpE Elective
- ECE 3457 Digital Electronics
- ECE Elective & Lab
- COSC 4351 Fund of SW Engr
- ECE 5367 Intro to Comp Arch

8th Semester (Spring)
- ECE 4336 ECE Sys Design II
- Approved CpE Elective
- ECE Elective & Lab
- COSC 4330 Fund of Oper Sys

Legends and notes on reverse

Total Sem. Credit Hrs. 130

5 Aug 2011
Note: Changes in prerequisites/corequisites for a course made subsequent to the date of this chart, although not reflected in the (outdated) flowchart, do apply to students who have not taken the course.

## ECE or COSC Elective: Any ECE elective at the 3000 level or above, or choice of COSC 3480, COSC 3340, or any 3 or 4 SCH 4000 level COSC course. This elective cannot be ECE 3336.

^ECE 4335-4336: These are a two-course sequence that must be taken in consecutive semesters, with 4336 to be taken in the semester of graduation.

Approved CpE Electives: ECE 4437, 5436 or 5440.

*ECE Elective/Lab: Any ECE elective at 3000 level or above with associated lab. This elective cannot be ECE 3336.

Courses shown as XXXX X3XX: This means that any appropriate 3-hour course in the indicated category of the core will fit in this box. Remember that the second digit in a course number indicates the number of hours for that course.

1. Arrow to the top of a box means A is a prerequisite for C.
2. Arrow to the side of a box means credit for or registration in B is a prerequisite for C.
3. Two-headed arrow between the sides of two boxes means C and D must be taken at the same time.
4. In order to take C, you must have made a C- or better in every Engineering and NSM course in the prerequisite chains leading through A, B, and D.