FRESHMAN YEAR

First Semester
- ENGL 104 Comp. and Rhetoric (3-0) 3
- ENGR 111 Foundations in Engineering I (1-3) 2
- MATH 151 Engineering Mathematics I (3-2) 4
- PHYS 218 Mechanics (3-3) 3
- University Core Curriculum elective¹

Second Semester
- ENGR 112 Foundations in Engineering II (1-3) 2
- MATH 152 Engineering Mathematics II (3-2) 4
- PHYS 208 Electricity and Optics (3-3) 4
- University Core Curriculum elective¹

Total Credits: 16

SOPHOMORE YEAR

First Semester
- CSCE 121 Intro. Prog. Design and Concepts (3-2) 4
- CSCE 222 Discrete Struct. for Computing (3-0) 3
- ECEN 248 Digital Sys. Design (3-3) 4
- CSCE 311 Engineering Mathematics III (3-0) 3
- Communication elective¹

Second Semester
- CSCE 221 Data Struct. and Algo. (3-2) 4
- ECEN 214 Electrical Circuit Theory (3-3) 4
- MATH 308 Differential Equations (3-0) 3
- University Core Curriculum elective¹
- STAT 211 Principles of Statistics I (3-0) 3

Total Credits: 17

JUNIOR YEAR

First Semester
- CSCE 313 Intro. to Computer Systems (3-2) 4
- CSCE 350 Comp. Arch and Design (3-3) 4
- CSCE 481 Seminar (0-2) 1
- ECEN 314 Signals and Systems (3-0) 3
- MATH 311 Topics in Applied Math I (3-0) 3

Second Semester
- CSCE 315 Programming Studio (2-2) 3
- CSCE 462 Microcomputer Sys (3-4) 4
- ECEN 454 Digital Int. Circuit Des (2-2) 3
- University Core Curriculum elective¹ (3-0) 3

Total Credits: 16

SENIOR YEAR

First Semester
- ENGR 482 Ethics and Engineering (2-2) 3
- ENGR Elective³ (3-0) 3
- Area elective² (3-0) 3
- Area elective² (3-0) 3
- Area elective² (3-0) 3

Second Semester
- CSCE 483 Computer Sys. Design (1-6) 3
- Area elective² (3-0) 3
- Area elective² (3-0) 3
- University Core Curriculum elective¹ (3-0) 3

Total Credits: 15

NOTES:
1. Grade Requirements: A grade of C or better is required for each of the following courses: CSCE 121, CSCE 221, CSCE 222, CSCE 313, CSCE 315, CSCE 350, CSCE 462, CSCE 481, CSCE 483; ENGR 111, ENGR 112; ECEN 214, ECEN 248, ECEN 314, ECEN 325, ECEN 454; MATH 151, MATH 152, MATH 251, MATH 308, MATH 311; CHEM 107/CHM 117, PHYS 208, PHYS 218; ENGL 104.
2. To be selected from the University Core Curriculum. Of the 18 hours shown as University Core Curriculum electives, 3 must be from creative arts, 3 from social and behavioral sciences, 6 from American history, and 6 from Government and Political Science. The required 6 hours from international and cultural diversity may be met by courses satisfying the creative arts, social and behavioral sciences, and the history requirements if they are also on the approved list of international and cultural diversity courses.
3. Three hours of coursework to be approved by student's advisor.
4. Select from ENGL 210 or COMM 205 or 243.

5/21/2015

Department of Computer Science and Engineering
Dwight Look College of Engineering
Texas A&M University

Computer Engineering – Computer Science Track (CECN)
Catalog 138, 2015-16