Computer Science and Engineering Technology, B.S. (CST) Major

School of Arts and Sciences - Department of Computer Science

Sequence Sheet for 2011-2012

First Semester - Fall 2011 (16 hours)

___ BIBL 1043 Biblical Foundations For Living
___ COSC 1303 Computer Science I (1)
___ ENGL 1013 English Composition I
___ LETU 1101 Cornerstones Of Life And Learning
___ MATH 1303 Precalculus
___ MATH 1803 Discrete Mathematics (1)
___ Fulfill English Proficiency Requirement (0 hours)

Second Semester - Spring 2012 (16 hours)

___ COSC 2103 Computer Science II (1)
___ EETC 1021 DC Electricity Lab (Spring only) (1) (2)
___ EETC 1022 DC Electricity (Spring only) (1) (2)
___ ENGL 1023 English Composition II
___ KINE 1512 Concepts Of Lifetime Fitness
___ MATH 1252 Trigonometry
___ HIST History Elective (3 hours)

Third Semester - Fall 2012 (16 hours)

___ BIBL 1033 Biblical Literature
___ COSC 2203 Data Structures (1)
___ DSTC 1203 Computer Aided Drafting And Design
___ EETC 1041 AC Electricity Lab (Fall only)
___ EETC 1042 AC Electricity (Fall only)
___ KINE Physical Activities
___ MATH 1603 Technical Calculus I (Fall only)

Fourth Semester - Spring 2013 (16 hours)

___ COSC 3503 Operating Systems (Spring only)
___ EETC 2313 Electronics I (Spring only)
___ EETC 3213 Digital Electronics (Spring only) (2)
___ MATH 1613 Technical Calculus II (Spring only)
___ PHYS 1111 General Physics I Lab (Spring only)
___ PHYS 1113 General Physics I (Spring only)

Fifth Semester - Fall 2013 (17 hours)

___ COSC 3603 Networks And Data Communications (Fall only)
___ DSTC 1413 Technical Design Elements I (Fall only)
___ EETC 2324 Electronics II (Fall only)
___ PHYS 1121 General Physics II Lab (Fall only)
___ PHYS 1123 General Physics II (Fall only)
___ BIBL Jr.-Sr. Level Elective (3 hours)

Sixth Semester - Spring 2014 (15 hours)

___ COMM 1113 Intro. To Speech Communication
___ COSC 3303 Computer Architecture (Spring only)
___ COSC 3403 Software Engineering I (Spring only)
___ MATH 1423 Elementary Statistics
___ BIBL Jr.-Sr. Level Elective (3 hours)

Seventh Semester - Fall 2014 (15 hours)

___ BECN 2103 Macroeconomics (Fall only) (3)
___ COSC 4303 Software Engineering II (Fall only)
___ EETC 4213 Intro. To Microcontrollers (Fall only)
___ ENGL 3213 Technical Writing (Fall, Even years only)
___ HIST History Elective (3 hours)

Eighth Semester - Spring 2015 (15 hours)

___ COSC 4503 Program Translation (Spring only) (4)
___ PHIL 2063 Ethics
___ POLS 2103 Federal, State, And Local Government (5)
___ COSC Jr.-Sr. Level Elective (3 hours)
___ ENGL Literature Elective (3 hours)

Total hours: 126

Notes:
1: Minimum grade of 'C' required
2: EEGR 2053 Electric Circuits I and EEGR 3213 Digital Electronics may be substituted for EETC 1021, EETC 1022, and EETC 3213.
3: BECN 2203 Microeconomics (Spring) may be substituted for BECN 2103.
4: COSC 4153 Programming Languages may be substituted for COSC 4503 Program Translation.
5: POLS 3203 Introduction to Political Science (Spring) may be substituted for POLS 2103.