

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.