

Engineering Technology, B.S. Mechanical Concentration (MT) Major

School of Engineering and Engineering Technology - Department of Engineering Technology

Sequence Sheet for 2012-2013

First Semester - Fall 2012 (14 hours)

- ___ BIBL 1043 Biblical Foundations For Living
- ___ ENGL 1013 English Composition I
- ___ ENGR 1311 Manufacturing Processes Lab
- ___ ENGR 1513 Intro. to Engineering Practice I (Fall only)
- ___ LETU 1101 Cornerstones Of Life And Learning
- ___ MATH 1303 Precalculus (1)
- ___ Fulfill English Proficiency Requirement (0 hours)

Second Semester - Spring 2013 (17 hours)

- ___ EETC 1021 DC Electricity Lab (Spring only) (1)
- ___ EETC 1022 DC Electricity (Spring only) (1)
- ___ ENGL 1023 English Composition II
- ___ ENGR 1523 Intro. to Engineering Practice II (Spring only)
- ___ KINE 1512 Concepts Of Lifetime Fitness
- ___ MATH 1252 Trigonometry (1)
- ___ PHYS 1111 General Physics I Lab (Spring only)
- ___ PHYS 1113 General Physics I (Spring only)

Third Semester - Fall 2013 (17 hours)

- ___ CHEM 1111 General Chemistry I Lab
- ___ CHEM 1113 General Chemistry I
- ___ EETC 1041 AC Electricity Lab (Fall only) (1)
- ___ EETC 1042 AC Electricity (Fall only) (1)
- ___ MATH 1603 Technical Calculus I (Fall only) (1)
- ___ METC 2013 Statics (Fall only) (1)
- ___ PHYS 1121 General Physics II Lab (Fall only)
- ___ PHYS 1123 General Physics II (Fall only)

Fourth Semester - Spring 2014 (16 hours)

- ___ BIBL 1033 Biblical Literature
- ___ COSC 1303 Computer Science I (2)
- ___ ENGR 2400 Sophomore Design Seminar (Spring only)
- ___ ENGR 2704 Project Management, Design and Entrepreneurship
- ___ MATH 1613 Technical Calculus II (Spring only)
- ___ METC 2023 Dynamics (Spring only) (1)

Fifth Semester - Fall 2014 (17 hours)

- ___ DSTC 1413 Technical Design Elements I (Fall only)
- ___ GETC 2313 Materials Technology (Fall only)
- ___ METC 3321 Strength of Materials Lab (Fall only)
- ___ METC 3323 Strength Of Materials (Fall only)
- ___ METC 3503 Thermodynamics and Heat Transfer (Fall only)
- ___ MJET 2021 Materials Joining Fundamentals Lab (Spring only)
- ___ MJET 2023 Materials Joining Fundamentals (Spring only)

Sixth Semester - Spring 2015 (17 hours)

- ___ COMM 1113 Intro. To Speech Communication
- ___ ENGR 3813 Engineering Design Methodology
- ___ GETC 3323 Modern Manufacturing Methods (Spring only)
- ___ KINE Physical Activities
- ___ METC 4424 Machine Design and Kinematics (Spring only)
- ___ Technical Elective (3 hours)

Seventh Semester - Fall 2015 (16 hours)

- ___ BUSI 3003 Foundations of Business for Engineers
- ___ EETC 3434 Electrical Machinery and Controls (Fall only)
- ___ ENGR 4813 Senior Design I (Fall only)
- ___ METC 4513 Fluid Mechanics (Fall only)
- ___ BIBL Jr.-Sr. Level Elective (3 hours)

Eighth Semester - Spring 2016 (16 hours)

- ___ ENGR 4823 Senior Design II (Spring only)
- ___ METC 4114 Engineering Technology Measurements Lab (Spring only)
- ___ BIBL Jr.-Sr. Level Elective (3 hours)
- ___ ENGL Literature Elective (3 hours)
- ___ HIST History Elective (3 hours)

Total hours: 130

Notes:

- 1: Minimum grade of 'C' required
- 2: MATH 1423 Elementary Statistics may be substituted for COSC 1303.