Engineering Technology, B.S. Aeronautical-Mechanical Concentration (MTAS) Major

School of Engineering and Engineering Technology - Department of Engineering Technology
Sequence Sheet for 2013-2014

First Semester - Fall 2013 (15 hours)

___ AVTC 1001 Foundational Concepts Of Aviation Studies Lab (1)
___ AVTC 1003 Foundational Concepts Of Aviation Studies (1)
___ 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)

Second Semester - Spring 2014 (16 hours)

___ AVTC 1401 Aircraft DC Electricity Lab (1)
___ AVTC 1403 Aircraft DC Electricity (1)
___ BIBL 1043 Biblical Foundations For Living
___ ENGR 1523 Intro. to Engineering Practice II (Spring only)
___ MATH 1252 Trigonometry (1)
___ PHYS 1111 General Physics I Lab (Spring only)
___ PHYS 1113 General Physics I (Spring only)

Third Semester - Fall 2014 (16 hours)

___ EETC 1041 AC Electricity Lab (Fall only) (1)
___ EETC 1042 AC Electricity (Fall only) (1)
___ ENGL 1023 English Composition II
___ 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 2015 (17 hours)

___ AVTC 2231 Intro. To Aircraft Systems Lab
___ AVTC 2232 Intro. To Aircraft Systems
___ BIBL 1033 Biblical Literature
___ ENGR 2400 Sophomore Design Seminar (Spring only)
___ ENGR 2704 Project Management, Design and Entrepreneurship
___ KINE Physical Activities
___ MATH 1613 Technical Calculus II (Spring only)
___ METC 2023 Dynamics (Spring only) (1)

Fifth Semester - Fall 2015 (16 hours)

___ AVTC 3261 Aircraft Composites Lab (Fall only)
___ AVTC 3262 Aircraft Composites (Fall only)
___ AVTC 3612 Intro. To Aircraft Gas Turbine Engines
___ BUSI 3003 Foundations of Business for Engineers
___ CHEM 1111 General Chemistry I Lab
___ CHEM 1113 General Chemistry I
___ METC 3321 Strength of Materials Lab (Fall only)
___ METC 3323 Strength Of Materials (Fall only)

Sixth Semester - Spring 2016 (17 hours)

___ AVTC 2213 Aircraft Metal Structures
___ COMM 1113 Intro. To Speech Communication
___ ENGR 3813 Engineering Design Methodology
___ METC 4412 Kinematics Of Machines (Spring only)
___ METC 4433 Elements Of Machine Design (Spring only)
___ BIBL Jr.-Sr. Level Elective (3 hours)

Seventh Semester - Fall 2016 (16 hours)

___ EETC 3434 Electrical Machinery and Controls (Fall only)
___ ENGR 4813 Senior Design I (Fall only)
___ GETC 2313 Materials Technology (Fall only)
___ METC 3503 Thermodynamics and Heat Transfer (Fall only)
___ METC 4113 Engineering Technology Measurements Lab (Fall only)

Eighth Semester - Spring 2017 (17 hours)

___ ENGR 4823 Senior Design II (Spring only)
___ KINE 1512 Concepts Of Lifetime Fitness
___ METC 4513 Fluid Mechanics (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