Engineering Technology, B.S. Aeronautical-Electrical Concentration (ETAS) 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)
___ EETC 1011 Electronic Fabrication Fundamentals (Fall only)
___ ENGL 1013 English Composition I
___ ENGR 1513 Intro. to Engineering Practice I (Fall only)
___ LETU 1101 Cornerstones Of Life And Learning
___ MATH 1303 Precalculus (1)

Second Semester - Spring 2014 (17 hours)

___ AVTC 1401 Aircraft DC Electricity Lab (1)
___ AVTC 1403 Aircraft DC Electricity (1)
___ BIBL 1043 Biblical Foundations For Living
___ ENGR 1311 Manufacturing Processes Lab
___ 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 (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)
___ ENGL 1023 English Composition II
___ MATH 1603 Technical Calculus I (Fall only) (1)
___ PHYS 1121 General Physics II Lab (Fall only)
___ PHYS 1123 General Physics II (Fall only)

Fourth Semester - Spring 2015 (16 hours)

___ AVTC 2231 Intro. To Aircraft Systems Lab
___ AVTC 2232 Intro. To Aircraft Systems
___ EETC 2313 Electronics I (Spring only)
___ EETC 3213 Digital Electronics (Spring only)
___ ENGR 2400 Sophomore Design Seminar (Spring only)
___ ENGR 2704 Project Management, Design and Entrepreneurship
___ MATH 1613 Technical Calculus II (Spring only)

Fifth Semester - Fall 2015 (17 hours)

___ AVTC 3461 Aircraft Instrumentation Systems Lab (Fall only)
___ AVTC 3462 Aircraft Instrumentation Systems (Fall only)
___ BIBL 1033 Biblical Literature
___ EETC 2324 Electronics II (Fall only)
___ EETC 3434 Electrical Machinery and Controls (Fall only)
___ METC 2013 Statics (Fall only) (1)

Sixth Semester - Spring 2016 (16 hours)

___ AVTC 2441 Airframe Electrical Lab
___ AVTC 2443 Airframe Electrical
___ BUSI 3003 Foundations of Business for Engineers
___ ENGR 3813 Engineering Design Methodology
___ METC 2023 Dynamics (Spring only) (1)
___ BIBL Jr.-Sr. Level Elective (3 hours)

Seventh Semester - Fall 2016 (17 hours)

___ COMM 1113 Intro. To Speech Communication
___ EETC 4213 Intro. To Microcontrollers (Fall only)
___ ENGR 4813 Senior Design I (Fall only)
___ KINE 1512 Concepts Of Lifetime Fitness
___ ENGL Literature Elective (3 hours)
___ HIST History Elective (3 hours)

Eighth Semester - Spring 2017 (15 hours)

___ AVTC 4401 Avionics Lab (Spring only)
___ AVTC 4403 Avionics (Spring only)
___ EETC 4521 Electronic Communications and Processes Lab (Spring only)
___ EETC 4523 Electronic Communications and Processes (Spring only)
___ ENGR 4823 Senior Design II (Spring only)
___ KINE Physical Activities
___ BIBL Jr.-Sr. Level Elective (3 hours)

Total hours: 130

Notes:
1: Minimum grade of 'C' required