LeTourneau University

First Semester - Fall 2013 (16 hours)

___ AERF 1113 Flight Science I (Private Ground School)
___ AVTC 1001 Foundational Concepts Of Aviation Studies Lab (1)
___ AVTC 1003 Foundational Concepts Of Aviation Studies (1)
___ BIBL 1033 Biblical Literature
___ KINE 1512 Concepts Of Lifetime Fitness
___ LETU 1101 Cornerstones Of Life And Learning
___ MATH 1203 College Algebra With Applications

Second Semester - Spring 2014 (14 hours)

___ AERF 1111 Primary Flight 1 (Private Pilot Flight 1)
___ AERF 1112 LeTourneau Flight Operations
___ AVTC 1401 Aircraft DC Electricity Lab (1)
___ AVTC 1403 Aircraft DC Electricity (1)
___ BIBL 1043 Biblical Foundations For Living
___ ENGL 1013 English Composition I
___ ENGR 1311 Manufacturing Processes Lab

Third Semester - Fall 2014 (17 hours)

___ AERF 1121 Primary Flight 2 (Private Pilot Flight 2)
___ AERO 2203 Meteorology for Pilots
___ AVTC 2431 Powerplant Electrical Systems Lab
___ AVTC 2433 Powerplant Electrical Systems
___ AVTC 2601 Intro. To Aircraft Reciprocating Engines Lab
___ AVTC 2603 Intro. To Aircraft Reciprocating Engines
___ DSTC 1203 Computer Aided Drafting And Design
___ MATH 1252 Trigonometry

Fourth Semester - Spring 2015 (17 hours)

___ AERF 2103 Flight Science II (Instrument Ground School)
___ AERF 2311 Commercial Flight I
___ AVTC 2231 Intro. To Aircraft Systems Lab
___ AVTC 2232 Intro. To Aircraft Systems
___ AVTC 2441 Airframe Electrical Lab
___ AVTC 2443 Airframe Electrical
___ ENGL 1023 English Composition II
___ MATH 1503 Calculus With Business Applications (Spring only) (2)

Fifth Semester - Fall 2015 (17 hours)

___ AERF 3103 Flight Science III (Commercial Ground School)
___ AERF 3412 Instrument Flight
___ AERO 2112 Aerodynamics For Pilots
___ AVTC 3261 Aircraft Composites Lab (Fall only)
___ AVTC 3262 Aircraft Composites (Fall only)
___ AVTC 3461 Aircraft Instrumentation Systems Lab (Fall only)
___ AVTC 3462 Aircraft Instrumentation Systems (Fall only)
___ CHEM 1111 General Chemistry I Lab
___ CHEM 1113 General Chemistry I

Sixth Semester - Spring 2016 (17 hours)

___ AERF 2411 Commercial Flight II - Multi-Engine Operations
___ AVTC 2211 Aircraft Metal Structures Lab
___ AVTC 2213 Aircraft Metal Structures
___ AVTC 3612 Intro. To Aircraft Gas Turbine Engines
___ AVTC 3631 Advanced Aircraft Reciprocating Engines Lab (Spring only)
___ AVTC 3632 Advanced Aircraft Reciprocating Engines (Spring only)
___ AVTC 3641 Carburetion And Fuel Systems Lab (Spring only)
___ AVTC 3642 Carburetion And Fuel Systems (Spring only)
___ PHYS 1111 General Physics I Lab (Spring only)
___ PHYS 1113 General Physics I (Spring only)

Third Summer 2016 (6 hours)

___ AVTC 4281 Assembly And Rigging Lab (Summer only)
___ AVTC 4282 Assembly And Rigging (Summer only)
___ AVTC 4681 Powerplant Systems Troubleshooting Lab (Summer only)
___ AVTC 4682 Powerplant Systems Troubleshooting (Summer only)

Seventh Semester - Fall 2016 (18 hours)

___ AERF 3512 Commercial Flight III - Air Transport Emphasis (3)
___ AVTC 4021 Aircraft Inspections Lab (Fall only)
___ AVTC 4022 Aircraft Inspections (Fall only)
___ AVTC 4601 Advanced Aircraft Gas Turbine Engines Lab (Fall only)
___ AVTC 4603 Advanced Aircraft Gas Turbine Engines (Fall only)
___ COMM 1113 Intro. To Speech Communication
___ BIBL Jr.-Sr. Level Elective (3 hours)
___ HIST History Elective (3 hours)

Eighth Semester - Spring 2017 (17 hours)

___ AVTC 3211 Transport Category Aircraft Systems Lab
___ AVTC 3212 Transport Category Aircraft Systems
___ AVTC 3661 Propellers Lab (Spring only)
___ AVTC 3662 Propellers (Spring only)
___ AVTC 4401 Avionics Lab (Spring only)
___ AVTC 4403 Avionics (Spring only)
___ KINE Physical Activities
___ BIBL Jr.-Sr. Level Elective (3 hours)
___ ENGL Literature Elective (3 hours)

Aeronautical Science, B.S. (AFFS) Major

Aeronautical Science - Department of Flight Science

Sequence Sheet for 2013-2014

Total hours: 139

Notes:

Summer flight after freshman year can reduce the normal semester load and make room for flight electives.

1: These courses require a minimum grade of C and are prerequisite to all other AVTC courses.

2: MATH 1603 Technical Calculus OR MATH 1903 Calculus I will also satisfy this math requirement.

3: AERF 3522 Commercial Flight III - Missions Emphasis may be substituted for AERF 3512.