

Academic Year 2015-2016
 Bachelor of Science in Aeronautics
 Flight Science Concentration
 Required Hours: 121

Student Name: Last, First, MI	Matriculation Date	Banner ID
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PARKS COLLEGE CORE REQ. (46 credit hours)

PROFESSIONAL ORIENTATION (3 credit hours)

ASCI 1010 Professional Orient. 2 Fall ____

EDH 1010 Enhancing 1st Yr Suc. 1 Fall ____

JESUIT TRADITION (12 credit hours)

PHIL 1050 Intro Phil: Self & Rlty 3 ____ ____

PHIL 2050 Ethics 3 ____ ____
(PHIL 1050)

PSY 1010 General Psychology 3 ____ ____

THEO 1000 Theological Found. 3 ____ ____

KNOWLEDGE (16 credit hours)

ITM Intro to Info Tech 3 ____ ____
 2000/2010

MATH MATH 1200 or 1400 3 ____ ____
(MATH 1400 or placement)

MATH MATH 1320 or 1510 3/4 ____ ____
(≥C- in MATH 1200 or 1400)

PHYS 1350 Aviation Physics w/lab 4 Fall ____

FSCI 1300 Aviation Weather 3 Fall ____

COMMUNICATION SKILLS (12 credit hours)

CMM 1200 Public Speaking 3 ____ ____

ENGL 1500 The Process of Comp 3 ____ ____
(ENGL 0900 or placement)

ENGL 1900 Adv Str Rhet & Res 3 ____ ____
(or ENGL 1920) (ENGL 1500 or placement)

ENGL 2020* ENGL _____ 3 ____ ____

CULTURAL DIVERSITY (3 credit hours)

_____ 3 ____ ____

AVIATION SCIENCE CORE REQ. (18 credit hours)

ASCI 1850 Safety Mgmt Systems 3 Sp ____

ASCI 3100 Air Carrier Operations 3 Sp ____
(Junior Standing)

ASCI 4050 Human Factors 3 Fall ____
(PSY 1010, Junior Standing)

ASCI 4250 Prof. Ethics & Stds. 3 Fall ____
(PHIL 1050, PHIL 2050)

ASCI 4350 Team Resource Mgmt 3 Sp ____
(Senior Standing)

FSCI 4450 Aviation Law 3 Fall ____
(Senior Standing)

FLIGHT SCIENCE CORE (39 credit hours)

AVIATION COURSEWORK (20 credit hours)

ASCI 2200 Concepts in Aero. 3 Fall ____
(MATH 1200 / co: PHYS 1350)

ASCI 3010 Jet Transport Sys. I 3 Fall ____
(PHYS 1350)

ASCI 3020 Jet Transport Sys. II 3 Sp ____
(PHYS 1350)

ASCI 3060 Turbine Aircraft Trans 2 Sp ____
(FSCI 2550 & 2650)

ASCI 3650 Applied Stat & Res. 3 Fall ____
(+OPM 2070)

ASCI 4010 Jet Flying Tech. I 3 Fall ____
(ASCI 3010, 3020, & 306)

ASCI 4020 Jet Flying Tech. II 3 Sp ____
(ASCI 4010)

PROF. PILOT COURSEWORK (19 credit hours)

FSCI 1150 Flight 1 2 ____ ____

FSCI 1250 Basic Flight Foundations 3 Fall ____

FSCI 1550 Flight 2 2 ____ ____
(FSCI 1150)

FSCI 2150 Flight 3 2 ____ ____
(FSCI 1550)

FSCI 2250 Instrument Flight Foundations 3 Fall ____
(FSCI 125)

FSCI 2550 Flight 4 2 ____ ____
(FSCI 2150)

FSCI 2650 Navigation Foundations 3 Sp ____
(FSCI 2250)

FSCI 3550 Flight 5 2 ____ ____
(FSCI 2550)

APPROVED EMPHASIS AREA# (18 credit hours)

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* Students may select any ENGL 200+ course

Students must complete course work in an approved emphasis area.

Course Sequence Worksheet

Fall Semester Year 1	
ASCI 1010	Professional Orient.
EDH 1010	Enhancing 1 st Yr Suc.
FSCI 1150	Flight 1
FSCI 1250	Basic Flight Foundations
FSCI 1300	Aviation Weather

Spring Semester Year 1	
ASCI 1850	Safety Mgmt Systems
FSCI 1550	Flight 2 (FSCI 1150)

Fall Semester Year 2	
ASCI 2200	Concepts in Aero. (MATH 1200 / co: PHYS 1350)
FSCI 2150	Flight 3 (FSCI 1550)
FSCI 2250	Instrument Flight Foundations (FSCI 1250)
PHYS 1350	Aviation Physics w/lab

Spring Semester Year 2	
FSCI 2550	Flight 4 (FSCI 2150)
FSCI 2650	Navigation Foundations (FSCI 2250)

Fall Semester Year 3	
ASCI 3010	Jet Transport Sys. I (PHYS 1350)
ASCI 3650	Applied Stat & Res.
ASCI 4050	Human Factors (PSY 1010, Junior Standing)
FSCI 3550	Flight 5 (FSCI 2550)

Spring Semester Year 3	
ASCI 3020	Jet Transport Sys. II (PHYS 1350)
ASCI 3060	Turbine Aircraft Trans (FSCI 2550 & 2650)
ASCI 3100	Air Carrier Operations (Junior Standing)

Fall Semester Year 4	
ASCI 4010	Jet Flying Tech. I (ASCI 3010, 3020, & 3060)
ASCI 4250	Prof. Ethics & Stds. (PHIL 1050, PHIL 2050)
FSCI 4450	Aviation Law (Senior Standing)

Spring Semester Year 4	
ASCI 4020	Jet Flying Tech. II (ASCI 4010)
ASCI 4350	Team Resource Mgmt (Senior Standing)

Summer Term	

Summer Term	