

Departmental/Program Major Courses (112 credits)

Required Major Courses (60 credits)

(1)	AT 10000	Introduction to Aviation Technology
(3)	AT 10200	Aviation Business
(3)	AT 10300	Aerospace Vehicle Propulsion and Tracking Systems
(4)	AT 14400	Private Pilot Lectures
(3)	AT 20200	Aerospace Vehicle Systems Design, Analysis and Operations
(3)	AT 20300	Aviation Operations Management
(3)	AT 49800	AT Capstone
(2)	AT 14500(02)	Private Pilot Flight
(1)	AT 21000	Ground Trainer I
(1)	AT 21100	Ground Trainer II
(3)	AT 22300	Human Factors for Flight Crews
(2)	AT 24300(02)	Commercial Flight I
(2)	AT 24800(02)	Commercial Flight II
(3)	AT 24900	Instrument Flight Lectures
(2)	AT 25300(02)	Instrument Flight
(3)	AT 25400	Commercial Flight Lectures
(3)	AT 32501	Advanced Aviation Meteorology
(3)	AT 32700	Advanced Transport Flight Operations
(1)	AT 35300	Multi-engine Flight
(2)	AT 35400	Turbine Flight Operations Lectures
(3)	AT 38800	Large Aircraft Systems
(1)	AT 39500	Turbine Aircraft Simulation Laboratory
(1)	AT 39600	Turbine Aircraft Flight Laboratory
(2)	AT 41600	Airline Indoctrination
(2)	AT 47500	Aviation Law
(3)	AT 48700	Transport Aircraft Simulation Laboratory

Other Departmental /Program Course Requirements (52 credits)

(3)	Humanities Foundational Selective (<i>satisfies Human Cultures Humanities for core</i>)
(3)	Behavioral/Social Science Foundational Selective (<i>satisfies Human Culture Behavioral/Social Science for core</i>)
(3)	TECH 12000 (<i>satisfies Information Literacy Selective for core</i>)
(4)	PHYS 21800 (<i>satisfies Science Selective for core</i>)
(3)	Science Foundational Selective (<i>satisfies Science Selective for core</i>)
(3)	ENGL 10600 or ENGL 10800 (<i>satisfies Written Communication for core</i>)
(3)	COM 11400 (<i>satisfies Oral Communication for core</i>)
(3)	MA 15800 (<i>satisfies Quantitative Reasoning Selective for core</i>)
(3)	MA 22100 (<i>satisfies Quantitative Reasoning Selective for core</i>)
(3)	Economics Selective
(3)	Advanced English Selective
(3)	Technical Communications Selective
(3)	STAT 30100
(12)	Any University-approved minor or departmentally-approved thematic area of study

Electives (8 credits)

(8)	Free Electives	()	()	()	()	()	()
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University Core Requirements

Human Cultures Humanities	€ UCC Selective	Science, Technology & Society Selective	€ TECH 12000
Human Cultures Behavioral/Social Science	€ UCC Selective	Written Communication	€ ENGL 10600 / 10800
Information Literacy	€ TECH 12000	Oral Communication	€ COM 11400
Science Selective	€ PHYS 21800	Quantitative Reasoning	€ MA 15800
Science Selective	€ UCC Selective	Quantitative Reasoning	€ MA 22100

The student is ultimately responsible for knowing and completing all degree requirements.

Degree Works is knowledge source for specific requirements and completion

Purdue policy states that a student may attempt a course no more than three times. An attempt is defined as all courses displayed on a student transcript having grades of (including, but not limited to) A, B, C, D, E, F, W, WF, I and IF.

Professional Flight Technology (201510)

FIRST SEMESTER	Prerequisite	CR	SECOND SEMESTER	Prerequisite	CR
AT 10000 - Introduction to Aviation Technology		1	AT 10300 - Aerospace Vehicle Propulsion		3
AT 10200 - Aviation Business		3	AT 24300(02) - Commercial Flight I	AT 14500(02)	2
AT 14400 – Private Pilot Lectures		4	COM 11400 – Fund. of Speech Comm.		3
AT 14500(02) - Private Pilot Flight	AT 10100 or AT 14400	2	TECH 12000 - Technology and the Individual		3
MA 15800 – Precalculus		3	Calculus Selective		3
English Composition Selective		3			
Total		16		Total	14

THIRD SEMESTER	Prerequisite	CR	FOURTH SEMESTER	Prerequisite	CR
AT 20200 - Aerospace Vehicle Systems	AT 10100	3	Behavioral / Social Science Selective		3
AT 20300 - Aviation Operations Management	AT 10200	3	AT 21100 - Ground Trainer II	AT 21000	1
AT 21000 - Ground Trainer I	AT 24300(02)	1	AT 25300(02) - Instrument Flight	AT 21100, AT 24800(02), AT 25400	2
AT 22300 - Human Factors for Flight Crews	AT 24300(02)	3	AT 25400 - Commercial Flight Lectures	AT 24900	3
AT 24800(02) - Commercial Flight II	AT 24300(02)	2	Thematic Area Selective		3
AT 24900 - Instrument Flight Lectures	AT 10100	3	Humanities Foundational Selective		3
		15		Total	15

FIFTH SEMESTER	Prerequisite	CR	SIXTH SEMESTER	Prerequisite	CR
AT 35300 - Multiengine Flight	AT 25300(02)	1	AT 32700 - Advanced Transport Flight Operations	AT 25300(02)	3
AT 35400 - Turbine Flight Operations Lecture	AT 25400	2	AT 38800 - Large Aircraft Systems	AT 35400	3
Thematic Area Selective		3	AT 39500 - Turbine Aircraft Sim Lab	AT 35300	1
PHYS 21800 – General Physics		4	AT 32501 - Aviation Meteorology	AT 24900	3
Science Foundational Selective		3	STAT 30100 – Elem. Statistical Methods		3
Free Elective		1	AT 47500 – Aviation Law		3
		14		Total	16

SEVENTH SEMESTER	Prerequisite	CR	EIGHTH SEMESTER	Prerequisite	CR
AT 39600 - Turbine Aircraft Flight Laboratory	AT 35400, AT 39500	1	AT 41600 - Airline Indoctrination	AT 48700	2
Thematic Area Selective		3	AT 48700 - Transport Aircraft Sim Lab	AT 32700, AT 38800, AT 39500, AT 41600	2
Economics Selective		3	AT 49800 – AT Capstone	Senior Standing	3
Advanced English Selective		3	Thematic Area Selective		3
Technical Communication Selective		3	Free Elective		4
Free Elective		3	Globalization		0
Total		16		Total	14

120 semester credits required for Bachelor of Science degree.

2.0 Graduation GPA required for Bachelor of Science degree.

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