

AVIATION

Program Code: V.AVI.AS

Associate in Science (A.S.)

Minimum graduation requirement — 61 semester hours

The following curriculum is designed to provide students planning to transfer to a four-year institution to pursue a bachelor's degree with the opportunity to earn certifications necessary to enter the commercial aviation job market. Students will earn the private pilot certification, private pilot with instrument rating, and the commercial pilot certification in a sequential manner during the program. Graduates, upon the completion of a bachelor's degree and FAA flight time requirements, may enter the workforce as commercial cargo or passenger pilots.

Flight training will be offered at the University of Illinois' Willard Airport in Savoy, Illinois.

Students should plan their transfer programs with a Parkland academic advisor or counselor and the catalog of the four-year college or university they plan to attend.

Program Notes

- Students must place into college level reading and writing (ENG 101 placement), and into MAT 072 to register for AVI 101.
- Students who are non-native speakers of English must score a minimum of 85 (with min. 22 listening; min. 26 speaking) on the Internet-based (ibt) Test of English as a Foreign Language to satisfy the minimum English proficiency requirement.
- Students must possess a third class medical examination by an FAA approved physician before registering for classes. For assistance in locating an approved physician, consult <http://www.faa.gov/pilots/amelocator/>
- All non-U.S. citizens must obtain Transportation Security Administration (TSA) authorization through the TSA Alien Flight Student Program prior to registration for AVI 101.
- Students must purchase their own aviation headset.
- Students must provide their own transportation to Willard Airport.
- Students interested in the Parkland Pathway to Illinois (Aviation) must apply directly to the program. For information and application form, consult <http://admissions.illinois.edu/parklandpathway/>
- Tuition and fees covered by Parkland College tuition waivers and/or scholarship awards do not include additional course fees (flight instruction fees) charged for aviation (AVI) courses.
- General Education Core Curriculum requirements for the Associate in Science (A.S.) degree do not fully satisfy the IAI General Education Core Curriculum (GECC) requirements. Additional courses to complete the GECC may be taken after transferring.

Suggested Full-time Sequence

FALL	SPRING	SUMMER
1st Semester	2nd Semester	
AVI 101	AVI 120	AVI 129
ENG 101	ENG 102	
COM 103	ESC 101	
Hum/FA elective	Soc/Beh elective	
Math elective		

FALL	SPRING	SUMMER
3rd Semester	4th semester	
AVI 140	AVI 200	AVI 209
AVI 184	Hum/FA elective	AVI 280
Phy Sci/LS elective	Math elective	
Soc/Beh elective	Phy Sci/LS elective	

Required General Education Core Courses (32–34 hours)

	Cr. Hrs.
Communications (9)	
COM 103 Introduction to Public Speaking	3
ENG 101 Composition I	3
ENG 102 Composition II	3
Humanities /Fine Arts electives	6
<i>Must include one Humanities and one Fine Arts course</i>	
Social/Behavioral Science electives	6
<i>Choose from two disciplines</i>	
<i>One course from Soc/Beh Sci, Hum, or FA must fulfill the non-Western culture requirement</i>	
Mathematics elective	3-5
Physical and Life Sciences	8
<i>Must include one laboratory-based Physical Science and one laboratory-based Life Science Course</i>	

A.S. Degree Requirement (7–9 hours)

One additional mathematics course	3-5
ESC 101 Introduction to Weather	4

Required Program Courses (22 hours)

AVI 101 Private Pilot I	3
AVI 120 Private Pilot II	3
AVI 129 Commercial Instrument I	3
AVI 140 Commercial Instrument II	3
AVI 184 Aircraft Systems for Pilots	3
AVI 200 Commercial Pilot I	3
AVI 209 Commercial Pilot II	3
AVI 280 Multiengine Land	1

<i>Total Semester Credit Hours</i>	<i>61–63</i>
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AVIATION: COMMERCIAL PILOT

Program Code: V.CMP.CER

Certificate

Minimum graduation requirement — 6 semester hours

The Commercial Pilot certificate prepares the certified Private Pilot with Instrument Rating to obtain certification under FAA rules as a commercial pilot. The student will become proficient at operating a complex single-engine aircraft. The Commercial Pilot certificate is a necessary step toward becoming a flight instructor and is the third of several certifications required to earn eligibility as an Airline Transport Pilot (ATP).

The commercial pilot may fly for compensation or hire in a variety of different flying jobs. The pilot can be hired by corporate flying companies for passenger or cargo carrying operations. Other typical commercial pilot jobs include aerial photography, skydiving, sightseeing, aerial advertising, pipeline patrol, and aerial surveying.

The courses in the Commercial Pilot certificate may be applied toward completion of requirements for the Associate in Science (Aviation) degree.

Flight training will be offered at the University of Illinois' Willard Airport in Savoy, Illinois.

Program Notes

- To enroll in this certificate, students must have completed AVI 140 or fulfilled requirements for Private Pilot with Instrument Rating certification.
- Students must possess a third class medical examination by an FAA-approved physician before registering for AVI classes. For assistance in locating an approved physician, consult <http://www.faa.gov/pilots/amelocator/>
- Students who are non-native speakers of English must score a minimum of 85 (with min. 22 listening; min.26 speaking) on the Internet-based (ibt) Test of English as a Foreign Language (TOEFL) to satisfy the minimum English proficiency requirement.
- All non-U.S. citizens must obtain Transportation Security Administration (TSA) authorization through the TSA Alien Flight Student Program prior to registration for AVI courses.
- Students must purchase their own aviation headset.
- Students must provide their own transportation to Willard Airport.
- Tuition and fees covered by Parkland College tuition waiver and/or scholarship awards do not include additional course fees (flight instruction fees) charged for aviation (AVI) courses.

Suggested Full-time Sequence

<i>FALL</i>	<i>SPRING</i>
<i>1st Semester</i>	<i>2nd Semester</i>
AVI 200	AVI 209

Required Program Courses (22 hours)

AVI 200	Commercial Pilot I3
AVI 209	Commercial Pilot II3
<i>Total Semester Credit Hours</i>		<u>6</u>

AVIATION: INSTRUMENT RATING

Program Code: V.INR.CER

Certificate

Minimum graduation requirement — 6 semester hours

The Instrument Rating certificate prepares the already certified private pilot student to be certified under FAA rules as a Private Pilot with Instrument Rating. The student will become proficient at flying a single-engine aircraft without reference to outside visual cues. The Instrument Rating certificate is the second of several certifications required to earn eligibility as an Airline Transport Pilot (ATP) as well as to become a flight instructor.

This certificate allows the pilot to fly in conditions of low visibility and clouds that would otherwise keep a private pilot grounded. Instrument rating certification teaches additional pilot skills and options for completing a flight safely if the weather deteriorates while en route.

The courses in the Instrument Rating certificate may be applied toward completion of requirements for the Associate in Science (Aviation) degree.

Flight training will be offered at the University of Illinois' Willard Airport in Savoy, Illinois.

Program Notes

- To enroll in this certificate, students must have completed AVI 120 or fulfilled requirements for private pilot certification.
- Students must possess a third class medical examination by an FAA-approved physician before registering for AVI classes. For assistance in locating an approved physician, consult <http://www.faa.gov/pilots/amelocator/>
- Students who are non-native speakers of English must score a minimum of 85 (with min. 22 listening; min.26 speaking) on the Internet-based (ibt) Test of English as a Foreign Language (TOEFL) to satisfy the minimum English proficiency requirement.
- All non-U.S. citizens must obtain Transportation Security Administration (TSA) authorization through the TSA Alien Flight Student Program prior to registration for AVI courses.
- Students must purchase their own aviation headset.
- Students must provide their own transportation to Willard Airport.
- Tuition and fees covered by Parkland College tuition waiver and/or scholarship awards do not include additional course fees (flight instruction fees) charged for aviation (AVI) courses.

Suggested Full-time Sequence

<i>FALL</i>	<i>SPRING</i>
<i>1st Semester</i>	<i>2nd Semester</i>
AVI 129	AVI 140

Required Program Courses (22 hours)

AVI 129	Commercial Instrument I	3
AVI 140	Commercial Instrument II	3
<i>Total Semester Credit Hours</i>		<u>6</u>

AVIATION: PRIVATE PILOT

Program Code: V.PRP.CER

Certificate

Minimum graduation requirement — 6 semester hours

The Private Pilot certificate will prepare the student to be certified under FAA rules as a private pilot. The student will become proficient at single-engine aircraft operations, cross-country flying, and can respond appropriately to air traffic control and a wide range of different airport operations. The Private Pilot certificate is the first of several certifications required to earn eligibility as an Airline Transport Pilot (ATP).

A certified private pilot may carry passengers without compensation in a range of general aviation aircraft during the day or night. Private pilots may also fly for business as long as flying is incidental to the business and no passengers or cargo are carried.

The courses in the Private Pilot certificate may be applied toward completion of requirements for the Associate in Science (Aviation) degree.

Flight training will be offered at the University of Illinois' Willard Airport in Savoy, Illinois.

Program Notes

- Students must place into college level reading and writing (ENG 101 placement) and into MAT 107 to register for AVI 101.
- Students must possess a third class medical examination by an FAA-approved physician before registering for AVI classes. For assistance in locating an approved physician, consult <http://www.faa.gov/pilots/amelocator/>
- Students who are non-native speakers of English must score a minimum of 85 (with min. 22 listening; min.26 speaking) on the Internet-based (ibt) Test of English as a Foreign Language (TOEFL) to satisfy the minimum English proficiency requirement.
- All non-U.S. citizens must obtain Transportation Security Administration (TSA) authorization through the TSA Alien Flight Student Program prior to registration for AVI 101.
- Students must purchase their own aviation headset.
- Students must provide their own transportation to Willard Airport.
- Tuition and fees covered by Parkland College tuition waiver and/or scholarship awards do not include additional course fees (flight instruction fees) charged for aviation (AVI) courses.

Suggested Full-time Sequence

<i>FALL</i>	<i>SPRING</i>
1st Semester	2nd Semester
AVI 101	AVI 120

Required Program Courses (22 hours)

AVI 101	Private Pilot I	3
AVI 120	Private Pilot II	3
<i>Total Semester Credit Hours</i>		<u>6</u>

FLIGHT TRAINING

Students interested in flight training only may take aviation classes that lead to Federal Aviation Administration (FAA) private pilot and commercial pilot certifications.

Private Pilot Training

	Cr. Hrs.
AVI 101 Private Pilot I.....	3
AVI 120 Private Pilot II.....	3

Commercial Pilot Training

AVI 101 Private Pilot I.....	3
AVI 120 Private Pilot II.....	3

TUITION AND FEE CHARGES PER SEMESTER HOUR:

Residents of District 505	\$164/credit hour
Out-of-district students	\$370/credit hour
Out-of-state and international students	\$529/credit hour

AVI 101:	3 credit hours
Dual Hours:	24.2 at \$199/hour
Solo Hours:	2.0 at \$199/hour
Stage Check:	1.3 at \$199/hour
Discussion Time:	2.5 at \$0/hour
Ground Training:	30.0 at \$0/hour (covered by tuition)
Administrative Fee:	\$935
<i>Total Flight Fee:</i>	<u>\$6628</u>

AVI 120:	3 credit hours
Dual Hours:	21.0 at \$199/hour
Solo Hours:	12.0 at \$199/hour
Stage Check:	1.4 at \$199/hour
Aviation Training Device:	3.0 at \$100/hour
Discussion Time:	1.0 at \$0/hour
Ground Training:	30.0 at \$0/hour (covered by tuition)
Administrative Fee:	\$1416
<i>Total Flight Fee:</i>	<u>\$8562</u>

AVI 129:	3 credit hours
Dual Hours:	18.5 at \$199/hour
Solo Hours:	8.2 at \$199/hour
Stage Check:	1.5 at \$199/hour
Aviation Training Device:	8.0 at \$100/hour
Discussion Time:	1.3 at \$0/hour
Ground Training:	30.0 at \$0/hour (covered by tuition)
Administrative Fee:	\$976
Total Flight Fee:	<u>\$7388</u>

AVI 140:	3 credit hours
Dual Hours:	22.7 at \$199/hour
Solo Hours:	6.0 at \$199/hour
Stage Check:	1.5 at \$199/hour
Aviation Training Device:	8.0 at \$100/hour
Discussion Time:	0.0 at \$0/hour
Ground Training:	30.0 at \$0/hour (covered by tuition)
Administrative Fee:	\$1008
<i>Total Flight Fee:</i>	<u>\$7818</u>

AVI 129	Commercial Instrument I.....	3
AVI 140	Commercial Instrument II.....	3
AVI 184	Aircraft Systems for Pilots.....	3
AVI 200	Commercial Pilot I.....	3
AVI 209	Commercial Pilot II.....	3
AVI 280	Multiengine Land.....	1

Advanced Courses

AVI 220	Flight Instructor Certification Course.....	4
AVI 222	Instrument Flight Instructor.....	1
AVI 281	Cockpit Resource Management.....	3

AVI 200:	3 credit hours
Dual Hours:	2.5 at \$199/hour
	20.0 at \$248/hour
Solo Hours:	15.0 at \$199/hour
	0.5 at \$248/hour
Stage Check:	1.5 at \$248/hour
Aviation Training Device:	7.0 at \$100/hour
Discussion Time:	0.0 at \$0/hour
Ground Training:	30.0 at \$0/hour (covered by tuition)
Administrative Fee:	\$651
<i>Total Flight Fee:</i>	<u>\$10,290</u>

AVI 209:	3 credit hours
Dual Hours:	2.5 at \$199/hour
	19.0 at \$248/hour
Solo Hours:	15.0 at \$199/hour
	0.7 at \$248/hour
Stage Check:	1.5 at \$248/hour
Aviation Training Device:	6.0 at \$100/hour
Discussion Time:	1.0 at \$0/hour
Ground Training:	30.0 at \$0/hour (covered by tuition)
Administrative Fee:	\$871
<i>Total Flight Fee:</i>	<u>\$10,212</u>

AVI 280:	1 credit hour
Dual Hours:	13.0 at \$467/hour
Solo Hours:	0.5 at \$467/hour
Stage Check:	1.5 at \$467/hour
Aviation Training Device:	5.0 at \$100/hour
Discussion Time:	0.0 at \$0/hour
Ground Training:	10.0 at \$0/hour (covered by tuition)
Administrative Fee:	\$1310
<i>Total Flight Fee:</i>	<u>\$8815</u>