

# ACADEMIC MAP



## 2017-18 BCA - FLIGHT OPERATIONS

TOTAL 120 HRS

\*\*Subsection of General Education or core requirement \*minimum grade required †offered every other year

### Freshman (Fall Semester) 17 hrs total

CAV 100	Intro to Aviation	3 credit hrs	CAV Core	C*
CAV 250	Private Pilot Ground	5 credit hrs	CAV Core	C*
CAV 256	Applied Meteorology	3 credit hrs	CAV Core	C*
ENG 101	English Comp. I**	3 credit hrs	Gen. Ed.	
CAV 251	Private Pilot Flying	3 credit hrs	Gen. Ed.	

### Freshman (Spring Semester) 15 hrs total

CAV 260	Aircraft Engine Op.	3 credit hrs	Major	C*
CAV 350	Instrument Ground	3 credit hrs	Major	C*
COM 101	Fundamentals of Speech	3 credit hrs	Gen. Ed.	
ENG 102	English Comp. II	3 credit hrs	Gen. Ed.	
MAT 104	College Alegbra**	3 credit hrs	Gen. Ed.	

### Sophomore (Fall Semester) 15 hrs total

CAV 353	Commercial Instrument I	3 credit hrs	Major	C*
CAV 354	Commercial Instrument II	3 credit hrs	Major	C*
MAT 105	Plane Trigonometry	3 credit hrs	Spec Deg.	
ECO 211	Principles of Micro.**	3 credit hrs	Gen. Ed.	
ENG 103/104	English Lit. Elective	3 credit hrs	Gen. Ed.	

### Sophomore (Spring Semester) 16 hrs total

CAV 362	Multi-Engine Ground	3 credit hrs	Major	C*
CAV 363	Multi-Engine Flight	1 credit hr	Major	C*
CAV 387	Advanced Aircraft Sys.	3 credit hrs	Major	C*
ECO 210	Principles of Macro	3 credit hrs	Gen. Ed.	
CIS 205	Micro Applications**	3 credit hrs	Gen. Ed.	
CAV 357	Aerodynamics	3 credit hrs	Major	C*

### Junior (Fall Semester) 16 hrs total

CAV 352	Commercial Ground	3 credit hrs	Major	C*
CAV 355	Commercial Instrument III	3 credit hrs	Major	C*
CAV 371	Aviation Law	3 credit hrs	CAV Core	C*
CAV 373	Human Factors	3 credit hrs	CAV Core	C*
PHY 221/231	General Physics I	3 credit hrs	Gen. Ed.	
PHY 233/235	General Physics I Lab	1 credit hr	Gen. Ed.	

### Junior (Spring Semester) 13-16 hrs total

CAV 380	Air Transportation	3 credit hrs	CAV Core	C*
	Lab Science Elective	3 credit hrs	Gen. Ed.	
	Lab Sciences	1 credit hrs	Gen. Ed.	
CAV 374	Federal Aviation Reg.	3 credit hrs	CAV Core	C*
	Writing Proficiency Req.	0-3 credit hrs	Gen. Ed.	
HIS 100/200	History**	3 credit hrs	Gen. Ed.	

### Senior (Fall Semester) 15 hrs total

CAV 372	Aviation Safety	3 credit hrs	CAV Core	C*
CAV 360	Flight Instructor Ground	3 credit hrs	Major	C*
CAV 361	Flight Instructor Flight	3 credit hrs	Major	C*
	Fine Art Elective	3 credit hrs	Gen. Ed.	
CAV 370	Princ. of Transportation	3 credit hrs	CAV Core	C*

### Senior (Spring Semester) 13 hrs total

CAV 381	Air Traffic Admin.	3 credit hrs	CAV Core	C*
CAV 390	Inst. Instructor Grnd. & Fl.	1 credit hr	Major	C*
CAV 420	Air Carrier Equipment	3 credit hrs	Major	C*
	Humanities/Fine Arts	3 credit hrs	Gen. Ed.	
MGT 200	Statistics	3 credit hrs	Spec Deg	