

# ACADEMIC MAP

## 2016-17 BCA - FLIGHT OPERATIONS

TOTAL 124 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*
CAV 357	Aerodynamics	3 credit hrs	Major	C*
MAT 105	Plane Trigonometry	3 credit hrs	Spec. Deg.	
ECO 211	Principles of Micro.**	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.	
ENG 103/104	English Lit. Elective	3 credit hrs	Gen. Ed.	

### 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) 16 hrs total

CAV 370	Princ. of Transportation	3 credit hrs	Major	C*
CAV 380	Air Transportation	3 credit hrs	CAV Core	C*
PHY 222/232	General Physics II**	3 credit hrs	Gen. Ed.	
PHY 234/236	General Physics II Lab**	1 credit hr	Gen. Ed.	
PSY 101	Psychology	3 credit hrs	Gen. Ed.	
ENG 300/301	Exposition	0-3 credit hrs	Spec. Deg.	

### 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*
CAV 374	Federal Aviation Reg.	3 credit hrs	CAV Core	C*
	Fine Art Elective	3 credit hrs	Gen. Ed.	

### Senior (Spring Semester) 16 hrs total

CAV 381	Air Traffic Admin.	3 credit hrs	CAV Core	C*
CAV 390	Inst. Instructor Grnd. & Fl.	1 credit hrs	Major	C*
CAV 420	Air Carrier Equipment	3 credit hrs	Major	C*
	Humanities/Fine Arts	3 credit hrs	Gen. Ed.	
MGT 200	General Elective	3 credit hrs	Spec. Deg.	
HIS 100/200	History**	3 credit hrs	Gen. Ed.	