

2025-26 ACADEMIC MAP

BCA - Flight Operations

TOTAL HRS: 121



Academic map is a guide to help students stay on track to degree completion. Consult undergraduate catalog and academic advisor for other requirements.

* minimum grade required

FALL SEMESTER							SPRING SEMESTER					
	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR	PREFIX	COURSE	CREDIT	AREA	GR*	SEM/GR
YEAR 1-Freshman	CAV 100	Introduction to Aviation	3	CAV Core	C		CAV 251	Private Pilot Flying	3	Major	C	
	CAV 250	Private Pilot Ground	5	CAV Core	C		ENG 102	Composition II	3	Gen Ed		
	ENG 101	Composition I	3	Gen Ed			MAT 105	Plane Trigonometry	3	Spec Dgr		
	MAT 104	College Algebra	3	Gen Ed			HIS 100/200 Level	History	3	Gen Ed		
	FYS 100/300 ¹	First Year Seminar	1	Univ Req			COM 101/102	Communication Studies	3	Gen Ed		
			15						15			
YEAR 2-Sophomore	CAV 256	Applied Meteorology	3	CAV Core	C		CAV 357	Aerodynamics	3	Major	C	
	CAV 260	Aircraft Engine Operations	3	Major	C		CAV 374	Federal Aviation Regs	3	CAV Core	C	
	CAV 350	Instrument Ground	3	Major	C		CAV 353	Commercial Instrument I	3	Major	C	
	ECO 210	Principles Macro Economics	3	Gen Ed			ECO 211	Micro Economics	3	Gen Ed		
	PHY 211	Physics for Aviation	3	Gen Ed			CIS 205	Computer Apps	3	Gen Ed		
	PHY 212	Physics for Aviation Lab	1	Gen Ed					15			
			16									
YEAR 3-Junior	CAV 352	Commercial Pilot Ground	3	Major	C		CAV 381	Air Traffic Administration	3	CAV Core	C	
	CAV 354	Commercial Instrument II	3	Major	C		ENG 203/206	Literature	3	Gen Ed		
	CAV 371	Aviation Law	3	CAV Core	C		CAV 355	Commercial Instrument III	3	Major	C	
	CAV 372	Aviation Safety	3	CAV Core	C			Fine Arts	3	Gen Ed		
	MGT 200	Statistics	3	Spec Dgr	C			Lab Science Elective	3	Gen Ed		
			15					Lab Science Elective Lab	1	Gen Ed		
								16				
YEAR 4-Senior	CAV 360	Flight Instructor Ground	3	Major	C		CAV 380	Air Transportation	3	CAV Core	C	
	CAV 373	Human Factors	3	CAV Core	C		CAV 390	Inst Flight Instructor Gr/FI	1	Major	C	
	CAV 363	Multi Engine	1	Major	C		CAV 420 ⁴	Air Carrier Equipment	3	Major	C	
	CAV 362	Multi Engine Ground	3	Major	C		CAV 361	Certified Flight Instructor	3	Major	C	
	CAV 370 ³	Principles of Transportation	3	CAV Core	C		CAV 387	Adv Aircraft Systems	3	Major	C	
			13					Humanities Fine Arts ²	3	Gen Ed		
								16				

- ¹All incoming students required to enroll in FYS 100 (freshmen) or FYS 300 (transfers).

- ²**Humanities & Fine Arts:** Take PHI 201 or any ENG lit, HIS, or Fine Art course not already taken.

- ³CAV 370 and CAV 380 are writing enhanced courses.

- ⁴CAV 360 and CAV 420 fulfill the capstone experience requirement.