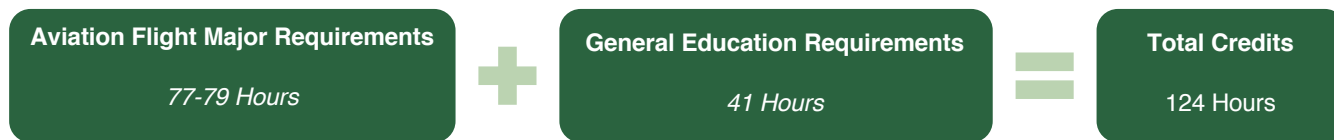


E | AVIATION

Aviation Flight Technology Program of Study



Aviation Core Requirements	48 Credits
AVT 100 - Intro to Air Transportation	3 Credits
AVMT 110 - Aircraft Maintenance I	3 Credits
AVMT 120 - Flight Operations I	3 Credits
AVT 208 - Aviation Human Factors	3 Credits
AVFT 215 - Aviation Weather	3 Credits
AVMT 220 - Flight Operations II	3 Credits
AVFT 222 - Intro to Automation in Aviation	3 Credits
AVFT 263 - Aircraft Systems	3 Credits
AVT 303 - Aviation Law and Insurance	3 Credits
AVT 313 - Aviation Industry Regulations	3 Credits
AVT 320 - Aviation Safety	3 Credits
AVFT 321 - Cockpit Resource Management	3 Credits
AVT 322 - Systems Safety	3 Credits
AVFT 419 - High Altitude Flight	3 Credits
AVT 422 - Senior Seminar	3 Credits
COT 300W - Research and Writing: The Technology Career Perspective (GEWI)	3 Credits
Required Aviation Ground Courses	8 Credits
AVFO 170 - Aviation Ground Instruction (To be taken concurrently with AVFO 175a)	3 Credits
AVFO 240 - Instrument Ground Instruction (To be taken concurrently with AVFO 245)	3 Credits
AVFO 360 - Commercial Ground Instruction (To be taken concurrently with AVFO 361)	2 Credits
Required Aviation Flight Courses	18 Credits
AVFO 175a - Private Pilot Certification (Flight)	3 Credits
AVFO 175b - Private Pilot Certification (Flight)	3 Credits
AVFO 245 - Instrument Pilot Certification (Flight)	4 Credits
AVFO 361 - Commercial/Complex Flight Instruction (Flight)	3 Credits
AVFO 371a - Commercial Certification (Flight)	3 Credits
AVFO 371b - Commercial Certification (Flight)	2 Credits
Required Restricted Flight Elective Courses	Possible 8 Credits
<i>(Students must choose: AVFO 426 -OR- both AVFO 382, AVFO 427. Students may choose three courses)</i>	
AVFO 426 - Multi Engine Flight Instruction (Flight)*	3 Credits
AVFO 382 - Flight Instructor Ground (To be taken concurrently with AVFO 427)*	3 Credits
AVFO 427 - Flight Instructor: Airplane (Flight)*	2 Credits
Additional Aviation Flight Elective Courses	Possible 14 Credits
AVMT 387L4 - Cooperative Education in Aviation Technology	3 Credits
AVMT 363 - Aircraft Dispatch I	3 Credits
AVMT 463 - Aircraft Dispatch II	3 Credits
AVFO 428 - Flight Instructor - Instrument (Flight) (Optional)	2 Credits
AVFO 429 - Flight Instructor - Multi Engine (Flight) (Optional)	2 Credits
AVFO 250 - Aircraft Transition	1 Credit



General Education Requirements

Area I: Effective Communication	6 Credits
ENGL 121 - Writing	3 Credits
CTAC 124 - Fundamentals of Speech	3 Credits
Area II: Quantitative Reasoning (QR)	3 Credits
MATH 110 - Mathematical Reasoning	3 Credits
Area III: Perspective on a Diverse World	6 Credits
One course in Global Awareness	3 Credits
One course in U.S. Diversity	3 Credits
Area IV: Knowledge of the Disciplines	26 Credits
Two courses in Arts (Different Prefixes)	6 Credits
Two courses in Humanities (Different Prefixes)	6 Credits
Two courses in Natural Sciences (Different Prefixes)	6 Credits
Two courses in Social Science (Different Prefixes)	6 Credits
Area V: Learning Beyond the Classroom (LBC) - Satisfy two of the following	
Self and Well-Being	
Community Service, Citizenship, and Leadership	
Cultural, Academic Activities and Events	
Career and Professional Development	
International and Multicultural Experience	
Undergraduate Research	

Some possible opportunities to fulfill LBC credits at NO Tuition cost:

- Alpha Eta Rho, Sigma Chi Events
- Officer in a Student Organization
- Groups on Campus
- Ambassadors on Campus
- Yankee Air Force Museum Volunteer
- Air Force & Naval ROTC
- Aviation Co-Op

Get Help - Contact List

College of Technology	122 Sill Hall		734.487.1161
Dr. Jerry Delaney	<i>Aviation Program Coordinator</i>	jdelane4@emich.edu	734.487.4691
Joleen Hargis	<i>Academic Adviser</i>	jhargis2@emich.edu	734.487.8659
Bia Hamed	<i>Academic Adviser</i>	bia.hamed@emich.edu	734.487.8659
Eastern Michigan University			734.487.1849
General Advising	200 McKenny Hall		734.487.2171
Registration	303 Pierce Hall	records_and_registration@emich.edu	734.487.2300
Second Bachelor's Degree			734.487.0400



Suggested Four Year Plan – Pre-Private

Year 1 – Semester 1	15 Credits
AVT 100 - Intro to Air Transportation	3 Credits
AVMT 110 - Aircraft Maintenance I	3 Credits
AVFO 170 - Aviation Ground Instruction (To be taken concurrently with AVFO 175a)	3 Credits
AVFO 175a - Private Pilot Certification (Flight)	3 Credits
WRTG 121 - Writing (Area I)	3 Credits
Year 1 – Semester 2	15 Credits
AVMT 120 - Flight Operations I	3 Credits
CTAC 124 - Fundamentals of Speech (Area I)	3 Credits
MATH 110 - Mathematical Reasoning (Area II)	3 Credits
AVFO 175b - Private Pilot Certification (Flight)	3 Credits
General Education Requirement (Area III - U.S. Diversity)	3 Credits
Year 2 – Semester 1	16 Credits
AVT 208 - Aviation Human Factors	3 Credits
AVFT 215 - Aviation Weather	3 Credits
AVMT 220 - Flight Operations II	3 Credits
AVFO 240 - Instrument Ground Instruction (To be taken concurrently with AVFO 245)	3 Credits
AVFO 245 - Instrument Pilot Certification	4 Credits
Year 2 – Semester 2	17 Credits
AVFT 222 - Intro to Automation in Aviation	3 Credits
AVFT 263 - Aircraft Systems	3 Credits
AVT 313 - Aviation Industry Regulations	3 Credits
AVFO 360 - Commercial Ground Instruction (To be taken concurrently with AVFO 361)	2 Credits
AVFO 361 - Commercial/Complex Flight Instruction (Flight)	3 Credits
General Education Requirement (Area III - Global Awareness)	3 Credits
Year 3 – Semester 1	15 Credits
AVT 303 - Aviation Law and Insurance	3 Credits
AVT 320 - Aviation Safety	3 Credits
AVFO 371a - Commercial Certification (Flight)	3 Credits
General Education Requirement (Area IV - Arts 1)	3 Credits
General Education Requirement (Area IV - Arts 2)	3 Credits
Year 3 – Semester 2	15 Credits
AVFT 321 - Cockpit Resource Management	3 Credits
AVFO 371b - Commercial Certification (Flight)	2 Credits
COT 300W - Research and Writing: The Technology Career Perspective (GEWI)	3 Credits
General Education Requirement (Area IV - Humanities 1)	3 Credits
PSCI 110 - The Science of Everyday Life + Lab (Area IV - Natural Science 1)	4 Credits
Year 4 – Semester 1	Possible 18 Credits
*(Students must choose: AVFO 426 -OR- both AVFO 382, AVFO 427. Students may choose three courses)	
AVFO 426 - Multi Engine Flight Instruction (Flight)*	3 Credits
AVFO 382 - Flight Instructor Ground (To be taken concurrently with AVFO 427)*	3 Credits
AVFO 427 - Flight Instructor: Airplane (Flight)*	2 Credits
General Education Requirement (Area IV - Natural Science 2)	4 Credits
General Education Requirement (Area IV - Humanities 2)	3 Credits
General Education Requirement (Area IV - Social Science 1)	3 Credits
Year 4 – Semester 2	16 Credits
AVT 322 - Systems Safety	3 Credits
AVFT 419 - High Altitude Flight	3 Credits
AVT 422 - Senior Seminar	3 Credits
AVFO 428 - Flight Instructor - Instrument (Flight) (Optional)	2 Credits
AVFO 429 - Flight Instructor - Multi Engine (Flight) (Optional)	2 Credits
General Education Requirement (Area IV - Social Science 2)	3 Credits