AABInternational

	Eastern Michigan University
	GameAbove College of Engineering and Technology, School of Technology and Professional Services Management
	Bachelor of Science in Aviation Flight Technology Bachelor of Science in Aviation Management Technology
May 25, 2023	Student Achievement Data

For each AABI-accredited program, AABI Policy 3.4.2 requires institutions to accurately publish on the program's public website, a report of student achievement data including the following information, updated annually:

- The objectives of each AABI-candidate program
- Program assessment measures employed
- Graduation rates
- Rates and types of employment of graduates

Eastern Michigan University's School of Technology and Professional Services Management has two AABI-candidate programs:

- Bachelor of Science in Aviation Flight Technology
- Bachelor of Science in Aviation Management Technology

This document presents mission statements, program objectives, assessment methods employed, graduation rates, and rates and types of employment for each candidate degree program.

Mission Statements

Eastern Michigan University Mission Statement
EMU enriches lives in a supportive, intellectually dynamic and diverse community. Our dedicated faculty balance teaching and research to prepare students with relevant skills and real-world awareness. We are an institution of opportunity where students learn in and beyond the classroom to benefit the local and global communities.

School Mission Statement
The mission of the School of Technology and Professional Services Management complements and strongly supports the mission of Eastern Michigan University. Specifically, the School's

mission statement is as follows:

- *The Mission of TPSM is to offer theoretical and applied programs that focus on technology, management, and professional studies. Curriculum is grounded in scholarly research, is professionally driven, globally centered, and reinforced with real-world experiences.*

The EMU School of Technology and Professional Services Management has two distinct aviation undergraduate programs. They are Aviation Flight Technology and Aviation Management Technology.

Program Educational Goals (PEGs)

Bachelor of Science in Aviation Flight Technology
Consistent with the mission of the school, the mission of the Professional Flight Technology program is as follows:

- *Our Bachelor of Science in Aviation Flight Technology prepares graduates for a career as a professional pilot. The curriculum includes specialized courses in aircraft systems, automation, human factors, weather, industry regulations and crew resource management.*

The Aviation Flight Technology faculty and the Industry Advisory Board have identified six program-level competencies that map across the previously used program educational goals. The competency-based assessment provides the additional advantage of both rigorous as well as progressive assessment of student's attainment of requisite knowledge, abilities, and skills throughout their educational experience:

- Strive for human potential through the use of a collegiate education.
- Empower individuals with essential skills to cultivate and nurture a safety-centric culture within the aviation industry.
- Inculcate graduates with exceptional aviation technical skills
- Facilitate the establishment of a strong groundwork for the ongoing utilization of aviation technology.
- Upon completing the Aviation Flight Technology program, students will obtain their Commercial Pilot license, in addition to either their multi-engine add-on or Certified Flight Instructor ratings, ensuring a comprehensive skill set upon graduation.

Instruments of direct measures and the corresponding assessment rubrics are being developed, implemented, and improved upon.

Bachelor of Science in Aviation Management Technology
Consistent with the mission of the School, the mission of the Aviation Management Technology program is as follows:

- *Our Bachelor of Science in Aviation Management Technology prepares graduates for business and supervisory positions in the aviation industry. The curriculum includes courses designed to provide aviation managers with a strong foundation in areas of passenger safety, airline operations, airport planning, logistics, industry trends, finance, and sound business practices.*

The Aviation Management Technology faculty and the Industry Advisory Board have identified six program-level competencies that map across the previously used program educational goals. The competency-based assessment provides the additional advantage of both rigorous as well as progressive assessment of student's attainment of requisite knowledge, abilities, and skills throughout their educational experience:

- Enhance students' business and management skills.

- Engage with the aviation industry in a professionally appropriate way.

- Develop students' communication skills, including written and oral communication skills.

- Offer students a thorough understanding of the aviation industry's structure, trends, challenges, and prospects to better prepare themselves for the future of aviation.

Instruments of direct measures and the corresponding assessment rubrics are being developed, implemented, and improved upon.

Program Assessment Measures Employed

The following has been established as an assessment timeline to ensure continuous improvement of the Aviation Programs.:

Criterion	Assessment Process	Cycle
1) Programs Educational Goals		
	Senior Students Exit Survey	Every year
	Advisory Board Survey	Every 3 years
	Alumni Survey	Every 3 years
2) Aviation Core Outcomes		
	Senior Students Exit Survey	Every year
	Advisory Board Survey	Every 3 years
	Alumni Survey	Every 3 years
3) PLO's: Aviation Flight		
	Senior Students Exit Survey	Every year
	Advisory Board Survey	Every 3 years
	Alumni Survey	Every 3 years
4) PLO's: Aviation Management		
	Senior Students Exit Survey	Every year
	Advisory Board Survey	Every 3 years
	Alumni Survey	Every 3 years
5) Course-level Students' Learning Outcomes		
	Template (as above)	Each Semester
6) Aviation Faculty Goals		
	Assessment Report	Every Year (Fall)
7) Safety Assessment		
	Assessment Report	Monthly at each location

List the Program Criteria Outcomes (derived from the Program Educational Goals in Section 3.2)	AVT 320	AVFT222	AVFO170 AVFO 240 AVFO 360	AVFT321	AVT 422
Strive for human potential through the use of a collegiate education: Offer students a comprehensive educational journey that enriches their communication, teamwork, and leadership abilities, while cultivating an appreciation for diverse cultures.	X	X	X	X	X
Empower individuals with essential skills to cultivate and nurture a safety-centric culture within the aviation industry.: Illuminate the paramount importance of our role in cultivating a safety-focused culture throughout the aviation industry.	X	X	X	X	X
Inculcate graduates with exceptional aviation technical skills: Prepare aspiring aviation professionals to possess the utmost knowledge and technical proficiency before joining the aviation community.		X	X	X	
Facilitate the establishment of a strong groundwork for the ongoing utilization of aviation technology.: With the constant evolution of technology requirements in the aviation industry, we lay a knowledge foundation that encompasses present technology usage and future applications.		X	X		X
Upon completing the Aviation Flight Technology program, students will obtain their Commercial Pilot license, in addition to either their multi-engine add-on or Certified Flight Instructor ratings, ensuring a comprehensive skill set upon graduation.: Students will graduate ready to join the aviation industry workforce upon graduation as either a flight instructor or a commercial pilot.			X		X

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AVIATION

EASTERN MICHIGAN UNIVERSITY
AVIATION MANAGEMENT TECHNOLOGY
PROGRAM
AABI PROGRAM OUTCOMES MAP

List the Program Criteria Outcomes (derived from the Program Educational Goals in Section 3.2)	AVMT 340	AVMT 387L4	AVT 313	AVT 320	AVT 422
Enhance students' business and management skills.	X			X	X
Engage with the aviation industry in a professionally appropriate way		X			
Develop students' communication skills, including written and oral communication skills.			X	X	X
Offer students a thorough understanding of the aviation industry's structure, trends, challenges, and prospects to better prepare themselves for the future of aviation			X	X	

Graduation Rates

Total Graduates per Year

Majors	2017-2018	2018-2019	2019-2020	2020-2021	2021-2022
Aviation Flight Technology	13	8	12	14	08
Aviation Management Technology	13	15	17	15	20
TOTAL	**26**	**23**	**29**	**29**	**28**

2nd Year Retention-Must have started and stayed in the School of Technology and Professional Services Management

Majors	Fall 2015	Fall 2016	Fall 2017
Aviation Flight Technology	76.92%	81.82%	100%
Aviation Management Technology	100%	50%	-

4-Year Graduation Rates-Must have started and graduated in the School of Technology and Professional Services Management

Majors	Fall 2015	Fall 2016	Fall 2017
Aviation Flight Technology	46.15%	27.27%	50%
Aviation Management Technology	0%	25%	-

6-Year Graduation Rates-Must have started and graduated in the School of Technology and Professional Services Management

Majors	Fall 2015	Fall 2016	Fall 2017
Aviation Flight Technology	53.85%	50%	50%
Aviation Management Technology	100%	25%	-

Employment/Graduation Plans

Sample Places of Employment

Kalitta Air

U.S. Navy

Solo Aviation

Spirit Airlines

SkyWest Airlines

Plans After Graduation – 5-Year Trend

Year	Employed	Continuing Education	Seeking Employment	Other
2019	100%	50%	--	--
2020	100%	100%	--	--
2021	100%	66.67%	--	--
2022	100%	50%	--	--
2023	100%	100%	--	--