

Standing Requirements

## **Program Mission Statement**

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The Master of Aviation Maintenance degree addresses ERAU core ideals for the university's academic programs, "we will continue to capitalize on our core competencies in aeronautical science and aerospace engineering, assuring they are always on the cutting edge of technology and innovation. We will also strengthen our other degree offerings and explore, with faculty approval, new clusters of programs that are related to our mission, which can include but not be limited to the following: engineering, aerospace sciences, transportation, airport operations and management, medicine, simulation and training, etc." This program will use courses from existing College of Aeronautics programs and create new courses ensuring students have complete understanding of the program outcomes. The core topics will feature examination and application of cutting edge technology and concepts, while encouraging diverse thinking and innovation.

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# Form: "ERAU Alignment to University Mission"

Created with : Taskstream

Participating Area: WW\_Master of Aviation Maintenance

## ERAU University Mission Statement

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Embry-Riddle Aeronautical University is the world leader in aviation and aerospace higher education. Our mission is to teach the science, practice and business of aviation and aerospace, preparing students for productive careers and leadership roles in business, government agencies and the military. Embry-Riddle's reputation as a leader in aviation and aerospace higher education is grounded in its aviation roots dating back to 1926.

### (REQUIRED) Program Alignment to University Mission

## Program Alignment to University Mission

Select all that apply.

Our mission is to:

- 1. Teach the science, practice and business of aviation and aerospace
- 2. Prepare students for productive careers
- 3. Prepare students for leadership roles in business, government agencies, or military

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## Program Outcomes

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### WW\_MS Aviation Maintenance Outcome Set

#### Outcome

Outcome	Mapping
1. Integrate aviation maintenance within a global business environment.	No Mapping
2. Develop strategies for managing the resources of global aviation maintenance.	No Mapping
3. Analyze data to make decisions for gaining efficiencies within the global aviation maintenance organization.	No Mapping
4. Integrate a safety culture into a global aviation maintenance environment.	No Mapping

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**WW\_MS Aviation Maintenance**

Courses and Activities Mapped to WW\_MS Aviation Maintenance Outcome Set

	Outcome			
	1. Integrate aviation maintenance within a global business environment.	2. Develop strategies for managing the resources of global aviation maintenance.	3. Analyze data to make decisions for gaining efficiencies within the global aviation maintenance organization.	4. Integrate a safety culture into a global aviation maintenance environment.
<b>Courses and Learning Activities</b>				
MAVM 601 Leadership in Global Aviation Maintenance Organizations		M		M
MAVM 605 Global Maintenance Resource Management				M
MAVM 615 Strategic Management of Global MRO Operations	M	M		
MAVM 620 Project Management for Aviation Maintenance		M		
MAVM 691 Aviation Maintenance Graduate Capstone	M	M	M	M

**Legend :**      I    Introduced      P    Practiced      M    Mastered

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**WW\_Aviation Maintenance Assessment Schedule**

Courses and Activities Mapped to WW\_MS Aviation Maintenance Outcome Set

	Outcome			
	1. Integrate aviation maintenance within a global business environment.	2. Develop strategies for managing the resources of global aviation maintenance.	3. Analyze data to make decisions for gaining efficiencies within the global aviation maintenance organization.	4. Integrate a safety culture into a global aviation maintenance environment.
<b>Courses and Learning Activities</b>				
2017-2018 Academic Assessment	✓	✓		✓
2018-2019 Academic Assessment	✓	✓	✓	✓
2019-2020 Academic Assessment	✓	✓		
2020-2021 Academic Assessment			✓	✓
2021-2022 Academic Assessment	✓	✓		

**Legend :**    ✓ = Aligned

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