

2017-2018 Assessment Cycle

## Assessment Plan

### Measures

#### WW\_MS Aviation Maintenance Outcome Set

Outcome

#### Outcome: 1. Integrate aviation maintenance within a global business environment.

▼ **Measure:** End of Course Feedback  
*Other level; Indirect - Other*

**Details/Description:** The End-Of-Course Student Survey on MAVM 615 was updated for 2017-2018 to include additional Program Outcome specific question. A random sampling for feedback to the question "How well does the course prepare students to integrate aviation maintenance within a global environment" will be used to collect indirect assessment data of the Program Outcome.

**Criterion for Success:** Likert scoring will be used to determine student perceptions. 75% of students responding to the survey will agree.

**Timeframe of Data Collection:** 2017-2018 Assessment Cycle

**Key/Responsible Personnel:** Program Chairs

▼ **Measure:** MAVM 615 Research Project  
*Program level; Direct - Student Artifact*

**Details/Description:** MAVM 615 requires the students to develop and


deliver research project. The students' submissions at activities 8.3 will be used to assess this PO. Student submissions are scored using an interactive rubric.

**Criterion for Success:** 80% of students will have an average score of 70% or better (passing score) for each research paper.

**Timeframe of Data Collection:** 2017-2018 Assessment Cycle

**Key/Responsible Personnel:** Instructors and Program Chairs

**Supporting Attachments:**

 MAVM 615 Outcome Assessment (Excel Workbook (Open XML))

All available scores used; minimum criterion for success exceeded.

## **Outcome: 2. Develop strategies for managing the resources of global aviation maintenance.**

▼ **Measure:** End of Course Feedback  
*Other level; Indirect - Other*

**Details/Description:** The End-Of-Course Student Survey on MAVM 601, MAVM 615, MAVM 620 was updated for 2017-2018 to include additional Program Outcome specific question. A random sampling for feedback to the question "How well does the course prepare students to develop strategies for managing the resources of global aviation maintenance" will be used to collect indirect assessment data of the Program Outcome.

**Criterion for Success:** Likert scoring will be used to determine student perceptions. 75% of students responding to the survey will agree.

Timeframe of Data Collection: 2017-2018 Assessment Cycle  
Key/Responsible Personnel: Program Chairs

▼ **Measure:** MAVM 601 Research Project  
*Program level; Direct - Student Artifact*

Details/Description: MAVM 601 requires the students to develop and deliver research project. The students' submissions at activities 8.4 will be used to assess this PO. Student submissions are scored using an interactive rubric.

Criterion for Success: 80% of students will have an average score of 70% or better (passing score) for each research paper.

Timeframe of Data Collection: 2017-2018 Assignment Cycle  
Key/Responsible Personnel: Instructors and Program Chairs


▼ **Measure:** MAVM 615 Research Project  
*Program level; Direct - Student Artifact*

Details/Description: MAVM 615 requires the students to develop and deliver research project. The students' submissions at activities 8.3 will be used to assess this PO. Student submissions are scored using an interactive rubric.

Criterion for Success: 80% of students will have an average score of 70% or better (passing score) for each research paper.

Timeframe of Data Collection: 2017-2018 Assignment Cycle  
Key/Responsible Personnel: Instructors and Program Chairs

Supporting Attachments:

 MAVM 615 Outcome Assessment (Excel Workbook (Open XML))

All available scores used; minimum criterion for success exceeded.

▼ **Measure:** MAVM 620 Project Management Plan

**Details/Description:** MAVM 620 requires the students to develop and deliver Project Management Plan. The students' submissions at activities 8.3 will be used to assess this PO. Student submissions are scored using an interactive rubric.

**Criterion for Success:** 80% of students will have an average score of 70% or better (passing score) for each research paper.

**Timeframe of Data Collection:** 2017-2018 Assignment Cycle

**Key/Responsible Personnel:** Instructors and Program Chairs

**Supporting Attachments:**

 MAVM 620 Outcome Assessment (Excel Workbook (Open XML))

All available scores used; minimum criterion for success exceeded.

**Outcome: 4. Integrate a safety culture into a global aviation maintenance environment.**

▼ **Measure:** End of Course Feedback  
*Other level; Indirect - Other*

**Details/Description:** The End-Of-Course Student Survey on MAVM 601 and MAVM 605 was updated for 2017-2018 to include additional Program Outcome specific

question. A random sampling for feedback to the question “How well does the course prepare students to integrate a safety culture into a global aviation maintenance environment” will be used to collect indirect assessment data of the Program Outcome.

Criterion for Success:

Likert scoring will be used to determine student perceptions. 75% of students responding to the survey will agree.

Timeframe of Data

2017-2018 Assessment Cycle

Collection:

Key/Responsible

Program Chairs

Personnel:

▼ **Measure:** MAVM 601 Research Project  
*Program level; Direct - Student Artifact*

Details/Description:

MAVM 601 requires the students to develop and deliver research project. The students’ submissions at activities 8.4 will be used to assess this PO. Student submissions are scored using an interactive rubric.

Criterion for Success:

80% of students will have an average score of 70% or better (passing score) for each research paper.

Timeframe of Data

2017-2018 Assignment Cycle

Collection:

Key/Responsible

Instructors and Program Chairs

Personnel:

▼ **Measure:** MAVM 605 Research Analysis  
*Direct - Student Artifact*

Details/Description:


MAVM 605 requires the students to develop and deliver research Analysis project. The students’ submissions at activities 3.2, 6.2, & 9.2 will be used to assess this PO. Student submissions are scored using an interactive rubric.

Criterion for Success: 80% of students will have an average score of 70% or better (passing score) for each research paper.

Timeframe of Data Collection: 2017-2018 Assignment Cycle

Key/Responsible Personnel: Instructors and Program Chairs

Supporting Attachments:

 MAVM 605 Outcome Assessment (Excel Workbook (Open XML))

All available scores used; minimum criterion for success exceeded.

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