Program Outcomes Assessment

BS in Aviation Management

Created on: 06/18/2009 10:08:00 AM CST
Last Modified: 10/15/2015 12:01:36 PM CST
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<td>Assessment Findings</td>
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General Information (Program Outcomes Assessment)
Standing Requirements

Mission Statement

The Aviation Management curriculum prepares students for professional administrative positions in the aviation industry. The Bachelor of Science degree in Aviation Management will provide a broad understanding of the functions and responsibilities of a manager or supervisor in a variety of related aviation positions. Career tracks range from such occupations as Airport Manager to Director of Operations for a major airline. Flight training is not required, however, to gain a better understanding of the aerospace industry, student's are encouraged to obtain at least a Private Pilot Certificate with instant flight endorsement.

Outcomes Library

BS in Aviation Management

OBJ 1: Techniques, Skills, & Modern Technology
An ability to use the techniques, skills, & modern technology necessary for professional practice.

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outcome 1.1: Knowledge of Air Traffic Operations</td>
<td>No Mapping</td>
</tr>
<tr>
<td>Demonstrates knowledge of air traffic operations</td>
<td></td>
</tr>
<tr>
<td>Outcome 1.2: Knowledge of Airport Operations</td>
<td>No Mapping</td>
</tr>
<tr>
<td>Demonstrates knowledge of airport operations</td>
<td></td>
</tr>
<tr>
<td>Outcome 1.3: Knowledge of Federal Aviation Regulations</td>
<td>No Mapping</td>
</tr>
<tr>
<td>Demonstrates knowledge of Federal Aviation Regulations</td>
<td></td>
</tr>
</tbody>
</table>

OBJ 2: Communicate Effectively
An ability to communicate effectively, including both written and oral communication skills.

<table>
<thead>
<tr>
<th>Outcome</th>
<th>Mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outcome 2.1: Good Verbal Communications</td>
<td>Foundational Studies: 10. Express themselves effectively, professionally, and persuasively both orally and in writing.</td>
</tr>
<tr>
<td>Exhibits good verbal communications</td>
<td></td>
</tr>
<tr>
<td>Outcome 2.2: Good Written Communication Skills</td>
<td>Foundational Studies: 10. Express themselves effectively, professionally, and persuasively both orally and in writing.</td>
</tr>
<tr>
<td>Possesses good written communication skills</td>
<td></td>
</tr>
<tr>
<td>Outcome 2.3: Understand Need for Formality and Respect</td>
<td>Foundational Studies: 10. Express themselves effectively, professionally, and persuasively both orally and in writing.</td>
</tr>
<tr>
<td>Understands the need for formality and respect in communication</td>
<td></td>
</tr>
</tbody>
</table>

OBJ 3: Professional and Ethical Behaviors
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.
<table>
<thead>
<tr>
<th>Outcome</th>
<th>Mapping</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outcome 3.1: Works Well in Diverse Settings</td>
<td>No Mapping</td>
</tr>
<tr>
<td>Works well in a diverse team setting</td>
<td></td>
</tr>
<tr>
<td>Outcome 3.2: Ethical Responsibility</td>
<td>No Mapping</td>
</tr>
<tr>
<td>Understands and exhibits ethical responsibility</td>
<td></td>
</tr>
<tr>
<td>Outcome 3.3: Demonstrates Responsibility and Professionalism</td>
<td>No Mapping</td>
</tr>
<tr>
<td>Demonstrates Responsibility and Professionalism</td>
<td></td>
</tr>
</tbody>
</table>

**Curriculum Map**

**Active Curriculum Maps 📋**

- BS in Aviation Management (See appendix)
  - Alignment Set: BS in Aviation Management
  - Created: 12/14/2011 11:54:55 am CST
  - Last Modified: 03/26/2012 8:35:57 am CST

**Communication of Outcomes**

The learning outcomes for the Aviation Management program are listed on the program's web site.
Archive (This area is to be used for archiving pre-TaskStream assessment data and for current documents.)

File Attachments:

1. **Aviation Management** (See appendix)
   - Aviation Management Assessment Plan
   
   ..............................................................................................................................

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## 2010-2011 Assessment Cycle

### Assessment Plan

**Outcomes and Measures**

**BS in Aviation Management Outcome Set**

**Program Obj #1: Technics/skills for professional practice**
Students will use the techniques, skills, & modern technology necessary for professional practice.

| SLO 1.1: Crew resource management | **Measure:** Evaluate course and lab work  
Indirect - Other |
|----------------------------------|-------------------------------------------------|
| **Details/Description:** Evaluate course and lab work  
Source of Assessment: AVT 325  
**Target:**  
**Implementation Plan (timeline):** First Assessment Fall 2010 (3 year cycle)  
**Responsible Individual(s):** AVT Program Champion |

| SLO 1.2: Knowledge of navigation and equipment | **Measure:** Evaluate course and lab work  
Indirect - Other |
|-----------------------------------------------|-------------------------------------------------|
| **Details/Description:** Evaluate course and lab work  
Source of Assessment: AVT 141  
**Target:**  
**Implementation Plan (timeline):** First Assessment Spring 2011 (3 year cycle)  
**Responsible Individual(s):** AVT Program Champion |

| SLO 1.3: Knowledge of National Airspace System | **Measure:** Evaluate course and lab work  
Indirect - Other |
|-----------------------------------------------|-------------------------------------------------|
| **Details/Description:** Evaluate course and lab work  
Source of Assessment: AVT 323  
**Target:**  
**Implementation Plan (timeline):** First Assessment Fall 2010 (3 year cycle)  
**Responsible Individual(s):** AVT Program Champion |

| SLO 1.4: Knowledge of Aviation Weather | **Measure:** Evaluate course and lab work  
Indirect - Other |
|---------------------------------------|-------------------------------------------------|
| **Details/Description:** Evaluate course and lab work  
Source of Assessment: AVT 223 |
### Target:
**Implementation Plan (timeline):** First Assessment Spring 2011 (3 year cycle)
**Responsible Individual(s):** AVT Program Champion

### SLO 1.5: Federal Aviation Regulations
<table>
<thead>
<tr>
<th>Measure</th>
<th>Details/Description</th>
<th>Source of Assessment: AVT 405</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluate course and lab work</td>
<td>Evaluate course and lab work</td>
<td></td>
</tr>
<tr>
<td>Indirect - Other</td>
<td>Source of Assessment: AVT 405</td>
<td>Target:</td>
</tr>
</tbody>
</table>

#### Program Objective #2: Written and oral communication skills
Students will communicate effectively, including both written and oral communication skills.

#### SLO 2.1: Exhibits good verbal communications
Students will exhibit good verbal communications.

<table>
<thead>
<tr>
<th>Measure</th>
<th>Details/Description</th>
<th>Source of Assessment: AVT 403</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of inclass project per rubric</td>
<td>Source of Assessment: AVT 403</td>
<td></td>
</tr>
<tr>
<td>Direct - Other</td>
<td>Source of Assessment: AVT 403</td>
<td>Target:</td>
</tr>
</tbody>
</table>

#### SLO 2.2: Possesses good written communication skills
Students will possess good written communication skills.

<table>
<thead>
<tr>
<th>Measure</th>
<th>Details/Description</th>
<th>Source of Assessment: AVT 309</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of inclass project per rubric</td>
<td>Source of Assessment: AVT 309</td>
<td></td>
</tr>
<tr>
<td>Direct - Other</td>
<td>Source of Assessment: AVT 309</td>
<td>Target:</td>
</tr>
</tbody>
</table>

#### SLO 2.3: Formality and respect in communication
Students will understand the need for formality and respect in communication.

<table>
<thead>
<tr>
<th>Measure</th>
<th>Details/Description</th>
<th>Source of Assessment: AVT 430</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluation of inclass project per rubric</td>
<td>Source of Assessment: AVT 430</td>
<td></td>
</tr>
<tr>
<td>Direct - Other</td>
<td>Source of Assessment: AVT 430</td>
<td>Target:</td>
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</tbody>
</table>

#### Program Obj #3: Team work and professional/ethical behavior
Students will function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.

#### SLO 3.1: Diverse team setting
Students will work well in diverse team settings.

<table>
<thead>
<tr>
<th>Measure</th>
<th>Details/Description</th>
<th>Source of Assessment: AVT 405</th>
</tr>
</thead>
<tbody>
<tr>
<td>Evaluate course and lab work</td>
<td>Evaluate course and lab work</td>
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<tr>
<td>Indirect - Other</td>
<td>Source of Assessment: AVT 405</td>
<td>Target:</td>
</tr>
<tr>
<td>Details/Description:</td>
<td>Evaluate course and lab work</td>
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<td>---------------------</td>
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<td></td>
</tr>
<tr>
<td>Source of Assessment:</td>
<td>AVT 425</td>
<td></td>
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<tr>
<td>Target:</td>
<td></td>
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<tr>
<td>Implementation Plan (timeline):</td>
<td>First Assessment Fall 2010 (3 year cycle)</td>
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<tr>
<td>Responsible Individual(s):</td>
<td>AVT Program Champion</td>
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</tbody>
</table>

**SLO 3.2: Understand and exhibit ethical responsibility**

Students will understand and exhibit ethical responsibility.

<table>
<thead>
<tr>
<th>Measure:</th>
<th>Evaluate course and lab work</th>
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<tbody>
<tr>
<td>Indirect - Other</td>
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<table>
<thead>
<tr>
<th>Details/Description:</th>
<th>Evaluate course and lab work</th>
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<tbody>
<tr>
<td>Source of Assessment:</td>
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<td>Target:</td>
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<tr>
<td>Implementation Plan (timeline):</td>
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</tr>
<tr>
<td>Responsible Individual(s):</td>
<td>AVT Program Champion</td>
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</tbody>
</table>

**SLO 3.3: Responsibility and professionalism**

Students will demonstrate responsibility and professionalism.

<table>
<thead>
<tr>
<th>Measure:</th>
<th>Evaluate course and lab work</th>
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<tbody>
<tr>
<td>Indirect - Other</td>
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<table>
<thead>
<tr>
<th>Details/Description:</th>
<th>Evaluate course and lab work</th>
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</thead>
<tbody>
<tr>
<td>Source of Assessment:</td>
<td>AVT 430</td>
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<tr>
<td>Target:</td>
<td></td>
</tr>
<tr>
<td>Implementation Plan (timeline):</td>
<td>First Assessment Spring 2011 (3 year cycle)</td>
</tr>
<tr>
<td>Responsible Individual(s):</td>
<td>AVT Program Champion</td>
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</tbody>
</table>

**Program Objective # 4: Identifying and solving problems**

Students will apply pertinent knowledge in identifying and solving problems.

<table>
<thead>
<tr>
<th>Measure:</th>
<th>Evaluation of lab work in class per rubric</th>
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<tbody>
<tr>
<td>Direct - Other</td>
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<table>
<thead>
<tr>
<th>Details/Description:</th>
<th>Source of Assessment: AVT 471</th>
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<tbody>
<tr>
<td>Target:</td>
<td></td>
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<tr>
<td>Implementation Plan (timeline):</td>
<td>First Assessment Fall 2010 (3 year cycle)</td>
</tr>
<tr>
<td>Responsible Individual(s):</td>
<td>AVT Program Champion</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Measure:</th>
<th>Evaluation of lab work in class per rubric</th>
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</thead>
<tbody>
<tr>
<td>Direct - Other</td>
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<thead>
<tr>
<th>Details/Description:</th>
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<tr>
<td>Target:</td>
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<td>Implementation Plan (timeline):</td>
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</tr>
<tr>
<td>Responsible Individual(s):</td>
<td>AVT Program Champion</td>
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</table>

**SLO 4.3: Identifies solutions to problems**

Students will demonstrate proper use of computer applications, computer technology, and aviation problem simulations.

<table>
<thead>
<tr>
<th>Measure:</th>
<th>Evaluation of lab work in class per rubric</th>
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<tr>
<td>Direct - Other</td>
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<table>
<thead>
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<th>Details/Description:</th>
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<td>Target:</td>
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<td>Implementation Plan (timeline):</td>
<td>First Assessment Fall 2010 (3 year cycle)</td>
</tr>
<tr>
<td>Responsible Individual(s):</td>
<td>AVT Program Champion</td>
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</table>
Details/Description: Source of Assessment: AVT 425
Target:
Implementation Plan (timeline): First Assessment Spring 2011 (3 year cycle)
Responsible Individual(s): AVT Program Champion

Assessment Findings

Finding per Measure

BS in Aviation Management Outcome Set

Program Obj #1: Technics/skills for professional practice
Students will use the techniques, skills, & modern technology necessary for professional practice.

SLO 1.1: Crew resource management
Measure: Evaluate course and lab work
Indirect - Other

Details/Description: Evaluate course and lab work
Source of Assessment: AVT 325
Target:
Implementation Plan (timeline): First Assessment Fall 2010 (3 year cycle)
Responsible Individual(s): AVT Program Champion

Findings for Evaluate course and lab work
No Findings Added

SLO 1.2: Knowledge of navigation and equipment
Students will demonstrate rudimentary knowledge of navigation and communication equipment.

Measure: Evaluate course and lab work
Indirect - Other

Details/Description: Evaluate course and lab work
Source of Assessment: AVT 141
Target:
Implementation Plan (timeline): First Assessment Spring 2011 (3 year cycle)
Responsible Individual(s): AVT Program Champion

Findings for Evaluate course and lab work
No Findings Added

SLO 1.3: Knowledge of National Airspace System

Measure: Evaluate course and lab work
Indirect - Other

Details/Description: Evaluate course and lab work
Source of Assessment: AVT 323
Target: Implementation Plan (timeline): First Assessment Fall 2010 (3 year cycle)  
Responsible Individual(s): AVT Program Champion

Findings for Evaluate course and lab work

No Findings Added

SLO 1.4: Knowledge of Aviation Weather

▼ Measure: Evaluate course and lab work  
Indirect - Other

Details/Description: Evaluate course and lab work  
Source of Assessment: AVT 223  
Target: Implementation Plan (timeline): First Assessment Spring 2011 (3 year cycle)  
Responsible Individual(s): AVT Program Champion

Findings for Evaluate course and lab work

No Findings Added

SLO 1.5: Federal Aviation Regulations

▼ Measure: Evaluate course and lab work  
Indirect - Other

Details/Description: Evaluate course and lab work  
Source of Assessment: AVT 405  
Target: Implementation Plan (timeline): First Assessment Spring 2011 (3 year cycle)  
Responsible Individual(s): AVT Program Champion

Findings for Evaluate course and lab work

No Findings Added

Program Objective #2: Written and oral communication skills
Students will communicate effectively, including both written and oral communication skills.

SLO 2.1: Exhibits good verbal communications
Students will exhibit good verbal communications.

▼ Measure: Evaluation of inclass project per rubric  
Direct - Other

Details/Description: Source of Assessment: AVT 403  
Target: Implementation Plan (timeline): First Assessment Spring 2011 (3 year cycle)  
Responsible Individual(s): AVT Program Champion

Findings for Evaluation of inclass project per rubric
<table>
<thead>
<tr>
<th>SLO</th>
<th>Measure</th>
<th>Details/Description</th>
<th>Target</th>
<th>Responsible Individual(s)</th>
<th>Findings</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SLO 2.2: Possesses good written communication skills</strong></td>
<td>Evaluation of inclass project per rubric</td>
<td>Source of Assessment: AVT 309</td>
<td>First Assessment Spring 2011 (3 year cycle)</td>
<td>AVT Program Champion</td>
<td>No Findings Added</td>
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<tr>
<td><strong>SLO 2.3: Formality and respect in communication</strong></td>
<td>Evaluation of inclass project per rubric</td>
<td>Source of Assessment: AVT 430</td>
<td>First Assessment Spring 2011 (3 year cycle)</td>
<td>AVT Program Champion</td>
<td>No Findings Added</td>
</tr>
<tr>
<td><strong>Program Obj #3: Team work and professional/ethical behavior</strong></td>
<td>Evaluate course and lab work</td>
<td>Evaluate course and lab work</td>
<td>AVT 425</td>
<td>AVT Program Champion</td>
<td>No Findings Added</td>
</tr>
<tr>
<td><strong>SLO 3.1: Diverse team setting</strong></td>
<td>Evaluate course and lab work</td>
<td>Evaluate course and lab work</td>
<td>AVT 425</td>
<td>AVT Program Champion</td>
<td>No Findings Added</td>
</tr>
<tr>
<td><strong>SLO 3.2: Understand and exhibit ethical responsibility</strong></td>
<td>Evaluate course and lab work</td>
<td>Evaluate course and lab work</td>
<td>AVT 425</td>
<td>AVT Program Champion</td>
<td>No Findings Added</td>
</tr>
</tbody>
</table>
SLO 3.3: Responsibility and professionalism
Students will demonstrate responsibility and professionalism.

Measure: Evaluate course and lab work
Indirect - Other

Details/Description: Evaluate course and lab work
Source of Assessment: AVT 430
Target:
Implementation Plan (timeline): First Assessment Spring 2011 (3 year cycle)
Responsible Individual(s): AVT Program Champion

Findings for Evaluate course and lab work
No Findings Added

Program Objective # 4: Identifying and solving problems
Students will apply pertinent knowledge in identifying and solving problems.

SLO 4.1: Effectively uses problem solving methods
Students will effectively uses problem solving methods.

Measure: Evaluation of lab work in class per rubric
Direct - Other

Details/Description: Source of Assessment: AVT 471
Target:
Implementation Plan (timeline): First Assessment Fall 2010 (3 year cycle)
Responsible Individual(s): AVT Program Champion

Findings for Evaluation of lab work in class per rubric
No Findings Added

SLO 4.2: Computer and aviation problem simulations
Students will demonstrate proper use of computer applications, computer technology, and aviation problem simulations.

Measure: Evaluation of lab work in class per rubric
Direct - Other

Details/Description: Source of Assessment: AVT 323
Target:
Implementation Plan (timeline): First Assessment Fall 2010 (3 year cycle)
Responsible Individual(s): AVT Program Champion

Findings for Evaluation of lab work in class per rubric
No Findings Added

**SLO 4.3: Identifies solutions to problems**
Students will successfully identify solutions to problems in operations and accident factors.

**Measure:** Evaluation of lab work in class per rubric
- Direct - Other

**Details/Description:** Source of Assessment: AVT 425
**Target:**
**Implementation Plan (timeline):** First Assessment Spring 2011 (3 year cycle)
**Responsible Individual(s):** AVT Program Champion

No Findings Added

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**Overall Recommendations**
No text specified

**Overall Reflection**
No text specified

---

**Action Plan**

**Actions**

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**BS in Aviation Management Outcome Set**

**Program Obj #3: Team work and professional/ethical behavior**
Students will function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.

**SLO 3.1: Diverse team setting**
Students will work well in diverse team settings.

---

**Status Report**

**Action Statuses**

---

**BS in Aviation Management Outcome Set**

**Program Obj #3: Team work and professional/ethical behavior**
Students will function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.

**SLO 3.1: Diverse team setting**
Students will work well in diverse team settings.

No actions specified
## Status Summary

*No text specified*

## Summary of Next Steps

*No text specified*
## Assessment Plan

### Outcomes and Measures

#### BS in Aviation Management

##### OBJ 1: Techniques, Skills, & Modern Technology

An ability to use the techniques, skills, & modern technology necessary for professional practice.

<table>
<thead>
<tr>
<th>Outcome 1.1: Knowledge of Air Traffic Operations</th>
<th>Measure: Comprehensive Exam Direct - Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demonstrates knowledge of air traffic operations</td>
<td>Details/Description: Take comprehensive written exam with questions aligned to stated outcomes; conduct survey of students in AVT 405 and AVT 491.</td>
</tr>
<tr>
<td>Target: 75% of students pass test with a score of 80% or above.</td>
<td>Implementation Plan (timeline): Sp2012, Sp2015, (3 year cycle)</td>
</tr>
<tr>
<td>Responsible Individual(s): AVT 405 &amp; 491 Instructor(s)</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Measure: Survey Indirect - Survey</th>
</tr>
</thead>
<tbody>
<tr>
<td>Details/Description: AVT 405, 491</td>
</tr>
<tr>
<td>Target:</td>
</tr>
<tr>
<td>Implementation Plan (timeline): Sp2012, Sp2015, (3 year cycle)</td>
</tr>
<tr>
<td>Responsible Individual(s): AVT 405 &amp; 491 Instructor(s)</td>
</tr>
</tbody>
</table>

##### Outcome 1.2: Knowledge of Airport Operations

Demonstrates knowledge of airport operations

<table>
<thead>
<tr>
<th>Measure: Comprehensive Exam Direct - Exam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Details/Description: Take comprehensive written exam with questions aligned to stated outcomes; conduct survey of students in AVT 405 and AVT 491.</td>
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<tr>
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</tbody>
</table>
Outcome 1.3: Knowledge of Federal Aviation Regulations

Measure: Comprehensive Test
Direct - Exam

Details/Description: Take comprehensive written exam with questions aligned to stated outcomes; conduct survey of students in AVT 405 and AVT 491.
Target: 75% of students pass test with a score of 80% or above.
Implementation Plan (timeline): Sp2012, Sp2015, (3 year cycle)
Responsible Individual(s): AVT 405 & 491 Instructor(s)

Measure: Survey
Indirect - Survey

Details/Description: AVT 405, 491
Target:
Implementation Plan (timeline): Sp2012, Sp2015, (3 year cycle)
Responsible Individual(s): AVT 405 & 491 Instructor(s)

Assessment Findings

Finding per Measure

BS in Aviation Management

OBJ 1: Techniques, Skills, & Modern Technology
An ability to use the techniques, skills, & modern technology necessary for professional practice.

Outcome 1.1: Knowledge of Air Traffic Operations
Demonstrates knowledge of air traffic operations

Measure: Comprehensive Exam
Direct - Exam

Details/Description: Take comprehensive written exam with questions aligned to stated outcomes; conduct survey of students in AVT 405 and AVT 491.
Target: 75% of students pass test with a score of 80% or above.
Implementation Plan (timeline): Sp2012, Sp2015, (3 year cycle)
Responsible Individual(s): AVT 405 & 491 Instructor(s)

Findings for Comprehensive Exam

Summary of Findings: • 30% passed with an 80% score or above. (Target – 75% pass with an 80% or above.)

Results: Target Achievement: Not Met

Recommendations:

Reflections/Notes: • Strongest area noted: Outcome #1, "Air Traffic Operations,” fared the best overall with 27% of the questions missed.

These Findings are associated with the following Actions:

Continue to monitor results of Federal Aviation Administration written exams
(Action Plan; 2011-2012 Assessment Cycle)

Pre-test/post-test
(Action Plan; 2011-2012 Assessment Cycle)
**Measure:** Survey  
*Indirect - Survey*

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### Findings for Survey

**Summary of Findings:** Of 40 students surveyed, no specific trends noted. Students were asked to rate (anonymously) how effective they felt coverage/instruction was in a variety of areas (i.e. Airport Planning, ATC Functions, etc.). 53 of 65 responses tallied were in the “Effective” and “Moderately Effective” categories. Out of 40 surveys, only six written comments were noted.

**Recommendations:**

**Reflections/Notes:**

**These Findings are associated with the following Actions:**

- **Continue to monitor results of Federal Aviation Administration written exams**  
  *(Action Plan; 2011-2012 Assessment Cycle)*

- **Pre-test/post-test**  
  *(Action Plan; 2011-2012 Assessment Cycle)*

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**Outcome 1.2:** Knowledge of Airport Operations  
Demonstrates knowledge of airport operations

| Measure: | Comprehensive Exam  
*Direct - Exam* |
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### Findings for Comprehensive Exam

**Summary of Findings:** • 30% passed with an 80% score or above. (Target – 75% pass with an 80% or above.)

**Results:** Target Achievement: Not Met

**Recommendations:**

**Reflections/Notes:** Outcome #2, "Knowledge of Airport Operations," averaged 35% questions missed.

**These Findings are associated with the following Actions:**

- **Continue to monitor results of Federal Aviation Administration written exams**  
  *(Action Plan; 2011-2012 Assessment Cycle)*

- **Pre-test/post-test**  
  *(Action Plan; 2011-2012 Assessment Cycle)*

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| Measure: | Survey  
*Indirect - Survey* |
Details/Description: AVT 405, 491
Target:
Implementation Plan (timeline): Sp2012, Sp2015, (3 year cycle)
Responsible Individual(s): AVT 405 & 491 Instructor(s)

Findings for Survey

Summary of Findings: Of 40 students surveyed, no specific trends noted. Students were asked to rate (anonymously) how effective they felt coverage/instruction was in a variety of areas (i.e. Airport Planning, ATC Functions, etc.). 53 of 65 responses tallied were in the “Effective” and "Moderately Effective” categories. Out of 40 surveys, only six written comments were noted.

Recommendations:
Reflections/Notes:

These Findings are associated with the following Actions:

Continue to monitor results of Federal Aviation Administration written exams
(Action Plan; 2011-2012 Assessment Cycle)

Outcome 1.3: Knowledge of Federal Aviation Regulations

Demonstrates knowledge of Federal Aviation Regulations

Measure: Comprehensive Test
Direct - Exam

Details/Description: Take comprehensive written exam with questions aligned to stated outcomes; conduct survey of students in AVT 405 and AVT 491.
Target: 75% of students pass test with a score of 80% or above.
Implementation Plan (timeline): Sp2012, Sp2015, (3 year cycle)
Responsible Individual(s): AVT 405 & 491 Instructor(s)

Findings for Comprehensive Test

Summary of Findings: • 30% passed with an 80% score or above. (Target – 75% pass with an 80% or above.)
Results: Target Achievement: Not Met
Recommendations:
Reflections/Notes: • Outcome #3, "Knowledge of Federal Aviation Regulations (FAR)," was weakest area noted with 38% of FAR questions missed.

These Findings are associated with the following Actions:

Continue to monitor results of Federal Aviation Administration written exams
(Action Plan; 2011-2012 Assessment Cycle)
Pre-test/post-test
(Action Plan; 2011-2012 Assessment Cycle)

Measure: Survey
Indirect - Survey

Details/Description: AVT 405, 491
Target:
Implementation Plan (timeline): Sp2012, Sp2015, (3 year cycle)
Responsible Individual(s): AVT 405 & 491 Instructor(s)
Findings for Survey

Summary of Findings: Of 40 students surveyed, no specific trends noted. Students were asked to rate (anonymously) how effective they felt coverage/instruction was in a variety of areas (i.e. Airport Planning, ATC Functions, etc.). 53 of 65 responses tallied were in the “Effective” and “Moderately Effective” categories. Out of 40 surveys, only six written comments were noted.

Recommendations:

Reflections/Notes:

These Findings are associated with the following Actions:

Continue to monitor results of Federal Aviation Administration written exams
(Action Plan; 2011-2012 Assessment Cycle)

Overall Recommendations

No text specified

Overall Reflection

No text specified

Action Plan

Actions

BS in Aviation Management

OBJ 1: Techniques, Skills, & Modern Technology
An ability to use the techniques, skills, & modern technology necessary for professional practice.

Outcome 1.1: Knowledge of Air Traffic Operations
Demonstrates knowledge of air traffic operations

Action: Continue to monitor results of Federal Aviation Administration written exams

This Action is associated with the following Findings

Findings for Comprehensive Exam
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)

Summary of Findings: 30% passed with an 80% score or above. (Target – 75% pass with an 80% or above.)

Findings for Survey
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)

Summary of Findings: Of 40 students surveyed, no specific trends noted. Students were asked to rate (anonymously) how effective they felt coverage/instruction was in a variety of areas (i.e. Airport Planning, ATC Functions, etc.). 53 of 65 responses tallied were in the “Effective” and “Moderately Effective” categories. Out of 40 surveys, only six written comments were noted.

Action Details: More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

Implementation Plan (timeline): Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.
**Key/Responsible Personnel:** Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.

**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

**Action:** Pre-test/post-test

**This Action is associated with the following Findings**

**Findings for Comprehensive Exam**
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)

**Summary of Findings:** • 30% passed with an 80% score or above. (Target – 75% pass with an 80% or above.)

**Findings for Survey**
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)

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**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**This Action is associated with the following Findings**

**Findings for Comprehensive Exam**
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)

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**Priority:** High

**Action:** Pre-test/post-test

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**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**This Action is associated with the following Findings**

**Findings for Comprehensive Test**
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)

**Summary of Findings:** • 30% passed with an 80% score or above. (Target – 75% pass with an 80% or above.)

**Findings for Survey**
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)

**Summary of Findings:** Of 40 students surveyed, no specific trends noted. Students were asked to rate (anonymously) how effective they felt coverage/instruction was in a variety of areas (i.e. Airport Planning, ATC Functions, etc.). 53 of 65 responses tallied were in the "Effective" and "Moderately Effective" categories. Out of 40 surveys, only six written comments were noted.

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**Key/Responsible Personnel:** Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.

**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

**Action:** Pre-test/post-test

This Action is associated with the following Findings

**Findings for Comprehensive Test**
(Assessment Plan and Assessment Findings; 2011-2012 Assessment Cycle)

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**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

**OBJ 2: Communicate Effectively**
An ability to communicate effectively, including both written and oral communication skills.

### Outcome 2.1: Good Verbal Communications

**Exhibits good verbal communications**

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**This Action is associated with the following Findings**

No supporting Findings have been linked to this Action.

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

**Key/Responsible Personnel:** Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.

**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

---

**Action:** Pre-test/post-test

**This Action is associated with the following Findings**

No supporting Findings have been linked to this Action.

**Action Details:** Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

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**Outcome 2.2: Good Written Communication Skills**

**Possesses good written communication skills**

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**This Action is associated with the following Findings**

No supporting Findings have been linked to this Action.

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).
Implementation Plan (timeline): Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

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Measures: Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

Resource Allocations: No additional human or financial resources necessary to implement the plan.

Priority: High

Action: Pre-test/post-test

This Action is associated with the following Findings
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Implementation Plan (timeline): Fall 2012 semester continuing into the Spring 2013 semester.

Key/Responsible Personnel: Azhar Hussain

Measures: A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

Resource Allocations: A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

Priority: High

Outcome 2.3: Understand Need for Formality and Respect
Understands the need for formality and respect in communication

Action: Continue to monitor results of Federal Aviation Administration written exams

This Action is associated with the following Findings
No supporting Findings have been linked to this Action.

Action Details: More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

Implementation Plan (timeline): Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

Key/Responsible Personnel: Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.

Measures: Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.
Resource Allocations: No additional human or financial resources necessary to implement the plan.

Priority: High

**Action:** Pre-test/post-test

**This Action is associated with the following Findings**
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**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

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**OBJ 3: Professional and Ethical Behaviors**
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.

**Outcome 3.1: Works Well in Diverse Settings**
Works well in a diverse team setting

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**This Action is associated with the following Findings**
No supporting Findings have been linked to this Action.

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

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**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High
### Action: Pre-test/post-test

**This Action is associated with the following Findings**
No supporting Findings have been linked to this Action.

**Action Details:** Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

### Outcome 3.2: Ethical Responsibility
Understands and exhibits ethical responsibility

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**This Action is associated with the following Findings**
No supporting Findings have been linked to this Action.

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

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**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

**Action:** Pre-test/post-test

**This Action is associated with the following Findings**
No supporting Findings have been linked to this Action.

**Action Details:** Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and
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**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

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**Outcome 3.3:**
**Demonstrates Responsibility and Professionalism**

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**This Action is associated with the following Findings**
No supporting Findings have been linked to this Action.

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

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**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

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**Action:** Pre-test/post-test

**This Action is associated with the following Findings**
No supporting Findings have been linked to this Action.

**Action Details:** Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

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**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.
**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

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### Status Report

#### Action Statuses

BS in Aviation Management

**OBJ 1: Techniques, Skills, & Modern Technology**
An ability to use the techniques, skills, & modern technology necessary for professional practice.

| Outcome 1.1: Knowledge of Air Traffic Operations | Action: Continue to monitor results of Federal Aviation Administration written exams |
| Demonstrates knowledge of air traffic operations | Action Details: More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics). |

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

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**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

### Status for Continue to monitor results of Federal Aviation Administration written exams

**Current Status:** In Progress

**Resource Allocation(s) Status:**

**Next Steps/Additional Information:**

| Action: Pre-test/post-test |
| Action Details: Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations. |

**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.
Key/Responsible Personnel: Azhar Hussain

Measures: A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

Resource Allocations: A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

Priority: High

Status for Pre-test/post-test

Current Status: Completed

Resource Allocation(s) Status: New faculty member in place and the opening of the new Flight School slated for fall 2013.

Next Steps/Additional Information: Fall 2013 will see implementation of Problem Based Learning in all our Aviation Management classes and we hope to see a marked increase in GPA as well.

Our new Flight School and beginning of the new Aviation Management Internship Program, will give our management group lot of valuable practical exposure to the real world environment.

Outcome 1.2: Knowledge of Airport Operations

Demonstrates knowledge of airport operations

Action: Continue to monitor results of Federal Aviation Administration written exams

Action Details: More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

Implementation Plan (timeline): Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

Key/Responsible Personnel: Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.

Measures: Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

Resource Allocations: No additional human or financial resources necessary to implement the plan.

Priority: High

Status for Continue to monitor results of Federal Aviation Administration written exams

Current Status: Completed

Resource Allocation(s) Status: New faculty member in place and the opening of the new Flight School slated for fall 2013.

Next Steps/Additional Information: Fall 2013 will see implementation of Problem Based Learning in all our Aviation Management classes and we hope to see a marked increase in GPA as well.
Our new Flight School and beginning of the new Aviation Management Internship Program, will give our management group lot of valuable practical exposure to the real world environment.

**Action:** Pre-test/post-test

**Action Details:** Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

**Status** for Pre-test/post-test

**Current Status:** Completed

**Resource Allocation(s) Status:** Status: New faculty member in place and the opening of the new Flight School slated for fall 2013.

**Next Steps/Additional Information:** Fall 2013 will see implementation of Problem Based Learning in all our Aviation Management classes and we hope to see a marked increase in GPA as well.

Our new Flight School and beginning of the new Aviation Management Internship Program, will give our management group lot of valuable practical exposure to the real world environment.

**Outcome 1.3:**
**Knowledge of Federal Aviation Regulations**
Demonstrates knowledge of Federal Aviation Regulations

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

**Key/Responsible Personnel:** Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.

**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.
**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

**Status** for Continue to monitor results of Federal Aviation Administration written exams

**Current Status:** In Progress

**Resource Allocation(s) Status:**

**Next Steps/Additional Information:**

**Action:** Pre-test/post-test

**Action Details:** Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

**Status** for Pre-test/post-test

*No Status Added*

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**OBJ 2: Communicate Effectively**

An ability to communicate effectively, including both written and oral communication skills.

**Outcome 2.1: Good Verbal Communications**

Exhibits good verbal communications

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

**Key/Responsible Personnel:** Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.
Measures: Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

Resource Allocations: No additional human or financial resources necessary to implement the plan.

Priority: High

Status for Continue to monitor results of Federal Aviation Administration written exams

Current Status: In Progress

Resource Allocation(s) Status:

Next Steps/Additional Information:

Action: Pre-test/post-test

Action Details: Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

Implementation Plan (timeline): Fall 2012 semester continuing into the Spring 2013 semester.

Key/Responsible Personnel: Azhar Hussain

Measures: A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

Resource Allocations: A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

Priority: High

Status for Pre-test/post-test

No Status Added

Outcome 2.2: Good Written Communication Skills
Possesses good written communication skills

Action: Continue to monitor results of Federal Aviation Administration written exams

Action Details: More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

Implementation Plan (timeline): Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

Key/Responsible Personnel: Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.
**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

**Status** for Continue to monitor results of Federal Aviation Administration written exams

**Current Status:** In Progress

**Resource Allocation(s) Status:**

**Next Steps/Additional Information:**

**Action:** Pre-test/post-test

**Action Details:** Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

**Status** for Pre-test/post-test

*No Status Added*

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**Outcome 2.3:**
**Understand Need for Formality and Respect**

Understands the need for formality and respect in communication

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

**Key/Responsible Personnel:** Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.
Measure: Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

Resource Allocations: No additional human or financial resources necessary to implement the plan.

Priority: High

Status for Continue to monitor results of Federal Aviation Administration written exams

Current Status: In Progress

Resource Allocation(s) Status:

Next Steps/Additional Information:

Action: Pre-test/post-test

Action Details: Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

Implementation Plan (timeline): Fall 2012 semester continuing into the Spring 2013 semester.

Key/Responsible Personnel: Azhar Hussain

Measures: A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

Resource Allocations: A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

Priority: High

Status for Pre-test/post-test

Current Status: Completed


Next Steps/Additional Information: Fall 2013 will see implementation of Problem Based Learning in all our Aviation Management classes and we hope to see a marked increase in GPA as well.

Our new Flight School and beginning of the new Aviation Management Internship Program, will give our management group lot of valuable practical exposure to the real world environment.

OBJ 3: Professional and Ethical Behaviors
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.
### Outcome 3.1: Works Well in Diverse Settings

**Works well in a diverse team setting**

#### Action: Continue to monitor results of Federal Aviation Administration written exams

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

**Key/Responsible Personnel:** Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.

**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

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**Status for Continue to monitor results of Federal Aviation Administration written exams**

**Current Status:** In Progress

**Resource Allocation(s) Status:**

**Next Steps/Additional Information:**

#### Action: Pre-test/post-test

**Action Details:** Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

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**Status for Pre-test/post-test**

**Current Status:** Completed

Next Steps/Additional Information: Fall 2013 will see implementation of Problem Based Learning in all our Aviation Management classes and we hope to see a marked increase in GPA as well. Our new Flight School and beginning of the new Aviation Management Internship Program, will give our management group lot of valuable practical exposure to the real world environment.

Outcome 3.2: Ethical Responsibility

Understands and exhibits ethical responsibility

**Action:** Continue to monitor results of Federal Aviation Administration written exams

**Action Details:** More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

**Implementation Plan (timeline):** Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

**Key/Responsible Personnel:** Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.

**Measures:** Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** High

**Status** for **Continue to monitor results of Federal Aviation Administration written exams**

- **Current Status:** In Progress
- **Resource Allocation(s) Status:**
- **Next Steps/Additional Information:**

**Action:** Pre-test/post-test

**Action Details:** Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.
Resource Allocations: A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

Priority: High

Status for Pre-test/post-test

Current Status: Completed

Resource Allocation(s) Status: New faculty member in place and the opening of the new Flight School slated for fall 2013.

Next Steps/Additional Information: Fall 2013 will see implementation of Problem Based Learning in all our Aviation Management classes and we hope to see a marked increase in GPA as well.

Our new Flight School and beginning of the new Aviation Management Internship Program, will give our management group lot of valuable practical exposure to the real world environment.

Outcome 3.3: Demonstrates Responsibility and Professionalism

Action: Continue to monitor results of Federal Aviation Administration written exams

Action Details: More written exercises and increased instructor emphasis on aircraft performance, Federal Aviation Regulations, airspace, and aircraft systems (avionics).

Implementation Plan (timeline): Following dissemination of results from Spring 2012 findings, increased emphasis began Fall 2012 semester. Additional emphasis in the way of increased written exercises and flight instructor scrutiny will be implemented Spring 2013 semester.

Key/Responsible Personnel: Instructors of AVT 144, 244, 344, 141, 211, 311, 243, and 341. In addition, contractor Flight Instructors have been informed and are placing increased emphasis in the aforementioned areas.

Measures: Continue to monitor results of Federal Aviation Administration written exams, Designated Examiner surveys and results of Designated Examiner flight evaluations.

Resource Allocations: No additional human or financial resources necessary to implement the plan.

Priority: High

Status for Continue to monitor results of Federal Aviation Administration written exams

Current Status: In Progress

Resource Allocation(s) Status:

Next Steps/Additional Information:

Action: Pre-test/post-test

Action Details: Previous personnel changes dictated use of management instructors with limited experience in the field. Assessment results indicated the necessity to acquire an experienced Aviation Management professional to instruct in those areas. Such an individual was hired as of Fall 2012. Teaching methodology has now changed in the classroom. The instructor passes on practical experience related to the topic being discussed. In addition, he has been made aware of the
deficient areas and spends more class time on those topics. Additional written exercises and increased emphasis will be placed on airport operations, Federal Aviation Regulations, air transportation, and general aviation operations.

**Implementation Plan (timeline):** Fall 2012 semester continuing into the Spring 2013 semester.

**Key/Responsible Personnel:** Azhar Hussain

**Measures:** A pre-test and post-test will be implemented as part of the new methodology and for assessment purposes. In addition, student surveys will be continued.

**Resource Allocations:** A new professor, Azhar Hussain, with recent extensive Aviation Management experience, was hired to implement change.

**Priority:** High

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**Status for Pre-test/post-test**

**Current Status:** Completed

**Resource Allocation(s) Status:** New faculty member in place and the opening of the new Flight School slated for fall 2013.

**Next Steps/Additional Information:** Fall 2013 will see implementation of Problem Based Learning in all our Aviation Management classes and we hope to see a marked increase in GPA as well.

Our new Flight School and beginning of the new Aviation Management Internship Program, will give our management group lot of valuable practical exposure to the real world environment.

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**Status Summary**

*No text specified*

**Summary of Next Steps**

*No text specified*
2012-2013 Assessment Cycle

Assessment Plan

Outcomes and Measures

BS in Aviation Management

OBJ 2: Communicate Effectively
An ability to communicate effectively, including both written and oral communication skills.

Outcome 2.1: Good Verbal Communications
Exhibits good verbal communications

Measure: Presentation in AVT 491
Direct - Student Artifact

Details/Description: Students are required to prepare and give a presentation in AVT 491
Target: 75% of students pass with an 80% or above
Implementation Plan (timeline):
Responsible Individual(s):

Outcome 2.2: Good Written Communication Skills
Possesses good written communication skills

Measure: Presentation in AVT 491
Direct - Student Artifact

Details/Description: Students are required to prepare and give a presentation in AVT 491
Target: 75% of students pass with an 80% or above
Implementation Plan (timeline):
Responsible Individual(s):

Outcome 2.3: Understand Need for Formality and Respect
Understands the need for formality and respect in communication

Measure: Presentation in AVT 491
Direct - Student Artifact

Details/Description: Students are required to prepare and give a presentation in AVT 491
Target: 75% of students pass with an 80% or above
Implementation Plan (timeline):
Responsible Individual(s):

Assessment Findings

Finding per Measure

BS in Aviation Management

OBJ 2: Communicate Effectively
An ability to communicate effectively, including both written and oral communication skills.
### Outcome 2.1: Good Verbal Communications
Exhibits good verbal communications

**Measure:** Presentation in AVT 491
Direct - Student Artifact

**Details/Description:** Students are required to prepare and give a presentation in AVT 491

**Target:** 75% of students pass with an 80% or above

**Implementation Plan (timeline):**

**Responsible Individual(s):**

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#### Findings for Presentation in AVT 491

**Summary of Findings:** Students were required to prepare and give a presentation in AVT 491. In the Spring 2013 semester, there were 25 students in the class which were broken up into teams of five. According to the grading rubric, one team earned an A, three teams earned a B, and one team earned a C. Overall, the students were strong in the area of Verbal Communication (Outcome #1)

**Results:** Target Achievement: Met

**Recommendations:** Have advisors require COMM 101 prior to enrolling in AVT 491. Encourage aviation department faculty to include more written and verbal assignments.

**Reflections/Notes:** Results and recommendations were discussed among the aviation faculty at the COT Faculty Retreat on November 8, 2013.

**These Findings are associated with the following Actions:**

**Increase number of written exercises**
(Action Plan; 2012-2013 Assessment Cycle)

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### Outcome 2.2: Good Written Communication Skills
Possesses good written communication skills

**Measure:** Presentation in AVT 491
Direct - Student Artifact

**Details/Description:** Students are required to prepare and give a presentation in AVT 491

**Target:** 75% of students pass with an 80% or above

**Implementation Plan (timeline):**

**Responsible Individual(s):**

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#### Findings for Presentation in AVT 491

**Summary of Findings:** Students were required to prepare and give a presentation in AVT 491. In the Spring 2013 semester, there were 25 students in the class which were broken up into teams of five. According to the grading rubric, one team earned an A, three teams earned a B, and one team earned a C. Overall, the students were average in the area of Written Communication (Outcome #2).

**Results:** Target Achievement: Met

**Recommendations:** Have advisors require COMM 101 prior to enrolling in AVT 491. Encourage aviation department faculty to include more written and verbal assignments.

**Reflections/Notes:** Results and recommendations were discussed among the aviation faculty at the COT Faculty Retreat on November 8, 2013.

**These Findings are associated with the following Actions:**

**Increase number of written exercises**
(Action Plan; 2012-2013 Assessment Cycle)
Outcome 2.3: Understand Need for Formality and Respect

Understands the need for formality and respect in communication

**Measure:** Presentation in AVT 491
Direct - Student Artifact

**Details/Description:** Students are required to prepare and give a presentation in AVT 491

**Target:** 75% of students pass with an 80% or above

**Implementation Plan (timeline):**

**Responsible Individual(s):**

**Findings** for Presentation in AVT 491

**Summary of Findings:** Students were required to prepare and give a presentation in AVT 491. In the Spring 2013 semester, there were 25 students in the class which were broken up into teams of five. According to the grading rubric, one team earned an A, three teams earned a B, and one team earned a C. Overall, the students were strong in the area of Professionalism (Outcome #3).

**Results:** Target Achievement: Met

**Recommendations:** Have advisors require COMM 101 prior to enrolling in AVT 491. Encourage aviation department faculty to include more written and verbal assignments.

**Reflections/Notes:** Results and recommendations were discussed among the aviation faculty at the COT Faculty Retreat on November 8, 2013.

These Findings are associated with the following Actions:

**Increase number of written exercises**
(Proposal Plan; 2012-2013 Assessment Cycle)

**Overall Recommendations**

No text specified

**Overall Reflection**

No text specified

**Action Plan**

**Actions**

**BS in Aviation Management**

**OBJ 2: Communicate Effectively**

An ability to communicate effectively, including both written and oral communication skills.

**Outcome 2.1: Good Verbal Communications**

Exhibits good verbal communications

**Action:** Increase number of written exercises

This Action is associated with the following Findings

**Findings for Presentation in AVT 491**
(Proposal Plan and Assessment Findings; 2012-2013 Assessment Cycle)

**Summary of Findings:** Students were required to prepare and give a presentation in AVT 491. In the Spring 2013 semester, there were 25 students in the class which were broken up into teams of five. According to the grading rubric, one team earned an A, three teams earned a B, and one team earned a C. Overall, the students were strong in the area of Verbal Communication (Outcome #1)
Action Details: Have aviation department faculty incorporate more written exercises in their classes. Furthermore, advisors should require students to take COMM 101 prior to enrolling in AVT 491. Lastly, encourage students to become a part of Toastmasters to improve verbal communication.

Implementation Plan (timeline): This will be implemented Spring 2014 semester.


Measures: Continue to monitor the results of student presentations.

Resource Allocations: No additional human or financial resources necessary to implement the plan.

Priority: Medium
Implementation Plan (timeline): This will be implemented Spring 2014 semester.


Measures: Continue to monitor the results of student presentations.

Resource Allocations: No additional human or financial resources necessary to implement the plan.

Priority: Medium

Status Report

Action Statuses

BS in Aviation Management

OBJ 2: Communicate Effectively
An ability to communicate effectively, including both written and oral communication skills.

Outcome 2.1: Good Verbal Communications
Exhibits good verbal communications

Action: Increase number of written exercises

Action Details: Have aviation department faculty incorporate more written exercises in their classes. Furthermore, advisors should require students to take COMM 101 prior to enrolling in AVT 491. Lastly, encourage students to become a part of Toastmasters to improve verbal communication.

Implementation Plan (timeline): This will be implemented Spring 2014 semester.


Measures: Continue to monitor the results of student presentations.

Resource Allocations: No additional human or financial resources necessary to implement the plan.

Priority: Medium

Current Status: Completed

Resource Allocation(s) Status:

Next Steps/Additional Information: Continuing to advise taking COMM 101 before AVT 491.
**Key/Responsible Personnel:** Instructors of AVT 141, 305, 307, 309, 325, 403, 405, 425, 430.

**Measures:** Continue to monitor the results of student presentations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** Medium

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**Status** for Increase number of written exercises

**Current Status:** Completed

**Resource Allocation(s) Status:**

**Next Steps/Additional Information:** Continuing to advise taking COMM 101 before AVT 491.

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**Outcome 2.3: Understand Need for Formality and Respect**

Understands the need for formality and respect in communication

**Action:** Increase number of written exercises

**Action Details:** Have aviation department faculty incorporate more written exercises in their classes. Furthermore, advisors should require students to take COMM 101 prior to enrolling in AVT 491. Lastly, encourage students to become a part of Toastmasters to improve verbal communication.

**Implementation Plan (timeline):** This will be implemented Spring 2014 semester.

**Key/Responsible Personnel:** Instructors of AVT 141, 305, 307, 309, 325, 403, 405, 425, 430.

**Measures:** Continue to monitor the results of student presentations.

**Resource Allocations:** No additional human or financial resources necessary to implement the plan.

**Priority:** Medium

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**Status** for Increase number of written exercises

**Current Status:** Completed

**Resource Allocation(s) Status:**

**Next Steps/Additional Information:** Continuing to advise taking COMM 101 before AVT 491.

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**Status Summary**

Completed.

**Summary of Next Steps**

Continuing to advise taking COMM 101 before AVT 491.
2013-2014 Assessment Cycle

Assessment Plan

Outcomes and Measures

BS in Aviation Management

OBJ 3: Professional and Ethical Behaviors
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.

Outcome 3.1: Works Well in Diverse Settings
Works well in a diverse team setting

- **Measure:** Class Project
  - Direct - Student Artifact

  - **Details/Description:** Evaluation of in-class project per rubric in AVT 325
  - **Target:** 75% of students pass with an 80% or above
  - **Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)
  - **Responsible Individual(s):** AVT 325 Instructor

Outcome 3.2: Ethical Responsibility
Understands and exhibits ethical responsibility

- **Measure:** Class Project
  - Direct - Student Artifact

  - **Details/Description:** Evaluation of in-class project per rubric in AVT 325
  - **Target:** 75% of students pass with an 80% or above
  - **Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)
  - **Responsible Individual(s):** AVT 325 Instructor

Outcome 3.3: Demonstrates Responsibility and Professionalism
Demonstrates Responsibility and Professionalism

- **Measure:** Class Project
  - Direct - Student Artifact

  - **Details/Description:** Evaluation of in-class project per rubric in AVT 325
  - **Target:** 75% of students pass with an 80% or above
  - **Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)
  - **Responsible Individual(s):** AVT 325 Instructor

Assessment Findings

Finding per Measure

BS in Aviation Management

OBJ 3: Professional and Ethical Behaviors
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.
**Outcome 3.1: Works Well in Diverse Settings**

Works well in a diverse team setting

**Measure: Class Project**

**Details/Description:** Evaluation of in-class project per rubric in AVT 325

**Target:** 75% of students pass with an 80% or above

**Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)

**Responsible Individual(s):** AVT 325 Instructor

### Findings for Class Project

**Summary of Findings:** In the Spring 2014 semester, there were 31 students in the class which were broken up into teams of two or three.

31/31 students received an 80% or higher in the area of Team Setting.

31/31 students received an 80% or higher in the area of Ethical Responsibility.

31/31 students received an 80% or higher in the area of Professionalism

**Results:** Target Achievement: Exceeded

**Recommendations:** Encourage aviation department faculty to continue using group projects.

**Reflections/Notes:** Results and recommendations were discussed among the aviation faculty at a meeting on November 10, 2014.

**These Findings are associated with the following Actions:**

**Continue to monitor**

(Comment Plan; 2013-2014 Assessment Cycle)

---

**Outcome 3.2: Ethical Responsibility**

Understands and exhibits ethical responsibility

**Measure: Class Project**

**Details/Description:** Evaluation of in-class project per rubric in AVT 325

**Target:** 75% of students pass with an 80% or above

**Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)

**Responsible Individual(s):** AVT 325 Instructor

### Findings for Class Project

**Summary of Findings:** In the Spring 2014 semester, there were 31 students in the class which were broken up into teams of two or three.

31/31 students received an 80% or higher in the area of Team Setting.

31/31 students received an 80% or higher in the area of Ethical Responsibility.

31/31 students received an 80% or higher in the area of Professionalism

**Results:** Target Achievement: Exceeded

**Recommendations:** Encourage aviation department faculty to continue using group projects.

**Reflections/Notes:** Results and recommendations were discussed among the aviation faculty at a meeting on November 10, 2014.

---

**Outcome 3.3: Demonstrates Responsibility and Professionalism**

Demonstrates Responsibility and Professionalism

**Measure: Class Project**

**Details/Description:** Evaluation of in-class project per rubric in AVT 325

**Target:** 75% of students pass with an 80% or above
Responsible Individual(s): AVT 325 Instructor

Findings for Class Project

Summary of Findings: In the Spring 2014 semester, there were 31 students in the class which were broken up into teams of two or three. 31/31 students received an 80% or higher in the area of Team Setting. 31/31 students received an 80% or higher in the area of Ethical Responsibility. 31/31 students received an 80% or higher in the area of Professionalism  
Results: Target Achievement: Exceeded  
Recommendations: Encourage aviation department faculty to continue using group projects.  
Reflections/Notes: Results and recommendations were discussed among the aviation faculty at a meeting on November 10, 2014.

Overall Recommendations

No text specified

Overall Reflection

No text specified

Action Plan

BS in Aviation Management

OBJ 3: Professional and Ethical Behaviors  
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.

Outcome 3.1: Works Well in Diverse Settings  
Works well in a diverse team setting

Action: Continue to monitor

This Action is associated with the following Findings

Findings for Class Project  
(Assessment Plan and Assessment Findings; 2013-2014 Assessment Cycle)

Summary of Findings: In the Spring 2014 semester, there were 31 students in the class which were broken up into teams of two or three. 31/31 students received an 80% or higher in the area of Team Setting. 31/31 students received an 80% or higher in the area of Ethical Responsibility. 31/31 students received an 80% or higher in the area of Professionalism

Action Details: Targets exceeded for outcomes 3.1, 3.2, and 3.3.  
No action necessary.

Implementation Plan (timeline): Reassess in three years.

Key/Responsible Personnel: Program Director / Department Chair

Measures:
Resource Allocations:
Priority:

Status Report

Action Statuses

BS in Aviation Management

OBJ 3: Professional and Ethical Behaviors
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.

Outcome 3.1: Works Well in Diverse Settings
Works well in a diverse team setting

Action: Continue to monitor

Action Details: Targets exceeded for outcomes 3.1, 3.2, and 3.3.
No action necessary.

Implementation Plan (timeline): Reassess in three years.

Key/Responsible Personnel: Program Director / Department Chair

Measures:

Resource Allocations:
Priority:

Status for Continue to monitor

Current Status: Completed

Resource Allocation(s) Status: No action necessary.

Next Steps/Additional Information:

Status Summary

No text specified

Summary of Next Steps

No text specified
2014-2015 Assessment Cycle

Assessment Plan

Outcomes and Measures

BS in Aviation Management

OBJ 1: Techniques, Skills, & Modern Technology
An ability to use the techniques, skills, & modern technology necessary for professional practice.

Outcome 1.1: Knowledge of Air Traffic Operations
Demonstrates knowledge of air traffic operations

- **Measure:** Comprehensive written exam
  - Direct - Exam

  - **Details/Description:** Take comprehensive written exam with questions aligned to stated outcomes in AVT 491
  - **Target:** 75% of students pass test with a score of 80% or above
  - **Implementation Plan (timeline):** Data to be gathered spring semester 2015 and reassessed every three years
  - **Responsible Individual(s):** AVT 491 Instructor

Outcome 1.2: Knowledge of Airport Operations
Demonstrates knowledge of airport operations

- **Measure:** Comprehensive written exam
  - Direct - Exam

  - **Details/Description:** Take comprehensive written exam with questions aligned to stated outcomes in AVT 491
  - **Target:** 75% of students pass test with a score of 80% or above
  - **Implementation Plan (timeline):** Data to be gathered spring semester 2015 and reassessed every three years
  - **Responsible Individual(s):** AVT 491 Instructor

Outcome 1.3: Knowledge of Federal Aviation Regulations
Demonstrates knowledge of Federal Aviation Regulations

- **Measure:** Comprehensive written exam
  - Direct - Exam

  - **Details/Description:** Take comprehensive written exam with questions aligned to stated outcomes in AVT 491
  - **Target:** 75% of students pass test with a score of 80% or above
  - **Implementation Plan (timeline):** Data to be gathered spring semester 2015 and reassessed every three years
  - **Responsible Individual(s):** AVT 491 Instructor

Assessment Findings

Finding per Measure

BS in Aviation Management
**OBJ 1: Techniques, Skills, & Modern Technology**

An ability to use the techniques, skills, & modern technology necessary for professional practice.

| Outcome 1.1: Knowledge of Air Traffic Operations | **Measure:** Comprehensive written exam  
Direct - Exam |
|-------------------------------------------------|-------------------------------------------------|
| **Details/Description:** Take comprehensive written exam with questions aligned to stated outcomes in AVT 491  
**Target:** 75% of students pass test with a score of 80% or above  
**Implementation Plan (timeline):** Data to be gathered spring semester 2015 and reassessed every three years  
**Responsible Individual(s):** AVT 491 Instructor |
| **Findings for Comprehensive written exam** |
| **Summary of Findings:** 17 students took the comprehensive written exam. The average score was 87%. 88% of the students passed the test with a score of 80% or above.  
**Results:** Target Achievement: Met  
**Recommendations:** Continue to monitor students in AVT 323 (Air Traffic Control Systems). In addition, instructors should incorporate scenario-based learning in the classroom.  
**Reflections/Notes:** In a survey, students were asked about the value of scenario-based exercises. 100% of the students said they learned more when scenarios were utilized |

| Outcome 1.2: Knowledge of Airport Operations | **Measure:** Comprehensive written exam  
Direct - Exam |
|-------------------------------------------------|-------------------------------------------------|
| **Details/Description:** Take comprehensive written exam with questions aligned to stated outcomes in AVT 491  
**Target:** 75% of students pass test with a score of 80% or above  
**Implementation Plan (timeline):** Data to be gathered spring semester 2015 and reassessed every three years  
**Responsible Individual(s):** AVT 491 Instructor |
| **Findings for Comprehensive written exam** |
| **Summary of Findings:** 17 students took the comprehensive written exam. The average score was 87%. 88% of the students passed the test with a score of 80% or above.  
**Results:** Target Achievement: Met  
**Recommendations:** Continue to monitor students in AVT 307 (Airport Operations). In addition, instructors should incorporate scenario-based learning in the classroom.  
**Reflections/Notes:** In a survey, students were asked about the value of scenario-based exercises. 100% of the students said they learned more when scenarios were utilized |

| Outcome 1.3: Knowledge of Federal Aviation Regulations | **Measure:** Comprehensive written exam  
Direct - Exam |
<table>
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<tbody>
<tr>
<td><strong>Details/Description:</strong> Take comprehensive written exam with questions aligned to stated outcomes in AVT 491</td>
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</tbody>
</table>
Target: 75% of students pass test with a score of 80% or above

Implementation Plan (timeline): Data to be gathered spring semester 2015 and reassessed every three years

Responsible Individual(s): AVT 491 Instructor

Findings for Comprehensive written exam

Summary of Findings: 17 students took the comprehensive written exam. The average score was 87%. 88% of the students passed the test with a score of 80% or above.

Results: Target Achievement: Met

Recommendations: Continue to monitor students in AVT 405 (Aviation Law). In addition, instructors should incorporate scenario-based learning in the classroom.

Reflections/Notes: In a survey, students were asked about the value of scenario-based exercises. 100% of the students said they learned more when scenarios were utilized.

Overall Recommendations

No text specified

Overall Reflection

No text specified

Action Plan

Status Report
2015-2016 Assessment Cycle

Assessment Plan

Outcomes and Measures

BS in Aviation Management

OBJ 2: Communicate Effectively
An ability to communicate effectively, including both written and oral communication skills.

Outcome 2.1: Good Verbal Communications
Exhibits good verbal communications

- **Measure:** Presentation in AVT 491
  - Direct - Student Artifact

  - **Details/Description:** Students are required to prepare and give a presentation in AVT 491
  - **Target:** 75% or students pass with an 80% or above
  - **Implementation Plan (timeline):** 3 year cycle
  - **Responsible Individual(s):** AVT 491 Instructor

Outcome 2.2: Good Written Communication Skills
Possesses good written communication skills

- **Measure:** Presentation in AVT 491
  - Direct - Student Artifact

  - **Details/Description:** Students are required to prepare and give a presentation in AVT 491
  - **Target:** 75% or students pass with an 80% or above
  - **Implementation Plan (timeline):** 3 year cycle
  - **Responsible Individual(s):** AVT 491 Instructor

Outcome 2.3: Understand Need for Formality and Respect
Understands the need for formality and respect in communication

- **Measure:** Presentation in AVT 491
  - Direct - Student Artifact

  - **Details/Description:** Students are required to prepare and give a presentation in AVT 491
  - **Target:** 75% or students pass with an 80% or above
  - **Implementation Plan (timeline):** 3 year cycle
  - **Responsible Individual(s):** AVT 491 Instructor

Assessment Findings

Finding per Measure

BS in Aviation Management

OBJ 2: Communicate Effectively
An ability to communicate effectively, including both written and oral communication skills.
### Outcome 2.1: Good Verbal Communications
Exhibits good verbal communications

**Measure:** Presentation in AVT 491  
Direct - Student Artifact

**Details/Description:** Students are required to prepare and give a presentation in AVT 491

**Target:** 75% or students pass with an 80% or above

**Implementation Plan (timeline):** 3 year cycle

**Responsible Individual(s):** AVT 491 Instructor

**Findings** for Presentation in AVT 491

*No Findings Added*

### Outcome 2.2: Good Written Communication Skills
Possesses good written communication skills

**Measure:** Presentation in AVT 491  
Direct - Student Artifact

**Details/Description:** Students are required to prepare and give a presentation in AVT 491

**Target:** 75% or students pass with an 80% or above

**Implementation Plan (timeline):** 3 year cycle

**Responsible Individual(s):** AVT 491 Instructor

**Findings** for Presentation in AVT 491

*No Findings Added*

### Outcome 2.3: Understand Need for Formality and Respect
Understands the need for formality and respect in communication

**Measure:** Presentation in AVT 491  
Direct - Student Artifact

**Details/Description:** Students are required to prepare and give a presentation in AVT 491

**Target:** 75% or students pass with an 80% or above

**Implementation Plan (timeline):** 3 year cycle

**Responsible Individual(s):** AVT 491 Instructor

**Findings** for Presentation in AVT 491

*No Findings Added*

### Overall Recommendations
*No text specified*

### Overall Reflection
*No text specified*

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### Action Plan
Status Report
## 2016-2017 Assessment Cycle

### Assessment Plan

#### Outcomes and Measures

**BS in Aviation Management**

**OBJ 3: Professional and Ethical Behaviors**
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.

| Outcome 3.1: Works Well in Diverse Settings | Measure: Class Project  
Direct - Student Artifact |
| Works well in a diverse team setting |
| Details/Description: Evaluation of in-class project per rubric in AVT 325  
Target: 75% of students pass with an 80% or above  
Responsible Individual(s): AVT 325 Instructor |

| Outcome 3.2: Ethical Responsibility |
| Understands and exhibits ethical responsibility |
| Measure: Class Project  
Direct - Student Artifact |
| Details/Description: Evaluation of in-class project per rubric in AVT 325  
Target: 75% of students pass with an 80% or above  
Responsible Individual(s): AVT 325 Instructor |

| Outcome 3.3: Demonstrates Responsibility and Professionalism |
| Demonstrates Responsibility and Professionalism |
| Measure: Class Project  
Direct - Student Artifact |
| Details/Description: Evaluation of in-class project per rubric in AVT 325  
Target: 75% of students pass with an 80% or above  
Responsible Individual(s): AVT 325 Instructor |

### Assessment Findings

**Finding per Measure**

**BS in Aviation Management**

**OBJ 3: Professional and Ethical Behaviors**
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.
Outcome 3.1: Works Well in Diverse Settings
Works well in a diverse team setting

**Measure:** Class Project
Direct - Student Artifact

**Details/Description:** Evaluation of in-class project per rubric in AVT 325
**Target:** 75% of students pass with an 80% or above
**Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)
**Responsible Individual(s):** AVT 325 Instructor

**Findings for Class Project**

No Findings Added

Outcome 3.2: Ethical Responsibility
Understands and exhibits ethical responsibility

**Measure:** Class Project
Direct - Student Artifact

**Details/Description:** Evaluation of in-class project per rubric in AVT 325
**Target:** 75% of students pass with an 80% or above
**Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)
**Responsible Individual(s):** AVT 325 Instructor

**Findings for Class Project**

No Findings Added

Outcome 3.3: Demonstrates Responsibility and Professionalism
Demonstrates Responsibility and Professionalism

**Measure:** Class Project
Direct - Student Artifact

**Details/Description:** Evaluation of in-class project per rubric in AVT 325
**Target:** 75% of students pass with an 80% or above
**Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)
**Responsible Individual(s):** AVT 325 Instructor

**Findings for Class Project**

No Findings Added

Overall Recommendations

No text specified

Overall Reflection

No text specified
2017-2018 Assessment Cycle

Assessment Plan

Outcomes and Measures

BS in Aviation Management

OBJ 1: Techniques, Skills, & Modern Technology
An ability to use the techniques, skills, & modern technology necessary for professional practice.

Outcome 1.1: Knowledge of Air Traffic Operations
Demonstrates knowledge of air traffic operations

- **Measure:** Comprehensive written exam
  - Direct - Exam
  
  **Details/Description:** Take comprehensive written exam with questions aligned to stated outcomes in AVT 491
  
  **Target:** 75% of students pass test with a score of 80% or above
  
  **Implementation Plan (timeline):** Reassessed every three years
  
  **Responsible Individual(s):** AVT 491 Instructor

Outcome 1.2: Knowledge of Airport Operations
Demonstrates knowledge of airport operations

- **Measure:** Comprehensive written exam
  - Direct - Exam
  
  **Details/Description:** Take comprehensive written exam with questions aligned to stated outcomes in AVT 491
  
  **Target:** 75% of students pass test with a score of 80% or above
  
  **Implementation Plan (timeline):** Reassessed every three years
  
  **Responsible Individual(s):** AVT 491 Instructor

Outcome 1.3: Knowledge of Federal Aviation Regulations
Demonstrates knowledge of Federal Aviation Regulations

- **Measure:** Comprehensive written exam
  - Direct - Exam
  
  **Details/Description:** Take comprehensive written exam with questions aligned to stated outcomes in AVT 491
  
  **Target:** 75% of students pass test with a score of 80% or above
  
  **Implementation Plan (timeline):** Reassessed every three years
  
  **Responsible Individual(s):** AVT 491 Instructor

Assessment Findings

Finding per Measure

BS in Aviation Management

OBJ 1: Techniques, Skills, & Modern Technology
An ability to use the techniques, skills, & modern technology necessary for professional practice.
<table>
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<th><strong>Measure:</strong> Comprehensive written exam  Direct - Exam</th>
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<td><strong>Details/Description:</strong> Take comprehensive written exam with questions aligned to stated outcomes in AVT 491</td>
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</table>

**Overall Recommendations**

*No text specified*

**Overall Reflection**

*No text specified*
2018-2019 Assessment Cycle

Assessment Plan

Outcomes and Measures

BS in Aviation Management

OBJ 2: Communicate Effectively
An ability to communicate effectively, including both written and oral communication skills.

Outcome 2.1: Good Verbal Communications
Exhibits good verbal communications

_measure_

Detail/Description: Students are required to prepare and give a presentation in AVT 491
Target: 75% or students pass with an 80% or above
Implementation Plan (Timeline): 3 year cycle
Responsible Individual(s): AVT 491 Instructor

Outcome 2.2: Good Written Communication Skills
Possesses good written communication skills

_measure_

Detail/Description: Students are required to prepare and give a presentation in AVT 491
Target: 75% or students pass with an 80% or above
Implementation Plan (Timeline): 3 year cycle
Responsible Individual(s): AVT 491 Instructor

Outcome 2.3: Understand Need for Formality and Respect
Understands the need for formality and respect in communication

_measure_

Detail/Description: Students are required to prepare and give a presentation in AVT 491
Target: 75% or students pass with an 80% or above
Implementation Plan (Timeline): 3 year cycle
Responsible Individual(s): AVT 491 Instructor

Assessment Findings

Finding per Measure

BS in Aviation Management

OBJ 2: Communicate Effectively
An ability to communicate effectively, including both written and oral communication skills.
### Outcome 2.1: Good Verbal Communications
Exhibits good verbal communications

**Measure:** Presentation in AVT 491
Direct - Student Artifact

**Details/Description:** Students are required to prepare and give a presentation in AVT 491
**Target:** 75% or students pass with an 80% or above
**Implementation Plan (timeline):** 3 year cycle
**Responsible Individual(s):** AVT 491 Instructor

**Findings** for Presentation in AVT 491

*No Findings Added*

### Outcome 2.2: Good Written Communication Skills
Possesses good written communication skills

**Measure:** Presentation in AVT 491
Direct - Student Artifact

**Details/Description:** Students are required to prepare and give a presentation in AVT 491
**Target:** 75% or students pass with an 80% or above
**Implementation Plan (timeline):** 3 year cycle
**Responsible Individual(s):** AVT 491 Instructor

**Findings** for Presentation in AVT 491

*No Findings Added*

### Outcome 2.3: Understand Need for Formality and Respect
Understands the need for formality and respect in communication

**Measure:** Presentation in AVT 491
Direct - Student Artifact

**Details/Description:** Students are required to prepare and give a presentation in AVT 491
**Target:** 75% or students pass with an 80% or above
**Implementation Plan (timeline):** 3 year cycle
**Responsible Individual(s):** AVT 491 Instructor

**Findings** for Presentation in AVT 491

*No Findings Added*

### Overall Recommendations

*No text specified*

### Overall Reflection

*No text specified*
2019-2020 Assessment Cycle

Assessment Plan

Outcomes and Measures

BS in Aviation Management

OBJ 3: Professional and Ethical Behaviors
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.

Outcome 3.1: Works Well in Diverse Settings
Works well in a diverse team setting

Measure: Class Project
Direct - Student Artifact

Details/Description: Evaluation of in-class project per rubric in AVT 325
Target: 75% of students pass with an 80% or above
Responsible Individual(s): AVT 325 Instructor

Outcome 3.2: Ethical Responsibility
Understands and exhibits ethical responsibility

Measure: Class Project
Direct - Student Artifact

Details/Description: Evaluation of in-class project per rubric in AVT 325
Target: 75% of students pass with an 80% or above
Responsible Individual(s): AVT 325 Instructor

Outcome 3.3: Demonstrates Responsibility and Professionalism
Demonstrates Responsibility and Professionalism

Measure: Class Project
Direct - Student Artifact

Details/Description: Evaluation of in-class project per rubric in AVT 325
Target: 75% of students pass with an 80% or above
Responsible Individual(s): AVT 325 Instructor

Assessment Findings

Finding per Measure

BS in Aviation Management

OBJ 3: Professional and Ethical Behaviors
An ability to function on a multi-disciplinary and diverse team by demonstrating professional and ethical behaviors.
### Outcome 3.1: Works Well in Diverse Settings
**Measure:** Class Project  
Direct - Student Artifact

**Details/Description:** Evaluation of in-class project per rubric in AVT 325  
**Target:** 75% of students pass with an 80% or above  
**Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)  
**Responsible Individual(s):** AVT 325 Instructor

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<th>Findings for Class Project</th>
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<tbody>
<tr>
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</table>

### Outcome 3.2: Ethical Responsibility
**Measure:** Class Project  
Direct - Student Artifact

**Details/Description:** Evaluation of in-class project per rubric in AVT 325  
**Target:** 75% of students pass with an 80% or above  
**Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)  
**Responsible Individual(s):** AVT 325 Instructor

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### Outcome 3.3: Demonstrates Responsibility and Professionalism
**Measure:** Class Project  
Direct - Student Artifact

**Details/Description:** Evaluation of in-class project per rubric in AVT 325  
**Target:** 75% of students pass with an 80% or above  
**Implementation Plan (timeline):** Sp2014, Sp2017, (3 year cycle)  
**Responsible Individual(s):** AVT 325 Instructor

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<tr>
<td>No Findings Added</td>
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</table>

### Overall Recommendations
No text specified

### Overall Reflection
No text specified
Appendix

A. BS in Aviation Management (Curriculum Map)
B. Aviation Management (Adobe Acrobat Document)
Aviation Management
Learning Outcomes

1. Student can communicate in a clear and concise manner at two specific levels, aviation specific and to the general public.

2. Student can find and use aviation resources to prepare themselves for an aviation career, enabling them to apply to and retain a position within the domestic and international aviation industry.

3. Student can demonstrate the ability to successfully use the latest aviation technologies.

4. Student can recognize and apply crew resource management skills.

5. Student can successfully relate and work within an international industry.

6. Students understand how to complete all Departmental and University requirements in order to obtain a college degree.

7. Student understands the fundamentals of flight and basic aerodynamic principles.

8. Student can demonstrate critical thinking abilities and use them to solve complex aviation related issues.

9. Student can explain the functions of the Federal State and Local government in regards to their involvement in aviation.