

Unit Missions

Mission Statement

Mission statement

The Department of Commercial Aviation is to prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation. Graduates of this program would serve as members of flight crews, air traffic control specialists, and executives with supervisory and managerial responsibilities at all levels.

Learning Outcomes

BCA-AM-01: Federal Aviation Regulations

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Aviation Management majors will have a thorough and comprehensive understanding of Federal aviation regulations.

Data Collection (Evidence)

1. CAV 371 Aviation Law -Final Exam; CAV 380 Air Transportation – Class Project; CAV 382 Airport Management – Class Project
2. Exam will be graded and kept on file; Projects will be presented to a project board for evaluation and grading
3. Exam scores will be compared to anticipated outcomes to verify whether

Results of Evaluation

1. 94% of students scored 70 or higher on the prepared test in CAV 371. The Instructor will continue to add course content to introduce more industry-specific scenarios.
2. 84% of students scored 70 or higher on examination questions. The curriculum will be updated and learning outcomes modified to better assess student learning and understanding. Specifically, a project will be added to this course.
3. Examination grades confirmed the students are learning the material on the Federal Aviation Regulations. The Instructor will continue to add course content to introduce more industry-specific scenarios.

-  [CAV 371 Aviation Law Fall 2012](#)
-  [CAV 380 Air Transportation Fall 2012](#)
-  [CAV 382 Airport Management Spring 2012](#)

Use of Evaluation Results

1. The Instructor will continue to add course content to introduce more industry-specific scenarios.
2. The curriculum will be updated and learning outcomes modified to better assess student learning and understanding. Specifically, a project will be added to this course.
3. The Instructor will continue to add course content to introduce more industry-specific scenarios.

BCA-AM-02: Aerospace Industry

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Aviation Management majors will demonstrate a broad understanding of the aerospace industry.

Data Collection (Evidence)

1. CAV 380 Air Transportation – Class Project; CAV 372 Aviation Safety - Final Exam; CAV 382 Airport Management – Class Project; CAV 381 Air Traffic - Final Exam
2. Exam will be graded and kept on file; Projects will be presented to a project board for evaluation and grading
3. Exam scores will be compared to anticipated outcomes to verify whether targets were met; Project scores will be compared to anticipated outcomes to determine whether goals were achieved

Results of Evaluation

CAV 380 Air Transportation – Class Project;

CAV 372 Aviation Safety - Final Exam;

CAV 382 Airport Management – Class Project;

CAV 381 Air Traffic - Final Exam

1. 94% of students scored 70 or higher on the prepared test in CAV 371. The Instructor will continue to add course content to introduce more industry-specific scenarios.

2. 100% of students scored 70 or higher on examination questions in CAV 372. The Instructor will continue to add content to curriculum to further enhance the offering. Goal of 85% passing rate for next fall 2013.

3. 100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL in CAV 382. Curriculum will be modified and learning outcomes changed to better measure student learning and understanding and a project will be added.

4. 100% of students scored 70 or higher on final examination questions, EXCEEDS ASSESSMENT GOAL in CAV 381. Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.

Examination grades confirmed the students are learning the material on the Federal Aviation Regulations. The Instructor will continue to add course content to introduce more industry-specific scenarios.

-  [CAV 372 Aviation Safety Learning Outcomes Fall 2012](#)
-  [CAV 380 Air Transportation Assessment Form Spring 2013](#)
-  [CAV 382 Airport Management Learning Outcomes Spring 2013](#)
-  [CAV 382 Airport Management Learning Outcomes Spring 2013](#)

Use of Evaluation Results

1. CAV 371: The Instructor will continue to add course content to introduce more industry-specific scenarios.

2. CAV 372: The Instructor will continue to add content to curriculum to further enhance the offering. Goal of 85% passing rate for next fall 2013.

3. CAV 382: Curriculum will be modified and learning outcomes changed to better measure student learning and understanding and a project will be added.

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4. CAV 381: Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.
Examination grades confirmed the students are learning the material on the Federal Aviation Regulations. The Instructor will continue to add course content to introduce more industry-specific scenarios.

BCA-AM-03: Skill & techniques & procedures for airport operations

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Aviation Management majors will demonstrate knowledge of the skills, techniques, and procedures for maintaining airports, airlines, government, non-governmental, and general aviation.

Data Collection (Evidence)

1. CAV 380 Air Transportation - Class Project; CAV 372 Aviation Safety - Final Exam; CAV 382 Airport Planning - Class Project; CAV 381 Air Traffic - Final Exam
2. Exam will be graded and kept on file; Projects will be presented to a project board for evaluation and grading
3. Exam scores will be compared to anticipated outcomes to verify whether targets were met; Project scores will be compared to anticipated outcomes to determine whether goals were achieved\

[!\[\]\(758ebdf4629c903da74c2e079717ae32_img.jpg\) CAV 372 Aviation Safety Learning Outcomes Fall 2012](#)

[!\[\]\(fe3aebe81acea8d45108cd2768939da7_img.jpg\) CAV 380 Air Transportation Assessment Form Spring 2013](#)

[!\[\]\(626ce8ac21792b9405bfddfea8e0c96a_img.jpg\) CAV 381 Air Traffic Control Assessment Form Spring 2013](#)

[!\[\]\(a8f9309f944226d1420f5fed22e2b6e6_img.jpg\) CAV 382 Airport Management Learning Outcomes Spring 2013](#)

Results of Evaluation

1. 94% of students scored 70 or higher on the prepared test in CAV 371. The Instructor will continue to add course content to introduce more industry-specific scenarios.
2. 100% of students scored 70 or higher on examination questions in CAV 372. The Instructor will continue to add content to curriculum to further enhance the offering. Goal of 85% passing rate for next fall 2013.
3. 100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL in CAV 382. Curriculum will be modified and learning outcomes changed to better measure student learning and understanding and a project will be added.
4. 100% of students scored 70 or higher on final examination questions, EXCEEDS ASSESSMENT GOAL in CAV 381. Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.

Examination grades confirmed the students are learning the material on the Federal Aviation Regulations. The Instructor will continue to add course content to introduce more industry-specific scenarios.

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Use of Evaluation Results

1. CAV 371: The Instructor will continue to add course content to introduce more industry-specific scenarios.
2. CAV 372: The Instructor will continue to add content to curriculum to further enhance the offering. Goal of 85% passing rate for next fall 2013.
3. CAV 382: Curriculum will be modified and learning outcomes changed to better measure student learning and understanding and a project will be added.
4. CAV 381: Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.

Examination grades confirmed the students are learning the material on the Federal Aviation Regulations. The Instructor will continue to add course content to introduce more industry-specific scenarios.

BCA-FO-01: Commercial Pilot Skills

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Flight Operations majors will possess the knowledge and skills necessary to fly an airplane at the commercial pilot skill level in both single and multi-engine airplanes under both VFR and IFR.

Data Collection (Evidence)

Stage checks, course exams, FAA written exams, and FAA practical exams.

2. pass/fail data will be collected from CAV 355 stage checks, CAV 352 written exams, FAA Commercial Pilot written exam, and the FAA Commercial Pilot practical exam
3. A percentage pass rate of 1st attempts will be determined on stage checks, course exams, FAA written exams, and FAA practical exams.

-  [CAV 352 Commercial GR Fall 2012](#)
-  [CAV 352 Commercial Pilot GR Spring 2013](#)

Results of Evaluation

Data collected from stage checks, course exams, FAA written exams, and FAA practical exams.

2. Pass/fail data will be collected from CAV 355 stage checks, CAV 352 written exams, FAA Commercial Pilot written exam, and the FAA Commercial Pilot practical exam.

IN CAV 352 Fall 2012 80% of the students scored a 70 percent or higher the examination questions.
In CAV 352 Spring 2013 75% of the students enrolled scored a 70 percent or higher the examination questions. The difference in results could be the different instructors.

3. A percentage pass rate of 1st attempts will be determined on stage checks, course exams, FAA written exams, and FAA practical exams. 100% of students enrolled in CAV 355 passed the stage checks, course exams, and FAA written and FAA practical Exam in the year 2012-2013.

Use of Evaluation Results

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1. Have a class meeting or two at the airport incorporating a preflight and systems review using the C206 and DA42.
 2. Put more emphasis on calculations using the takeoff, landing, and cruise performance charts.
 3. Incorporate the use of www.faa.gov and its aeronautical decision making courses into the syllabus.
 4. Have the students do a presentation using visual aids to describe the required flight maneuvers for the commercial pilot check ride.
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BCA-FO-02: Federal Aviation Regulations

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Flight Operation majors will have a thorough and comprehensive understanding of Federal aviation regulations.

Data Collection (Evidence)

1. stage checks, course exams, FAA written exams, and FAA practical exams
2. CAV (law) written exams, CAV 352 written exams, CAV 360 written exams, CAV 355 and 360 stage checks, FAA Commercial and Flight instructor written exams
3. A percentage pass rate of 1st attempts will be determined

- [CAV 352 Assessment Form Spring 2013](#)
- [CAV 352 Commercial Pilot Grnd Course Learning Outcomes Fall 12](#)

Results of Evaluation

1. stage checks, course exams, FAA written exams, and FAA practical exams
2. CAV (law) written exams, CAV 352 written exams, CAV 360 written exams, CAV 355 and 361 stage checks, FAA Commercial and Flight instructor written exams

CAV 352 written exams, FAA Commercial Pilot written exam, and the FAA Commercial Pilot practical exam.

IN CAV 352 Fall 2012 80% of the students scored a 70 percent or higher the examination questions.

In CAV 352 Spring 2013 75% of the students enrolled scored a 70 percent or higher the examination questions. The difference in results could be the different instructors.

CAV 360- 4/5 80% passed the FAA written exams.

CAV 355- 7/8 students passed the Commercial FAA Written. One student has not completed the exam to date. All Students must complete to 100% to progress with their flight ratings/certificates.

CAV 361- Stage 3/3 students passed the Certified Flight Instructor stage checks. The fourth student cut out of the course with excessive absences. However, the student did complete the stage checks with 100% after re-enrolling the next Semester. Students must complete to 100% to progress with their flight ratings/certificates.

3. A percentage pass rate of 1st attempts will be determined

Use of Evaluation Results

1. Have a class meeting or two at the airport incorporating a preflight and systems review using the C206 and DA42.
2. Put more emphasis on calculations using the takeoff, landing, and cruise performance charts.
3. Incorporate the use of www.faa.gov and its aeronautical decision making courses into the syllabus.
4. Have the students do a presentation using visual aids to describe the required flight maneuvers for the commercial pilot check ride.

BCA-FO-03: Communication Skills

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Flight Operation majors will possess technical communications skills.

Data Collection (Evidence)

Stage checks and FAA practical exams

2. CAV 355 stage checks, CAV 360 stage checks, CAV 390 stage checks, FAA Commercial and CFI practical exams
3. A percentage pass rate of 1st attempts will be determined on stage checks, course exams, FAA written exams, and FAA

Results of Evaluation

2. CAV 355 stage checks, CAV 361 stage checks, CAV 390 stage checks, FAA Commercial and CFI practical exams

CAV 360- 4/5 80% passed the FAA written exams.

CAV 355- 7/8 students passed the Commercial FAA Written. One student has not completed the exam to date. All Students must complete to 100% to progress with their flight ratings/certificates.

CAV 361- Stage 3/3 students passed the Certified Flight Instructor stage checks. The fourth student cut out of the course with excessive absences. However, the student did complete the stage checks with 100% after re-enrolling the next Semester. Students must complete to 100% to progress with their flight ratings/certificates.

CAV 390-2/2 students passed the FAA Flight Instructor Instrument Written Exam on the first attempt. 2/2 students passed the Flight Instructor Instrument stage checks and FAA check ride the first attempt.

3. A percentage pass rate of 1st attempts will be determined on stage checks, course exams, FAA written exams, and FAA

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Use of Evaluation Results

The Flight Syllabus have been revised that should make tracking this data easier. Additional completions of flight certificates and ratings occur outside the semester the student enrolled in the course. All students must pass all FAA written exams, stage exams, and practical test to complete the certificates, ratings, and the BCA degree.

 MCA 03: Air Cargo economics and marketing

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Articulate the role of the fixed base operator in the aviation system.

Data Collection (Evidence)

Discussion board and Chapter Reviews in CAV 650

-  [Course Learning Outcomes for SACS CAV 650 F2012](#)

Results of Evaluation

95% of students fully participated in 15 weeks of on-line discussions and 89% of students answered all chapter review questions.

Use of Evaluation Results

Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made clearer in the future to encourage full participation in on-line discussions and chapter review questions.

 MCA 04: Human Factors

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Explain individual and group behavior and interaction in the aerospace industry.

Data Collection (Evidence)

Test questions in CAV 610

-  [CAV 610 Fall 2012](#)

Results of Evaluation

91% of students fully participated in 15 weeks of on-line discussions and 91% of students answered all chapter review questions.

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Use of Evaluation Results

Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made clearer in the future to encourage full participation in on-line discussions and chapter review questions.

MCA-01: US Laws & FAA

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Distinguish between the different kinds of laws that the United States in aviation and the distinction between the different kinds essential to understanding the FAA enforcement process.

Data Collection (Evidence)

Final Exam for CAV 630

Results of Evaluation

93% of students completed the final exam with 80% or better.

Use of Evaluation Results

The online examination will be revised with a reduced time limit to reduce the rote nature answers on the Final Exam. The exam is to use their critical thinking skills in scenario based questions.

MCA-02: Safety in the design and operations of airports

Start: 7/1/2012

End: 6/30/2013

Providing Department: Commercial Aviation

Learning Outcome

Apply the various managerial concepts learned in class to solving real-world issues and problems encountered by safety in the design and operations of airports.

Data Collection (Evidence)

Assignments and embedded test questions in CAV 660

Results of Evaluation

93% of students enrolled completed the assignments and final exam with an 80% or better. Once student withdrew before the end of the semester.

Use of Evaluation Results

The embedded test questions may be revised to have less rote answers in nature and more scenario based examples to all the students to apply the real-world concepts they have learned.

 **CAV 2013_01: Establish an Aviation Advisory Board for the Department of Commercial Aviation**

Start: 7/1/2012

End: 6/30/2013

Unit Goal

An established Aviation Advisory Board actively participating as partners with the Department of Commercial Aviation.

Evaluation Procedures

Recruit an advisory board of industry leaders assisting the Department of Commercial Aviation in updating curriculum and training to meet changing industry needs.

Actual Results of Evaluation

The CAV Advisory Board is established and will meet twice per year to make suggestions on curriculum and update the CAV Faculty & Staff of current issues in their respective fields. Minutes and photos will document each meeting. The First Meeting is scheduled for August 23, 2013.

Use of Evaluation Results

An active advisory board of industry leaders assisting the Department of Commercial Aviation in updating curriculum and training to meet changing industry needs.

Related Items

 **SP1.Ind04: Job placement**

 **SP1.Ind06: Advising -- access to improved, comprehensive, and directed/targeted advising**

 **SP1.Ind08: Curriculum Development and Revision**

 **SP2.Ind02: Retention**

 **SP2.Ind03: Graduation Rate**

 **SP3.Ind04: Technology training**

 **CAV 2013_02: To prepare for a self-study that will lead to accreditation by AABI in the future.**

Start: 7/1/2012

End: 6/30/2013

Unit Goal

To prepare for a self-study that will lead to accreditation by AABI in the future.

Evaluation Procedures

Annual progress over the last three years with the end goal in site.

Actual Results of Evaluation

This process has been ongoing for the past three years. The curriculum was updated 2010. New Aircraft were purchased 2011. Flight Syllabus revised with the new aircraft 2012. New personnel hired 2012-2013. Institutional Commitment to proceed with the Self-study secured 2013. The Self Study will start Fall 2013 with an AABI site visit proposed for Fall 2014. A University Aviation Association (UAA) program review site visit is planned for Fall 2013. The UAA visit will help in preparation for the AABI process. AABI accreditation should be February 2015 if all goes as planned.

Use of Evaluation Results

Once accredited by AABI our students will have more opportunities for internships and bridge programs with the airline industry.

Related Items

 **SP1.Ind08: Curriculum Development and Revision**

 **CAV 2013_03: Commercial Aviation will increase the amount of credit hour production by 15% in 2 years.**

Start: 7/1/2012

End: 6/30/2013

Unit Goal

Commercial Aviation will increase the amount of credit hour production by 15% in 2 years.

Evaluation Procedures

Analysis of credit hour production in academic years 2008/2009, 2009/2010, and 2010/2011.

Actual Results of Evaluation

Credit production hours increased only slightly in 2012-2013. Specifically the total in 2012 was 1664 and the total in 2013 was 1677. The goal to increase credit hour production by 15% in two years was not met. This goal will be moved forward. We are actively recruiting to increase our enrollment and therefore our credit hour production.

Use of Evaluation Results

While there is a slight increase in the Credit Production hours in the Department of Commercial Aviation the 15% goal has not been met. This goal will be extended however it must be noted that the credit hour production does not show a true picture in CAV. The weight as assigned by IHL is for a 100-200 level course is weighted 1.0, 300-400 level is weighted 1.96, and 600 level is 3.94. Commercial Aviation is highly specialized requiring FAA certification, recurrent training, equipment, and technology. The CAV courses should be weighted similarly to the Nursing Program also requiring extra training and highly skilled techniques. The weight for a Nursing course 100-200 level course is weighted 4.91, 300-400 level is weighted 5.32, and 600 level is 6.49. Currently CAV is weighted as a History or English course with no extra training or equipment. When CAV is compared with other College of Business course even Business courses are weighted higher than CAV. Specifically Business 100-200 level course is weighted 1.41, 300-400 level is weighted 1.59, and 600 level is 4.59. In conclusion, CAV courses need to be reevaluated by IHL to possibly create an additional code category and increase the weight to more accurately reflect the skill, training and equipment required to train students in Commercial Aviation.

Related Items

 **SP2.Ind01: Enrollment**

 **CAV 2013_04: Increase enrollment**

Start: 7/1/2012

End: 6/30/2013

Unit Goal

Increase enrollment in the Department of Commercial Aviation in five years by 20%

Evaluation Procedures

Analysis of enrollment data 2009/2010; 2010/2011; 2011/2012; 2012/2013; 2013/2014

Actual Results of Evaluation

Enrollment was down by five total student in the undergraduate Commercial Aviation majors. Specifically, we lost 9 students from the flight program but were able to retain them as aviation management majors. The change in majors from flight to aviation management were noted as financial reasons by the students. Enrollment at the graduate level was down by a total of six students- three of which were dismissed for earning an F in a course as outlined in the Graduate Catalog. Two of the other students were deployed but hope to return to the program once state side. Lastly, we lost one student for financial reasons. That student also plans to return once they are rehired and have the money to continue their education.

Use of Evaluation Results

The Department of Commercial Aviation has been actively recruiting across the Southeast. This plan is designed to Increase enrollment, Increase recruitment, outreach to our alumni for recruitment opportunities, Continue to publish CAV NEWS digitally each semester and to Continue Recruitment E-Mail Blasts monthly to high school in Mississippi, Tennessee, Alabama, Florida, Georgia, Arkansas, Missouri, Louisiana, and Texas. Additionally, we have taken out ADs in Flying magazine (National), and Invitation Oxford and Invitation Tupelo. We also have a Web AD on the FAPA website.

Additionally we had a booth at the Women in Aviation Conference for the last three years.

Additional Recruiting activities:

Future and Active Pilots Association (Pilot and Student Career Fair) Orlando, FL and New Orleans, LA, and Atlanta, GA

- Recruiting visits

West Jones High School, Northeast Jones High School, and South Jones High School in Laurel, MS

Oak Grove High School, Sacred Heart Catholic School, Hattiesburg High School in Hattiesburg, MS

Jones Junior College in Ellisville, MS

Amit, Louisiana, Gulf Coast

Mississippi Airports Association Annual Meeting Natchez, MS May 2013 partnered with recruiting to attend events when invited like Memphis, Jackson, and DeSoto County. Lastly, we give tours to students from preschool age to transfers from junior college. Our efforts have been great considering how short staffed we have been in the last several. With recent hires in our area we hope to be able to expand out recruiting and retention levels.

Related Items

 **SP2.Ind01: Enrollment**

Section IV.a

Brief Description

Narrative

The Department of Commercial Aviation Program Mission is to prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation. Graduates of this program would serve as members of flight crews, air traffic control specialists, and executives with supervisory and managerial responsibilities at all levels.

The Department of Commercial Aviation Program Mission is to prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation. Graduates of this program would serve as members of flight crews, air traffic control specialists, and executives with supervisory and managerial responsibilities at all levels.

The Bachelor of Commercial Aviation is a 124-credit-hour degree program. Undergraduate students may major in Flight Operations or Aviation Management. Upon graduation, Flight Operations majors hold at least a Commercial Pilot Certificate with Airplane Single- and Multi-engine Land and Instrument-Airplane ratings, along with a Flight Instructor Certificate. Both concentrations involve a general education core (English, math, etc.), a commercial aviation core (transportation, aviation law, etc.), and each has specialized degree requirements. Flight Operations majors earn academic credit for flight courses, while Aviation Management Majors take business-related classes that improve management skills. DSU Flight Operations provides part 141 and part 61 training for students enrolled at Delta State University. Flight Training is only available to students of the University, which helps to ensure that students will have plenty of resources for training. The training fleet includes 5 Cessna 172Ps, 5 Cessna 172Rs, 5 Cessna 152s, Cessna 206. For multi-engine training, there are 3 Diamond DA-42 multi-engine aircraft.

The Master of Commercial Aviation program is a 30-hour credit-hour degree program accredited by the Southern Association of Colleges and Schools (SACS) and offered entirely online; some students may not visit the campus until the graduation ceremony. This program is especially popular with professionals already established in aviation careers, since they can complete degree requirements on their own schedule.

Section IV.b

Comparative data

Enrollment, CHP, majors, graduation rates, expenditures, trends, etc.

Narrative

[Trend data for Commercial Aviation for 2009-2013](#)

Section IV.c

Diversity Compliance Initiatives and Progress

Narrative

The Department of Commercial Aviation has an ongoing Unit Goal to seek to recruit more diverse student population in the Department of Commercial Aviation in five years by 20%. Additionally, The Department has an ongoing Unit Goal to seek and recruit more diverse faculty and staff in Commercial Aviation.

Section IV.d

Economic Development Initiatives and Progress

Judgment

Meets Standards Does Not Meet Standards Not Applicable

Narrative

The Aviation Department had an open house for perspective students and their parents. 30 perspective students and parents attended the Spring 2013 session. To date 12 have registered for the Fall that attended the open house. We noticed and increased number of Juniors that attend this event when comparing to years past. We hope to attract them for the next event and enroll once they complete High school.

Section IV.e

Grants, Contracts, Partnerships, Other Accomplishments

Judgment

Meets Standards Does Not Meet Standards Not Applicable

Narrative

The Department of Commercial Aviation at DSU entered into a Guaranteed Interview Agreement with Express Jet for Flight Operations majors that meet the requirements outlines in the attached document. This is a partnership that will give an opportunity to students to know they have an interview after their training at DSU. This give a bit more secure in an ever changing field.

Section IV.h

Committees Reporting To Unit

Each unit includes in the annual plan and report a list of the committees whose work impacts that unit or any other aspect of the university; along with the list will be a notation documenting the repository location of the committee files and records. Committee actions affecting the unit's goals may be noted in other applicable sections of the annual reports. Not required to be included in the unit's annual plan and report, but required to be maintained in the repository location, will be a committee file that includes, for each committee: Mission and by-laws, Membership, Process, Minutes.

Narrative

The Department of Commercial Aviation is a small department in which all faculty and instructional staff (Director of Flight/Assistant Chief Flight Instructors/Staff Flight Instructors) attend departmental meetings. Additionally the this body serves as the curriculum committee. Specifically members in 2012-2013 were Dr. Julie Speakes (chair of the curriculum committee), Brett Oleis, Sam Washington, Chip Cooper, Trey Rayburn, and Rogel Campbell. Additionally members will be Matt Mabus and Chad Jones and another faculty person once hired. The minutes are taken and recorded by the departmental secretary. In her absence the minutes were taken by the department chair.

Section V.a

Faculty (Accomplishments)

Noteworthy activities and accomplishments

Narrative

Mr. Brett Oleis, Instructor of Commercial Aviation, serves as a member of the Cleveland Municipal Airport board. Additionally, Mr. Oleis is an FAA FAST Team member who co presented the following presentation:

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FAA Safety Team Pilot & CFI Workshop Module #7 Co-Presenter Theo Mavridoglou
“The Importance of Effective Teaching and Flight Reviews”
Facilitator and Presenter for this event.

Presented: “Effective Teaching – Ethics and Professionalism”
FAA Safety Team Pilot & CFI Workshop #6 Co-Presenter Jonathan Hildebrant
Airworthiness Limitations
Facilitator and Presenter for this event.
Presented: Where do they Really come from?

Mr. Oleis is the CAV representative for Faculty Senate and Past President of the Faculty Senate. Mr. Oleis is the faculty advisor to Alpha Eta Rho and is very active in recruiting for the Commercial Aviation Department.

Mr. Samuel L. Washington, Instructor of Commercial Aviation, serves on the boards of the Cleveland Municipal Airport as well as the Mississippi Airport Association. Mr. Washington also works with the Civil Air Patrol in Cleveland. Mr. Washington serves on the Door Field project to restore Dorr Field in Merigold, MS. Lastly, is very active in recruiting for the Commercial Aviation Department.

Mr. Trey Rayburn, Instructor of Commercial Aviation (50%) divides his time between the airport an Assistant Chief Flight Instructor (50%). Completed FAA online training through FAASAFETY.GOV

- FAAST (FAA Safety Team) Representative training completed 4/11/2013
- Aviate-Navigate-Communicate 3/4/2013
- The Art of Aeronautical Decision-Making 2/22/2013

Mr. Rayburn was Recognized by the National Association of Flight Instructors (NAFI) for 13 years of service as a Certified Flight Instructor. FAA Ratings earned with in the last academic year by Mr. Rayburn include the Multi-Engine (MEI) Instructor 12/15/2013 and the

- Advanced Ground Instructor Certificate (AGI) 6/14/2013. Mr. Rayburn is enrolled in the Ed.D Higher Education track at DSU for fall 2013. Mr. Rayburn is very active in recruiting for the Commercial Aviation Department.

Section V.b

Staff (Accomplishments)

Narrative

Mr. Chip Cooper, Director of Flight Operations attended the Mississippi Flight Standards Inspection Authorization conference and recurrent training. Mr. Cooper also attended the DPE and ACR training for the Mississippi Flight Standards Authorization conference. Mr. Cooper attended 2 sessions of FAA Flight Instructor renewals program. In February 2013 Mr. Cooper completed National Incident management Systems (MIMS) level 400 training. Mr. Cooper took over all purchasing requests, billing, payments, to keep the Department of Commercial Aviation running efficiently from May 1 to present while the department secretary is on FMLA without any additional compensation.

Mr. Rogel Campbell, Staff Flight Instructor, rejoined CAV Department in June 2013. Mr. Campbell is a Part 141 Flight Instructor with examining authority for the Private Pilot and the Instrument rating. Mr. Campbell

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recently earned his Multi-Engine Flight Instructor Rating. Mr. Campbell will continue the Master of Commercial Aviation degree this Fall.

Mr. Mark Cummins, aircraft mechanic, has attended and completed the following: Federal Aviation Administration Inspection Authorization refresher course @ Hinds Community College (2/13).

Mr. Phillip Kranser, Flight dispatcher, joined DSU April 2013. Mr. Kranser came to DSU from the industry flying FAA Part 135 that included seaplane flying. Mr. Kranser has also taking over additional duties with the absence of the departmental secretary. Specifically, Mr. Kranser has taken over the clerical duties and is now a test center proctor and back up test center supervisor without additional compensation. Mr. Kranser proctored ten test. Of the ten tests nine were of the Public while one was for a DSU student. Additionally, Mr. Kranser serves as a part-time flight instructor out side of his 40 hour work week to help out an needed. Mr. Kranser is Part 141 certified Flight Instructor with 4700 flight hours.

Mr. John Little, aircraft mechanic, completed Federal Aviation Administration Inspection Authorization refresher course @ Hinds Community College (2/13).

MSheila Millican, Senior Secretary/ Test Center Supervisor for Commercial Aviation. Shelia Millican proctored/supervised 125 tests in the PSI/Laser grade Testing Center in Gibson-Gunn. Of those 125 tests, 47 tests were for DSU students while 78 tests were for the public. Ms. Millican has been on FMLA from May 1 to the present and is expected back to in October. Her duties were divided between Phillip Kranser, Chip Cooper, and Julie Speakes. Additionally Rebecca Hochradel, Chair of Marketing, Management, and Business Administration has been named the Test Center Supervisor with Philip Kranser as the back up Test Center Supervisor. Julie Speakes is also serving as a test center supervisor however, cannot serve permanently because of she issues the Pilot certificates and Ratings for the FAA. Ms. Millican was removed as the Test Center Supervisor. Rebecca Hochradel will remain the Test Center Superior and Phillip Kranser will remain as the back up test center supervisor.

Section V.c Administrators (accomplishments)

Dr. Julie Speakes, Department of Commercial Aviation, Chair & Professor currently serves on the Aviation Accreditation Board International as a Educator member who also serves on the accreditation committee, a Accreditation team member, and Accreditation team Chair. Additionally, Speakes is the president elect for the University Aviation Association and will step into the role as president November 2013. Below are selected examples of teaching, research, service, and leadership for the 2012-2013.

Teaching

Course load includes teaching Master of Commercial Aviation on-line courses in Blackboard/Canvas Aviation Law and Regulatory Environment, Advanced Aviation Safety, and Special Projects in Aviation Business Administration, 2011 to present. Additionally, Speakes' taught various undergraduate courses as needed while short staffed due to a death in the department.

Service to Aviation Community

Aviation Accreditation Board International, 2006 to present
Accreditation Committee Member 2012 to present

Delta State University FY2013 Unit Level Report

Department: Commercial Aviation

Educator Board Member, 2008 to present
Graduate Education Committee, 2007 to 2012
Accreditation Educator Visiting Team member, 2011 to present
Industry Educator Panel Forum, 2007 to 2008
University Aviation Association, 2006 to present
President Elect, 2012 to present
Membership Committee Chair, 2008 to present
Planning Committee, 2006 to present

Institutional service for 2012-2013

QEP Committee 2012 to present

Co-authored the Literature Review for the QEP Cultural Awareness/Competency
LMS Selection Committee 2012 to present.

Promotion and Tenure Committee 2011 to present.

FAA Airman Certification Representative for Delta State University.

College of Business COBALT 2009 to present.

Honors Program Faculty Advisory Council 2009 to present.

Health and Wellness Committee 2009 to present.

Chair, Department of Commercial Aviation 2009 to present.

made the following presentations:

Internships/Hiring in Aviation Lunch and Learn for Department of Commercial Aviation, DSU, March 2013
Publish or Perish Educational Session, Co presenter with Dr. Daniel Prather, University Aviation Association
Annual Meeting, Murfreesboro, TN September, 2012

attended the following professional meetings:

Aviation Accreditation Board International Summer Conference, Kansas City, Mo, July 2013

Women in Aviation International Nashville, TN March, 2013

Aviation Accreditation Board International Winter Meeting, Auburn, AL February, 2013

University Aviation Association Annual Meeting, Murfreesboro, TN, September, 2012.

X. PROFESSIONAL GROWTH ACTIVITIES:

Competed proctor qualification for PSI/Lasergrade, May 2013

Completed Test Center Supervisor qualifications for PSI/Lasergrade, May 2013

TSA Flight School Security Awareness Training, January, 2013

FAA Airman Certification Representative Training for Delta State University, November, 2012

Competed proctor qualification for PSI/Lasergrade, August, 2012

Renew FAA Certified Flight Instructor Gold Seal Rating, July, 2012

Section VI.a

Changes Made in the Past Year

Narrative

Changes made in the past year: The FAA Flight Syllabus were revised to incorporate the new aircraft and the order in which the students complete the courses. Specifically, by adding the DA-42 multi engine aircraft and

Delta State University FY2013 Unit Level Report

Department: Commercial Aviation

retiring our C-172 RG/ BE-76s aircraft the FAA syllabus had to be revised to meet the FAA TCO. These were approved in June 2013 for the Fall 2013 semester.

Additionally, the the private pilot syllabus was written to move the solo portion of the lessons to the end of the course for better retention on the first time private pilot students. We had the first test case complete this syllabus successfully in Summer School.

Recommended changes for the coming year(s):

We are implementing a new track in Aviation Management track for Logistics.

We are hoping to sign a 2+2 agreement with University North Alabama to infuse International Students into the CAV department.

Additionally, we plan to implement a dispatcher license program as suggested by our stakeholders in the airline industry.

In Fall 2013, The CAV has a program review scheduled by The University Aviation Association. Additionally, The CAV programs will start a self-study for the Aviation Accreditation Board International (AABI). The AABI cite visit is planned for Fall 2014. This accreditation will open up more bridge programs and hiring programs with the airlines and aviation industry.

Section VI.b

Recommended Changes for the Coming Year

Narrative

Recommended changes for the coming year(s):

We are implementing a new track in Aviation Management track for Logistics.

We are hoping to sign a 2+2 agreement with University North Alabama to infuse International Students into the CAV department.

Additionally, we plan to implement a dispatcher license program as suggested by our stakeholders in the airline industry.

In Fall 2013, The CAV has a program review scheduled by The University Aviation Association. Additionally, The CAV programs will start a self-study for the Aviation Accreditation Board International (AABI). The AABI cite visit is planned for Fall 2014. This accreditation will open up more bridge programs and hiring programs with the airlines and aviation industry.

Date Submitted: (or Resubmitted)	01/28/2013 Approved by	Term Submitted:	Spring 2013
Course Number:	CAV 380	# of Sections:	1
Course Name:	Air Transportation	# of Students:	23
Division:	Aviation Management	Participating Faculty:	Samuel L. Washington
Form Submitted by:	Samuel L. Washington		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

- To prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Students will demonstrate knowledge of the air transportation system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	85 % of students scored 70 or higher on examination questions, MET ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.
1	2) Students will examine the history and development of the air transportation system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.
1	3) Students will recognize and explain the hub-and-spoke system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.
1	4) Students will be able to differentiate management organizations within the air transportation system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
			4) Professor.		
1	5) Students will be able to identify marketing concepts used by airlines.	Examination questions	1) 85 percent of students taking course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.
1	6) Students will analyze airline scheduling systems	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.

Attachments of Methods of Assessments: Examination questions
CAV 380: Course Learning Outcomes Assessment Plan.

Comments:

Division Chair Signature

_____ Date:

Assessment Committee Chair Signature

_____ Date:

Vice President of Academic Affairs Signature

_____ Date:

Date Submitted: (or Resubmitted)	01/28/2013 Approved by	Term Submitted:	Spring 2013
Course Number:	CAV 382	# of Sections:	1
Course Name:	Airport Management	# of Students:	13
Division:	Aviation Management	Participating Faculty:	Samuel L. Washington
Form Submitted by:	Samuel L. Washington		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

- To prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Students will demonstrate knowledge of airport systems and organization	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be modified and learning outcomes changed to better measure student learning and understanding.
2	2) Students will name and discuss various components of the airport environment	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be modified and learning outcomes changed to better measure student learning and understanding.
3	3) Students will interpret airport administration and finances.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be modified and learning outcomes changed to better measure student learning and understanding.
4	4) Students will be able to analyze airport capacity and its effects on operations.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course.	100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be modified and learning outcomes changed to better measure student learning and understanding.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
			4) Professor.		

Attachments of Methods of Assessments: Examination questions

CAV 382: Course Learning Outcomes Assessment Plan.

Comments:

Division Chair Signature

_____ Date:

Assessment Committee Chair Signature

_____ Date:

Vice President of Academic Affairs Signature

_____ Date:

Date Submitted: (or Resubmitted)	6/19/2012 12/14/2012	Term Submitted:	Fall, 2012
Course Number:	41157 CAV 372	# of Sections:	1
Course Name:	Aviation Safety	# of Students:	16
Division:	Commercial Aviation	Participating Faculty:	Samuel L. Washington
Form Submitted by:	Samuel L. Washington		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

- To prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Describe the basic concepts of building an aviation safety program.	Examination questions	1) 80 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on prepared tests. EXCEEDS ASSESSMENT GOALS	Continue to add content to curriculum to further enhance the offering. Goal of 85% passing rate for next fall.
1	2) Describe the process that NTSB uses in an accident investigation.	Examination questions	1) 80 percent of students taking the course will complete the examination questions with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on prepared tests. EXCEEDS ASSESSMENT GOALS	Continue to add content to curriculum to further enhance the offering. Goal of 85% passing rate for next fall.
1	3) Explain how Human factors affect aviation safety.	Research Project	1) 80 percent of students taking the course will complete the project with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	94% of students scored 70 or higher on prepared tests. EXCEEDS ASSESSMENT GOALS	Further refine the project to allow students an even more in-depth look at human factors in the industry.

Attachments of Methods of Assessments: None

41157 CAV 372: Course Learning Outcomes Assessment Plan.

Comments:

Division Chair Signature

Date:

Assessment Committee Chair Signature

Date:

Vice President of Academic Affairs Signature

Date:

Date Submitted: (or Resubmitted)	01/28/2013 Approved by	Term Submitted:	Spring 2013
Course Number:	CAV 380	# of Sections:	1
Course Name:	Air Transportation	# of Students:	23
Division:	Aviation Management	Participating Faculty:	Samuel L. Washington
Form Submitted by:	Samuel L. Washington		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

- To prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Students will demonstrate knowledge of the air transportation system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	85 % of students scored 70 or higher on examination questions, MET ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.
1	2) Students will examine the history and development of the air transportation system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.
1	3) Students will recognize and explain the hub-and-spoke system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.
1	4) Students will be able to differentiate management organizations within the air transportation system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
			4) Professor.		
1	5) Students will be able to identify marketing concepts used by airlines.	Examination questions	1) 85 percent of students taking course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.
1	6) Students will analyze airline scheduling systems	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	More than 85% but less than 90% scored 70 or higher on examination questions, EXCEEDS ASSESSMENT GOAL	The curriculum will be updated and learning outcomes modified to better assess student learning and understanding.

Attachments of Methods of Assessments: Examination questions
CAV 380: Course Learning Outcomes Assessment Plan.

Comments:

Division Chair Signature

_____ Date:

Assessment Committee Chair Signature

_____ Date:

Vice President of Academic Affairs Signature

_____ Date:

Date Submitted: (or Resubmitted)	01/28/2013 Approved by	Term Submitted:	Spring 2013
Course Number:	CAV 382	# of Sections:	1
Course Name:	Airport Management	# of Students:	13
Division:	Aviation Management	Participating Faculty:	Samuel L. Washington
Form Submitted by:	Samuel L. Washington		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

- To prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Students will demonstrate knowledge of airport systems and organization	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be modified and learning outcomes changed to better measure student learning and understanding.
2	2) Students will name and discuss various components of the airport environment	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be modified and learning outcomes changed to better measure student learning and understanding.
3	3) Students will interpret airport administration and finances.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be modified and learning outcomes changed to better measure student learning and understanding.
4	4) Students will be able to analyze airport capacity and its effects on operations.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course.	100% of students scored 70 or higher on final exam questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be modified and learning outcomes changed to better measure student learning and understanding.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
			4) Professor.		

Attachments of Methods of Assessments: Examination questions

CAV 382: Course Learning Outcomes Assessment Plan.

Comments:

Division Chair Signature

_____ Date:

Assessment Committee Chair Signature

_____ Date:

Vice President of Academic Affairs Signature

_____ Date:

Date Submitted: (or Resubmitted)	01/28/2013 Approved by	Term Submitted:	Spring 2013
Course Number:	CAV 381	# of Sections:	1
Course Name:	Air Traffic Administration	# of Students:	15
Division:	Aviation Management	Participating Faculty:	Samuel L. Washington
Form Submitted by:	Samuel L. Washington		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

- To prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Students will demonstrate knowledge of ATC history.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final examination questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.
1	2) Students will be able to name and discuss various components of the ATC system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final examination questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.
1	3) Students will be able to demonstrate proper communication techniques within the ATC system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final examination questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.
1	4) Students will be able to compare and contrast the benefits and drawbacks associated with the ATC system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course.	100% of students scored 70 or higher on final examination questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.

* Include: 1) the level of expected performance; 2) who will be assessed; 3) when assessment takes place; 4) who will conduct and interpret assessment

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
			4) Professor.		
1	5) Students will demonstrate knowledge of ATC regulations and how to apply them.	Examination questions	1) 85 percent of students taking course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final examination questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.
1	6) Students will demonstrate knowledge of techniques to minimize accident potential within the ATC system.	Examination questions	1) 85 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) End of course. 4) Professor.	100% of students scored 70 or higher on final examination questions, EXCEEDS ASSESSMENT GOAL	Curriculum will be revised and learning outcomes updated for the next term to get a clearer picture of student learning and understanding.

Attachments of Methods of Assessments: Examination questions
CAV 381: Course Learning Outcomes Assessment Plan.

Comments:

Division Chair Signature

_____ Date:

Assessment Committee Chair Signature

_____ Date:

Vice President of Academic Affairs Signature

_____ Date:

Date Submitted: (or Resubmitted)	09/01/2012 12/18/2012	Term Submitted:	Fall, 2012
Course Number:	41148 CAV - 352	# of Sections:	1
Course Name:	Commercial Pilot Ground	# of Students:	7
Division:	Commercial Aviation Flight Operations	Participating Faculty:	Brett Oleis
Form Submitted by:	Brett Oleis		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

- To prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Explain aircraft systems related to High Performance Powerplants, Constant Speed Propellers.	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	2) Explain aircraft systems Constant Speed Propellers.	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded final exam test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	3) Demonstrate an understanding of the Environmental Systems	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded test question on test II, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	4) Demonstrate an understanding of the Retractable Landing Gear.	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded final exam test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	5) Demonstrate an understanding of the Aircraft Performance Charts and Graphs.	Embedded test questions	1. 75% of students will pass the assessment with a 90%. 2. Students. 3. End of Course. 4. Professor.	Embedded test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	6) Demonstrate an understanding of the Emergency Procedures	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	7) Demonstrate an understanding of the Commercial Maneuvers.	Oral Assessment.	1. 75% of students will pass the assessment with a 90%. 2. Students. 3. End of Course. 4. Professor.	Was unsuccessful. 75% of the class was unsuccessful at scoring a 90% on the embedded test question.	Will need to spend more time on this are. May be a good idea to introduce the information earlier in the semester as it is the last chapter to be covered.

Comments:

Division Chair Signature

_____ Date:

Assessment Committee Chair Signature

_____ Date:

Vice President of Academic Affairs Signature

_____ Date:

Date Submitted: (or Resubmitted)	05/06/2013	Term Submitted:	Spring 2013
Course Number:	CAV 352	# of Sections:	1
Course Name:	Commercial Pilot Ground	# of Students:	2
Division:	Commercial Aviation	Participating Faculty:	Larry Rayburn
Form Submitted by:	Larry Rayburn		

Course Description:

This course covers the procedures, operations, and regulations necessary to prepare the student for the FAA Commercial Pilot Airplane written examination.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	Students will be able to recognize differences in complex and high performance airplanes	Short answer written test	1) 75 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) Completion of unit. 4) Instructor.	Learning outcome was met with 100% success.	Have a class meeting or two at the airport incorporating a preflight and systems review using the C206 and DA42.
2	Students will be able to interpret weight/balance charts, takeoff distance charts, and landing distance charts. Students will also be able to analyze the effects of load on aerodynamic stability	Written test using advanced calculations involving performance charts	1) 75 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) Completion of unit. 4) Instructor.	Learning outcome was met with 100% success.	Put more emphasis on calculations using the takeoff, landing, and cruise performance charts.
3	Students will be able to assess the following aeronautical decision making tools: DECIDE model, I'M SAFE checklist, 3P model	Scenario based written exam requiring critical thinking	1) 75 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) Completion of unit. 4) Instructor.	Learning outcome was met with 100% success.	Incorporate the use of www.faa.gov and its aeronautical decision making courses into the syllabus.
4	Students will be able to interpret applicable FAR's pertinent to commercial pilot operations and discuss the required commercial maneuvers and PTS	Comprehensive final testing this unit and the previous 3	1) 75 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) Completion of unit.	Learning outcome was met with 100% success.	Have the students do a presentation using visual aids to describe the required flight maneuvers for the commercial pilot check ride.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
			4) Instructor.		

Comments:

Division Chair Signature

_____ Date: _____

Assessment Committee Chair Signature

_____ Date: _____

Vice President of Academic Affairs Signature

_____ Date: _____

Date Submitted: (or Resubmitted)	05/06/2013	Term Submitted:	Spring 2013
Course Number:	CAV 352	# of Sections:	1
Course Name:	Commercial Pilot Ground	# of Students:	2
Division:	Commercial Aviation	Participating Faculty:	Larry Rayburn
Form Submitted by:	Larry Rayburn		

Course Description:

This course covers the procedures, operations, and regulations necessary to prepare the student for the FAA Commercial Pilot Airplane written examination.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	Students will be able to recognize differences in complex and high performance airplanes	Short answer written test	1) 75 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) Completion of unit. 4) Instructor.	Learning outcome was met with 100% success.	Have a class meeting or two at the airport incorporating a preflight and systems review using the C206 and DA42.
2	Students will be able to interpret weight/balance charts, takeoff distance charts, and landing distance charts. Students will also be able to analyze the effects of load on aerodynamic stability	Written test using advanced calculations involving performance charts	1) 75 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) Completion of unit. 4) Instructor.	Learning outcome was met with 100% success.	Put more emphasis on calculations using the takeoff, landing, and cruise performance charts.
3	Students will be able to assess the following aeronautical decision making tools: DECIDE model, I'M SAFE checklist, 3P model	Scenario based written exam requiring critical thinking	1) 75 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) Completion of unit. 4) Instructor.	Learning outcome was met with 100% success.	Incorporate the use of www.faa.gov and its aeronautical decision making courses into the syllabus.
4	Students will be able to interpret applicable FAR's pertinent to commercial pilot operations and discuss the required commercial maneuvers and PTS	Comprehensive final testing this unit and the previous 3	1) 75 percent of students taking the course will complete the examination question(s) with a 70 percent or higher. 2) Students. 3) Completion of unit.	Learning outcome was met with 100% success.	Have the students do a presentation using visual aids to describe the required flight maneuvers for the commercial pilot check ride.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
			4) Instructor.		

Comments:

Division Chair Signature

_____ Date: _____

Assessment Committee Chair Signature

_____ Date: _____

Vice President of Academic Affairs Signature

_____ Date: _____

Date Submitted: (or Resubmitted)	09/01/2012 12/18/2012	Term Submitted:	Fall, 2012
Course Number:	41148 CAV - 352	# of Sections:	1
Course Name:	Commercial Pilot Ground	# of Students:	7
Division:	Commercial Aviation Flight Operations	Participating Faculty:	Brett Oleis
Form Submitted by:	Brett Oleis		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

1. To prepare students for a variety of opportunities in the aviation industry: the airlines, aircraft manufacturing, airport management, air traffic control, and military aviation.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Explain aircraft systems related to High Performance Powerplants, Constant Speed Propellers.	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	2) Explain aircraft systems Constant Speed Propellers.	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded final exam test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	3) Demonstrate an understanding of the Environmental Systems	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded test question on test II, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	4) Demonstrate an understanding of the Retractable Landing Gear.	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded final exam test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	5) Demonstrate an understanding of the Aircraft Performance Charts and Graphs.	Embedded test questions	1. 75% of students will pass the assessment with a 90%. 2. Students. 3. End of Course. 4. Professor.	Embedded test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	6) Demonstrate an understanding of the Emergency Procedures	Embedded test questions	1) 80% of students taking the course will identify the components on a test with a 70% or higher. 2) Students. 3) End of course. 4) Professor.	Embedded test question, revealed that 80+% of the class understood and mastered the material.	Continue as presently going
1	7) Demonstrate an understanding of the Commercial Maneuvers.	Oral Assessment.	1. 75% of students will pass the assessment with a 90%. 2. Students. 3. End of Course. 4. Professor.	Was unsuccessful. 75% of the class was unsuccessful at scoring a 90% on the embedded test question.	Will need to spend more time on this are. May be a good idea to introduce the information earlier in the semester as it is the last chapter to be covered.

Comments:

Division Chair Signature

_____ Date:

Assessment Committee Chair Signature

_____ Date:

Vice President of Academic Affairs Signature

_____ Date:

Date Submitted: (or Resubmitted)	4/11/13	Term Submitted:	Fall 2012
Course Number:	CAV 650	# of Sections:	1
Course Name:	Fixed Base Operations	# of Students:	26
Department:	Commercial Aviation	Participating Faculty:	C. Daniel Prather
Form Submitted by:	C. Daniel Prather		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

- To prepare students for a variety of opportunities in the aviation industry by allowing them to develop a deeper understanding of the nature of FBOs, and focus on the operation, marketing, and management of FBOs.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Articulate the role of the fixed base operator in the aviation system.	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students. 3) End of course. 4) Professor.	95% of students fully participated in 15 weeks of on-line discussions and 89% of students answered all chapter review questions.	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	2) Understand pertinent management concepts applicable to the field of FBO management.	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students. 3) End of course. 4) Professor.	95% of students fully participated in 15 weeks of on-line discussions and 89% of students answered all chapter review questions	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	3) Recognize successful marketing strategies and discuss the most effective manner in which to market the services of an FBO.	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students. 3) End of course. 4) Professor.	95% of students fully participated in 15 weeks of on-line discussions and 89% of students answered all chapter review questions	. Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	4) Acquire a working knowledge of financial concepts appropriate to the FBO business.	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students.	95% of students fully participated in 15 weeks of on-line discussions and 89% of students answered all chapter review questions	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
			3) End of course. 4) Professor.		line discussions and chapter review questions.
1	5) Apply effective human resource skills to the management of FBO employees.	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students. 3) End of course. 4) Professor.	95% of students fully participated in 15 weeks of on-line discussions and 89% of students answered all chapter review questions	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	6) Discuss the organization of a typical FBO, including administration and operations.	Chapter review questions, discussion, final exam, FBO paper.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions & 90% of students will adequately complete the assigned FBO paper. 2) Students. 3) End of course. 4) Professor.	95% of students fully participated in 15 weeks of on-line discussions and 89% of students answered all chapter review questions	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	7) Share with others why proper maintenance, safety, and security are necessary to the FBO manager.	Chapter review questions, discussion, final exam, FBO paper.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions 90% of students will adequately complete the assigned FBO paper. 2) Students. 3) End of course. 4) Professor.	95% of students fully participated in 15 weeks of on-line discussions and 89% of students answered all chapter review questions	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	8) Apply the various managerial concepts learned in class to solving real-world issues and problems encountered by FBO managers.	Chapter review questions, discussion, final exam, FBO paper.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions 90% of students will adequately complete the assigned FBO paper. 2) Students. 3) End of course. 4) Professor.	95% of students fully participated in 15 weeks of on-line discussions and 89% of students answered all chapter review questions	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.

Attachments of Methods of Assessments:

Comments:

Faculty Signature

C. Daniel Prather

Date: 4/11/13

Department Chair Signature

Date:

Date Submitted: (or Resubmitted)	4/11/13	Term Submitted:	Fall 2012
Course Number:	CAV 610	# of Sections:	1
Course Name:	Advanced Human Factors	# of Students:	21
Department:	Commercial Aviation	Participating Faculty:	C. Daniel Prather
Form Submitted by:	C. Daniel Prather		

Unit Goals: Please list below each appropriate unit goal with corresponding number. In the matrix, refer to the unit goal by number only.

- To prepare students for a variety of opportunities in the aviation industry by allowing them to develop a deeper understanding of the many factors affecting aviation safety, including the complex interactions that occur between members of the flight crew.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
1	1) Develop a thorough knowledge of human factors.	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students. 3) End of course. 4) Professor.	91% of students fully participated in 15 weeks of on-line discussions and 91% of students answered all chapter review questions.	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	2) Analyze an aircraft accident and the role human factors played in the accident.	Aircraft Accident Analysis Paper	1) 90% of students will fully develop an analysis of their assigned aircraft accident. 2) Students. 3) End of course. 4) Professor.	91% of students fully participated in 15 weeks of on-line discussions and 91% of students answered all chapter review questions.	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	3) Understand the need for a systems approach to aviation safety..	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students. 3) End of course. 4) Professor.	91% of students fully participated in 15 weeks of on-line discussions and 91% of students answered all chapter review questions.	. Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	4) Understand the role of airlines, manufacturers, and governmental agencies in improving aviation safety.	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students. 3) End of course.	91% of students fully participated in 15 weeks of on-line discussions and 91% of students answered all chapter review questions.	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.

Unit Goals	Expected Learning Outcome	Method of Assessment	Assessment Criteria, Standards, and Procedures *(4 parts)	Learning Outcome Assessment Results	Improvement Statement based on Learning Outcome Assessment Results "Use of Results"
			4) Professor.		
1	5) Discuss the best practices in use today to enhance aviation safety.	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students. 3) End of course. 4) Professor.	91% of students fully participated in 15 weeks of on-line discussions and 91% of students answered all chapter review questions..	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.
1	6) Discuss aviation safety and the inherent challenges on a worldwide scale.	Chapter review questions, discussion, final exam.	1) 100% of students will participate in on-line discussion and completely answer all chapter review questions. 2) Students. 3) End of course. 4) Professor.	91% of students fully participated in 15 weeks of on-line discussions and 91% of students answered all chapter review questions.	Students are penalized 5 points off their final course grade if they do not complete 50% of course requirements (including discussions and chapter review questions) prior to mid-term. This will be made more clear in the future to encourage full participation in on-line discussions and chapter review questions.

Attachments of Methods of Assessments:

Comments:

Faculty Signature

C. Daniel Prather

Date: 4/11/13

Department Chair Signature

Date:

Credit Hour Production							
	Summer		Fall		Spring		Total
	UG	GR	UG	GR	UG	GR	
CAV							
AY 2013	24	259	603	219	386	186	1677
AY 2012	11	183	563	258	388	261	1664
AY 2011	28	237	651	255	457	222	1850
AY 2010	27	192	631	213	717	249	2029
AY 2009	39	162	829	213	846	186	2275
AY Totals							
AY 2013	24	259	603	219	386	186	1677
AY 2012	11	183	563	258	388	261	1664
AY 2011	28	237	651	255	457	222	1850
AY 2010	27	192	631	213	717	249	2029
AY 2009	39	162	829	213	846	186	2275

Enrollment by Major						
	Summer		Fall		Spring	
	UG	GR	UG	GR	UG	GR
Aviation Management						
AY 2013	4	0	18	0	19	0
AY 2012	6	0	22	0	21	0
AY 2011	7	0	29	0	23	0
AY 2010	2	0	24	0	25	0
AY 2009	4	0	25	0	24	0
Commercial Aviation						
AY 2013	0	38	0	40	0	35
AY 2012	0	30	0	48	0	43
AY 2011	0	38	0	48	0	45
AY 2010	0	36	0	44	0	51
AY 2009	0	22	0	40	0	37
Flight Operations						
AY 2013	14	0	48	0	43	0
AY 2012	13	0	59	0	42	0
AY 2011	19	0	66	0	52	0
AY 2010	16	0	65	0	63	0
AY 2009	14	0	59	0	57	0
AY Totals						
AY 2013	18	38	66	40	62	35
AY 2012	19	30	81	48	63	43
AY 2011	26	38	95	48	75	45
AY 2010	18	36	89	44	88	51
AY 2009	18	22	84	40	81	37

Graduates				
	<i>Av MGT</i>	<i>Comm AV</i>	<i>Flight Ops</i>	
	<i>BCA</i>	<i>MCA</i>	<i>BCA</i>	<i>Total</i>
<i>AY 2013</i>	7	21	9	37
<i>AY 2012</i>	7	20	11	38
<i>AY 2011</i>	9	23	17	49
<i>AY 2010</i>	4	11	11	26
<i>AY 2009</i>	3	15	16	34

