

Program-Level Assessment Plan

Program: Aeronautics	Degree Level: Bachelor of Science
Department: Aviation Science	College/School: Parks College of Engineering, Aviation and Technology
Date (Month/Year): July 2020	Primary Assessment Contact: Stephen G. Magoc

Note: Each cell in the table below will expand as needed to accommodate your responses.

#	Student Learning Outcomes	Curriculum Mapping	Assessment Methods		Use of Assessment Data
			Student Artifacts (What)	Evaluation Process (How)	
	<p>What do the program faculty expect all students to know or be able to do as a result of completing this program?</p> <p>Note: These should be measurable and manageable in number (typically 4-6 are sufficient).</p>	<p>In which courses will faculty intentionally work to foster some level of student development toward achievement of the outcome? Please clarify the level (e.g., introduced, developed, reinforced, achieved, etc.) at which student development is expected in each course.</p>	<p>Student Artifacts (What)</p> <ol style="list-style-type: none"> Which student artifacts will be used to determine if students have achieved this outcome? In which courses will these artifacts be collected? 	<p>Evaluation Process (How)</p> <ol style="list-style-type: none"> What process will be used to evaluate the student artifacts, and by whom? What tools(s) (e.g., a rubric) will be used in the process? <p>Note: Please include any rubrics as part of the submitted plan documents.</p>	<ol style="list-style-type: none"> How and when will analyzed data be used by faculty to make changes in pedagogy, curriculum design, and/or assessment work? How and when will the program evaluate the impact of assessment-informed changes made in previous years?
A	<p>Apply mathematics, science, and applied sciences to aviation related disciplines.</p>	<p>ASCI 1300 Aviation Weather (Introduced) ASCI 2200 Concepts in Aerodynamics (Developed) ASCI 4650 Economics of Air Transportation (Achieved) ASCI 4900 Senior Seminar (Achieved) FSCI 2250 Instrument Flight Foundations (Achieved) FSCI 2650 Navigation Foundations (Achieved)</p>	<ol style="list-style-type: none"> Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests Student artifacts will be collected from all listed courses. 	<ol style="list-style-type: none"> The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome. The course instructor will use a department rubric when making the evaluation of the student learning outcomes. 	<ol style="list-style-type: none"> The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the

				3. The course instructor will share the course evaluation data with the department faculty during the program assessment process.	department faculty every two years during the department's normal assessment cycle.
B	Analyze and interpret data.	<p>ASCI 1300 Aviation Weather (Introduced)</p> <p>ASCI 1850 Safety Management Systems (Introduced)</p> <p>ASCI 2200 Concepts in Aerodynamics (Reinforced)</p> <p>ASCI 2750 Accident Investigation (Reinforced)</p> <p>ASCI 4450 Aviation Law (Achieved)</p> <p>ASCI 4650 Economics of Air Transportation (Achieved)</p> <p>ASCI 4800 International Aviation (Achieved)</p> <p>ASCI 4900 Senior Seminar (Achieved)</p>	<ol style="list-style-type: none"> 1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests 2. Student artifacts will be collected from all listed courses. 	<ol style="list-style-type: none"> 1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome. 2. The course instructor will use a department rubric when making the evaluation of the student learning outcomes. 3. The course instructor will share the course evaluation data with the department faculty during the program assessment process. 	<ol style="list-style-type: none"> 1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome. 2. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the department faculty every two years during the department's normal assessment cycle.
C	Work effectively on multi-disciplinary and diverse teams.	<p>ASCI 4013 Jet Flying Techniques I Laboratory (Achieved)</p> <p>ASCI 4023 Jet Flying Techniques II Laboratory (Achieved)</p> <p>ASCI 4350 Team Resource Management (Achieved)</p> <p>ASCI 4650 Economics of Air Transportation (Achieved)</p> <p>ASCI 4800 International</p>	<ol style="list-style-type: none"> 1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests 2. Student artifacts will be collected from all listed courses. 	<ol style="list-style-type: none"> 1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome. 2. The course instructor will use a department rubric when making the 	<ol style="list-style-type: none"> 1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome. 2. Reviews of the impact of any such assessment-informed

		Aviation (Achieved)		<p>evaluation of the student learning outcomes.</p> <p>3. The course instructor will share the course evaluation data with the department faculty during the program assessment process.</p>	<p>changes made in previous years will be made by the department faculty every two years during the department's normal assessment cycle.</p>
D	Make professional and ethical decisions.	<p>ASCI 1850 Safety Management Systems (Introduced)</p> <p>ASCI 3100 Air Carrier Operations (Reinforced)</p> <p>ASCI 4012 Jet Flying Techniques I (Achieved)</p> <p>ASCI 4013 Jet Flying Techniques I Laboratory (Achieved)</p> <p>ASCI 4022 Jet Flying Techniques II (Achieved)</p> <p>ASCI 4023 Jet Flying Techniques II Laboratory (Achieved)</p> <p>ASCI 4050 Human Factors (Achieved)</p> <p>ASCI 4250 Professional Ethics and Standards (Achieved)</p> <p>ASCI 4450 Aviation Law (Achieved)</p> <p>ASCI 4900 Senior Seminar (Achieved)</p>	<p>1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests</p> <p>2. Student artifacts will be collected from all listed courses.</p>	<p>1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome.</p> <p>2. The course instructor will use a department rubric when making the evaluation of the student learning outcomes.</p> <p>3. The course instructor will share the course evaluation data with the department faculty during the program assessment process.</p>	<p>1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome.</p> <p>2. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the department faculty every two years during the department's normal assessment cycle.</p>
E	Communicate effectively, using both written and oral communication skills.	<p>ASCI 1010 Professional Orientation (Introduced)</p> <p>ASCI 2250 Aviation and Airport Security (Developed)</p> <p>ASCI 4013 Jet Flying</p>	<p>1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes</p>	<p>1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the</p>	<p>1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design,</p>

		<p>Techniques I Laboratory (Reinforced) ASCI 4023 Jet Flying Techniques II Laboratory (Achieved) ASCI 4050 Human Factors (Achieved) ASCI 4250 Professional Ethics and Standards (Achieved) ASCI 4350 Team Resource Management (Achieved) ASCI 4450 Aviation Law (Achieved) ASCI 4650 Economics of Air Transportation (Achieved) ASCI 4800 International Aviation (Achieved)</p>	<p>Tests</p> <p>2. Student artifacts will be collected from all listed courses.</p>	<p>level required for the student learning outcome.</p> <p>2. The course instructor will use a department rubric when making the evaluation of the student learning outcomes.</p> <p>3. The course instructor will share the course evaluation data with the department faculty during the program assessment process.</p>	<p>and/or assessment work is required for student success in achieving the student learning outcome.</p> <p>2. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the department faculty every two years during the department's normal assessment cycle.</p>
F	Engage in and recognize the need for life-long learning.	<p>ASCI 4250 Professional Ethics and Standards (Achieved) ASCI 4350 Team Resource Management (Achieved) ASCI 4450 Aviation Law (Achieved) ASCI 4800 International Aviation (Achieved)</p>	<p>1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests</p> <p>2. Student artifacts will be collected from all listed courses.</p>	<p>1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome.</p> <p>2. The course instructor will use a department rubric when making the evaluation of the student learning outcomes.</p> <p>3. The course instructor will share the course evaluation data with the department faculty during the program assessment process.</p>	<p>1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome.</p> <p>2. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the department faculty every two years during the department's normal assessment cycle.</p>

G	Assess contemporary issues.	ASCI 1010 Professional Orientation (Introduced) ASCI 1510 The Air Transportation System (Introduced) ASCI 2250 Aviation and Airport Security (Developed) ASCI 3050 Operations and Business Environment of Aviation (Reinforced) ASCI 4250 Professional Ethics and Standards (Achieved) ASCI 4450 Aviation Law (Achieved) ASCI 4650 Economics of Air Transportation (Achieved) ASCI 4900 Senior Seminar (Achieved)	<ol style="list-style-type: none"> 1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests 2. Student artifacts will be collected from all listed courses. 	<ol style="list-style-type: none"> 1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome. 2. The course instructor will use a department rubric when making the evaluation of the student learning outcomes. 3. The course instructor will share the course evaluation data with the department faculty during the program assessment process. 	<ol style="list-style-type: none"> 1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome. 2. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the department faculty every two years during the department's normal assessment cycle.
H	Use the techniques, skills, and modern technology necessary for professional practice.	ASCI 1300 Aviation Weather (Introduced) ASCI 1850 Safety Management Systems (Introduced) ASCI 2200 Concepts in Aerodynamics (Reinforced) ASCI 3010 Jet Transport Systems I (Reinforced) ASCI 3020 Jet Transport Systems II (Reinforced) ASCI 4013 Jet Flying Techniques I Laboratory (Achieved) ASCI 4023 Jet Flying Techniques II Laboratory (Achieved)	<ol style="list-style-type: none"> 1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests 2. Student artifacts will be collected from all listed courses. 	<ol style="list-style-type: none"> 1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome. 2. The course instructor will use a department rubric when making the evaluation of the student learning outcomes. 3. The course instructor will share the course evaluation data with the department faculty 	<ol style="list-style-type: none"> 1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome. 2. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the department faculty every two years during the department's normal assessment cycle.

		ASCI 4650 Economics of Air Transportation (Achieved) FSCI 1150 Flight 1 (Introduced) FSCI 1250 Basic Flight Foundations (Introduced) FSCI 1550 Flight 2 (Developed) FSCI 1560 Flight 2 Transition (Developed) FSCI 2150 Flight 3 (Developed) FSCI 2250 Instrument Flight Foundations (Developed) FSCI2550 Flight 4 (Reinforced) FSCI 2650 Navigation Foundations (Reinforced) FSCI 3550 Flight 5 (Achieved) FSCI 3700 Principles of Flight Instruction (Achieved) FSCI 3750 Flight Instruction Preparation (Achieved)		during the program assessment process.	
I	Assess the national and international aviation environment.	ASCI 1510 The Air Transportation System (Introduced) ASCI 2250 Aviation and Airport Security (Developed) ASCI 4012 Jet Flying Techniques I (Achieved) ASCI 4013 Jet Flying Techniques I Laboratory (Achieved) ASCI 4022 Jet Flying Techniques II (Achieved) ASCI 4023 Jet Flying Techniques II Laboratory (Achieved) ASCI 4050 Human Factors	<ol style="list-style-type: none"> 1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests 2. Student artifacts will be collected from all listed courses. 	<ol style="list-style-type: none"> 1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome. 2. The course instructor will use a department rubric when making the evaluation of the student learning outcomes. 3. The course instructor will share the course evaluation data with the 	<ol style="list-style-type: none"> 1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome. 2. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the department faculty every two years during the department's normal

		(Achieved) ASCI 4450 Aviation Law (Achieved) ASCI 4650 Economics of Air Transportation (Achieved) ASCI 4800 International Aviation (Achieved)		department faculty during the program assessment process.	assessment cycle.
J	Apply pertinent knowledge in identifying and solving problems.	ASCI 1850 Safety Management System (Introduced) ASCI 2750 Accident Investigation (Developed) ASCI 3010 Jet Transport Systems I (Reinforced) ASCI 3020 Jet Transport Systems II (Reinforced) ASCI 3050 Operations and Business Environment of Aviation (Reinforced) ASCI 4050 Human Factors (Achieved) ASCI 4250 Professional Ethics and Standards (Achieved) ASCI 4350 Team Resource Management (Achieved) ASI 4650 Economics of Air Transportation (Achieved) ASCI 4800 International Aviation (Achieved) FSCI 1150 Flight 1 (Introduced) FSCI 1550 Flight 2 (Developed) FSCI 1560 Flight 2 Transition (Developed) FSCI 2150 Flight 3 (Developed) FSCI2550 Flight 4 (Reinforced)	<ol style="list-style-type: none"> 1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests 2. Student artifacts will be collected from all listed courses. 	<ol style="list-style-type: none"> 1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome. 2. The course instructor will use a department rubric when making the evaluation of the student learning outcomes. 3. The course instructor will share the course evaluation data with the department faculty during the program assessment process. 	<ol style="list-style-type: none"> 1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome. 2. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the department faculty every two years during the department's normal assessment cycle.

		FSCI 3550 Flight 5 (Achieved) FSCI 3750 Flight Instruction Preparation (Achieved)			
K	Apply knowledge of business sustainability to aviation issues.	ASCI 3050 Operations and Business Environment of Aviation (Reinforced) ASCI 3100 Air Carrier Operations (Reinforced) ASCI 4250 Professional Ethics and Standards (Achieved) ASCI 4650 Economics of Air Transportation (Achieved)	<ol style="list-style-type: none"> 1. Student artifacts to be used will include, but are not limited to the following: Assignments Quizzes Tests 2. Student artifacts will be collected from all listed courses. 	<ol style="list-style-type: none"> 1. The course instructor will collect samples of the student artifacts and evaluate them to determine if the students in the course meet the level required for the student learning outcome. 2. The course instructor will use a department rubric when making the evaluation of the student learning outcomes. 3. The course instructor will share the course evaluation data with the department faculty during the program assessment process. 	<ol style="list-style-type: none"> 1. The rubrics and sample evidence from the courses will be used by the department faculty to determine if changes to pedagogy, curriculum design, and/or assessment work is required for student success in achieving the student learning outcome. 2. Reviews of the impact of any such assessment-informed changes made in previous years will be made by the department faculty every two years during the department's normal assessment cycle.

Additional Questions

1. On what schedule/cycle will faculty assess each of the program's student learning outcomes? (Note: It is not recommended to try to assess every outcome every year.)

In the fall of 2019, the Department revised its assessment of the Undergraduate B.S. in Aeronautics program to include the assessment of the student learning outcomes over a two-year period. The program's student learning outcomes will be assessed on this two-year cycle which will allow for a complete assessment of all program student learning outcomes during the cycle. The assessment schedule is detailed as follows.

The program student learning outcomes will be assessed on a two-year cycle that allows for a complete assessment of all program student learning outcomes during the cycle.

Student Learning Outcome	Assessment Period	Assessment Period	Assessment Period
A. Apply mathematics, science, and applied sciences to aviation related disciplines.	Fall 2019	Fall 2021	Fall 2023
B. Analyze and interpret data.	Fall 2019	Fall 2021	Fall 2023
C. Work effectively on multi-disciplinary and diverse teams.	Fall 2019	Fall 2021	Fall 2023
D. Make professional and ethical decisions.	Spring 2020	Spring 2022	Spring 2024
E. Communicate effectively, using both written and oral communication skills.	Spring 2020	Spring 2022	Spring 2024
F. Engage in and recognize the need for life-long learning.	Spring 2020	Spring 2022	Spring 2024
G. Assess contemporary issues.	Fall 2020	Fall 2022	Fall 2024
H. Use the techniques, skills, and modern technology necessary for professional practice.	Fall 2020	Fall 2022	Fall 2024
I. Assess the national and international aviation environment.	Fall 2020	Fall 2022	Fall 2024
J. Apply pertinent knowledge in identifying and solving problems.	Spring 2021	Spring 2023	Spring 2025
K. Apply knowledge of business sustainability to aviation issues.	Spring 2021	Spring 2023	Spring 2025

2. Describe how, and the extent to which, program faculty contributed to the development of this plan.

The entire faculty of the Department of Aviation Science met at the end of the fall 2019 and spring 2020 semesters to discuss the past semester’s course activities and to assess the student learning outcomes of the B.S. in Aeronautics program. Although a course instructor presents each of his/her courses taught, any of the faculty members may recommend changes to the pedagogy, curriculum design, and/or assignments and tests given to the student that are subsequently used in the assessment process.

IMPORTANT: Please remember to submit any rubrics or other assessment tools along with this plan.

Undergraduate Course Assessment Form

Course: ASCI 1010 Professional Orientation

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
E. Communicate effectively using both written and oral Communication skills.		
G. Assess contemporary issues.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 1300 Aviation Weather

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
A. Apply mathematics, science and applied science to aviation related disciplines.		
B. Analyze and interpret data.		
H. Use the techniques, skills and modern technology necessary for professional practice.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

** Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 1510 The Air Transportation System

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
G. Assess contemporary issues.		
I. Assess the national and international aviation environment.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 1850 Safety Management Systems

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
B. Analyze and interpret data.		
D. Make professional and ethical decisions.		
H. Use the technology, skills and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 2200 Concepts in Aerodynamics

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
A. Apply mathematics, science, and applied sciences to aviation-related disciplines.		
B. Analyze and interpret data.		
H. Use the techniques, skills, and modern technology necessary for professional practice.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 2250 Aviation and Airport Security
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
G. Assess contemporary issues.		
I. Assess the national and international aviation environment.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 2750 Accident Investigation

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
B. Analyze and interpret data.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 3010 Jet Transport Systems I

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

** Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 3020 Jet Transport Systems II

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 3050 Operations and Business Environment of Aviation

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
J. Apply pertinent knowledge in identifying and solving problems.		
K. Apply knowledge of business sustainability to aviation issues.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 3062 Turbine Aircraft Transition

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
A. Apply mathematics, science, and applied sciences to aviation-related disciplines.		
C. Work effectively on multi-disciplinary and diverse teams.		
H. Use the techniques, skills, and modern technology necessary for professional practice.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 3100 Air Carrier Operations

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
D. Make professional and ethical decisions.		
K. Apply knowledge of business sustainability to aviation issues.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

** Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4012 Jet Flying Techniques I

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
D. Make professional and ethical decisions.		
I. Assess the national and international aviation environment.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

** Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4013 Jet Flying Techniques I Laboratory

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4022 Jet Flying Techniques II

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
D. Make professional and ethical decisions.		
I. Assess the national and international aviation environment.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

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Undergraduate Course Assessment Form

Course: ASCI 4023 Jet Flying Techniques II Laboratory

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
C. Work effectively on multi-disciplinary and diverse teams.		
D. Make professional and ethical decisions.		
H. Use the techniques, skills, and modern technology necessary for professional practice.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4050 Human Factors
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
B. Analyze and interpret data.		
C. Work effectively on multi-disciplinary and diverse teams.		
D. Make professional and ethical decisions.		
E. Communicate effectively, using both written and oral communication skills.		
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4250 Professional Ethics and Standards

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
D. Make professional and ethical decisions.		
E. Communicate effectively, using both written and oral communication skills.		
F. Engage in and recognize the need for life-long learning.		
G. Assess contemporary issues.		
J. Apply pertinent knowledge in identifying and solving problems.		
K. Apply knowledge of business sustainability to aviation issues.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

** Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4350 Team Resource Management

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
C. Work effectively on multi-disciplinary and diverse teams.		
E. Communicate effectively, using both written and oral communication skills.		
F. Engage in and recognize the need for life-long learning.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4450 Aviation Law
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
B. Analyze and interpret data.		
D. Make professional and ethical decisions.		
E. Communicate effectively, using both written and oral communication skills.		
F. Engage in and recognize the need for life-long learning.		
G. Assess contemporary issues.		
I. Assess the national and international aviation environment.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4650 Economics of Air Transportation

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
A. Apply mathematics, science, and applied sciences to aviation-related disciplines.		
B. Analyze and interpret data.		
C. Work effectively on multi-disciplinary and diverse teams.		
E. Communicate effectively, using both written and oral communication skills.		
F. Engage in and recognize the need for life-long learning.		
G. Assess contemporary issues.		
H. Use the techniques, skills, and modern technology necessary for professional practice.		
I. Assess the national and international aviation environment.		
J. Apply pertinent knowledge in identifying and solving problems.		
K. Apply knowledge of business sustainability to aviation issues.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4800 International Aviation
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
B. Analyze and interpret data.		
C. Work effectively on multi-disciplinary and diverse teams.		
E. Communicate effectively, using both written and oral communication skills.		
F. Engage in and recognize the need for life-long learning.		
I. Assess the national and international aviation environment.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: ASCI 4900 Senior Seminar
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
A. Apply mathematics, science, and applied sciences to aviation-related disciplines.		
B. Analyze and interpret data.		
D. Make professional and ethical decisions.		
G. Assess contemporary issues.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 1150 Flight 1
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 1250 Basic Flight Foundations

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 1550 Flight 2
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

** Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 1560 Flight 2 Transition

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 2150 Flight 3
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 2250 Instrument Flight Foundations

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
A. Apply mathematics, science, and applied sciences to aviation-related disciplines.		
H. Use the techniques, skills, and modern technology necessary for professional practice.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 2550 Flight 4
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 2650 Navigation Foundations

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
A. Apply mathematics, science, and applied sciences to aviation-related disciplines.		
H. Use the techniques, skills, and modern technology necessary for professional practice.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 3550 Flight 5
 Semester Taught:
 Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

** Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 3700 Principles of Flight Instruction

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

**Attach description of assignment used for assessment and samples of student work.*

Undergraduate Course Assessment Form

Course: FSCI 3750 Flight Instruction Preparation

Semester Taught:

Number of Students in Course:

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 70%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 70% = "C")
H. Use the techniques, skills, and modern technology necessary for professional practice.		
J. Apply pertinent knowledge in identifying and solving problems.		

Course Assessment (Intended Use of Results)

The following will be used for recommendations to improve the quality of course delivery based on assessment results. These recommendations may include prerequisite change; changing course outline and adding more topics; adding a third assessment; changing the course sequence, etc.

** Attach description of assignment used for assessment and samples of student work.*