SAINT LOUIS UNIVERSITY.

Program-Level Assessment Plan

Program: B.S. in Aeronautics – Flight Science	Degree Level (e.g., UG or GR certificate, UG major, master's program, doctoral program): UG
Department: Oliver L. Parks Department of Aviation Science	College/School: School for Science and Engineering Primary Assessment Contact: Stephen Magoc

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

#	Student Learning Outcomes What do the program faculty expect all students to know or be able to do as a result of completing this program? Note: These should be measurable and manageable in number (typically 4-6 are sufficient).	Curriculum Mapping In which courses will faculty intentionally work to foster some level of student development toward achievement of the outcome? Please clarify the level at which student development is expected in each course (e.g., introduced, developed, reinforced, achieved, etc.).	Assessment Methods	
			Artifacts of Student Learning (What) 1. What artifacts of student learning will be used to determine if students have achieved this outcome? 2. In which courses will these artifacts be collected?	Evaluation Process (How) 1. What process will be used to evaluate the artifacts, and by whom? 2. What tools(s) (e.g., a rubric) will be used in the process? Note: Please include any rubrics as part of the submitted plan documents.
1	SLO 1: Conduct aviation operations in a professional, safe, and efficient manner.	ASCI 1300 Aviation Weather; Introduced ASCI 1850 Safety Management Systems; Introduced ASCI 2200 Concepts in Aerodynamics; Developed ASCI 3100 Air Carrier Operations; Reinforced ASCI 4012 Introduction to Flight Crew Operations; Reinforced ASCI 4013 Introduction to Flight Crew Operations Laboratory; Reinforced ASCI 4022 Advanced Flight Crew Operations; Achieved ASCI 4023 Advanced Flight Crew Operations	1. Artifacts used: Final exam Final Presentation Loft Scenarios Selected quiz/exam questions Module 7 Knowledge Exam Module 7 Final Stage Check Module 8 Knowledge Exam Module 8 Final Stage Check Module 9 Knowledge Exam Module 9 Final Stage Check Module 10 Knowledge Exam Module 10 Final Stage Check	1. Faculty of the department will meet at the conclusion of the fall and spring semesters to evaluate the artifacts. 2. The faculty will evaluate all courses noted by the curriculum mapping section using a rubric for each course. The faculty will use a rubric to determine if Student Learning Outcome 1 has been met. All course rubrics used, and the rubric used to determine if Student Learning Outcome 1 has been met are found in Appendix A of this assessment plan.

		Laboratory; Achieved FSCI 1150 Flight 1; Introduced FSCI 1250 Basic Flight Foundations; Introduced FSCI 1550 Flight 2; Introduced FSCI 1560 Flight 2 Transition Introduced FSCI 2150 Flight 3; Reinforced FSCI 2250 Instrument Flight Foundations; Reinforced FSCI 2550 Flight 4; Achieved FSCI 2650 Navigation Foundations; Achieved FSCI 3550 Flight 5; Achieved FSCI 3700 Principles of Flight Instruction; Achieved FSCI 3750 Flight 6; Achieved	2. Courses from which artifacts are to be collected: ASCI 3070 Flight Crew Fundamentals ASCI 4012 Introduction to Flight Crew Operations ASCI 4013 Introduction to Flight Crew Operations Laboratory ASCI 4022 Advanced Flight Crew Operations ASCI 4023 Advanced Flight Crew Operations Laboratory FSCI 2250 Instrument Flight Foundations FSCI 2550 Flight 4 FSCI 2650 Navigation Foundations FSCI 3550 Flight 5	
2	SLO 2: Describe historical trends, current issues, and emerging opportunities in aviation.	ASCI 1010 Professional Orientation; Introduced ASCI 1850 Safety Management Systems; Developed ASCI 4050 Human Factors; Developed ASCI 4350 Team Resource Management; Achieved	1. Artifacts used: Final exam Final Presentation Selected quiz/exam questions 2. Courses from which artifacts are to be collected: ASCI 4050 Human Factors ASCI 4350 Team Resource Management	1. Faculty of the department will meet at the conclusion of the fall and spring semesters to evaluate the artifacts. 2. The faculty will evaluate all courses noted by the curriculum mapping section using a rubric for each course. The faculty will use a rubric to determine if Student Learning Outcome 2 has been met. All course rubrics used, and the rubric used to determine if Student Learning Outcome 2 has been met are found in Appendix A of this assessment plan.
3	SLO 3: Apply effective oral and written communication skills to function effectively in the aviation environment.	ASCI 1010 Professional Orientation; Introduced ASCI 3070 Fight Crew Fundamentals; Developed ASCI 3100 Air Carrier Operations; Reinforced ASCI 4012 Introduction to Flight Crew Operations; Reinforced ASCI 4013 Introduction to Flight Crew Operations Laboratory; Reinforced ASCI 4022 Advanced Flight Crew Operations; Achieved	1. Artifacts used: Final exam Final presentation Selected quiz/exam questions Group Project 2. Courses from which artifacts are to be collected: ASCI 4050 Human Factors ASCI 4250 Professional Orientation ASCI 4350 Team Resource	1. Faculty of the department will meet at the conclusion of the fall and spring semesters to evaluate the artifacts. 2. The faculty will evaluate all courses noted by the curriculum mapping section using a rubric for each course. The faculty will use a rubric to determine if Student Learning Outcome 3 has been met. All course rubrics used, and the

		ASCI 4023 Advanced Flight Crew Operations Laboratory; Achieved ASCI 4350 Team Resource Management; Achieved	Management	rubric used to determine if Student Learning Outcome 3 has been met are found in Appendix A of this assessment plan.
4	SLO 4: Articulate the value of integrity, lifelong learning, and building diverse teams in serving and leading others.	ASCI 1010 Professional Orientation; Introduced ASCI 4050 Human Factors; Developed ASCI 4350 Team Resource Management; Achieved	1. Artifacts used: Final exam Group presentation 2. Courses from which artifacts are to be collected: ASCI 4050 Human Factors ASCI 4350 Team Resource Management	1. Faculty of the department will meet at the conclusion of the fall and spring semesters to evaluate the artifacts. 2. The faculty will evaluate all courses noted by the curriculum mapping section using a rubric for each course. The faculty will use a rubric to determine if Student Learning Outcome 4 has been met. All course rubrics used, and the rubric used to determine if Student Learning Outcome 4 has been met are found in Appendix A of this assessment plan.
5	SLO 5: An ability to apply the techniques, skills, and modern aviation tools to perform aviation related tasks of a professional pilot.	ASCI 1300 Aviation Weather; Introduced ASCI 1850 Safety Management Systems; Introduced ASCI 3010 Jet Transport Systems I; Developed ASCI 3020 Jet Transport Systems II; Developed ASCI 3070 Fight Crew Fundamentals; Developed ASCI 3100 Air Carrier Operations; Reinforced ASCI 4012 Introduction to Flight Crew Operations; Reinforced ASCI 4013 Introduction to Flight Crew Operations Laboratory; Reinforced ASCI 4022 Advanced Flight Crew Operations; Achieved ASCI 4023 Advanced Flight Crew Operations Laboratory; Achieved FSCI 1150 Flight 1; Introduced FSCI 1250 Basic Flight Foundations;	1. Artifacts used: Final exam Final Presentation Loft Scenarios Selected quiz/exam questions Module 7 Knowledge Exam Module 7 Final Stage Check Module 8 Knowledge Exam Module 8 Final Stage Check Module 9 Knowledge Exam Module 9 Final Stage Check Module 10 Knowledge Exam Module 10 Final Stage Check 2. Courses from which artifacts are to be collected: ASCI 4012 Introduction to Flight Crew Operations ASCI 4013 Introduction to Flight Crew Operations Laboratory ASCI 4022 Advanced Flight Crew Operations	1. Faculty of the department will meet at the conclusion of the fall and spring semesters to evaluate the artifacts. 2. The faculty will evaluate all courses noted by the curriculum mapping section using a rubric for each course. The faculty will use a rubric to determine if Student Learning Outcome 5 has been met. All course rubrics used, and the rubric used to determine if Student Learning Outcome 5 has been met are found in Appendix A of this assessment plan.

		Introduced FSCI 1550 Flight 2; Introduced FSCI 1560 Flight 2 Transition Introduced FSCI 2150 Flight 3; Reinforced FSCI 2250 Instrument Flight Foundations; Reinforced FSCI 2550 Flight 4; Achieved FSCI 2650 Navigation Foundations; Achieved FSCI 3550 Flight 5; Achieved FSCI 3700 Principles of Flight Instruction; Achieved FSCI 3750 Flight 6; Achieved	ASCI 4023 Advanced Flight Crew Operations Laboratory FSCI 2250 Instrument Flight Foundations FSCI 2550 Flight 4 FSCI 2650 Navigation Foundations FSCI 3550 Flight 5	

Use of Assessment Data

1. How and when will analyzed data be used by program faculty to make changes in pedagogy, curriculum design, and/or assessment practices?

The program faculty meet at the conclusion of the fall and spring semesters to discuss the coursework of the just completed semester. As part of the spring semester meeting, the faculty determine whether of not the appropriate Student Learning Outcome and the applicable AABI goals are being met.

SLO 1: Conduct aviation operations in a professional, safe, and efficient manner.	Spring 2022	Spring 2027	Spring 2032	Spring 2037
SLO 2: Describe historical trends, current issues, and emerging opportunities in aviation.	Spring 2023	Spring 2028	Spring 2033	Spring 2038
SLO 3: Apply effective oral and written communication skills to function effectively in the aviation environment.	Spring 2024	Spring 2029	Spring 2034	Spring 2039
SLO 4: Articulate the value of integrity, lifelong learning, and building diverse teams in serving and leading others.	Spring 2025	Spring 2030	Spring 2035	Spring 2040
SLO 5: An ability to apply the techniques, skills, and modern aviation tools to perform aviation related tasks of a professional pilot.	Spring 2026	Spring 2031	Spring 2036	Spring 2041

2. How and when will the program faculty evaluate the impact of assessment-informed changes made in previous years?

   The program faculty will evaluate the impact of assessment-informed changes made in previous years at the next-scheduled evaluation of the Student Learning Outcome and applicable AABI goals.

Additional Questions

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

   Assessment of student learning outcomes will be conducted at least once per year and the records of these reviews will be maintained by the department.

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

   The department faculty and staff all contributed to the development of this plan through meetings and discussions.

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

SAINT LOUIS UNIVERSITY

OLIVER L. PARKS DEPARTMENT
OF AVIATION SCIENCE

APPENDIX A

B.S. in Aeronautics – Concentration in Flight Science

Learning Outcome Assessment Rubrics,

Course Performance Indicator Rubrics,

and

Assessment of AABI Section 3.1 – 3.9 Baccalaureate Degree Requirements

Assessment of B.S. in Aeronautics – Flight Science Student Learning Outcomes

Student Learning Outcome #1: Conduct aviation operations in a professional, safe, and efficient manner.

Date of this assessment:

The following assessment is based on coursework of students and surveys of graduates.

Performance Indicator Assessed	Do not Meet	Meet
Students and graduates make professional and ethical decisions.		
Students and graduates apply pertinent knowledge in identifying and solving problems.		
Students and graduates assess contemporary issues.		
Students and graduates apply business knowledge to aviation issues.		

List any prior change(s) made to the curriculum to aid graduates in meeting this student learning outcome:

Describe the effect of any change(s) made to the curriculum:

List recommendation(s) for changes to be made to the curriculum as a result of this assessment:

Assessment of B.S. in Aeronautics – Flight Science Student Learning Outcomes

Student Learning Outcome #2: Describe historical trends, current issues, and emerging opportunities in aviation.

Date of this assessment:

The following assessment is based on coursework of students and surveys of graduates.

Performance Indicator Assessed	Do not Meet	Meet
Students and graduates assess contemporary issues in aviation.		
Students and graduates analyze and interpret data.		
Students and graduates assess the national and international aviation environment.		
Students and graduates apply pertinent aviation knowledge in identifying and solving problems.		

List any prior change(s) made to the curriculum to aid graduates in meeting this student learning outcome:

Describe the effect of any change(s) made to the curriculum:

List recommendation(s) for changes to be made to the curriculum as a result of this assessment:

Assessment of B.S. in Aeronautics – Flight Science Student Learning Outcomes

Student Learning Outcome #3: Apply effective oral and written communication skills to function effectively in the aviation environment.

Date of this assessment:

The following assessment is based on coursework of students and surveys of graduates.

Performance Indicator Assessed	Do not Meet	Meet
Students and graduates deliver well-organized presentations.		
Students and graduates use appropriate presentation techniques (use of voice, eye contact, etc.)		
Students and graduates create documents and reports which may contain technical information, in a logical, organized, and coherent manner.		
Students and graduates evaluate or cite sources appropriately.		

List any prior change(s) made to the curriculum to aid graduates in meeting this student learning outcome:

Describe the effect of any change(s) made to the curriculum:

List recommendation(s) for changes to be made to the curriculum as a result of this assessment:

Assessment of B.S. in Aeronautics – Flight Science Student Learning Outcomes

Student Learning Outcome #4: Articulate the value of integrity, lifelong learning, and building diverse teams in serving and leading others.

Date of this assessment:

The following assessment is based on coursework of students and surveys of graduates.

Performance Indicator Assessed	Do not Meet	Meet
Students and graduates defend and articulate a societal problem, design a cause of action, and communicate the results to others.		
Students and graduates recognize the value of life-long learning and use their education and training to actively engage in life-long learning.		
Students and graduates demonstrate the ability to work effectively in diverse teams and groups.		

List any prior change(s) made to the curriculum to aid graduates in meeting this student learning outcome:

Describe the effect of any change(s) made to the curriculum:

List recommendation(s) for changes to be made to the curriculum as a result of this assessment:

Assessment of B.S. in Aeronautics – Flight Science Student Learning Outcomes

Student Learning Outcome #5: Apply knowledge of business principles in aviation-related areas.

Date of this assessment:

The following assessment is based on coursework of students and surveys of graduates.

Performance Indicator Assessed	Do not Meet	Meet
Students and graduates think critically, defend reasoned solutions, and solve business problems using the appropriate techniques.		
Students and graduates possess the ability to use the techniques, skills, and modern technology required for professional practice.		
Students and graduates possess the knowledge requirements to be successful managers.		

List any prior change(s) made to the curriculum to aid graduates in meeting this student learning outcome:

Describe the effect of any change(s) made to the curriculum:

List recommendation(s) for changes to be made to the curriculum as a result of this assessment:

B.S. in Aeronautics – Flight Science Course Performance Indicator Rubric

Student Learning Outcome #1 - Conduct aviation operations in a professional, safe, and efficient manner.

Course:_____ Course Instructor: _____

Semester Taught:_____ Number of Students in Course: _____

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 80%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 80% = "C")
Students and graduates make professional and ethical decisions.		
Students and graduates apply pertinent knowledge in identifying and solving problems.		
Students and graduates assess contemporary issues.		
Students and graduates apply business knowledge 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.*

B.S. in Aeronautics – Flight Science Course Performance Indicator Rubric

Student Learning Outcome #2 - Describe historical trends, current issues, and emerging opportunities in aviation.

Course:_____ Course Instructor: _____

Semester Taught:_____ Number of Students in Course: _____

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 80%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 80% = "C")
Students and graduates can make professional and ethical decisions.		
Students and graduates can apply pertinent knowledge in identifying and solving problems.		
Students and graduates can assess contemporary issues.		
Students and graduates can apply business knowledge 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.*

B.S. in Aeronautics – Flight Science Course Performance Indicator Rubric

Student Learning Outcome #3 - Apply effective oral and written communication skills to function effectively in the aviation environment.

Course:_____ Course Instructor: _____

Semester Taught:_____ Number of Students in Course: _____

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 80%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 80% = "C")
Students and graduates deliver well-organized presentations.		
Students and graduates use appropriate presentation techniques (use of voice, eye contact, etc.)		
Students and graduates create documents and reports which may contain technical information, in a logical, organized, and coherent manner.		
Students and graduates evaluate or cite sources appropriately.		

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.*

B.S. in Aeronautics – Flight Science Course Performance Indicator Rubric

Student Learning Outcome #4 - Articulate the value of integrity, lifelong learning, and building diverse teams in serving and leading others.

Course:_____ Course Instructor: _____

Semester Taught:_____ Number of Students in Course: _____

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 80%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 80% = "C")
Students and graduates defend and articulate a societal problem, design a cause of action, and communicate the results to others.		
Students and graduates recognize the value of life-long learning and use their education and training to actively engage in life-long learning.		
Students and graduates demonstrate the ability to work effectively in diverse teams and groups.		

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.*

B.S. in Aeronautics – Flight Science Course Performance Indicator Rubric

Student Learning Outcome #5 - Apply knowledge of business principles in aviation-related areas.

Course:_____ Course Instructor: _____

Semester Taught:_____ Number of Students in Course: _____

Student Learning Outcome Assessed	Assessment Results: (Indicate what % of class achieved a minimum 80%)	Benchmark achieved? (Benchmark: 80% of students will score a minimum of 80% = "C")
Students and graduates understand the technical and legal aspects of flight and aircraft systems and operations and demonstrate the application of this knowledge.		
Students and graduates possess the ability to use the techniques, skills, and modern technology required for professional practice		
Students and graduates have obtained the FAA Commercial Pilot Certificate with Single-, Multi-Engine ratings, and the Instrument rating.		

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.*

Aviation Accreditation Board International (AABI) – Flight Science Concentration Assessment Plan Template
(Based on the AABI 3.10 Criteria)

Objective	Measurable Goals	Timelines	Metrics	Responsibilities	Evidence (how collected, archived, and analyzed)	Use of Assessment Results
Students	Admission requirements for the aviation programs are adequate so that students are able to meet the curricular requirements of the concentration.	An assessment to determine the adequacy of the admission requirements for the concentration will be completed annually The next assessment is scheduled for May 2022.	Data pertaining to student ACT and SAT scores, and GPA available from the Office of Admission.	Department faculty and Administrative Staff at the Center for Aviation Science as appropriate.	Reports detailing incoming student academic information will be collected by the department. The department will discuss the results of the evidence and how it relates to the measurable goal. All evidence collected and minutes of assessment discussions will be saved in an electronic format by the department.	The assessment results will be used by the department to determine if the Student goal is adequate for the department and its academic programs and if a change to the measurable goal is warranted. In the event of that changes were made to the Student measurable goal or assessment process in the past, those changes will be assessed by the department at the next complete assessment of the measurable goals to determine whether such changes have served their purpose.

Objective	Measurable Goals	Timelines	Metrics	Responsibilities	Evidence (how collected, archived, and analyzed)	Use of Assessment Results
Program Mission and Educational Goals	Graduates will demonstrate knowledge of aviation business practices and principles and their application to the aviation industry. Graduates will understand and appreciate the financial and economic aspects of the aviation industry Graduates will have knowledge of the business structure, management and administrative aspects of airlines, corporate flight operations and airport operations.	An assessment to determine the adequacy of the Program Mission and Educational Goals will be completed annually. The next assessment is scheduled for May 2022.	Evidence from courses as appropriate to the goal are collected by the department.	Department faculty and Administrative Staff at the Center for Aviation Science as appropriate.	For all measurable goals, direct and indirect evidence such as course reports and aviation student surveys will be collected by the department. The department will discuss the results of the evidence and how it relates to the measurable goals. All evidence collected and minutes of the assessment discussions will be saved in an electronic format by the department.	The assessment results will be used by the department to determine if the Program Mission and Educational Goals are adequate for the department and its academic programs and if changes to the measurable goals are warranted. In the event of that changes were made to the Program Mission and Educational measurable goals or assessment process in the past, those changes will be assessed by the department at the next complete assessment of the measurable goals to determine whether such changes have served their purpose.

Objective	Measurable Goals	Timelines	Metrics	Responsibilities	Evidence (how collected, archived, and analyzed)	Use of Assessment Results
Student Learning Outcomes	The student learning outcomes adequately prepare the graduate for a career in the student's chosen profession.	An assessment to determine the adequacy of the student learning outcomes will be completed annually The next assessment of SLO 1 is due May 2022.	Evidence from courses as appropriate to the goal are collected by the department.	Department faculty and Administrative Staff at the Center for Aviation Science as appropriate.	For the measurable goal, Course Report evidence will be collected by the department. The department will discuss the results of the evidence and how it relates to the measurable goal. All evidence collected and minutes of the assessment discussions will be saved in an electronic format by the department.	The assessment results will be used by the department to determine if the Student Learning Outcomes goal is adequate for the department and its academic programs and if a change to the measurable goal is warranted. In the event of that changes were made to the Student Learning Outcomes measurable goal or assessment process in the past, those changes will be assessed by the department at the next complete assessment of the measurable goals to determine whether such changes have served their purpose.

Objective	Measurable Goals	Timelines	Metrics	Responsibilities	Evidence (how collected, archived, and analyzed)	Use of Assessment Results
Curriculum	Maintain a rigorous aeronautical theoretical and practical curriculum.	An assessment to determine the adequacy of the curriculum will be completed annually. The next assessment is due May 2022.	Evidence from courses as appropriate to the goal are collected by the department.	Department faculty and Administrative Staff at the Center for Aviation Science as appropriate.	For the measurable goal, Course Report evidence will be collected by the department. The department will discuss the results of the evidence and how it relates to the measurable goal. All evidence collected will be saved in an electronic format by the department.	The assessment results will be used by the department to determine if the Curriculum goal is adequate for the department and its academic programs and if a change to the measurable goal is warranted. In the event of that changes were made to the Curriculum measurable goal or assessment process in the past, those changes will be assessed by the department at the next complete assessment of the measurable goals to determine whether such changes have served their purpose.

Objective	Measurable Goals	Timelines	Metrics	Responsibilities	Evidence (how collected, archived, and analyzed)	Use of Assessment Results
Faculty and Staff	Recruit and retain qualified faculty with appropriate industry credentials and/or an active research agenda.	An assessment to determine the adequacy of the faculty will be completed annually The next assessment is due February 2022.	For tenured and tenure-track faculty, the Faculty Annual Report is prepared to detail the level of the teaching, scholarly activities, and service agreed to by the faculty member and Department Chair.	Department Chair. Department faculty.	For the tenured and tenure-track faculty: The Faculty Annual Report will be prepared by the Department Chair using data supplied by the faculty member. The Department Chair and faculty member will discuss the report and determine if the faculty member meets the standards previously agreed to. The Faculty Annual Report will be saved in an electronic format by the department.	The assessment results will be used by the department to determine if the Faculty and Staff goals are adequate for the department and its academic programs and if a change to the measurable goal is warranted. In the event of that changes were made to the Faculty and Staff measurable goals or assessment process in the past, those changes will be assessed by the department at the next complete assessment of the measurable goals to determine whether such changes have served their purpose.
			For non-tenure-track faculty, the Faculty Annual Report is prepared to detail the level of the teaching and service agreed to by the faculty member and Department Chair.	Department Chair. Department faculty.	For the non-tenure-track faculty: The Faculty Annual Report will be prepared by the Department Chair using data supplied by the faculty member. The Department Chair and faculty member will discuss the report and determine if the faculty member meets the standards previously agreed to. The Faculty Annual Report will be saved in an electronic format by the department.	

	Recruit and retain qualified staff with industry credentials where required.	An assessment to determine the adequacy of the staff will be completed annually. The next assessment is due February 2022.	A list of all staff appointments will be maintained showing any/all industry credentials where required. The *Workday* Team Performance annual evaluation report used by the University will be prepared and discussed by the Department Chair or the appropriate supervisor and the staff person. The *Workday* Team Performance report will indicate goals for the staff person to achieve during the next evaluation period.	Department Chair. Administrative Staff at the Center for Aviation Science as appropriate.	The Department Chair or the appropriate supervisor will discuss the *Workday* Team Performance report with the staff person and determine if the staff person meets all agreed to goals for the past evaluation period. The *Workday* Team Performance report for the staff person will be saved in an electronic format by the department.	

Objective	Measurable Goals	Timelines	Metrics	Responsibilities	Evidence (how collected, archived, and analyzed)	Use of Assessment Results
Facilities, Equipment and Services	The facilities will remain adequate for the aviation department's academic and flight training activities. Saint Louis University will continue to provide the support services required by the aviation department. Saint Louis University will support the aviation department in its need for aircraft and FTDs to operate the aviation academic and flight training activities.	An assessment to determine the adequacy of the facilities, equipment and services will be completed annually. The next assessment is due May 2022.	A Facilities, Equipment, and Services report will be prepared and submitted to the Dean of the College.	Department faculty. Administrative Staff at the Center for Aviation Science as appropriate.	The Facilities, Equipment and Services report and minutes of the assessment meeting for this goal will be saved in an electronic format.	The assessment results will be used by the department to determine if the Facilities, Equipment and Services goals are adequate for the department and its academic programs and if a change to the measurable goals is warranted. In the event of that changes were made to the Facilities, Equipment or Services measurable goals or assessment process in the past, those changes will be assessed by the department at the next complete assessment of the measurable goals to determine whether such changes have served their purpose.

Objective	Measurable Goals	Timelines	Metrics	Responsibilities	Evidence (how collected, archived, and analyzed)	Use of Assessment Results
Aviation Safety Culture and Program	Conduct a Center for Aviation Science Safety Culture Survey at the end of each academic year.	An assessment of the aviation safety culture and program will be completed annually. The next assessment is due May 2022.	A Safety Culture report will be used to assess whether the department's students, staff and faculty have a general knowledge of the Safety Program and Culture.	Safety Advisor. Safety Committee.	All required reports, Safety Advisories, Safety Newsletters, recordings of Safety Standdown events, and minutes of safety committee meetings will be used to assess the goals. All evidence collected will be saved in an electronic format by the safety committee and the department.	The assessment results will be used by the department to determine if the Aviation Safety Culture and Program goals are adequate for the department and its academic programs and if a change to the measurable goals is warranted. In the event of that changes were made to the Aviation Safety Culture and Program measurable goals or assessment process in the past, those changes will be assessed by the department at the next complete assessment of the measurable goals to determine whether such changes have served their purpose.
	Recruit external safety experts to speak at each Safety Standdown at least once per academic year.		A Safety Standdown Effectiveness report will be used to assess the effectiveness of the Safety Standdowns for the department's students, staff and faculty.			
	Conduct a tabletop exercise using the Emergency Response Manual.		An Emergency Response Manual Exercise report will be used to assess whether the department's staff and faculty and the University administrators possess the knowledge of the Emergency Response Manual.			

	Increase student and instructor attendance by 5% at each Safety Standdown.		An Attendance at Safety Standdowns report will be used to assess the attendance trends at the Safety Standdowns.			

Objective	Measurable Goals	Timelines	Metrics	Responsibilities	Evidence (how collected, archived, and analyzed)	Use of Assessment Results
Relations with Industry	Develop industry partnerships to provide internship and other career opportunities for students.	An assessment of the adequacy of the pathways to employment and industry internship and cooperative opportunities will be completed annually. The next assessment is due May 2022.	A Relations with Industry – Pathways and Partnerships report will be prepared listing all pathway partners and industry partners at which students are conducting industry internships and/or cooperative opportunities.	Department faculty.	The Relations with Industry – Pathways and Partnerships report will be prepared and used for assessment purposes of the goal. The report and minutes of the assessment meeting for this goal will be saved in an electronic format by the department.	The assessment results will be used by the department to determine if the Relations with Industry goal is adequate for the department and its academic programs and if a change to the measurable goal is warranted. In the event of that changes were made to the Relations with Industry measurable goal or assessment process in the past, those changes will be assessed by the department at the next complete assessment of the measurable goals to determine whether such changes have served their purpose.

Assessment of AABI Section 3.1 – 3.9 Baccalaureate Degree Requirements					
AABI Goals	**Performance Indicator Assessed**	**Meets**	**Does Not Meet**	**Previous Recommendation(s)/Results**	**Current Recommendation(s)**
Program Mission and Educational Goals	Students demonstrate knowledge of aviation business practices and principles and their application to the aviation industry.				
	Students understand and appreciate the financial and economic aspects of the aviation industry.				
	Students have knowledge of the business structure, management and administrative aspects of airlines, corporate flight operations and airport operations.				
Students	Students can assess decisions and can make ethical and professional decisions.				

	Admission requirements for the aviation programs are adequate to meet the requirements of the concentration.				
Student Learning Outcomes	Students are adequately prepared for a career in the student's chosen profession.				
Curriculum	The curriculum prepares the students to conduct aviation operations in a safe and efficient manner.				
Faculty	Enough qualified faculty and staff with industry credentials and/or an active research agenda are utilized and retained in the program (where applicable.)				
Facilities, Equipment, and Services	The department facilities remain adequate for the aviation department's academic training activities.				

	Saint Louis University will continue to support the aviation department to operate the aviation academic and flight training activities.				
Aviation Safety Culture and Program	Students, staff, and faculty are aware of the PEDALS reporting system and can use it to report safety issues.				
	Students, staff, and faculty attend the Safety Standdown sessions held each semester.				
Relations with Industry	The department's Industry Advisory Board is utilized in providing guidance to the department.				

In the overall assessment of Student Learning Outcome 1, is this Student Learning Outcome Met?

Yes No

Date of this assessment:

AABI 3.10 Criteria: Students

(Flight Science Concentration)

Date of this assessment:

Do the students of the Flight Science concentration meet the Students criteria as listed in the Comprehensive Plan??

Closing the Loop:

Were any changes recommended at the last assessment of the Students criteria.

State the purpose of the recommended change and whether the change met its intended purpose.

As a result of today's assessment of the Students criteria, are any changes recommended at this time? List any recommended change(s) to be assessed at the next assessment of the Students criteria.

AABI 3.10 Criteria: Program Mission and Educational Goals

(Flight Science Concentration)

Date of this assessment:

Do the Program Mission and Goals of the Flight Science concentration meet the Program Mission and Educational Goals criteria as listed in the Comprehensive Assessment Plan?

Closing the Loop:

Were any changes recommended at the last assessment of the Program Mission and Educational Goals criteria?

State the purpose of the recommended change and whether the change met its intended purpose.

As a result of today's assessment of the Program Mission and Educational Goals criteria, are any changes recommended at this time? List any recommended change(s) to be assessed at the next assessment of the Program Mission and Educational Goals criteria.

AABI 3.10 Criteria: Student Learning Outcomes

(Flight Science Concentration)

Date of this assessment:

Do the Student Learning Outcomes s of the Flight Science concentration meet the Student Learning Outcomes criteria?

Closing the Loop:

Were any changes recommended at the last assessment of the Student Learning Outcomes criteria.

State the purpose of the recommended change and whether the change met its intended purpose.

As a result of today's assessment of the Student Learning Outcomes criteria, are any changes recommended at this time? List any recommended change(s) to be assessed at the next assessment of the Student Learning Outcomes criteria.

AABI 3.10 Criteria: Curriculum

(Flight Science Concentration)

Date of this assessment:

Does the Curriculum of the Flight Science concentration meet the Curriculum criteria as listed in the Comprehensive Assessment Plan?

Closing the Loop:

Were any changes recommended at the last assessment of the Curriculum criteria.

State the purpose of the recommended change and whether the change met its intended purpose.

As a result of today's assessment of the Curriculum criteria, are any changes recommended at this time? List any recommended change(s) to be assessed at the next assessment of the Curriculum criteria.

AABI 3.10 Criteria: Faculty and Staff

(Flight Science Concentration)

Date of this assessment:

Do the Faculty and Staff of the Flight Science concentration meet the Faculty and Staff criteria as listed in the Comprehensive Assessment Plan?

Closing the Loop:

Were any changes recommended at the last assessment of the Faculty and Staff criteria.

State the purpose of the recommended change and whether the change met its intended purpose.

As a result of today's assessment of the Faculty and Staff criteria, are any changes recommended at this time? List any recommended change(s) to be assessed at the next assessment of the Faculty and Staff criteria.

AABI 3.10 Criteria: Facilities, Equipment and Services

(Flight Science Concentration)

Date of this assessment:

Do the Facilities, Equipment and Services in the Flight Science concentration meet the Facilities, Equipment and Services criteria as listed in the Comprehensive Assessment Plan?

Closing the Loop:

Were any changes recommended at the last assessment of the Facilities, Equipment and Services criteria.

State the purpose of the recommended change and whether the change met its intended purpose.

As a result of today's assessment of the Facilities, Equipment and Services criteria, are any changes recommended at this time? List any recommended change(s) to be assessed at the next assessment of the Student criteria.

AABI 3.10 Criteria: Aviation Safety Culture and Program

(Flight Science Concentration)

Date of this assessment:

Does the Aviation Safety Culture and Program of the Flight Science concentration meet the Aviation Safety Culture and Program criteria as listed in the Comprehensive Assessment Plan?

Closing the Loop:

Were any changes recommended at the last assessment of the Aviation Safety Culture and Program criteria.

State the purpose of the recommended change and whether the change met its intended purpose.

As a result of today's assessment of the Aviation Safety Culture and Program criteria, are any changes recommended at this time? List any recommended change(s) to be assessed at the next assessment of the Aviation Safety Culture and Program criteria.

AABI 3.10 Criteria: Relations with Industry

(Flight Science Concentration)

Date of this assessment:

Do the Relations with Industry of the Flight Science concentration meet the Relations with Industry criteria as listed in the Comprehensive Assessment Plan?

Closing the Loop:

Were any changes recommended at the last assessment of the Relations with Industry criteria.

State the purpose of the recommended change and whether the change met its intended purpose.

As a result of today's assessment of the Relations with Industry criteria, are any changes recommended at this time? List any recommended change(s) to be assessed at the next assessment of the Relations with Industry criteria.