



Alabama Commission on Higher Education

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New Program Proposal

Primary Contact Information

Institution: Jacksonville State University

Contact: Christie Shelton

Title: Provost and Executive Vice President for Academic Affairs

Email: cshelton@jsu.edu

Telephone: 256.782.5540

Program Information

Date of Proposal Submission: 9/11/2025

Award Level: Bachelor's Degree

Award Nomenclature (e.g., BS, MBA): BS

Field of Study/Program Title: Aviation

CIP Code (6-digit): 49.0101

Administration of the Program

Name of Dean: Brent Cunningham

Name of College/School: College of Business and Industry

Name of Chairperson: Celestino Valentin

Name of Department/Division: Lyons & Co, Inc. Department of Management and Marketing

Implementation Information

Proposed Program Implementation Date: 8/15/2026

Anticipated Date of Approval from Institutional Governing Board: 7/15/2025

Anticipated Date of ACHE Meeting to Vote on Proposal: 12/12/2025

SACSCOC Sub Change Requirement (Notification, Approval, or NA): Notification

Other Considerations for Timing and Approval (e.g., upcoming SACSCOC review):

I. Program Description

A. Concise Program Summary (one paragraph) to be included in ACHE Agenda:

Jacksonville State University's (JSU) proposed Bachelor of Science in Aviation is designed to prepare students for leadership and operational roles in one of the world's most dynamic and fast-paced industries. Grounded in a strong foundation of aviation science, safety, and industry best practices, the program offers three concentrations to suit students' career goals: **Aviation Management**, **Commercial Aviation**, and **Public Safety Aviation**. This comprehensive degree equips students with the knowledge, skills, and professional competencies necessary to thrive in both the private and public aviation sectors, as well as the first responder/public safety realm. Whether on the ground managing complex airport



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operations, using drones to manage a rescue mission, or in the air piloting commercial aircraft, graduates of JSU's Aviation program will be well prepared to contribute meaningfully to the future of aviation.

B. Specific Rationale (Strengths) for the Program

List three (3) to five (5) strengths of the proposed program as specific rationale for recommending approval of this proposal.

1. Strategically situated near a major airline hub in Atlanta and several regional and international airports in Birmingham, Huntsville, and Chattanooga, JSU is surrounded by a growing regional demand for skilled aviation professionals. JSU is also positioned for regional partnerships (commercial, general, and military aviation), increasing the utilization of airports in Anniston, Gadsden, and Albertville and addressing the economic development potential of northeastern Alabama.
2. With a focus on flight training and flight operations, the Commercial Aviation track provides hands-on experience and instruction that meets Federal Aviation Administration (FAA) certification standards for several licenses, so graduates will be prepared for careers as professional pilots in commercial airlines, corporate aviation, or the military.
3. Informed by JSU's strengths in emergency management and criminal justice, the Public Safety Aviation concentration fills a gap in educational programs and will be the first of its kind in the nation, as the curriculum prepares first responders with aviation/unmanned aircraft systems knowledge and training.
4. Graduates with the Aviation Management concentration will be well-positioned for careers in airport management, airline operations, air cargo logistics, aviation consulting, and roles with governmental agencies and aircraft manufacturers. With the increase of air traffic, airports, and commercial airlines in the region, alumni will help this industry thrive in Alabama.

C. External Support (Recommended)

List external entities (more may be added) that may have supplied letters of support attesting to the program's strengths and attach letters with the proposal at the end of this document.

1. Mayor, City of Anniston, AL (requested-will forward when received)
2. Mayor, City of Oxford, AL (attached)
3. Vulcan Materials, Birmingham, AL (attached)



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4. Anniston Army Depot, Anniston, AL (requested-will forward when received)
5. Congressman Mike Rogers (AL 3rd District) (requested-will forward when received)
6. Senator Katie Britt (requested-will forward when received)
7. Senator Tommy Tuberville (requested-will forward when received)

D. Student Learning Outcomes

List four (4) to seven (7) of the student learning outcomes of the program.

1. Students demonstrate a working knowledge of FAA regulations, aviation law, and other legal issues affecting the industry.
2. Students can synthesize foundational knowledge in mathematics, science, and the applied sciences to solve issues in aviation-related disciplines through scenario-based and experiential, hands-on learning.
3. Students demonstrate understanding of the principles of aviation safety and human factors that contribute to safety management and aeronautical decision-making.
4. Aviation Management concentration: Students can apply business concepts, management theories, and leadership skills to the global aviation industry via scenario-based and experiential, hands-on learning.
5. Commercial Aviation concentration: Students demonstrate the knowledge, maneuvers, and skills required for FAA-standard pilot certificates, such as Private Pilot license and Commercial Pilot Certificate with Instrument and Multi-Engine Ratings.
6. Public Safety Aviation concentration: Students can conduct specialized UAS operations for public safety, demonstrating knowledge of regulations, flight procedures, and the tactical application of drones in emergency and criminal justice contexts.

Similar Programs at Other Alabama Public Institutions

List programs at other Alabama public institutions of the same degree level and the same (or similar) CIP codes. If no similar programs exist within Alabama, list similar programs offered within the 16 [SREB](#) states. If the proposed program duplicates, closely resembles, or is similar to any other offerings in the state, provide justification for any potential duplication.

CIP Code	Degree Title	Institution with Similar Program	Justification for Duplication
49.0104	Aviation Management	Auburn University	Geographic location
49.0102	Professional Flight	Auburn University	Demand higher than AU can accommodate
	Aviation Science	Tuskegee University	Geographic location



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E. Relationship to Existing Programs within the Institution

Nearly all new programs have some relationship to existing offerings through shared courses, faculty, facilities, etc. Is the proposed program associated with any existing offerings within the institution, including options within current degree programs? **Yes** ☒ **No** ☐

The curriculum for JSU's Aviation major includes several existing JSU courses, including courses in business, management, geography, physics, criminal justice, emergency management, geographical information systems, meteorology, accounting, and others. The new major is not expected to compete with current majors at JSU; instead, the aviation major will attract new students to JSU. Also, coursework for the aviation major will enhance existing offerings by providing the opportunity to add new microcredentials and minors.

F. Collaboration

Have any collaborations **within your institution** (i.e., research centers, across academic divisions, etc.) been explored? **Yes** ☒ **No** ☐

Criminal Justice and Emergency Management have been collaborating with the Center for Best Practices in Law Enforcement to create the vision and curriculum for the Public Safety Aviation concentration. Criminal Justice will also house a new, interdisciplinary minor in Drone Piloting for First Responders, to begin Fall 2026.

Two departments in the College of Business and Industry have collaborated to design the Aviation Management concentration; the inclusion of entrepreneurship and work-based learning will uniquely prepare students for the aviation industry.

Have collaborations with **other institutions or external entities** (i.e., local business, industries, etc.) been explored? **Yes** ☒ **No** ☐

JSU has explored partnering with a local flight school to collaboratively provide the ground instruction and flight labs for the Commercial Aviation concentration. JSU has also been in discussion with the Alabama Aviation College at Snead State Community College regarding a pathway for their aviation students who desire a four-year aviation degree.

G. Programmatic Accreditation

Select the appropriate program accreditor from the drop-down menu below:

Aviation Accreditation Board International (AABI)

The program will seek Aviation Accreditation Board International (AABI) accreditation in the future. We will begin this process by becoming an AABI Educator Member where we will



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receive instruction on when we can begin the application for candidacy. Full accreditation cannot be achieved until there are program completers and evidence of adequate assessment of student and program learning outcomes is available. The cost of becoming an educator member is \$1500 per year. Educator member status will make available access to the necessary resources and support to seek accreditation.

Timeline:

- Spring 2026: Join AABI as Educator Member
- Fall 2026: Begin offering Aviation Program
- May 2030: First graduates of new major; seek accreditation

H. Professional Licensure

Will the program be considered a Professional Licensure Program based on the following definition: **Yes** ☒ **No** ☐

Professional Licensure Program: As defined in federal regulations, an instructional program that is designed to meet educational requirements for a specific professional license or certification that is required for employment in an occupation or is advertised as meeting such requirements.

The Aviation core includes a drone piloting course intended to prepare students to sit for the FAA Part 107 exam to earn a UAS license. The Commercial Aviation concentration is designed to prepare students to gain several FAA certifications, including private pilot certificate, instrument airplane rating, and commercial pilot certification. The program will also support students in attaining the FAA restricted airline transport pilot (R-ATP) with a reduction of flight hours to 1000. Other optional FAA certifications include certified flight instructor, certified flight instructor instrument, and multi-engine instructor.

Select the appropriate licensure body from the table below:

Other

Select the appropriate license from the table below:

Other

I. Professional Certification

Will students earn industry certifications while completing the degree or be prepared for industry certifications upon graduation? **Yes** ☒ **No** ☐



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The Commercial Aviation concentration is designed to prepare students to gain several FAA certifications, including private pilot certificate, instrument airplane rating, and commercial pilot certification. The program will also support students in attaining the FAA restricted airline transport pilot (R-ATP) with a reduction of flight hours to 1000. Other optional FAA certifications include certified flight instructor, certified flight instructor instrument, and multi-engine instructor.

J. Admissions

Provide any additional admissions requirements beyond the institution's standard admissions process/policies for this degree level. Include prerequisites, prior degrees earned, etc.

After admission to JSU, incoming freshmen interested in the Commercial Aviation concentration will apply for program admission. Selection criteria considered in admissions decisions include an FAA First Class Medical Certificate, high school GPA, math sub-score on ACT or SAT, and prior flight experience (not required). Transfer student admission will be based on an FAA First Class Medical Certificate, college GPA, completed math courses, and a Private Pilot's license.

K. Mode of Delivery

Provide the planned delivery format(s) of the program as defined in policy (i.e., in-person, online, hybrid). Please also note whether any program requirements can be completed through competency-based assessment.

The planned delivery format is the following:

- General Education: in-person, online, hybrid
- Commercial Aviation core: in-person, online, hybrid
- Aviation Management concentration: in-person, online, hybrid
- Commercial Aviation concentration: in-person
- Public Safety Aviation concentration: in-person, online, hybrid

Can students complete the entire degree program through distance education (100% online) based on the following definition? Yes ☐ No ☒

Although two of the concentrations could be completed through distance education, the drone piloting course, which is in the Aviation core, is an in-person course.

Distance Education: An academic program for which required instructional activities can be completed entirely through distance education modalities. A distance education program may have in-person requirements that are non-instructional (e.g., orientation, practicum).



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L. Instructional Site(s)

Provide the planned location(s) where the program will be delivered (i.e., main campus, satellite campus, off-campus site.) If the program will be offered at an off-campus site, provide the existing site name or submit an **Off-Campus Site Request** if new.

The planned location for program delivery is JSU's main campus, with flight labs and some ground instruction at the Anniston Metropolitan Airport.

Will more than 50% of this program be offered at an off-campus site(s) Yes ☐ No ☒

If **yes**, which sites?

M. Industry Need

Using the federal **Standard Occupational Code (SOC) System**, indicate the top three occupational codes related to post-graduation employment from the program. A full list of SOC codes can be found at <https://www.onetcodeconnector.org/find/family/title#17>.

SOC 1 (required): 53-2012.00 [Commercial Pilots](#) 🌟

SOC 2 (optional): 13-1199.00 [Business Operations Specialists, All Other](#) 🌟

SOC 3 (optional): 33-3021.00 [Detectives and Criminal Investigators](#)

Briefly describe how the program fulfills a specific industry or employment need for the State of Alabama. As appropriate, discuss alignment with Alabama's Statewide or Regional Lists of In-Demand Occupations (<https://www.ache.edu/index.php/policy-guidance/>) or with emerging industries as identified by [Innovate Alabama](#) or the [Economic Development Partnership of Alabama](#) (EDPA).

A major in Aviation with concentrations in Aviation Management and Commercial Aviation directly addresses pressing needs across the aviation industry. Global forecasts indicate the commercial aviation sector will require nearly **1.3 million** new professionals by 2034, including **267,000 new pilots** and **347,000 maintenance technicians** ([Civil Aviation CAE, 2025 report on aviation industry](#)). In North America alone, Boeing projects **123,000** additional pilots are needed over the next two decades, with the U.S. Bureau of Labor Statistics expecting approximately **18,500 pilot job openings annually** through 2033 ([Boeing](#)). This demand is driven by an aging pilot workforce—nearly **17,000 reserving retirement annually**—and growing air travel demand, creating sustained recruitment and retention challenges ([ATP Pilot Career Guide](#)). In fact, nearly 50% of commercial airline pilots are expected to retire in the next thirteen years ([The Guardian](#)).



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These trends translate into compelling career prospects for graduates. According to the Bureau of Labor Statistics, median annual salaries for **airline pilots and copilots** are approximately **\$226,600**, while **commercial pilots** earn around **\$122,700**, far exceeding the national median of \$49,500 ([BLS](#)). Aviation Management roles—including flight operations managers, airport managers, safety inspectors, and airline managers—are also seeing steady growth (5–7% projected through 2028) and offer entry-level salaries ranging from **\$70,000 to \$150,000**, with managerial roles typically offering **\$71,000+ annually**.

Alabama's aviation industry represents a powerful opportunity that JSU's program is poised to support. According to [EDPA](#), aerospace is one of the state's top industries. The state is home to **six commercial airports and over 70 general aviation fields**, which collectively generate \$4.9–5 billion in annual economic activity and support nearly 70,000 jobs across aviation, aerospace, and airport services ([Alabama Department of Transportation](#)). Alabama ranks among the top states for aerospace and aviation, with over **300 aviation and aerospace companies**, including Airbus's major aircraft assembly hub in Mobile, and a concentration of aerospace engineers that ranks fifth nationally. The recent announcement that Space Command will relocate to Huntsville further solidifies Alabama's reputation as a top aviation leader.

These statewide trends emphasize demand for both pilots and aviation managers in Alabama. The state's list of [In-Demand Occupations for 2025](#) includes Commercial Pilots, as well as Detective and Criminal Investigators and General and Operations Managers. As airports expand—like Alabama's six commercial hubs contributing \$1.6–\$1.8 billion each in regional economic impact ([Business Alabama](#))—they require skilled professionals to manage operations, safety, logistics, and staff. By offering both aviation management and Commercial Aviation concentrations, JSU will directly feed this pipeline—preparing graduates to meet Alabama's critical need for qualified pilots, aviation managers, operations specialists, and maintenance professionals across public, private, and defense aviation sectors. For example, our aviation alumni will be valuable for Alabama's military aviation assets and the ongoing needs for the next generation of aviators at Fort Novosel, the home of Army Aviation and the US Army Aviation Center of Excellence; Fort Maxwell and Air Education/University, the Coast Guard Aviation Training Center in Mobile; and three Alabama Air National Guard bases.

Further Evidence of Program Demand

Alabama's official data confirms that aviation jobs are indeed listed among in-demand occupations:



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- **Airline Pilots, Copilots, and Flight Engineers:** As of May 2023, Alabama employed approximately **260 individuals** in these roles, and **commercial pilots** numbered around **1,010**, with projected employment growth of 8.5% for commercial pilots ([U.S. Bureau of Labor Statistics](#)).
- Alabama's Career Exploration Guide explicitly lists these occupations under SOC codes 53-2011 (pilots) and 53-2021 (air traffic controllers), acknowledging them as part of high-growth sectors ([Alabama Department of Labor](#)).

This information confirms that both pilot and related aviation positions are recognized as in-demand in Alabama, underscoring strong workforce opportunities and alignment with JSU's proposed aviation major.

The Public Safety Aviation concentration has a different, but just as positive, outlook. This interdisciplinary degree, which combines aviation with criminal justice and emergency management, prepares first responders in unique ways. Public agencies are rapidly operationalizing drones, with many U.S. law-enforcement agencies now running drone programs and "drones-as-first-responder" models expanding, which creates demand for personnel trained in aviation safety, evidence protocols, and incident command. Drones are also an important tool in disaster mapping and management. Alabama averages about three federally declared disasters per year, underscoring the need for aerial reconnaissance, search-and-rescue, and damage assessment capacity embedded in local and state response teams. The emergency management and public safety drone use indicate robust career opportunities for graduates who can integrate flight operations, sensor payloads, geospatial analysis, disaster response, and public-safety procedures.

N. Additional Education/Training

Please explain whether further education/training is required for graduates of the proposed program to gain entry-level employment in the SOC occupations selected above.

Additional training will be needed for alumni with the professional goal of commercial airline pilot because they will need to log at least 1000 hours to attain the FAA R-ATP, to be hired by an airline, and complete that airline's pilot training program.

O. Student Demand



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Please explain how you projected the student enrollment numbers in the **Business Plan, Lines 24-27** and provide evidence to substantiate student demand (i.e., surveys, enrollments in related courses, etc.).

Student demand for this program is based on a market demand report researched by EAB and on anecdotal evidence. It seems that the state's current aviation programs are at capacity and turning away interested students who would likely be successful at JSU. The workforce data and industry outlook suggest that another aviation program would help Alabama meet future needs in aviation while also allowing students interested in aviation to pursue their dreams. According to EAB, "Between the 2018-2019 and 2022-2023 academic years, relevant student demand increased by an average annual 7.97%. During the same time, the number of competitors grew at a slightly slower rate (average annual 7.24%). Student demand growth outpacing competition growth bodes well for a new aviation program." The report also warns, though, that a handful of schools dominate the field, which could pose challenges. JSU is prepared to face that challenge.

II. Program Resources and Expenses

A. All Proposed Program Personnel

Provide all personnel counts for the proposed program.

Employment Status of Program Personnel		Personnel Information		
		Count from Proposed Program Department	Count from Other Departments	Subtotal of Personnel
Current	Full-Time Faculty	0	15	15
	Part-Time Faculty	0	5	5
	Administration	1	4	5
	Support Staff	1	4	5
**New To Be Hired	Full-Time Faculty	3	1	4
	Part-Time Faculty	10	1	11
	Administration	2	0	2
	Support Staff	1	0	1
Personnel Total				48

Provide justification that the institution has proposed a sufficient number of faculty (full-time and part-time) for the proposed program to ensure curriculum and program quality, integrity, and review:



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JSU plans to hire a Lead Flight Instructor in Spring 2026 and an Aviation Program Director in Summer 2026, with additional plans to hire adjunct certified flight instructors as needed. Other new hires will include terminally-degreed aviation faculty (one every other year as cohorts begin the program), as well as a former police officer and drone pilot to teach on adjunct status initially and another faculty with expertise in meteorology and drones.

Note: Include *any new funds* designated for compensation costs (faculty, administration, and/or support staff to be hired) in the **Business Plan, Line 7 - Personnel Salaries and Benefits**. Current personnel salary/benefits *should not be included* in the Business Plan.

B. Proposed Faculty Roster*

Complete the following **Faculty Roster** to provide a brief summary and qualifications of current faculty and potential new hires specific to the program.

***Note:** Institutions must maintain and have current as well as additional faculty curriculum vitae available upon ACHE request for as long as the program is active, but CVs are **not** to be submitted with this proposal.

Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
Amy Simon FT	CBA 115, Business Fund Orientation, 3 CBA 330, Business Professionalism, 3	MBA, Business Administration. Jacksonville State University, 2010. BS, Finance. Jacksonville State University, 2008.	



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1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
Michael Walker FT	CBA 115, Business Fund Orientation, 3 CBA 350, Business Communications, 3	MBA, Business Administration. Management, Communications. Jacksonville State University, 2022. BT, Technology/Electronics. Jacksonville State University, 1990.	Licensures and Certifications Member of Project Management Institute (PMI) Member of Audio Engineering Society (AES) Member of Audiovisual and Integrated Experience (AVIXIA) Amateur radio (HAM) license Extron AV Associate Crestron Certified Audio Technician Crestron Fundamentals Commercial (CTI-CFC) Association for Business Communication (ABC) InfoComm22 International Tradeshow – June 2022
Cassie Ward FT	CBA 115, Business Fund Orientation, 3 CBA 330, Business Professionalism, 3	MBA, Accounting. Jacksonville State University, 2016. BS, Accounting. Jacksonville State University, 2012.	Licensures and Certifications QuickBooks Certified ProAdvisor. (January 31, 2018 - Present). Professional Business Advisor, America's Small Business Development Center. (January 3, 2017 - Present). Certified Public Accountant, Alabama State Board of Public Accountancy. (July 2, 2014 - Present).
Taleah Collum FT	ACC 200	PhD, Administration/Health Services, (Accounting). University of Alabama at Birmingham, 2013. MS, Accounting, Taxation. Florida State University, 2005. BS, Accounting. Florida State University, 2003.	



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John Sudduth FT	ACC 200, Principles of Accounting I, 3 ACC 210, Principles of Accounting II, 3 FIN 211	MS, Master of Accounting. University of South Alabama, 2005. BS, Psychology. Jacksonville State University, 2012. BS, Accounting. Jacksonville State University, 2004.	
Noah Grady PT	ACC 200, Principles of Accounting I, 3 ACC 210, Principles of Accounting II, 3	MBA, with a concentration in Accounting, Jacksonville State University, 2024. B.S. In Accounting, Jacksonville State University, 2023	
Kihyun Kim FT	CBA 210	PhD, Management of Information Systems/Management, Strategic Management, Statistics, and Computer Science. University of Nebraska at Lincoln, 2004. MA, Management of Information Systems/Management. University of Nebraska at Lincoln, 1999. MBA, Marketing/Business Administration. Korea University, 1992. BBA, Business Administration. Korea University, 1987.	
Yajun Lu FT	CBA 210	PhD, Industrial Engineering & Management, Network Optimization, Data Analytics of Complex Networks with applications in Healthcare and Social Network Analysis. Oklahoma State University, 2019. MS, Industrial Engineering. Huazhong University of Science and Technology, 2011. BS, Industrial Engineering. Zhongyuan University of Technology, 2008.	



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Julie Staples FT	ACC 210, Principles of Accounting II, 3	MS, Master of Accountancy. University of Alabama, 1987. BS, Accounting. University of Alabama, 1986.	
Lindsey Chastain PT	ACC 210, Principles of Accounting II, 3	Master of Accountancy, Auburn University, 2021. B.S. In Accounting and Finance, Jacksonville State University, 2020	
Ben Boozer FT	FIN 211	PhD, Public Administration/Public Policy, (Corporate Finance, Economics, Finance). Auburn University, 2008. <ul style="list-style-type: none"> FINC 6516 Dist. Multination Finance Mgt 3cr. FINC 7646 Advanced Investments, 3cr. FINC 6521 International Finance, 3cr. FINC 6532 E Finance, 3cr. MPA, Public Administration/Business Administration, (Economics and Finance). Jacksonville State University, 1992. <ul style="list-style-type: none"> FIN 515 Fin Planning/Policy, 3cr. FIN 474G Investments, 3cr. FIN 598 Independent Research, 3cr. BS, Economics. Jacksonville State University, 1990. 21 graduate hours Finance.	



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Shawn Carter FT	EC 221, Prin of Microeconomics, 3 EC 222, Prin of Macroeconomics, 3	PhD in Economics, Texas A&M University, 1997. B.S. In Economics, Jacksonville State University, 1989.	
Sean-Patrick Alvarez FT	EC 221, Prin of Microeconomics, 3 EC 222, Prin of Macroeconomics, 3	PhD in Economics, Middle Tennessee State University, 2023 M.A. In Economics, Middle Tennessee State University, 2023. B.S. in Economics, Troy University, 2019.	
William Hankins FT	EC 221, Prin of Microeconomics, 3 EC 222, Prin of Macroeconomics, 3	PhD, Economics. University of Alabama, 2014. BA, Economics, History. Auburn University, 2006. BA, Political Science. Auburn University, 2006.	
Brent Wright PT	EC 221, Prin of Microeconomics, 3 EC 222, Prin of Macroeconomics, 3	PhD candidate, Valdosta State University, admitted 2018. MBA in Economics, Auburn University Montgomery, 2009. B.S. in Business Administration, Auburn University, 2007	
Luke Becker PT	EC 221, Prin of Microeconomics, 3 EC 222, Prin of Macroeconomics, 3	MBA in Economics, Upper Iowa University, 2018. B.S. In Business Management, Iowa State University, 2013.	
Christopher Chaffin PT	EC 221, Prin of Microeconomics, 3 EC 222, Prin of Macroeconomics, 3	Ed.D in Educational Leadership, University of the Cumberland, 2021. MBA in Business Administration, Jacksonville State University, 2015. B.S. In Finance, JSU, 2008.	



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Falynn Turley FT	ST 260, Stats Quant Methods I, 3	<p>PhD, Biostatistics, (Research Methods and Clinical Trials). University of Alabama at Birmingham, 2017.</p> <p>MS, Mathematics, Statistics. Jacksonville State University, 2009.</p> <p>BS, Mathematics, Business. Jacksonville State University, 2007.</p>	
Keith Lowe FT	ST 260, Stats Quant Methods I, 3	<p>PhD, Higher Education Administration, (Computer Systems & Software Design). The University of Alabama, 2007.</p> <ul style="list-style-type: none"> • BER 600 Quantitative Research Methods, 3cr. • BER 540 Statistical Methods, 3cr. • BER 545 Analysis of Variance, 3cr. • BER 603 Survey of Research, 3cr. • ST 560 Statistical Methods, 3cr. • AHE 642 Inst Research & Assessment, 3cr. <p>MBA, (30 hours of business statistics). Jacksonville State University, 1996.</p> <ul style="list-style-type: none"> • ST 518 Quantitative Methods in BA, 3cr. • BA 500 Stat & Quant Methods, 3cr. • BA 540 Tech & Total Quality, 3cr. • MBA 660 Business Statistics, 3cr. <p>BS, Management, Human Resource Management. Jacksonville State University, 1994.</p>	



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Brent Heard FT	ST 260, Stats Quant Methods I, 3	M.S. In Mathematics, Jacksonville State University, 1987. B.S. in Mathematics with a minor in English, Jacksonville State University, 1984.	
Jinping Huang FT	MKT 301, Principles of Marketing, 3	PhD, Business Administration. Marketing, Marketing Strategy and Advertisement. University of Memphis, 2017. MS, Finance. University of Memphis, 2012. MBA, Marketing Strategy. Nanjing University, 2011. BA, Business Administration. University of Science & Technology of China, 2005.	
Wei Ning FT	MKT 301, Principles of Marketing, 3 MGT 305, Organizational Behavior, 3	PhD, International Business Administration, Management. Texas A&M International University, 2018. MBA. University of Detroit Mercy, 2012.	
Brandy Roberts PT	MGT 305, Organizational Behavior, 3	MBA, Master of Business Administration. Jacksonville State University, 2020. BS, Business Management. Jacksonville State University, 2018. Technology Diploma, Business and Office Technology Diploma. Georgia Northwestern Technical College, 1996.	
Jennifer Gault PT	MGT 301, Principles of Management, 3 MGT 305, Organizational Behavior, 3	MBA, Jacksonville State University, 2022. B.S. In Marketing, Jacksonville State University, 2002	



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Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
Dr. Albi Alikaj FT	MGT 301, Principles of Management, 3	PhD, International Business Administration, Management. Texas A&M International University, 2019. MBA, Business Administration. Southern Arkansas University, 2011. BBA, Accounting and Finance. Southern Arkansas University, 2008.	
Tiffany Reaves PT	MGT 301, Principles of Management, 3 MGT 385, Human Resource Mgt, 3	MBA, Business Administration. Jacksonville State University, 2021. BBA, Human Resources Management. Athens State University, 2001.	
Cole Woodard FT	MGT 385, Human Resource Mgt, 3	Doctor of Business Administration, Jacksonville University, 2025. Juris Doctor, Florida Coastal School of Law, 2018. MBA, Marshall University, 2014. BBA, Management, Marshall University, 2007	
Carol Lucy FT	MGT 330, Entrepreneurship, 3	PhD, Business Administration, Southern Illinois University, 2017. MBA, Saint Louis University, 1995. B.S. in Computer Science, Southeast Missouri State University, 1984	
Xiang Yi FT	MGT 491, Management Seminar, 3	PhD, Human Resources and Industrial Relations. University of Illinois, 2002. MHRIR, Human Resources and Industrial Relations. University of Illinois, 1999. BA, Economics. Peking University, 1996.	



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Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
Mark Sciuchetti FT	<p>GY 208, Intro to Digital Map & GIS, 3</p> <p>GY 250, Physical Geography I Atmo Patt, 3 GY 252</p>	<p>PhD, Geography, Florida State University 2019</p> <p>MBA, Business. Jacksonville State University, 2024.</p> <p>Masters of Music, Musicology. Florida State University, 2018</p> <p>MA, History, Musicology. Columbus State University, 2015</p> <p>BA, History/Music. Columbus State University, 2013</p> <p>AA, Music/History. Emory University, 2009.</p>	
Sean Chenoweth	<p>GY 333 Meteorology (3)</p> <p>GY 250, Physical Geography I Atmo Patt, 3</p> <p>GY 252, Physical Geography Lab I,</p> <p>GIS 408 Drone Piloting and Mapping (3)</p>	<p>PhD, Geography, University of Wisconsin - Milwaukee, 2003</p> <p>MA, Geography, University of Arkansas, 1997</p> <p>BA, GIS, Physical Geography, Biology. University of Miami, 1994</p>	<p>Licensures and Certifications</p> <p>Remote Pilot - Small Unmanned Aircraft Systems - Recurrent Knowledge Test, Federal Aviation Administration (FAA). (October 1, 2021 - October 31, 2023).</p>
Saeideh Gharehchahi	<p>GY 250, Physical Geography I Atmo Patt, 3</p> <p>GY 252, Physical Geography Lab I,</p>	<p>PhD, Geographic Information Science, Texas State University, 2019</p> <p>MS, Geomorphology in Environmental Planning, Physical Geography. Shahid Beheshti University of Tehran, 2012</p> <p>BS, Physical Geography, Geomorphology. Shahid Beheshti University of Tehran, 2009</p>	
Subhasis Ghosh	<p>GY 250, Physical Geography I Atmo Patt, 3</p> <p>GY 252, Physical Geography Lab I,</p>	<p>PhD in Earth Systems Science, Auburn University, 2025.</p> <p>M.S. in Geography, Auburn University, 2024.</p> <p>B.A. in Geography, Visva-Bharati (India) WES Certified.</p>	



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Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
Jed DeBruin	GY 250, Physical Geography I Atmo Patt, 3 GY 252, Physical Geography Lab I,	PhD in Geography, University of Kentucky, 2024. M.A. in Geography, West Virginia University, 2019. B.A. in Geography, Ohio State University, 2017.	
Peter Bryant	PHS 201, College Physics I, 3 PHS 203, College Physics Lab Tech I,	PhD in Physics, University of Texas at Austin, 2012. M.S. in Physics, University of Kansas, 2005. B.S. in Aerospace Engineering, 1996	
Laura Weinkauff	PHS 201, College Physics I, 3 PHS 203, College Physics Lab Tech I,	PhD, Physics, Elementary Particle Phenomenology. The Pennsylvania State University, 1993 BA, Physics. Carleton College, 1987	
Denise DaSilva (FT)	EM 301, Intro to Disaster Management, 3	MPA, Public Administration with Emergency Management concentration, Jacksonville State University, 2002. BA, English Literature. Florida State University, 1990.	
Rhonda Braudis (PT)	PST 313 Introduction to Crisis Intervention (3)	MA, Emergency and Disaster Management. American Public University, 2012. BS, Organizational Leadership. University of Arkansas, 2010.	
Chan Wang (FT)	EM 411, Disaster Response & Recovery, 3	PhD, Public Administration, Arizona State University, 2023 MPA, Renmin University, China, 2018 BA, Public Admin & Policy, Renmin University, China, 2016	



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New Program Proposal

Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
Undra Lawson (FT)	CJ 101, Intro to Criminal Justice, 3	M.S. in Criminal Justice, Jacksonville State University, 2021. B.S. in Criminal Justice, Jacksonville State University, 2023	
Brian Patton (FT)	CJ 101, Intro to Criminal Justice, 3 CJ 202, Intro to Law Enforcement, 3	MS, Criminal Justice. Jacksonville State University, 2009. BS, Forensic Investigation, Law Enforcement. Jacksonville State University, 2006.	
Todd Wilson (PT)	CJ 101, Intro to Criminal Justice, 3	M.S. in Criminal Justice, Jacksonville State University, 2014. M.S in Sport Management, Jacksonville State University, 2016. B.S. in Criminal Justice, Jacksonville State University, 2010.	
Alice Martin (PT)	CJ 101, Intro to Criminal Justice, 3	JD. The Birmingham School of Law, 1999. BA, Political Science. Jacksonville State University, 1996.	
Paul Irwin (PT)	CJ 202, Intro to Law Enforcement, 3	J.D. in Law, Birmingham School of Law, 2004. B.S. in Criminal Justice, University of Alabama Birmingham, 1999. A.S. in Criminal Justice, Jefferson State Community College, 1998.	
Chris Haney (FT)	CJ 320, Criminal Investigations, 3	MS, Criminal Justice. Jacksonville State University, 2012. BS, Criminal Justice, Law Enforcement. Jacksonville State University, 2010.	



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Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
Leah Belser (FT)	CJ 101, Intro to Criminal Justice, 3	<p>MS, Community Agency Counseling, Counselor Education. Jacksonville State University, 2000.</p> <p>BS, Exercise Science/Wellness, Gerontology. Jacksonville State University, 1993.</p>	<p>Selected Qualifications related to Courses Taught</p> <p>Brooks Place Children's Advocacy Center LLC, Forensic Interview Specialist /Forensic Evaluator/ Trauma Therapist/ Licensed Professional Counselor, 2019 - 2020</p> <p>The University of Alabama, School of Social Work, Therapist/ Assessed placement and therapeutic needs of juvenile sex offenders Youth Services Institute, 2018</p> <p>Walker County Children's Advocacy Center, Executive Director/Forensic Interview Specialist/ Forensic Evaluator/ Expert Court Testimony, 2014 - 2018</p> <p>National Children's Advocacy Center, Forensic Interview Specialist / Forensic Evaluator / Trauma Therapist, 2006 - 2008</p> <p>Child Advocacy Center of Cullman, Forensic Interview Specialist/ Multi-disciplinary Team and Program Coordinator, 1997 - 2000</p> <p>Licensures and Certifications</p> <p>Forensic Interviewers at Trial, NCAC, Huntsville PD, Madison County DA. (October 28, 2019 - Present).</p>



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Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
Dean Buttram (PT)	CJ 320, Criminal Investigations, 3	<p>EDD, Education, Higher Education Administration. The University of Alabama, 2007.</p> <p>MPA, Public Administration, Criminal Justice. Jacksonville State University, 1994.</p> <p>BS, Forensic Science, Corrections. Jacksonville State University, 1992.</p>	
Chris Murtaugh (FT)	CJ 335, Juvenile Justice, 3	<p>PhD, Social Policy. Heller School for Social Policy and Management, Brandeis University, Waltham, MA, 2010.</p> <p>MS, Criminal Justice. Westfield State College, Westfield, MA, 1998.</p> <p>BS, Criminal Justice. University of Massachusetts, Boston, MA, 1994.</p> <p>AS, Law Enforcement. Massachusetts Bay Community College, Wellesley, MA, 1980.</p>	
Christina Kilgore (PT)	CJ 365, Case and Court Preparation, 3	<p>JD. University of Alabama, 1998.</p> <p>BS, Economics. University of Alabama, 1995.</p>	
Aubrey Leah Simmons (FT)	CJ 395, Crime Prevention, 3	<p>PhD, Criminal Justice Intelligence. University of North Georgia, expected 2025.</p> <p>MA, Integrated Studies - Criminal Justice/Emergency Management. Jacksonville State University, 2021.</p> <p>BS, Family and Consumer Sciences, Merchandising. Jacksonville State University, 2005.</p>	



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Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
Additional Faculty (To Be Hired)			
1	2	3	4
FACULTY POSITION (FT, PT)	COURSES TO BE TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
FT	AVN 101 Aviation Foundations AVN 110 Aviation Human Factors AVN 205 Airspace Management	PhD, MS, BS	Administrative experience preferred Military or commercial flight experience preferred
FT	Flight courses and labs: AVN 105, AVN 150, AVN 151, AVN 201, AVN 205, AVN 252, AVN 301, AVN 350, AVN 340, AVN 351, AVN 440, AVN 450, AVN 451, AVN 470	Chief Flight Instructor	FAA licenses in Private Pilot, Commercial Pilot, Instrument Rating, Certified Flight Instructor, Multi-Engine Rating
PT	Flight courses and labs: AVN 105, AVN 150, AVN 151, AVN 201, AVN 205, AVN 252, AVN 301, AVN 350, AVN 340, AVN 351, AVN 440, AVN 450, AVN 451, AVN 470	Adjunct Flight Instructors (10)	FAA licenses in Private Pilot, Commercial Pilot, Instrument Rating, Certified Flight Instructor, Multi-Engine Rating
PT	CJ 230 Public Safety Drone Piloting I CJ 340 Public Safety Drone Piloting II	Adjunct Drone Pilot Instructor	FAA Part 107 UAS license, police/first responder experience



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New Program Proposal

Current Faculty			
1	2	3	4
CURRENT FACULTY NAME (FT, PT)	COURSES TAUGHT including Term, Course Number, Course Title, & Credit Hours (D, UN, UT, G, DU)	ACADEMIC DEGREES and COURSEWORK Relevant to Courses Taught, including Institution and Major; List Specific Graduate Coursework, if needed	OTHER QUALIFICATIONS and COMMENTS Related to Courses Taught and Modality(ies) (IP, OL, HY, OCIS)
FT	AVN 310 Aircraft Maintenance AVN 320 Airline Operations and Management AVN 311 Aircraft Systems and Management AVN 330 Aviation Law AVN 401 Commercial Aviation Safety AVN 420 Airport Planning and Management AVN 460 Air Cargo Operations	Full-time, ranked faculty (3) Doctoral or law degree	Pilot certifications, military experience, teaching experience
FT	GY 333 Meteorology, GIS Drone Piloting and Mapping	PhD	FAA Part 107 UAS license

Abbreviations: (FT, PT): Full-Time, Part-Time; (D, UN, UT, G, DU): Developmental, Undergraduate Nontransferable, Undergraduate Transferable, Graduate, Dual: High School Dual Enrollment
 Course Modality: (IP, OL, HY, OCIS): In-Person, Online, Hybrid, Off-Campus Instructional Site

C. Equipment

Will any special equipment be needed specifically for this program? Yes ☒ No ☐

JSU is collaborating with a flight school that has the needed equipment (airplanes, flight simulators, etc.). JSU already owns several drones. The equipment budget is for computers for faculty and administrators.

D. Facilities

Will new facilities or renovations to existing infrastructure be required specifically for the program?
 Yes ☐ No ☒

If **yes**, describe the new facilities or renovations and include all *new* facilities and/or *renovation* costs in the **Business Plan, Line 9**:



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E. Assistantships/Fellowships

Will the institution offer any assistantships specifically for this program? Yes ☐ No ☒

If **yes**, provide the number of assistantships to be offered and include all *new* costs for assistantships in the ***Business Plan, Line 10.***

Explain the function of the Assistantships (i.e., teaching, research, etc.)?:

F. Library

Will any **additional** library resources be purchased to support the program? Yes ☒ No ☐

Pending funding, the library will plan the immediate purchase of approximately 300-500 monographs and reference works to address weak areas identified. The average estimated cost of titles in the aviation field is around \$60.00 per monograph. An influx of approximately \$30,000 (phased over two years) is needed. Future budgets would require sustained allocations in these areas to maintain the collection at the 3a level. Several hundred books in the area are published annually; therefore, the library should work closely with faculty to ensure that titles purchased correlate strongly with the curriculum and coursework of the undergraduate programs.

Acquisition tools for the area should be identified and compared against the library's holdings. These include recent titles listed in *Gobi*, *Choice*, and *AIAA Publications*. As the business plan indicates, \$15,000 per year is planned for library resources.

G. Accreditation Expenses

If programmatic accreditation was indicated above, please include all accreditation costs in the ***Business Plan, Line 12*** and itemize and explain below:

The program will seek Aviation Accreditation Board International (AABI) accreditation in the future. We will begin this process by becoming an AABI Educator Member where we will receive instruction on when we can begin the application for candidacy. Full accreditation cannot be achieved until there are program completers and evidence of adequate assessment of student and program learning outcomes is available. The cost of becoming an educator member is \$1500 per year. Educator member status will make available access to the necessary resources and support to seek accreditation.

The FAA Part 141 "accreditation" will be handled by JSU's flight school partner.



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H. Other Costs

Please include all other costs incurred with program implementation, such as marketing or recruitment, in the **Business Plan, Line 13** and explain below:

JSU will add this new major to current marketing and recruitment materials and events. The department will have an annual budget to support marketing and recruitment (brochures, swag, signs). Included on the budget is also the anticipated costs associated with the flight labs; students will pay course fees to cover the cost of the flight instruction, which will be billed to JSU by the partnering flight school.

III. Program Revenue and Funding

A. Tuition Revenue: Please describe how you calculated the tuition revenue that appears in the **Business Plan, Line 17**. Specifically, did you calculate using cost per credit hour or per term? Did you factor in differences between resident and non-resident tuition rates?

Note: Tuition Revenue should be proportional to total enrollment.

The current in-state tuition rate and the current general university fee for undergraduates were used to calculate the tuition and fee revenue on a per-semester basis. Fees are primarily the flight lab fees, which would address the partnering flight school's hourly billing, but the fee totals also include a \$100/semester program fee, which would stay at JSU. Faculty would be added in years 1, 3, and 5, and the salary total also includes a 2% COLA. The equipment line is to assist with computers, and the "other" is operating funds for accreditation, travel, etc., and it will be supplemented with the program fee. External partners, such as regional airports, municipalities, commercial airlines and cargo companies, would also help with financing this program by donating equipment, offering paid internships, etc.

B. External Funding: Will the proposed program require external funding (e.g., Perkins, Foundation, Federal Grants, Sponsored Research, etc.)? **Yes** ☐ **No** ☒

If **yes**, please include all external funding in the **Business Plan, Line 18** and explain specific sources and funding below:

C. Reallocations: For each year will tuition revenue and/or external funding cover projected expenses? **Yes** ☒ **No** ☐

If **not**, budget reallocation may be required. Please include all reallocations in the **Business Plan, Line 19** and describe below how your institution will cover any shortfalls in any given year.

1	ACADEMIC DEGREE PROGRAM BUSINESS PLAN								
2	INSTITUTION:	Jacksonville State University							
3	PROGRAM NAME:	Aviation					CIP CODE:	49.0101	
4	SELECT LEVEL:	UNDERGRADUATE (BACHELOR'S)							
5	ESTIMATED *NEW* EXPENSES TO IMPLEMENT PROPOSED PROGRAM								
6		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL
7	PERSONNEL SALARIES & BENEFITS	\$170,000	\$170,000	\$270,000	\$270,000	\$370,000	\$370,000	\$470,000	\$2,090,000
8	EQUIPMENT	\$12,000	\$12,000	\$17,000	\$17,000	\$22,000	\$22,000	\$27,000	\$129,000
9	FACILITIES								\$0
10	ASSISTANTSHIPS/FELLOWSHIPS								\$0
11	LIBRARY	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$105,000
12	ACCREDITATION	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$1,500	\$10,500
13	OTHER COSTS	\$642,750	\$1,285,500	\$2,060,375	\$2,810,750	\$3,243,125	\$3,568,375	\$4,000,750	\$17,611,625
14	TOTAL EXPENSES	\$841,250	\$1,484,000	\$2,363,875	\$3,114,250	\$3,651,625	\$3,976,875	\$4,514,250	\$19,946,125
15	*NEW* REVENUES AVAILABLE FOR PROGRAM SUPPORT								
16		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	TOTAL
17	TUITION + FEES	\$1,014,450	\$2,028,900	\$3,237,425	\$4,421,450	\$5,101,625	\$5,612,725	\$6,292,900	\$27,709,475
18	EXTERNAL FUNDING								\$0
19	REALLOCATIONS								\$0
20	TOTAL REVENUES	\$1,014,450	\$2,028,900	\$3,237,425	\$4,421,450	\$5,101,625	\$5,612,725	\$6,292,900	\$27,709,475
21	ENROLLMENT PROJECTIONS								
22									
23		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
24	FULL-TIME ENROLLMENT HEADCOUNT	No data reporting	25	55	85	100	115	125	84.17
25	PART-TIME ENROLLMENT HEADCOUNT								0.00
26	TOTAL ENROLLMENT HEADCOUNT		25	55	85	100	115	125	84.17
27	NEW ENROLLMENT HEADCOUNT		35	40	45	50	50	60	46.67
28	Validation of Enrollment			YES	YES	YES	YES	YES	
29	DEGREE COMPLETION PROJECTIONS								
30	Note: Do not count Lead "0"s and Lead 0 years in computing the average annual degree completions.								
31		Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	AVERAGE
32	DEGREE COMPLETION PROJECTIONS	No data reporting			15	22	30	30	24.25

Undergraduate Curriculum Plan

Undergraduate Curriculum Checklist:

- | | |
|--------------------------|--------------------------|
| 1. Overview | <input type="checkbox"/> |
| 2. Components | <input type="checkbox"/> |
| 3. Options (as required) | <input type="checkbox"/> |

1. Undergraduate Overview

**Enter the credit hour value for all applicable components (N/A if not applicable).
The credit hours MUST match the credit hours in the Curriculum Components table.**

Curriculum Overview of Proposed Program	
Credit hours required in General Education	41
Credit hours required in Program Courses & Required Electives	39-51
Credit hours in Program Options (concentrations/specializations/tracks)	24
Credit hours in Free Electives	4 to 14
Credit hours in required Capstone/Internship/Practicum	0
Total Credit Hours Required for Completion:	120

Maximum number of credits that can be transferred in from another institution and applied to the program:	60
Intended program duration in semesters for full-time students:	8
Intended program duration in semesters for part-time students:	16

Does the program require students to demonstrate industry-validated skills, specifically through an embedded industry-recognized certification, structured work-based learning with an employer partner, or alignment with nationally recognized industry standards?:	YES	NO
	Yes	<input type="checkbox"/>

If **yes**, please explain (i.e., number of hours required, etc.): All concentration embed UAS/Drone piloting in a 3-hour course that prepares students to sit for the FAA Part 107 exam. The Commercial Aviation concentration also embeds flight time and preparation for the FAA Private Pilot License, Instrument Rating, Commercial Pilot License, and Certified Flight Instructor. The concentration also enables alumni to obtain the R-ATP with reduced hours (1000).

	YES	NO
Does the program include any concentrations/ tracks/ options? Commercial Aviation, Aviation Management, Public Safety Aviation	Yes	<input type="checkbox"/>

2. Undergraduate Components

Please provide all course information as indicated in the following table. Indicate new courses with "Y" in the associated column. If the course includes a required work-based learning component, such as an internship or practicum course, please indicate with a "Y" in the WBL column.

Insert Additional Rows as Needed				
Institution:	Jacksonville State University			
Program Name:	Aviation			
Program Level:	UNDERGRADUATE (BACHELOR'S)			
Curriculum Components of Proposed Program				
Course Number	Course Name	Credit Hours	New? (Y)	WBL? (Y)
General Education Courses		41		
EH 101/103/105	English Composition I	3		
EH 102/104/106	English Composition II	3		
GY 250/252	Physical Geography with Lab	4		
HY	History	3		
Science	Science with Lab	4		
MS	Math	3		
EH 141	Speech	3		
EH	Literature Sequence	6		
EC	Economics	3		
Art/EHTHE/FLM/MU	Fine Arts	3		
Social Science	Social Science	6		
Program Courses and Required Electives		39		
AVN 101	Aviation Foundations	3	Y	
AVN 110	Aviation Human Factors	3	Y	
GIS 408	Drone Piloting and Mapping	3		
GIY 333	Meteorology	3		
AVN 205	Airspace Management	3	Y	
AVN 310	Aircraft Maintenance	3	Y	
AVN 320	Airline Operations and Management	3	Y	
AVN 311	Aircraft Systems and Management	3	Y	
AVN 330	Aviation Law	3	Y	
AVN 401	Commercial Aviation Safety	3	Y	
AVN 420	Airport Planning and Management	3	Y	
AVN 460	Air Cargo Operations	3	Y	
GY 208	Intro to Digital Mapping and GIS	3		
Program Options (enter total credit hours from all options below)				
Free Electives		4 to 14		
Free Electives	Free Electives vary by concentration:			
	Commercial Aviation (14 hours)			
	Aviation Management (4 hours)			
	Public Safety Aviation (10 hours)			
Capstone/Internship/Practicum				
Total Credit Hours Required for Completion:		120		

3. Undergraduate Options

Please provide all concentrations/ tracks/ options in the following table. Indicate new courses with “Y” in the associated column. If the course includes a required work-based learning component, such as an internship or practicum course, please indicate with a “Y” in the WBL column.

Insert Additional Rows and Tables as Needed				
Option Name:	Commercial Aviation			
Course Number		Credit Hours	New? (Y)	WBL? (Y)
AVN 105	Private Pilot Foundations	2	Y	
AVN 150	Private Pilot Flight Lab I	1	Y	
AVN 151	Private Pilot Flight Lab II	1	Y	
AVN 201	Instrument Pilot Foundations	2	Y	
AVN 250	Instrument Pilot Flight Lab I	1	Y	
AVN 252	Instrument Pilot Flight Lab II	1	Y	
AVN 301	Commercial Pilot Foundations	3	Y	
AVN 350	Commercial Pilot Flight Lab I	1	Y	
AVN 351	Commercial Pilot Flight Lab II	1	Y	
AVN 340	Aerodynamics of Flight	3	Y	
AVN 440	Propulsion Systems	3	Y	
AVN 450	Commercial Pilot Flight Lab III	1	Y	
AVN 451	Commercial Pilot Flight Lab IV	1	Y	
VN 470	Crew Resource Management	3	Y	
Option's Total Credit Hours Required for Completion:		24		
Option Name:	Aviation Management			
Course Number		Credit Hours	New? (Y)	WBL? (Y)
MKT 301	Principles of Marketing	3		
MGT 305	Organizational Behavior	3		
CBA 330	Business Professionalism	3		
MGT 330	Entrepreneurship	3		
CBA 350	Business Communication	3		
MGT 301	Principles of Management	3		
MGT 385	Human Resource Management	3		
MGT 491	Management Seminar	3		
	This Concentration takes following pre-professional:			
CBA 115	Business Fundamentals	3		
ACC 200	Principles of Accounting	3		
CBA 210	Information Technology for Business	3		
FIN 211	Personal Finance	3		
ST 260	Statistics/Quantitative Methods	3		
Total Option Credit Hours Required for Completion:		24		
Option Name:	Public Safety Aviation			
Course Number		Credit	New?	WBL?

Course Number		Hours	(Y)	(Y)
EM 301	Intro to Disaster Management	3		
CJ 340	Public Safety Drone Piloting II	3	Y	
CJ 320	Criminal Investigations	3		
CJ 355	Crime Mapping/Analysis	3		
PST 313	Intro to Crisis Intervention	3		
CJ 365	Case/Court Prep	3		
EM 411	Disaster Response/Recovery	3		
CJ 395	Crime Prevention	3		
	This Concentration takes following pre-professional:			
CJ 101	Intro to Criminal Justice	3		
CJ 202	Intro to Law Enforcement	3		
Total Option Credit Hours Required for Completion:		24		

OFFICE OF THE MAYOR

ALTON CRAFT
MAYOR



City of Oxford

CITY COUNCIL
PHIL GARDNER
MIKE HENDERSON
CHARLOTTE HUBBARD
CHRIS SPURLIN
STEVEN WAITS

July 8, 2025

Dr. Don Killingsworth
Office of the President
Jacksonville State University
700 Pelham Road North
Jacksonville, AL 36265

Dear Dr. Killingsworth:

I am writing to express my strong support for Jacksonville State University's continued development and the idea of its future pilot and aviation programs.

As aviation continues to play a critical role in global commerce, transportation, national defense, and emergency response, institutions like JSU have an opportunity—and a responsibility—to equip the next generation of pilots, aviation professionals, and aerospace innovators. By investing in high-quality training, cutting-edge facilities, and strategic industry partnerships, JSU can serve as a hub of aviation excellence not only in Alabama but across the Southeastern United States.

Programs in aviation provide more than technical training—they foster leadership, critical thinking, and a deep understanding of safety, technology, and logistics. With the current pilot shortage and the increasing demand for skilled professionals in the aviation sector, JSU is uniquely positioned to make a meaningful impact on both the regional economy and the broader aviation industry.

I fully support initiatives to introduce JSU's aviation offerings and investment in flight simulation technology, fleet modernization, curriculum development, and faculty recruitment. I also hope to see more collaboration with local airports, aerospace companies, and government agencies to provide real-world experience and job placement opportunities for students.

Thank you for your vision and commitment to shaping a stronger future for both your students and the industries they will lead.

Sincerely,

Alton Craft
Mayor, City of Oxford

September 8th, 2025

Alabama Commission on Higher Education
100 North Union Street, Room 782
Montgomery, AL 36104

Subject: Letter of Support

On behalf of Jacksonville State University, I am writing this letter of support regarding the proposed Bachelor of Science in Aviation program. As a long time Jacksonville resident, and current commercial aviator, I personally have a vested interest in this endeavor. I work for one of the largest aggregate companies in the U.S, Vulcan Materials, located in Birmingham, Alabama.

Along with my position as Air Captain II, I am also the flight department's Training Officer. As the title implies, I am responsible for many duties as a Captain but none as challenging and rewarding as training. I hold an FFA Flight Instructor Certification and actively give training to many experienced aviators as well as up and coming trainees. Our flying consists of Part 91, commercial corporate aviation.

My journey started in 2003, right at our very own Anniston airport where I earned my Private Pilot Certificate. I can still remember my first solo and the short flights north to Jacksonville using JSU's campus and library as navigational way points. Through the years, I have often thought how great it would be to have professional flight training in our area with all the resources we have, especially with the university and the airport being in such proximity of the other.

When I found out that JSU was considering this program, I immediately thought about the strength of an established facility that already has so much to offer in the way of business, science, management, etc. If JSU could incorporate a flight training curriculum, many would benefit as candidates currently have to travel up to two hours away to find the nearest program, most being turned away. From a corporate flight department standpoint, the current pilot pool is very slim. Although it takes many flight hours to be eligible for any corporate, charter and airline position, there are currently 200 open positions just in Alabama with over 18,000 nationwide. These are pilot positions only and does not reflect any other support roles. With the President's recent announcement of Space Command being re located to Huntsville, AL, this is sure to increase demand in a positive way and create many job opportunities.

In closing, there is a need for professional aviation training in our area. I appreciate your consideration in advance of JSU's proposal to fulfill this need in training the next generation of aviators!

Sincerely,

Lonnie T. Welch II
Air Captain II / Training Officer
Vulcan Materials