


# AABInternational

 <p>DEPARTMENT OF AVIATION MINNESOTA STATE UNIVERSITY, MANKATO</p>	<p><b>MINNESOTA STATE UNIVERSITY, MANKATO</b></p>	<p>Minnesota State University, Mankato's mission statement sums up its commitment to excellence in all areas.</p> <p><b><u>MSU MISSION STATEMENT</u></b></p>
	<p><b>COLLEGE OF EDUCATION</b></p>	<p>Minnesota State University, Mankato promotes learning through effective undergraduate and graduate teaching, scholarship, and research in service to the state, the region and the global community.</p>
	<p><b>AVIATION PROGRAM, PROFESSIONAL FLIGHT</b></p>	<p>Minnesota State University, Mankato promotes learning through effective undergraduate and graduate teaching, scholarship, and research in service to the state, the region and the global community.</p>
<p>November 2019</p>	<p><b>STUDENT ACHIEVEMENT DATA</b></p>	<p><b><u>MSU VISION STATEMENT</u></b></p>

The MSU Vision Statement reflects the belief in the commitment to excellence, service to the community, and absolute commitment to student learning:

- 1) Minnesota State Mankato will be known as a university where people expect to go further than they thought possible by combining knowledge and the passion to achieve great things.
- 2) Our foundation for this vision is our heritage of both dedicated teaching and the direct application of knowledge to improve a diverse community and world. We will achieve it by actively nurturing the passion within students, faculty and staff to push beyond possibility on the way to realizing dreams.

## **MSU STATEMENT OF GOALS**

As a further commitment to excellence, MSU has adopted goals and values that are both philosophical and strategic in nature, stated in its Statement of Goals:

- 1) The University will foster an actively engaged and inclusive learning community based upon civility, trust, integrity, respect, and diversity in a safe, welcoming physical environment
- 2) The University will strengthen its role as a major provider of graduate education, offering intensive, scholarly graduate programs including collaborative efforts with other institutions and professionals, culminating in student expertise at professional levels

- 3) The University will enhance advising, support services, and learning experiences that aid students in identifying life goals, planning academic careers, and achieving timely graduation
- 4) The University will increase the quantity and quality of service to the state, region, and global community through collaborations, partnerships, and opportunities for cultural enrichment and continuous learning
- 5) The University will invest in the professional development of all members of the University Community and in the appropriate technologies necessary to achieve excellence in learning through teaching, research, and service
- 6) The University, as a whole and in all of its parts, will establish priorities through planning and assessment processes that anticipate our needs and focus our efforts and resources in support of our mission and goals

## **MINNESOTA STATE UNIVERSITY**

### **AVIATION PROGRAM MISSION STATEMENT**

The mission of Minnesota State University's aviation program is to educate students today who will become professionals responsible for the safe and efficient design, management, and operation of the aviation system tomorrow. The program combines all elements of a substantive university education with aviation, flight, and management components to graduate well prepared aviation professionals. Acquisition of airmanship knowledge, skills, and ability while in college develops professionalism, responsibility, self-reliance and marketable skills for early career progression, and provides important experiences which ensure a level of understanding and competency essential to becoming an effective leader in an aviation profession.

## **Assessment Measures**

The department has four primary assessment measures. They are:

1. Institutional Undergraduate Student Learning Outcomes
2. Program Effectiveness
3. Program Quality
4. Course Effectiveness/Learning Outcomes

## Institutional Undergraduate Student Learning Outcomes

Institutional Student Learning Outcomes were developed by the Assessment and Evaluation Sub Meet for the University, and vetted with the shared governance units of the campus community. The result of these efforts yielded the following 7 Institutional Undergraduate Student Learning Outcomes in November, 2010:

1. Academic Achievement - Students will demonstrate competence in specific areas of academic disciplines that will directly impact their career endeavors.
2. Civic Engagement - Students will demonstrate the awareness, knowledge, and skills to actively participate individually or collectively on issues of societal concern.
3. Communication - Students will demonstrate the ability to effectively communicate verbally, in writing, and through digital and/or visual media.
4. Critical Thinking - Students will demonstrate the ability to analyze situations and problems in order to identify and test solutions.
5. Global Citizenship - Students will demonstrate an awareness and knowledge of international cultures and societies.
6. Multiculturalism/Diversity - Students will demonstrate an awareness and knowledge of social, cultural and personal values of others.
7. Self-Directed Learning - Students will demonstrate the ability to autonomously acquire knowledge and develop skills.

Four of the seven institutional student learning outcomes for Minnesota State University - Mankato are integrated into the Aviation Program curriculum and assessed.

## Program Effectiveness

Program effectiveness is assessed on 7 measures, ***Department Student Learning Objectives***, as adopted by the Industry Advisory Board and the Faculty. They are:

1. To express oneself clearly and quickly in written and oral presentations.
2. Instill the importance of being able to continue training, education, and intellectual development after graduation to include a reading program to remain current.
3. Demonstrate the ability to read and comprehend literature to be able to solve problems in the field.
4. Work collaboratively and effectively as part of a team (crew).
5. Demonstrate a basic understanding of the leadership and managerial skills you will need to be an effective leader in the aviation industry.
6. Perform basic research, interpret, and analyze the data you develop, and make useful presentations based on that research.
7. Demonstrate knowledge, skills, and attributes necessary to be a success in your discipline.

All seven of these program effectiveness measures, or *Department Student Learning Objectives*, are measured across the entire curriculum leading to the B.S. Aviation.

## **Program Quality—AABI Compliance**

The program is also assessed against the AABI criteria to ensure quality of the Aviation Program as measured against other accredited institutions. Those criteria are:

- a. apply mathematics, science, and applied sciences to aviation-related disciplines;
- b. analyze and interpret data;
- c. work effectively on multi-disciplinary and diverse teams;
- d. make professional and ethical decisions;
- e. communicate effectively, using both written and oral communication skills;
- f. engage in and recognize the need for life-long learning;
- g. assess contemporary issues;
- h. use the techniques, skills, and modern technology necessary for professional practice;
- i. assess the national and international aviation environment;
- j. apply pertinent knowledge in identifying and solving problems;
- k. apply knowledge of business sustainability to aviation issues.

In addition the Aviation Program assesses the core AABI requirements.

### **AABI Core Student Learning Outcomes**

- 3.3.2.1. **Professionalism:** Knowledge of attributes of an aviation professional, career planning, and certification
- 3.3.2.2. **Aircraft Design:** Knowledge of aircraft design, performance, operating characteristics, and maintenance
- 3.3.2.3. **Safety/Human Factors:** Knowledge of aviation safety and human factors
- 3.3.2.4. **National/International Law:** Knowledge of national and international aviation law, regulations, labor relations
- 3.3.2.5. **Airports/Airspace:** Knowledge of airports, airspace, and air traffic control
- 3.3.2.6. **Weather/Environment:** Knowledge of meteorology and environmental issues

The Aviation Program measures all of these AABI criteria against the program outcomes, or Department Student Learning Outcomes.

### **Course Effectiveness/Learning Outcomes**

Individual courses have learning outcomes to measure course effectiveness. Those learning outcomes are managed through the curriculum process. All course learning outcomes are assessed through the coursework submitted by students.

# ASSESSMENT PLAN

## Assessment of Aviation Program Student Learning Outcomes Plan

Academic Years of Plan: 20XX -20XX

College or Area: College of Education

Department or Program: Aviation, Bachelor of Science (B.S.)

Check here if your assessment plan covers all undergraduate degree programs: [X]

Student Learning Outcomes (Knowledge, Skills, Abilities)	Related University Goal(s)	Related College/ Department/ Program Goal(s) or accreditation standards <b>AABI Accreditation</b>	Method of Assessment (How will the outcome be measured)	Who will be Assessed (Students from what courses-population?)	When Assessed (Planned)	Standard of Mastery/Criterion	Reason for Assessment. What is hoped to be learned? (As applied to dept/pgm competencies)
1. To express oneself clearly and quickly in written and oral presentations.	<p>Goal 1: Change the world by collaboratively addressing our planet's most challenging problems.</p> <p>Goal 2: Foster the thriving and robust academic culture of a doctoral university.</p> <p>MSU SLO 3: Communication - Students will demonstrate the ability to effectively communicate verbally, in writing, and through digital and/or visual media.</p>	<p>AABI 3.3.1e: communicate effectively, using both written and oral communication skills</p> <p>AABI 3.3.2.1 Professionalism</p> <p>AABI 3.3..2.3 Safety/Human Factors</p>	<ul style="list-style-type: none"> <li>Written proposals, reports, case studies, and the related oral presentations of those efforts.</li> <li>Capstone course</li> </ul>	<p>334 Airline Mgmt 360 Flight Instructor 437 Av Safety 450 Pro Pilot Crs</p>	<p><b>Course:</b> Each semester <b>Department:</b> At least once during student's program / end of program capstone <b>University:</b> Annual assessment report from department to University Assessment Office. <b>Accreditation:</b> Every 5 years to program accreditation body and academic prgm review cmte.</p>	<p><b>20XX:</b> Grades received for course performance based on individual assignments, exams and other responsibilities. A = Highly proficient. B/C = Proficient D/F = Not proficient. <b>20XX:</b> As above.</p>	<p>Rationale: To assess whether students can communicate effectively.</p> <p>If student trends show deficiencies in these areas, curriculum revisions can be targeted.</p>

Student Learning Outcomes (Knowledge, Skills, Abilities)	Related University Goal(s)	Related College/ Department/ Program Goal(s) or accreditation standards <b>AABI Accreditation</b>	Method of Assessment (How will the outcome be measured)	Who will be Assessed (Students from what courses-population?)	When Assessed (Planned)	Standard of Mastery/Criterion	Reason for Assessment. What is hoped to be learned? (As applied to dept/pgm competencies)
<p>2. Instill the importance of being able to continue training, education, and intellectual development after graduation to include a reading program to remain current.</p>	<p>Goal 1: Change the world by collaboratively addressing our planet's most challenging problems.</p> <p>Goal 5: Measure and continuously improve our work to ensure excellence in all we do.</p> <p>MSU SLO 7: Self Directed Learning - Students will demonstrate the ability to autonomously acquire knowledge and develop skills.</p>	<p>AABI 3.3.1f: engage in and recognize the need for life-long learning</p> <p>AABI 3.3.2.1 Professionalism</p>	<ul style="list-style-type: none"> <li>• Capstone course</li> <li>• Written Exams</li> <li>• Lesson Plans</li> </ul>	<p>101 World of Avia 150 Private Pilot 360 Flt Instructor 450 Pro Pilot Crs</p>	<p><b>Course:</b> Each semester <b>Department:</b> At least once during student's program / end of program capstone <b>University:</b> Annual assessment report from department to University Assessment Office. <b>Accreditation:</b> Every 5 years to program accreditation body and academic pgm review cme.</p>	<p><b>20XX:</b> Grades received for course performance based on individual assignments, exams and other responsibilities. A = Highly proficient. B/C = Proficient D/F = Not proficient. <b>20XX:</b> As above.</p>	<p>Rationale: To ensure continuous improvement in our industry and our graduate.</p> <p>If student trends show deficiencies in these areas, curriculum revisions can be targeted.</p>

Student Learning Outcomes (Knowledge, Skills, Abilities)	Related University Goal(s)	Related College/ Department/ Program Goal(s) or accreditation standards <b>AABI Accreditation</b>	Method of Assessment (How will the outcome be measured)	Who will be Assessed (Students from what courses-population?)	When Assessed (Planned)	Standard of Mastery/Criterion	Reason for Assessment. What is hoped to be learned? (As applied to dept/pgm competencies)
<p>3. Demonstrate the ability to read and comprehend literature to be able to solve problems in the field.</p>	<p>Goal 1: Change the world by collaboratively addressing our planet's most challenging problems.</p> <p>Goal 2: Foster the thriving and robust academic culture of a doctoral university.</p> <p>MSU SLO 4: Critical Thinking - Students will demonstrate the ability to analyze situations and problems in order to identify and test solutions.</p>	<p>AABI 3.3.1g: assess contemporary issues</p> <p>AABI 3.3.1j: apply pertinent knowledge in identifying and solving problems</p> <p>AABI 3.3.2.2 Aircraft Design</p>	<ul style="list-style-type: none"> <li>Written proposals, reports, case studies, and the related oral presentations of those efforts.</li> <li>Capstone course</li> </ul>	<p>201 Theory of Flight 334 Aviation Mgmt 450/451 Pro Pilot Crs/Lab 455 Acft Perf</p>	<p><b>Course:</b> Each semester <b>Department:</b> At least once during student's program / end of program capstone <b>University:</b> Annual assessment report from department to University Assessment Office. <b>Accreditation:</b> Every 5 years to program accreditation body and academic pgm review cme.</p>	<p><b>20XX:</b> Grades received for course performance based on individual assignments, exams and other responsibilities. A = Highly proficient. B/C = Proficient. D/F = Not proficient. <b>20XX:</b> As above</p>	<p>Rationale: To determine if students are able to research potential solutions to industry issues.</p> <p>If student trends show deficiencies in these areas, curriculum revisions can be targeted.</p>

Student Learning Outcomes (Knowledge, Skills, Abilities)	Related University Goal(s)	Related College/ Department/ Program Goal(s) or accreditation standards <b>AABI Accreditation</b>	Method of Assessment (How will the outcome be measured)	Who will be Assessed (Students from what courses-population?)	When Assessed (Planned)	Standard of Mastery/Criterion	Reason for Assessment. What is hoped to be learned? (As applied to dept/pgm competencies)
<p>4. Work collaboratively and effectively as part of a team (crew).</p>	<p>Goal 1: Change the world by collaboratively addressing our planet's most challenging problems.</p> <p>Goal 5: Measure and continuously improve our work to ensure excellence in all we do.</p> <p>MSU SLO: Academic Achievement - Students will demonstrate competence in specific areas of academic disciplines that will directly impact their career endeavors.</p>	<p>AABI 3.3.1c: work effectively on multi-disciplinary and diverse teams</p> <p>AABI 3.3.2.1 Professionalism</p>	<ul style="list-style-type: none"> <li>• Team assignments and active learning techniques to provide opportunities to collaborate on critical thinking exercises, and related group projects.</li> <li>• Capstone course</li> </ul>	<p>334 Aviation Mgt 361 Initial Flt Instruc 437 Av Safety 450451 Pro Pilot Crs</p>	<p><b>Course:</b> Each semester <b>Department:</b> At least once during student's program / end of program capstone <b>University:</b> Annual assessment report from department to University Assessment Office. <b>Accreditation:</b> Every 5 years to program accreditation body and academic pgm review cme.</p>	<p><b>20XX:</b> Grades received for course performance based on individual assignments, exams and other responsibilities. A = Highly proficient. B/C = Proficient D/F = Not proficient. <b>20XX:</b> As above</p>	<p>Rationale: To determine if students are able to work collaboratively on multi-disciplinary and diverse teams.</p> <p>If student trends show deficiencies in these areas, curriculum revisions can be targeted.</p>



Student Learning Outcomes (Knowledge, Skills, Abilities)	Related University Goal(s)	Related College/ Department/ Program Goal(s) or accreditation standards <b>AABI Accreditation</b>	Method of Assessment (How will the outcome be measured)	Who will be Assessed (Students from what courses-population?)	When Assessed (Planned)	Standard of Mastery/Criterion	Reason for Assessment. What is hoped to be learned? (As applied to dept/pgm competencies)
5. Demonstrate a basic understanding of the leadership and managerial skills you will need to be an effective leader in the aviation industry.	<p>Goal 1: Change the world by collaboratively addressing our planet's most challenging problems.</p> <p>Goal 5: Measure and continuously improve our work to ensure excellence in all we do.</p> <p>MSU SLO 1: Academic Achievement - Students will demonstrate competence in specific areas of academic disciplines that will directly impact their career endeavors.</p>	<p>AABI 3.3.1d: make professional and ethical decisions</p> <p>AABI 3.3.1h: use the techniques, skills, and modern technology necessary for professional practice</p> <p>AABI 3.3.1k: apply knowledge of business sustainability to aviation issues</p> <p>AABI 3.3.2.1 Professionalism</p>	<ul style="list-style-type: none"> <li>• Written examinations</li> <li>• Practical skills demonstrations</li> <li>• Team projects</li> <li>• Written proposals, reports, case studies, and the related oral presentations of those efforts.</li> <li>• Capstone course</li> </ul>	<p>240 Instrument Pilot 250 Commercial Pilot 334 Airline Ops 340 Flight Operations 432 Av Law 436 Flight Ops/Proc 450/451 Pro Pilot Lab</p>	<p><b>Course:</b> Each semester <b>Department:</b> At least once during student's program / end of program capstone <b>University:</b> Annual assessment report from department to University Assessment Office. <b>Accreditation:</b> Every 5 years to program accreditation body and academic pgm review cme.</p>	<p><b>20XX:</b> Grades received for course performance based on individual assignments, exams and other responsibilities. A = Highly proficient. B/C = Proficient D/F = Not proficient. <b>20XX:</b> As above</p>	<p>Rationale: To determine if students are "street ready" to perform in a wide range of positions within the industry.</p> <p>If student trends show deficiencies in these areas, curriculum revisions can be targeted.</p>

Student Learning Outcomes (Knowledge, Skills, Abilities)	Related University Goal(s)	Related College/ Department/ Program Goal(s) or accreditation standards <b>AABI Accreditation</b>	Method of Assessment (How will the outcome be measured)	Who will be Assessed (Students from what courses-population?)	When Assessed (Planned)	Standard of Mastery/Criterion	Reason for Assessment. What is hoped to be learned? (As applied to dept/pgm competencies)
<p>6. Perform basic research, interpret, and analyze the data you develop, and make useful presentations based on that research.</p>	<p>Goal 1: Change the world by collaboratively addressing our planet's most challenging problems.</p> <p>Goal 2: Foster the thriving and robust academic culture of a doctoral university.</p> <p>Goal 5: Measure and continuously improve our work to ensure excellence in all we do.</p> <p>MSU SLO 4: Critical Thinking - Students will demonstrate the ability to analyze situations and problems in order to identify and test solutions.</p>	<p>AABI 3.3.1b: analyze and interpret data;</p> <p>AABI 3.3.2.2 Aircraft Design</p> <p>AABI 3.3.2.3 Safety/Human Factors</p>	<ul style="list-style-type: none"> <li>• Written proposals, reports, case studies, and the related oral presentations of those efforts.</li> <li>• Written Exams</li> <li>• Capstone course</li> </ul>	<p>201 Theory of Flight 437 Aviation Safety 455 Acft Perf 450 Pro Pilot Course</p>	<p><b>Course:</b> Each semester <b>Department:</b> At least once during student's program / end of program capstone <b>University:</b> Annual assessment report from department to University Assessment Office. <b>Accreditation:</b> Every 5 years to program accreditation body and academic pgm review cme.</p>	<p><b>20XX:</b> Grades received for course performance based on individual assignments, exams and other responsibilities. A = Highly proficient. B/C = Proficient D/F = Not proficient. <b>20XX:</b> As above.</p>	<p>Rationale: To determine if students are able to research, analyze, and interpret the data our industry generates and to formulate presentations on trends observed.</p> <p>If student trends show deficiencies in these areas, curriculum revisions can be targeted.</p>

Student Learning Outcomes (Knowledge, Skills, Abilities)	Related University Goal(s)	Related College/ Department/ Program Goal(s) or accreditation standards <b>AABI Accreditation</b>	Method of Assessment (How will the outcome be measured)	Who will be Assessed (Students from what courses-population?)	When Assessed (Planned)	Standard of Mastery/Criterion	Reason for Assessment. What is hoped to be learned? (As applied to dept/pgm competencies)
7. Demonstrate knowledge, skills, and attributes necessary to be a success in your discipline.	<p>Goal 1: Change the world by collaboratively addressing our planet's most challenging problems.</p> <p>Goal 5: Measure and continuously improve our work to ensure excellence in all we do.</p> <p>MSU SLO 1: Academic Achievement - Students will demonstrate competence in specific areas of academic disciplines that will directly impact their career endeavors.</p>	<p>AABI 3.3.1a: apply mathematics, science, and applied sciences to aviation-related disciplines</p> <p>AABI 3.3.1i: assess the national and international aviation environment</p> <p>AABI 3.3.1h: use the techniques, skills, and modern technology necessary for professional practice</p> <p>AABI 3.3.2.4 National and international law</p> <p>AABI 3.3.2.5 Airports/Airspace</p> <p>AABI 3.3.2.6 Weather/Envir</p>	<ul style="list-style-type: none"> <li>• Written examinations</li> <li>• Practical skills demonstration s</li> <li>• Team projects</li> <li>• Written proposals, reports, case studies, and the related oral presentations of those efforts.</li> <li>• Capstone course</li> </ul>	101 World of Avia 150 Private Pilot 201 Theory of Flight 240 Instrument Pilot 338 Adv Acft Sys 432 Av Law 436 Adv Flt Ops 451 Pro Pilot Lab 455 Acft Perf All Flight Labs	<p><b>Course:</b> Each semester</p> <p><b>Department:</b> At least once during student's program / end of program capstone</p> <p><b>University:</b> Annual assessment report from department to University Assessment Office.</p> <p><b>Accreditation:</b> Every 5 years to program accreditation body and academic pgm review cme.</p>	<p><b>20XX:</b> Grades received for course performance based on individual assignments, exams and other responsibilities. A = Highly proficient. B/C = Proficient D/F = Not proficient.</p> <p><b>20XX:</b> As above</p>	<p>Rationale: To determine if students are meet industry needs as identified by the Industry Advisory Board as promulgated through IAB Goals and curriculum.</p> <p>If student trends show deficiencies in these areas, curriculum revisions can be targeted.</p>

**Mitigation Plan – What will the department or program do with the results?**

**Assessment Plan Responsibilities**

<b>Category</b>	<b>Responsible Entity</b>
Course/Student Learning Outcomes	Faculty assigned to course Department assessment coordinator Oversight by faculty at annual retreat
Course Standards by Level (Writing, Oral) Rubrics	Department assessment committee Faculty at annual retreat
Program Learning Outcomes	Department assessment coordinator Department assessment committee Faculty at annual retreat Industry Advisory Board
Department Learning Outcomes	Department assessment coordinator Department assessment committee Faculty at annual retreat University Assessment Office Industry Advisory Board
Academic Program Review and Accreditation Process	All department faculty

The assessment, analysis, and review of these data, when combined with other information such as entry and exit surveys, comparative cohort and modality performance (student and cohort groups) not individual student data), feedback from internal and external stakeholders, student self-assessment, a recurring academic program review self-study, evolving needs of the profession, et. al. inform the design and decision making of/for this program in a multi-tiered, interdependent manner by answering these questions, and providing the foundation for continuous improvement through annual operational review and reporting.

Periodic review of Student Learning Objectives (as they meet the needs of industry) coincides with a review of department goals (AABI criteria) and program goals (industry) to fit MSU institutional strategic goals and institutional student learning objectives. Specifically:

**Outcomes & Goals (academic rigor, course availability, student learning outcomes and course objectives/outcomes):**

- Are course requirements realistic and consistently achievable by students given resources & expectations?
- Are there adequate resources for multiple modalities in regards to faculty, technology, and distance learning opportunities?
- Does assessment demonstrate consistent outcomes between modalities and instructors for comparative analysis?
- Are student needs, including availability, modality, currency, and applicability met through each modality employed?

**Department Goals & Objectives**

- Does program design meet the needs of the profession? Does design reflect current and evolving needs?
- Do sufficient resources exist to ensure a sustainable pattern of course offerings? Can this be forecast?
- Can program health be accurately articulated? What are systematic questions we should ask/explore?
- Can the results of these assessments be used to help the program evolve in a timely and appropriate manner?

## **GRADUATION RATES**

The graduation rate over the last 10 years has steadily increased with the current rate being 46%.

Each of the previous 2 years the MSU Aviation Program awarded between 50 and 60 Bachelor of Science degrees in Aviation.

## **RATES AND TYPES OF GRADUATES EMPLOYMENT**

Per Minnesota State University Institutional Research, the latest graduate survey (2015/2016) showed 90% of Aviation Program graduates were employed within 1 year of graduation. Since the majority of the graduates are from the Professional Flight major. Over 90% of new graduates remained at MSU as flight instructors immediately following graduation.

Within 2 years of graduation, the majority of these students were flying in a domestic airline as aircrew. The majority of graduates were employed as aircrew at a wide range of domestic airlines. The airlines most favored were Endeavor, Sky West, Republic, Air Wisconsin, with the most represented major airlines being Delta, United, UPS, Southwest, Sun Country, and Fed Ex.

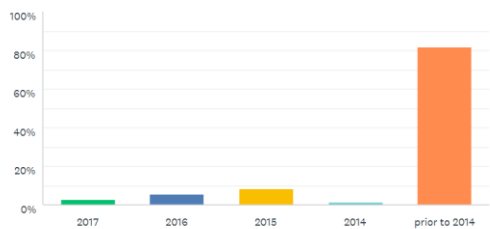
A smaller number of graduates were flying as aircrew for an overseas airline, were employed in the aviation industry (but not as aircrew—Jeppesen, Aerosim), and in various branches of the US military.

The MSU Aviation Department conducted its own survey—see the results below.

# Survey Results sent to Graduates May 2018

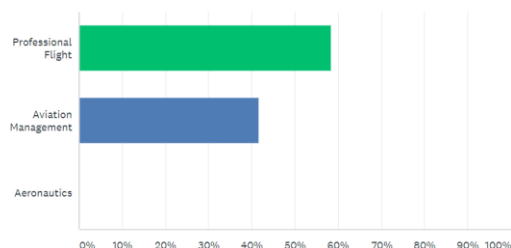
What is your graduation year?

Answered: 72 Skipped: 0



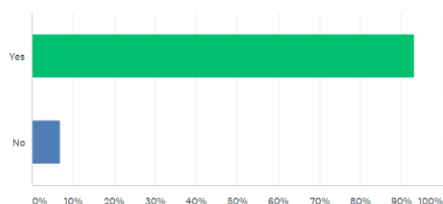
What was your program emphasis?

Answered: 72 Skipped: 0



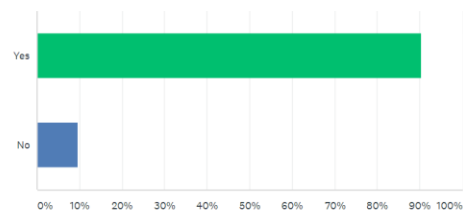
Since graduation have you spent any amount of time working in the aviation field?

Answered: 72 Skipped: 0



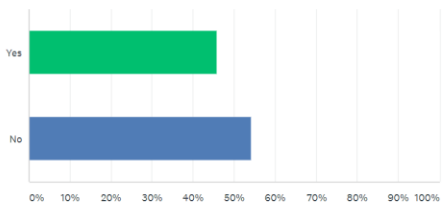
Since graduation have you worked in an area related to or closely related to your program emphasis?

Answered: 72 Skipped: 0



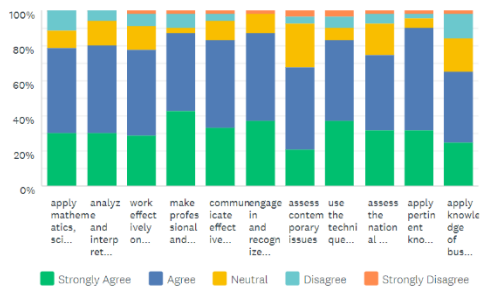
Are you employed with a regional, national or international carrier?

Answered: 72 Skipped: 0



Do you feel the Aviation program at Minnesota State University, Mankato helped you develop the skills to...

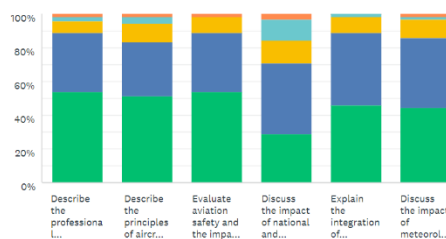
Answered: 72 Skipped: 0



1. Apply math, science and applied sciences to aviation-related disciplines.
2. Analyze and interpret data
3. Work effectively on multi-disciplinary and diverse teams
4. Make professional and ethical decisions
5. Communicate effectively using both written and oral communication skills
6. Engage in and recognize the need for life-long learning
7. Assess contemporary issues
8. Use the techniques, skills and modern technology necessary for professional practice
9. Assess the national and international aviation environment
10. Apply pertinent knowledge in identifying and solving problems
11. Apply knowledge of business sustainability to aviation issues.

As a graduate of the Aviation program at Minnesota State University, Mankato, do you feel you can effectively...

Answered: 72 Skipped: 0



1. Describe the professional attributes, requirements or certifications and planning applicable to aviation careers
2. Describe the principles of aircraft design, performance and operating characteristics; and the regulations related to the maintenance of aircraft and associated systems
3. Evaluate aviation safety and the impact of human factors on safety
4. Discuss the impact of national and international aviation law, regulations and labor issues on aviation operations
5. Explain the integration of airports, airspace and air traffic control in managing the National Airspace System
6. Discuss the impact of meteorology and environmental issues on aviation operations