

Rocky Mountain College Aviation Program
B.S. in Aviation Management
Student Achievement Data

December 2024

Rocky Mountain College Mission

Rocky Mountain College educates future leaders through liberal arts and professional programs that cultivate critical thinking, creative expression, ethical decision-making, informed citizenship, and professional excellence.

(The Mission, Vision and Values, immediately below, apply to all personnel associated with all aviation curriculum at RMC.)

Mission: To educate and train individuals to be professionals and leaders in the aviation industry.

Vision: To be the leader in Collegiate Aviation in the Western U.S., where our graduates are sought-after and where selective admissions and thoughtful growth insure high quality students who graduate at a rate well above that of a public university.

We Value...

- safety as our #1 priority.
- the education of the whole person and the development of independent thought—all based on a strong foundation in the liberal arts.
- being on the leading edge of educational techniques, curriculum content and technology in collegiate aviation.
- the professional development of all students and employees. We'll teach and model professionalism throughout our program and help our employees grow.
- marketability of our graduates and flight instructors.
- efficient and cost-effective flight training.

Mission: Aviation Management Major

The mission of the Rocky Mountain College Aviation Management major is to develop the next generation of aviation management professionals to serve the aviation industry. Graduates will possess knowledge of the broad range of the aviation industry and exhibit professionalism, leadership abilities, critical thinking skills and ethical decision-making.

Educational Goals: Aviation Management major

1. Educate students with a firm foundation in the liberal arts that will help them to be leaders in the aviation industry with strong skills in communication and team work.
2. Instill professionalism and ethics expected by the aviation industry.
3. Develop graduates who exhibit strong aviation management abilities.
4. Effectively apply management principles in traditional areas of business competition.

Student Learning Outcomes: Aviation Management Major

Students who graduate with a major in aviation management will be able to:

AABI Core Outcomes

1. Demonstrate attributes of an aviation professional, career planning, and understanding of certification;
2. Demonstrate understanding of aircraft design, performance, operating characteristics, and maintenance;
3. Demonstrate understanding of aviation operations in terms of aviation safety and human factors;
4. Demonstrate understanding of national and international aviation law, regulations, and labor issues;
5. Demonstrate understanding of design and operations of airports, airspace, and the air traffic control system;
6. Demonstrate understanding of meteorology and environmental issues;

AABI General Outcomes

7. Apply mathematics, science, and applied sciences to aviation-related disciplines;
8. Analyze and interpret data;
9. Work effectively on multi-disciplinary and diverse teams;
10. Make professional and ethical decisions;
11. Communicate effectively, using both written and oral communication skills;
12. Engage in and recognize the need for lifelong learning;
13. Assess contemporary issues;
14. Use the techniques, skills, and modern technology necessary for professional practice;
15. Assess the national and international aviation environment;
16. Apply pertinent knowledge in identifying and solving problems;
17. Apply knowledge of business sustainability to aviation issues;

AABI Program Criteria

18. Communicate the principles necessary to integrate as an employee at a fixed base operations company, an airline, and an airport

Educational Goal #1

- Educate students with a firm foundation in the liberal arts that will help them to be leaders in the aviation industry with strong skills in communication and team work.

COLLECT EVIDENCE

Assessment of communication skills and teamwork are addressed in the Assessment Report for RMC Student Learning Outcomes. Communication skills are SLO 11. Evidence will be collected using a rubric in AVS 404 CRM class, a rubric in AVS 405 class, internship supervisor evaluations, senior exit survey and oral presentation in AVS 308.

Educational Goal #2

- Instill professionalism and ethics expected by the aviation industry.

COLLECT EVIDENCE

Assessment of professionalism and ethics are addressed in the Assessment Report for RMC Student Learning Outcomes. Professionalism is SLO 1 and ethics is SLO 10. Evidence will be collected using a rubric in AVS 400 on a professional interview, internship supervisor evaluations, senior exit survey. We continue to collect data of informal feedback from graduates, as was suggested to us during the AABI visit in 2014. Though not a rigorous survey, we gain a great deal of insight and encouragement from the number of graduates who are pleased with the level of professional training they received.

For ethics, we collect evidence for a rubric used in AVS 400 for a paper written by all students on a real-world ethical situation, from internship evaluations and from senior exit surveys.

Educational Goal #3

- Develop graduates who exhibit strong aviation management abilities.

COLLECT EVIDENCE

Assessment of management abilities are addressed in the Assessment Report for RMC Student Learning Outcomes # 17 and # 18. Input to suggested changes to the Educational Goal #3 come from staff and faculty.

Educational Goal #4

- Effectively apply management principles in traditional areas of business competition.

COLLECT EVIDENCE

Assessment of management abilities are addressed in the Assessment Report for RMC Student Learning Outcomes # 17 and # 18 particularly with regard to data from AVS 405 Air Transportation Management and AVS 310 Airport Planning, since both courses use competitive simulation. Input to suggested changes to the Educational Goal #4 come from staff and faculty.

Program assessment measures employed include:

- End of year surveys from all students
- Exit surveys from each graduating senior
- Formal survey of graduates, conducted approximately every four years
- Informal survey of graduates, conducted in an on-going manner
- Surveys and evaluations from internship supervisors
- Evaluations from outsider aviation professionals who conduct mock interviews with each graduating senior as part of AVS 400 class
- Data from Safety Program, including student inputs to SHORT reports and tracking safety report
- Feedback on student performance in AVS 405 course, Air Transportation Management, a senior capstone course
- Feedback on student performance in individual required courses directly relating to specific outcomes, such as Aviation Law, and ethics

Graduation and retention rates

	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>	<u>5-year average</u>
Freshmen retention from previous year in Aviation Program	61%	59%	69%	66%	77%	66%
Freshmen retention from previous year, remained at RMC, includes changed major	70%	61%	69%	77%	81%	72%
Aviation program 4-year grad rate	55%	34%	59%	56%	77%	54%
Aviation Management 4-year grad rate	66%	50%	66%	66%	50%	60%
Number of Graduates Aeronautical Science	15	10	20	24	30	20

Aviation Management	3	3	5	4	3	4
Employment in Aviation industry this grad year, Aviation Management	100%	100%	100%	100%	100%	100%

Employment for Aviation Management Graduates last 5 years

Zipline (UAS)
 Port of Pasco, Airport Security
 Jet Edge dispatcher
 FedEx Express ramp agent
 Alpine Air management
 Billings Flying Service
 Aspen, CO Airport Security Manager
 TAC Air FBO
 Cross-Trained agent, Cape Air
 Centennial Airport management
 American Airlines Cross Trained Agent
 Unmanned Aerial Solutions, Owner/Operators
 Leatherneck Aviation (Flight School), owner
 Bozeman Airport, Ops Specialist
 City Service Valcon, Fuel Sales, Kalispell, MT
 Several students in graduate schools across the country