

General Education Outcomes School of Aviation Discussion

1. Communicate effectively using listening, speaking, reading and writing skills.
Intentional Learning Strategies:
Effective communication is practiced in the following courses:
ASC 2320 – Aviation Law and Regulations
ASC 2470 – Physiology and Psychology of Flight
ASC 2670 – Aircraft Systems
ATT 2131 – Flight Instructor Theory
ATT 2660 – Regional Airlines Operation
ATT 2820 – Introduction to Air Traffic Control
ATT 2821 – Air Traffic Control Radar
ATT 2822 – VFR Tower Operations
ATT 2823 – Air Traffic Control Non – Radar
AVM 1010 – Industry Operations
AVM 1121 - Hazardous Materials and Dangerous Goods
AVM 1440 – Aviation/Airport Security
AVM 2431 – Aviation Customer Service
AVM 2441 – Aviation Safety and Human Factors
Assessment Strategies:
Role playing
Examinations
Term Papers
Group and Individual Projects

2. Use quantitative analytical skills to evaluate and process numerical data.
Intentional Learning Strategies:
Quantitative analytical skills are practiced in the following courses:
ASC 1120 – Private Pilot Applications
ASC 1550 – Aerodynamics
ASC 1610 – Aircraft Engines and Structures
ATT 1100 – Private Pilot Theory
AVM 1022 – Flight Operations
AVM 2510 – Airline Management
AVM 2515 – Airline Marketing
Assessment Strategies:
Role playing
Examinations
Term Papers
Group and Individual Projects

3. Solve problem using critical and creative thinking and scientific reasoning.
Intentional Learning Strategies:
Critical and creative thinking is encouraged and practiced in completing all major course requirements and most electives taught in the discipline, The courses are listed below:
ASC 1010 – Aviation/Aerospace History
ASC 1120 – Private Pilot Applications
ASC 1210 – Aviation Meteorology
ASC 1550 – Aerodynamics
ASC 1610 – Aircraft Engines and Structures
ASC 2320 – Aviation Law and Regulations
ASC 2470 – Physiology and Psychology of Flight
ASC 2670 – Aircraft Systems
ATF 1100 – Private Pilot Flight

ATF 2200 – Instrument Pilot Flight
ATF 2210 – Commercial Pilot Flight
ATF 2300 – Multi-Engine Flight
ATF 2501 – Certified Flight Instructor Flight
ATT 1100 – Private Pilot Theory
ATT 2110 – Commercial Pilot Theory
ATT 2120 – Instrument Pilot Theory
ATT 2131 – Flight Instructor Theory
ATT 2133 – Multi-Engine Pilot Theory
ATT 2660 – Regional Airlines Operation
ATT 2820 – Introduction to Air Traffic Control
ATT 2821 – Air Traffic Control Radar
ATT 2822 – VFR Tower Operations
ATT 2823 – Air Traffic Control Non – Radar
AVM 1010 – Industry Operations
AVM 1022 - Flight Operations
AVM 1121 - Hazardous Materials and Dangerous Goods
AVM 1440 – Aviation/Airport Security
AVM 1520 – Airline Reservations
AVM 1521 – Airline Ticketing
AVM 2120 – Air Cargo Operation
AVM 2410 – Airport Management
AVM 2412 – Airport Facilities and Financial Planning
AVM 2431 – Aviation Customer Service
AVM 2441 – Aviation Safety and Human Factors
AVM 2510 – Airline Management
AVM 2515 – Airline Marketing

Assessment Strategies:

Role playing
Examinations
Term Papers
Group and Individual Projects

4. Formulate strategies to locate, evaluate and apply information.

Intentional Learning Strategies:

Students are exposed to locating, evaluating and applying information in the following courses:

ASC 1010 – Aviation/Aerospace History
ASC 1210 – Aviation Meteorology
ASC 1610 – Aircraft Engines and Structures
ASC 2320 – Aviation Law and Regulations
ASC 2470 – Physiology and Psychology of Flight
ASC 2670 – Aircraft Systems
ATT 2660 – Regional Airlines Operation
AVM 1010 – Industry Operations
AVM 1022 - Flight Operations
AVM 1121 - Hazardous Materials and Dangerous Goods
AVM 1440 – Aviation/Airport Security
AVM 2120 – Air Cargo Operation
AVM 2410 – Airport Management
AVM 2412 – Airport Facilities and Financial Planning
AVM 2431 – Aviation Customer Service
AVM 2441 – Aviation Safety and Human Factors
AVM 2510 – Airline Management
AVM 2515 – Airline Marketing

Assessment Strategies:

Role playing
Examinations
Term Papers
Group and Individual Projects

5. Demonstrate knowledge of diverse cultures, including global and historical perspectives.

Intentional Learning Strategies:

Students are exposed to diversity in the following courses:

ASC 2320 – Aviation Law and Regulations
ASC 2470 – Physiology and Psychology of Flight
ATT 2660 – Regional Airlines Operation
ATT 2820 – Introduction to Air Traffic Control
ATT 2821 – Air Traffic Control Radar
ATT 2822 – VFR Tower Operations
ATT 2823 – Air Traffic Control Non – Radar
AVM 1010 – Industry Operations
AVM 1121 - Hazardous Materials and Dangerous Goods
AVM 1440 – Aviation/Airport Security
AVM 1520 – Airline Reservations
AVM 1521 – Airline Ticketing
AVM 2120 – Air Cargo Operation
AVM 2410 – Airport Management
AVM 2412 – Airport Facilities and Financial Planning
AVM 2431 – Aviation Customer Service
AVM 2441 – Aviation Safety and Human Factors
AVM 2510 – Airline Management
AVM 2515 – Airline Marketing

Assessment Strategies:

Role playing
Examinations
Term Papers
Group and Individual Projects

6. Create strategies that can be used to fulfill personal, civic and social responsibilities.

Intentional Learning Strategies:

Students are exposed to personal, civic and social responsibilities in the following courses:

AVM 2431 – Aviation Customer Service
AVM 2510 – Airline Management
Aviation Student Management Association – AMSA
Flight Team

Assessment Strategies:

Role playing
Participation in community event

7. Demonstrate knowledge of ethical thinking and its application to issues in society.

Intentional Learning Strategies:

Students demonstrate knowledge of ethical thinking in the following courses:

ASC 2320 – Aviation Law and Regulations
ASC 2470 – Physiology and Psychology of Flight
AVM 1010 – Industry Operations

AVM 2441 – Aviation Safety and Human Factors
AVM 2510 – Airline Management
AVM 2515 – Airline Marketing

Assessment Strategies:

Role playing
Examinations
Term Papers
Group and Individual Projects

8. Use computer and emerging technologies effectively.

Intentional Learning Strategies:

Emerging technologies are reviewed and utilized in the following courses:

ASC 2670 – Aircraft Systems
ATT 2821 – Air Traffic Control Radar
ATT 2822 – VFR Tower Operations
ATT 2823 – Air Traffic Control Non – Radar

Assessment Strategies:

Role playing
Examinations
Term Papers
Group and Individual Projects

9. Demonstrate an appreciation for aesthetics and creative activities.

Intentional Learning Strategies:

The discipline is deficient in this outcome.

Assessment Strategies:

No assessment.

10. Describe how natural systems function and recognize the impact of humans on the environment.

Intentional Learning Strategies:

Students are exposed to how the natural system functions and the impact of humans on the environment in the following courses:

ASC 1210 – Aviation Meteorology
AVM 1022 - Flight Operations
AVM 1121 – Hazardous Materials and Dangerous Goods
AVM 2510 – Airline Management

Assessment Strategies:

Role playing
Examinations
Term Papers
Group and Individual Projects