

Western Michigan University - College of Aviation

Program Educational Objectives

Aviation Management and Operations Program Educational Objectives

Within two years of graduation, Aviation Science and Administration (ASA) graduates will be employed in aerospace organizations in positions such as customer support and customer service, sales and marketing, dispatch, scheduling, fixed-base operations, pricing, training and planning, and entry-level airline and airport management positions. Graduates will be demonstrating their critical thinking, communication, team work, leadership, global awareness, and Situational Awareness skills on a daily basis.

Five to ten years after entering the industry, ASA graduates will advance into supervisory and senior position roles. Examples of these positions are project manager and team leader.

Ten to fifteen years after graduation, ASA graduates will hold middle management positions. Department manager, program manager, and supervisor of operations are examples of the positions that they may have.

As their careers progress, Aviation Science and Administration alumni will continue to move forward into high level management positions such as director and senior manager.

Aviation Maintenance Technology Program Educational Objectives

Within two years of graduation, Aviation Maintenance Technology (AMT) graduates will be employed in positions such as aircraft maintenance technician, product field service, manufacturer-customer technical liaison, technical publications and field test technician. Graduates will be demonstrating their critical thinking, communication, team work, leadership, global awareness, and technology abilities on a daily basis.

Five to ten years after entering the industry, AMT graduates will advance into supervisory and senior position roles. Examples of these positions are shift foreman, inspector, lead technician, and senior product support specialist.

Ten to fifteen years after graduation, AMT graduates will hold management positions. Department manager, project manager, and team leader are examples of the positions that they may have.

As their careers progress, Aviation Maintenance Technology alumni will continue to move forward into high level management positions such as director of maintenance and director of product support.

Aviation Flight Science Program Educational Objectives

Within five years of graduation, Aviation Flight Science (AFS) graduates will be employed as first officers with a regional carrier, copilots in a corporate aviation position, flight Instructors or charter pilots. Graduates will be demonstrating their critical thinking, communication, team work and situational awareness skills in their current position.

Five to ten years after graduation, AFS graduates will hold a Captain Position at regional or corporate flight departments and may have attained First Officer positions at network carriers. Our graduates will demonstrate the leadership and character that is expected of a Professional Pilot.

As their careers progress, Aviation Flight Science alumni will possess the skills to move into senior flight management positions such as chief pilot, director of flight operations, director of pilot training, check airmen, and simulation. Aviation Flight Science (AFS) graduates will continue to demonstrating their critical thinking, communication, team work and leadership skills as well as increase their global and situational awareness.

Assessment of Program Educational Objectives

The program educational objectives will be completely assessed every five years. A cycle of individual assessments will take place over the five year period.

- Program placement rate (collected annually via survey or interview).
- Graduate industry placement, company, level, salary over time (annually for new graduates, every three years for alumni via survey or interview)
- Employer feedback (every three years via survey or interview)
- Graduate feedback (every three years via survey or interview)