

# Associate of Applied Science in Air Traffic Control

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## Program Student Learning Outcomes

Students graduating with an Associate of Applied Science in Air Traffic Control will be able to:

1. Demonstrate knowledge of aircraft operating limitations and performance, including methods of air and ground navigation within the National Airspace System.
2. Demonstrate knowledge of weather and atmospheric processes and how weather phenomena affect aviation operations.
3. Demonstrate knowledge of Federal Regulations and the U.S. air traffic control system interactions, including FAA publications.
4. Demonstrate knowledge of fundamentals of aircraft separation in radar, nonradar, and terminal environments, as well as operating techniques of ATC facilities in visual and instrument conditions.
5. Demonstrate awareness of ATC industry trends, future developments, global implications, and current management practices and techniques.
6. Demonstrate knowledge of flight dispatcher operations, including weight and balance, flight planning, and fuel requirements.