

# AVTN121N : Airspace and Air Traffic Systems

This is an in-depth exploration of the functions and responsibilities of the ATC specialist in the radar environment. The student will master the fundamentals of airspace and air traffic management; including general control terms and definitions, basic ATC procedures and standards, proper communications phraseology and the use of clearances, and explicit instructions for heading, altitude and airspeed to maintain air traffic flow while preserving separation standards. Emphasis is on developing and maintaining a faithful cognitive model of the air traffic situation using pictorial and simulated radar presentations. Lab included.

**Class Hours** 3

**Lab Hours** 3

**Credits** 4

**Prerequisite Courses**

AVTN120N