

AVTN240N : ATC Tower Operations

This course continues the exploration of the functions and responsibilities of the ATC tower specialist exploring the impacts of the specific operating environment, including terminal (VFR tower and TRACON), en route, and planned advanced automation environments. The student will practice the application of airspace and air traffic management skills, methods, and procedures to the terminal environment; the functional operating requirements of each environment (including representative airspace, traffic mix, equipment, and scenarios); and effective communication and coordination between positions/facilities and participating flight crews. Sustained emphasis is on maintaining a faithful cognitive model of the air traffic situation. Lab includes observation of "live traffic," and simulated radar presentations and automated functions.

Class Hours 3

Lab Hours 6

Credits 5

Prerequisite Courses

AVTN121N