



# Flight Science & Aviation Maintenance



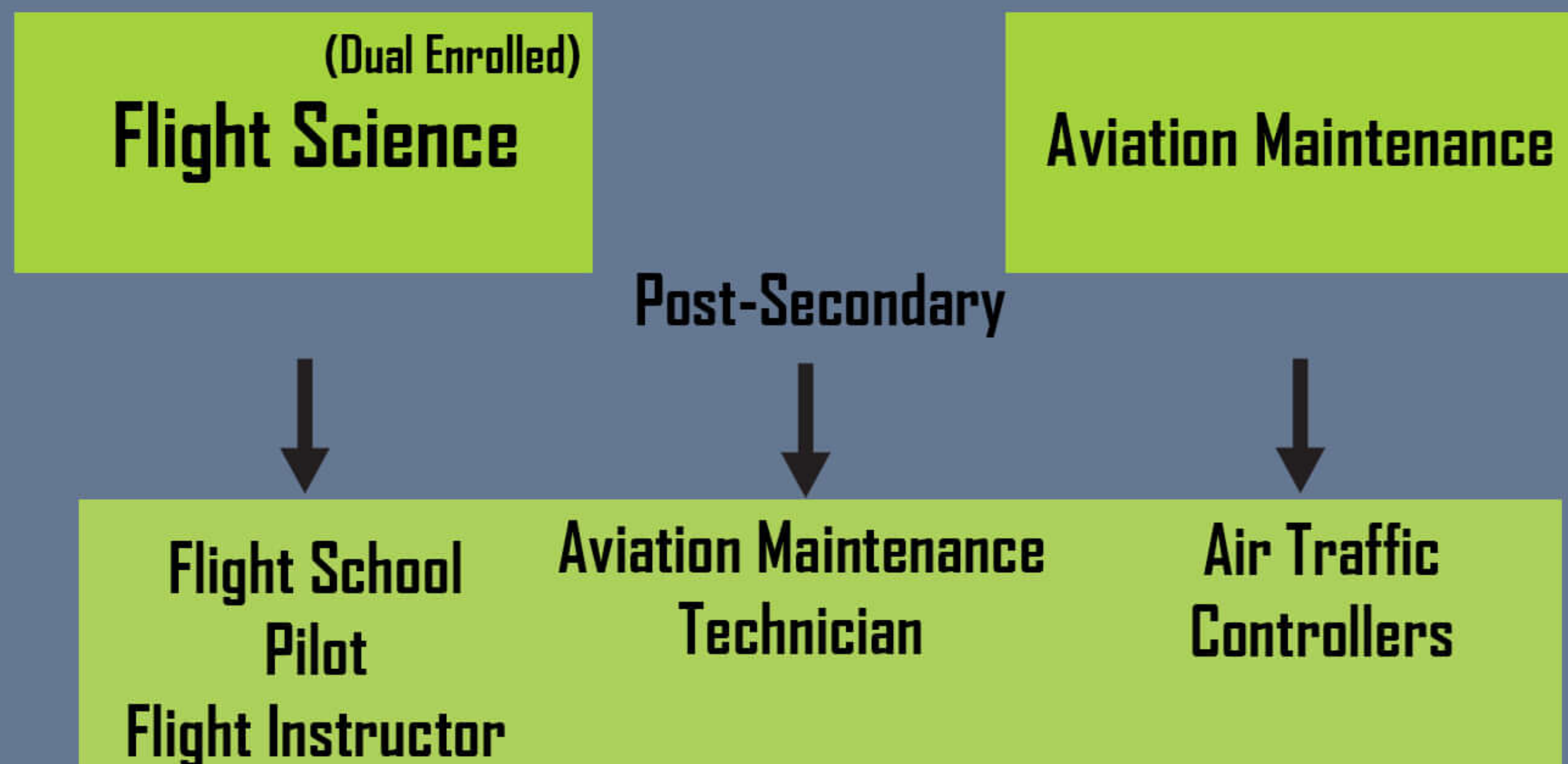
Airplane and Helicopter Pilot, Aviation Maintenance Technician, Aviation Inspectors

## Course Sequence

### Recommended Courses - Not Required

Small Gas Engine  
Automotive Service & Maintenance  
Intro to Engineering  
Ag Mechanics

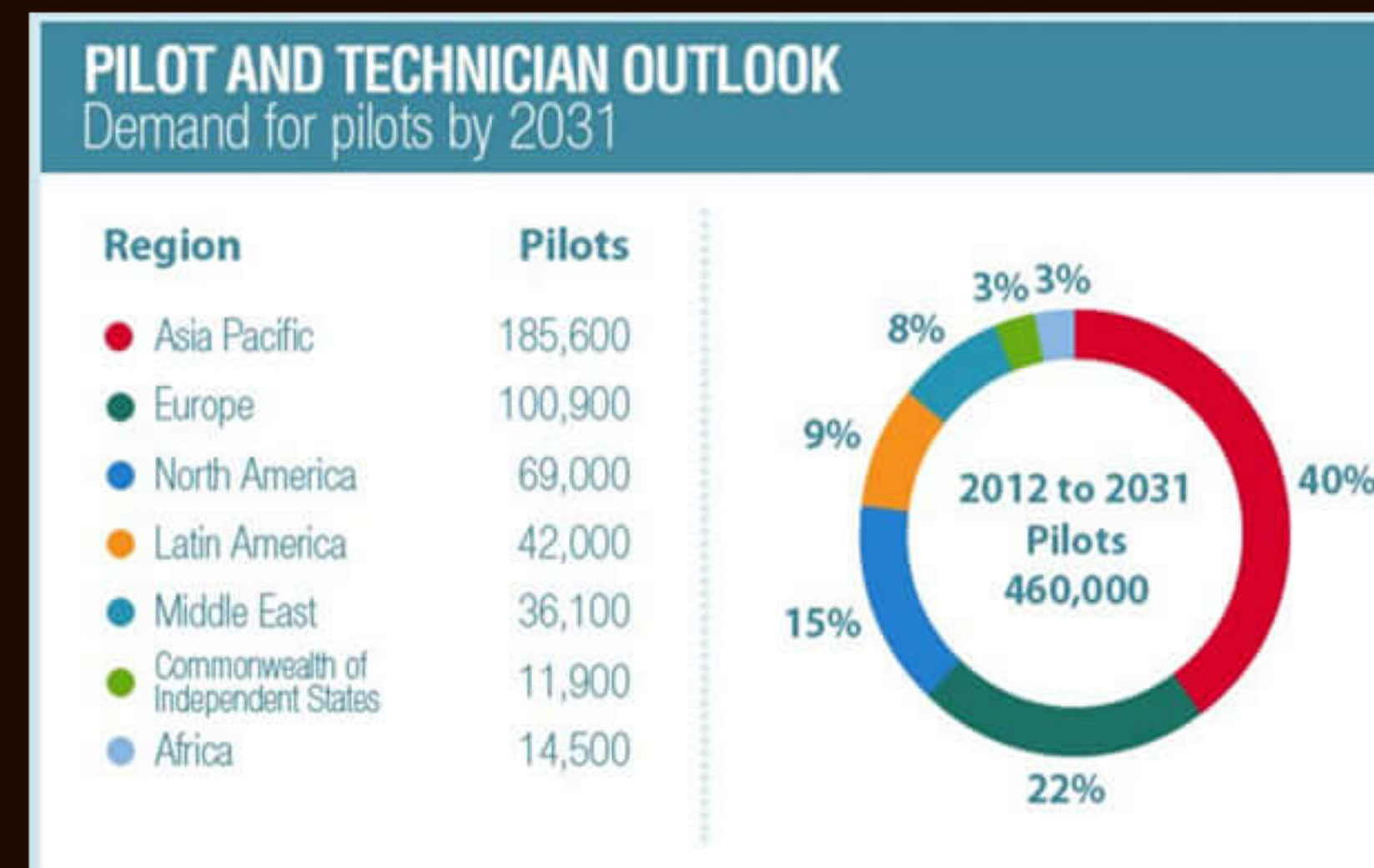
### Courses offered at Reedley College



## Valley ROP Program Description

This Pathway is open to any High School student who is interested in Aviation. The Aviation Maintenance Technology Class is designed to teach the theory of operation of aircraft airframes, power plants, and avionics systems and associated maintenance and repair practices. This course will also provide a basic introduction to flight school where students will explore the basics of flight training ground school using flight simulators.

This course will take students through the main objective of the Pilot Ground School: Introduction, Airplane System, Aerodynamics, Flight environment, Meteorology, Navigation, Airplane Performance, Applying Human Factors.



**Aviation Maintenance Technicians**

Boeing has predicted that Aviation Maintenance Technicians (AMT) will be in greater demand.

600,000 by 2031

