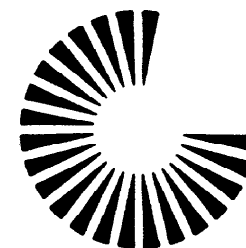


# FLIGHT (AET) PROGRAM

## AIRWAY SCIENCE TECHNOLOGY-FLIGHT

*Associate of Applied Science Degree Airway Science Technology  
Typical Flowchart for Full-time Student*

Prerequisite Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
<b>AET 107</b> PRIVATE PILOT GOUND SCHOOL 5 CR •	<b>AET207&amp;217</b> ATTITUDE INSTRUMENTS-NAVIGATION INSTRUMENT PROCEDURES 4 CR •	<b>AET203&amp;213</b> BASIC AIRPLANE SYSTEMS & AERODYNAMICS-PERF. 4 CR •	<b>AET237</b> MULTI-ENGINE PILOT GROUND SCHOOL 2 CR •	<b>AET227</b> CERTIFIED FLIGHT INSTRUCTOR GROUND 4 CR •
<b>AET 110</b> PRIVATE PILOT FLIGHT LAB 2 CR •	<b>AET210</b> COMMERCIAL PILOT FLIGHT LAB 2 CR •	<b>AET220</b> COMMERCIAL PILOT FLIGHT LAB 2 2 CR •	<b>AET240</b> MULTI-ENGINE PILOT FIGHT LAB .5CR •	<b>AET230</b> CERTIFIED FLIGHT LAB 1 CR •
<b>CRE101</b> CRITICAL & EVALUATIVE READING OR TEST EXEMPT 0-3 CR •	<b>AET115</b> AVIATION METEOROLOGY 3 CR •	<b>AET215</b> AIRCRAFT POWERPLANTS 4 CR •	<b>AET225</b> ADVANCED AIRCRAFT SYSTEMS 4 CR •	<b>COM225</b> PUBLIC SPEAKING 3 CR •
<b>MAT120</b> INTERMEDIATE ALGEBRA 5 CR •	<b>CIS105</b> SURVEY OF COMPUTER INFO SYSTEMS 3 CR •	<b>MAT 187</b> PRECALCULUS 5 CR •	<b>HUMANTIES</b> ANY APPROVED HUMANTIES COURSE 3 CR •	<b>ECN212</b> MICROECONOMICS 3 CR •
<b>ENG101</b> FIRST-YEAR COMPOSITION I 3 CR •	<b>ENG102 OR ENG111</b> FIRST-YEAR COMPOSTION II OR TECHNICAL WRITING 3 CR •	<b>AET205</b> AIRCRAFT STRUCTURES,SYSTEMS AND MAINTENANCE 4 CR •	<b>PHY111</b> GENERAL PHYSICS 4 CR •	<b>AET257</b> READINGS IN AVIATION 3 CR •
12-18 CREDITS	12-15 CREDITS	19 CREDITS	13.5 CREDITS	14 CREDITS



### Student Note:

\*Students must pass FAA Class 3 Flight Physical for enrollment into flight labs

\*\*Additional prerequisite semester(s) may be required prior to enrollment in the AET program-of-study courses.

Refer to the college catalog or semester schedule for course prerequisites.

The **Associate of Applied Science (AAS) in Airway Science Technology** has been designed to prepare students to apply technical knowledge and skills to the flying of commercial, agricultural, public service, corporate, or private airplanes, and to prepare students to sit for the Federal Aviation Administration (FAA) written and practical examinations. In addition, the AET program provides lower-division general studies courses toward related programs at Arizona State University East (ASU E):

- Bachelors of Applied Science , Aviation Management Technology

We encourage all AET students to meet with their AET Academic Advisor to discuss transfer options.