

**ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)**

The Associate of Applied Science Degree in Aviation Technology prepares students who seek careers as professional pilots. Upon graduation, students will have earned an FAA Private Pilot Certificate, FAA Instrument Rating and an FAA Commercial Pilot Certification, as well as the degree. Classroom and lab instruction utilizes modern flight simulators and state-of-the-art aviation training devices. FAA Certificated Flight Instructors provide all flight instruction in conjunction with our community partner flight school providers. Students must meet all eligibility requirements determined by the Federal Aviation Administration and the Transportation Security Administration.

**STUDENT LEARNING OUTCOMES - Graduates of this program will have the opportunity to:**

- Demonstrate the standards of the Federal Aviation Administration for the Private Pilot, Instrument Rating, and Commercial Pilot Certificates, by successfully passing the FAA Knowledge Exams and the FAA Practical Exams for each certificate or rating sought.
- Perform advanced applications of flight operations relevant to certificate or rating be sought that will support and expand the students knowledge relevant to all aspects of flight.
- Utilize and incorporate elements of the General Education Requirements of academics to advance overall learning and enhance professional development. Graduates will be qualified to enter the employment arena as FAA Certified Commercial Pilots.

**GENERAL EDUCATION REQUIREMENTS (27 Credits):**

|   | CR  | SEMESTER |
|---|-----|----------|
| <b>COMMUNICATIONS:</b><br>COM 101   | 3   | _____    |
| <b>ENGLISH:</b><br>ENG 100, 101, 107, 113   | 3-5 | _____    |
| <b>HUMAN RELATIONS:</b><br>ALS 101, ANTH 101, 112, 201, 205,<br>HIST 105, 106, 107, 150, 151, 210, 247, 260,<br>HMS 130, 135B, 265B, MGT 100B, 283,<br>PHIL 135, PSC 201, PSY 101, 102, 207, 208,<br>261, SOC | 3   | _____    |
| <b>MATHEMATICS:</b><br>MATH 116   | 3   | _____    |
| <b>SCIENCE:</b><br>EGG 131, 132   | 8   | _____    |
| <b>FINE ARTS/HUMANITIES/<br/>SOCIAL SCIENCES:</b><br>AM, ANTH, ART, COM, ECON,<br>ENG 223 or above, GEOG 106 or above,<br>HIST, International Languages, Music,<br>PHIL, PSC, PSY, SOC, THTR, WMST 113        | 3   | _____    |
| <b>U.S. AND NEVADA CONSTITUTIONS:</b><br>PSC 101 or<br>HIST 101 and HIST 102 or<br>HIST 101 and HIST 217  | 4-6 | _____    |

**SPECIAL PROGRAM REQUIREMENTS (39 Credits):**

|   | CR | SEMESTER |
|---|----|----------|
| <b>AV 100B</b> Aviation Orientation               | 3  | _____    |
| <b>AV 110B</b> Private Pilot Ground School        | 4  | _____    |
| <b>AV 111B</b> Private Pilot Certification Lab    | 3  | _____    |
| <b>AV 112B</b> Human Factors and Safety           | 3  | _____    |
| <b>AV 115B</b> Aviation Meteorology               | 3  | _____    |
| <b>AV 210B</b> Instrument Ground School           | 4  | _____    |
| <b>AV 212B</b> Instrument Certification Lab       | 3  | _____    |
| <b>AV 214B</b> Aerodynamics                       | 3  | _____    |
| <b>AV 220B</b> Air Transportation                 | 3  | _____    |
| <b>AV 240B</b> Advanced Aircraft Systems          | 3  | _____    |
| <b>AV 250B</b> Commercial Pilot Ground School     | 4  | _____    |
| <b>AV 251B</b> Commercial Pilot Certification Lab | 3  | _____    |

**66**  
Total Credits

ASSOCIATE OF  
APPLIED SCIENCE

Students may elect to graduate using the degree requirements in effect at the time of matriculation, or when they declared or changed major or the current catalog. If a program is official after a student has matriculated, the student may choose the degree requirements of the new program. In no case may a student use a catalog which is more than six years old at the time of graduation.