

ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

The Aviation Technology degree program is designed specifically for students who have a desire to work in aviation-related careers. Thorough coverage of the Federal Aviation Regulations will apply to all aspects of study. The degree will provide the application of concepts pertaining to airport and aircraft operations for domestic and international flights. Students may select from Track options that place an emphasis on either Professional Pilot or Flight Operations areas of study. The degree will prepare students to enter the employment market as Professional Pilots, Flight Crew Members, OR, Flight Operations Specialist, Crew Scheduler, Flight Follower, Customer Service Representative, Aircraft Servicing Personnel. 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:**

Professional Pilot:

- Pass the Federal Aviation Administration Private Pilot Knowledge and Practical Exams for Airplane Single Engine Land.
- Pass the Federal Aviation Administration Instrument Rating Knowledge and Practical Flight Exams for Airplane Single Engine Land.
- Pass the Federal Aviation Administration Commercial Pilot Knowledge and Practical Flight Exams for Airplane Single Engine Land.

Flight Operations:

- Demonstrate working knowledge of the Federal Aviation Regulations pertaining to airport operating procedures, crew rest requirements, general operating flight rules, scheduled and non-scheduled flight operations.
- Demonstrate a working knowledge of the principles of flight pertaining to normal and transport category aircraft.
- Demonstrate understanding of management concepts particular to airport and airline operating environments.

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

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

**SPECIAL PROGRAM REQUIREMENTS (37 Credits):**

	CR	SEMESTER
<b>AV 100B</b> Aviation Orientation	3	_____
<b>AV 110B</b> Private Pilot Ground School	4	_____
<b>AV 112B</b> Human Factors and Safety	3	_____
<b>AV 115B</b> Aviation Meteorology	3	_____
<b>AV 220B</b> Air Transportation	3	_____
<b>FOR PROFESSIONAL PILOT:</b>		
<b>AV 111B</b> Private Pilot Certification Lab	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 240B</b> Advanced Aircraft Systems	3	_____
<b>AV 250B</b> Commercial Pilot Ground School	4	_____
<b>AV 251B</b> Commercial Pilot Certification Lab	3	_____
<b>FOR FLIGHT OPERATIONS:</b>		
<b>ACC 201</b> Financial Accounting	3	_____
<b>AV 105B</b> Airport Operations	3	_____
<b>AV 107B</b> Airline Operations	3	_____
<b>AV 114B</b> Advanced Navigation	3	_____
<b>AV 215B</b> Crew Resource Management	3	_____
<b>IS 101</b> Management Information Systems	3	_____
<b>MGT 201</b> Principles of Management	3	_____

ASSOCIATE OF APPLIED SCIENCE

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Total Credits

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.