

PROGRAM DESCRIPTION

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**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.

PLEASE NOTE - The courses listed below may require a prerequisite or corequisite. Read course descriptions before registering for classes. All MATH and ENG courses numbered 01-99 must be completed before reaching 30 total college-level credits. No course under 100-level counts toward degree completion.

GENERAL EDUCATION REQUIREMENTS (27 CREDITS)**SPECIAL PROGRAM REQUIREMENTS (37 CREDITS)**

| | CR | SEMESTER | | CR | SEMESTER |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----------|-----------------------------------------------------------------------|----|----------|
| MATHEMATICS MATH 116 | 3 | _____ | CORE REQUIREMENTS (16 credits) AV 100B Aviation Orientation | 3 | _____ |
| ENGLISH COMPOSITION ENG 100 or 101 or 107 or 113 | 3-5 | _____ | AV 110B Private Pilot Ground School | 4 | _____ |
| COMMUNICATIONS COM 101 | 3 | _____ | AV 112B Human Factors and Safety | 3 | _____ |
| HUMAN RELATIONS 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 101 or above | 3 | _____ | AV 115B Aviation Meteorology | 3 | _____ |
| NATURAL SCIENCE EGG 131 and 132 | 8 | _____ | AV 220B Air Transportation | 3 | _____ |
| FINE ARTS/HUMANITIES/SOCIAL SCIENCES AM; ANTH; ART; COM; ECON; ENG 223 or above; GEOG 106 or above; HIST; International Languages; MUS; PHIL; PSC; PSY; SOC; THTR; WMST 113 | 3 | _____ | SPECIALTY COURSES (21-23 credits) Choose one concentration | | |
| U.S. AND NEVADA CONSTITUTIONS PSC 101; or HIST 101 and HIST 102; or HIST 101 and HIST 217 | 4-6 | _____ | Professional Pilot | | |
| | | | AV 111B Private Pilot Certification Lab | 3 | _____ |
| | | | AV 210B Instrument Ground School | 4 | _____ |
| | | | AV 212B Instrument Certification Lab | 3 | _____ |
| | | | AV 214B Aerodynamics | 3 | _____ |
| | | | AV 240B Advanced Aircraft Systems | 3 | _____ |
| | | | AV 250B Commercial Pilot Ground School | 4 | _____ |
| | | | AV 251B Commercial Pilot Certification Lab | 3 | _____ |
| | | | Flight Operations | | |
| | | | ACC 201 Financial Accounting | 3 | _____ |
| | | | AV 105B Airport Operations | 3 | _____ |
| | | | AV 107B Airline Operations | 3 | _____ |
| | | | AV 114B Advanced Navigation | 3 | _____ |
| | | | AV 215B Crew Resource Management | 3 | _____ |
| | | | IS 101 Introduction to Information Systems | 3 | _____ |
| | | | MGT 201 Principles of Management | 3 | _____ |

- NOTE**
- Course numbers with the “B” suffix may be non-transferable for a NSHE baccalaureate degree.
 - Course numbers with the “H” suffix are designated Honors-level courses and can be used to fulfill equivalent general education requirements. For more information visit www.csn.edu/honors.
 - In no case, may one course be used to meet more than one requirement except for the Values and Diversity general education requirement (only AA, AS, and AB degrees) which may be used to fulfill the corresponding general education or emphasis requirement.
 - 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.

