

**Aviation Technology**

CERTIFICATE OF ACHIEVEMENT (CA)

REQUIRED CREDITS: 31

DEGREE CODE: AV-CT

**DESCRIPTION**

This program builds the theoretical knowledge and the practical skills necessary for an FAA Private Pilot Certificate for personal transportation. Students will be prepared for entrylevel positions providing support in the commercial aviation industry.

**STUDENT LEARNING OUTCOMES**

- Model the practical test standards as determined by the Federal Aviation Administration.
- Incorporate Federal Aviation Regulations in aviation related careers.
- Explain airport operational safety standards.

**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 (6 CREDITS)**

**MATHEMATICS (3 credits)**

Required: MATH 116 Technical Mathematics

**COMMUNICATIONS (3 credits)**

Required: COM 101 Oral Communication

**SPECIAL PROGRAM REQUIREMENTS (25 CREDITS)**

AV 100B	Aviation Orientation	3
AV 110B	Private Pilot Ground School	4
AV 111B	Private Pilot Certification Lab	3
AV 112B	Human Factors and Safety	3
AV 115B	Aviation Meteorology	3
AV 214B	Aerodynamics	3
AV 220B	Air Transportation	3
AV 240B	Advanced Aircraft Systems	3

Computation included in COM 101

Human Relations included in MATH 116

**FULL-TIME STUDENT DEGREE PLAN**

*Add more semesters to modify this plan to fit part-time student needs.*

<b>FIRST SEMESTER</b>	<b>Credits</b>
AV 100 Aviation Orientation	3
AV 110 Private Pilot Ground School	4
MATH 116 Technical Mathematics	3
<b>TOTAL CREDITS.....</b>	<b>10</b>
<b>SECOND SEMESTER</b>	<b>Credits</b>
AV 111 Private Pilot Certification Lab	3
AV 112 Human Factors and Safety	3
COM 101 Oral Communications	3
<b>TOTAL CREDITS.....</b>	<b>9</b>
<b>THIRD SEMESTER</b>	<b>Credits</b>
AV 115 Aviation Meteorology	3
AV 220 Air Transportation	3
<b>TOTAL CREDITS.....</b>	<b>6</b>
<b>FOURTH SEMESTER</b>	<b>Credits</b>
AV 214 Aerodynamics	3
AV 240 Advanced Aircraft Systems	3
<b>TOTAL CREDITS.....</b>	<b>6</b>
<b>DEGREE PLAN TOTAL CREDITS.....</b>	<b>31</b>

- 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](http://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.

