

AVIATION PILOT AAS

Purpose: The two-year Associate of Applied Science (AAS) in Aviation Pilot degree program is designed to educate students who plan a career as a pilot in commercial aviation. The program is designed to prepare students with the technical knowledge and skills required for the Federal Aviation Administration (FAA) written and practical examinations for private, instrument, commercial, multi-engine, and flight instructor certificates. Students that complete the AAS in Aviation Pilot will obtain their commercial pilot certificate with an instrument rating in both single and multi-engine aircraft and a flight instructor written exam.

Award

Aviation Pilot A.A.S. Degree.....60 credits total
 Aviation curriculum 44 credits
 MnTC curriculum/General Education 16 credits

RECOMMENDED FULL-TIME COURSE SEQUENCE

Not all courses are scheduled every semester. See course schedule: <https://eservices.minnstate.edu/registration/search/basic.html?campusid=306>.

Fall 1		Fall 2	
AVIA 1100 World of Aviation	3 cr	AVIA 2115 Theory of Flight	3 cr
AVIA 1200 Private Pilot Ground	3 cr	AVIA 2200 Commercial Pilot Ground	3 cr
AVIA 1210 Private Pilot Lab	1 cr	AVIA 2250 Commercial Pilot Flight Lab	2 cr
AVIA 1300 Aviation Weather	3 cr	AVIA 2450 Aviation Human Factors	3 cr
MATH 1115 College Algebra (Goal 4)	3 cr	COMM 1114 Fund. of Public Speaking (Goal 1)	3 cr
Total Credits	13	Total Credits	14
Spring 1		Spring 2	
AVIA 1211 Private Pilot Lab II	2 cr	AVIA 2251 Commercial Pilot Flight Lab II	2 cr
AVIA 1310 Instrument Ground	3 cr	AVIA 2253 Multi-Engine Flight Lab	2 cr
AVIA 2100 Air Navigation	3 cr	AVIA 2350 Advanced Aircraft Systems	3 cr
AVIA 2110 Aviation Safety	3 cr	AVIA 2600 Flight Instructor Ground	2 cr
PHYS 1101 Elements of Physics (Goal 3)	3 cr	PHIL 2130 Business Ethics (Goal 6)	3 cr
Total Credits	14	Total Credits	12
Summer 1			
AVIA 1320 Instrument Pilot Flight Lab	2 cr		
AVIA 1321 Instrument Pilot Flight Lab II	1 cr		
ENGL 1117 Reading and Writing Critically (Goal 1)	4 cr		
Total Credits	7		

Course descriptions can be found at: <https://www.rctc.edu/academics/courses/course-descriptions>.

Revised: 2/11/2025

Implementation: Fall 2025