

AVIATION PROGRAM OF STUDY

CTE Program of Study (CTEPS) Name: Private Pilot Ground School	Date: April 2021
Career Cluster: STEM	District Name: Fairbanks North Star Borough School District
Pathway: Engineering	Developed By: Joni Simpson
CTEPS Description:	

SECONDARY PROGRAM COMPONENTS (Please designate CTE courses in **bold**; designate middle school courses for HS credit with *italics*) [\$3(41)(A-B & D)]:

Middle School		9 th Grade		10 th Grade		11 th Grade		12 th Grade	
Career Clusters Interest Inventory, AKCIS Jr. Portfolio		Career Clusters Interest Inventory, AKCIS Portfolio, PLCP		Career Interest Inventory, AKCIS Portfolio, PLCP		PSAT, SAT, ACT, Accuplacer/ALEKS, AKCIS Portfolio, PLCP, WorkKeys		SAT, ACT, WorkKeys, Accuplacer/ ALEKS, AKCIS Portfolio, PLCP, WorkKeys	
Grade	Course Name	Courses		Courses		Courses		Courses	
		Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2	Semester 1	Semester 2
		English 9 or English 9 Honors	English 9 or English 9 Honors	English 10 or English 10 Honors	English 10 or English 10 Honors	American Literature	Literature	Writing Intensive Course	English Elective
		Algebra I	Algebra I	Geometry	Geometry	Algebra 2	Algebra 2	Functions & Analysis	Trigonometry
		Earth & Space Science or Honors Biology	Earth & Space Science or Honors Biology	Biology or Chemistry	Biology or Chemistry	Chemistry or AP Biology	Chemistry or AP Biology	Elective, AP Chemistry, or AP Physics	Elective, AP Chemistry, or AP Physics
		Alaska Studies		World History	World History	US History	US History	Government	Economics
		Health	PE	PE	PE				
			Tools of Tech & Trade	Drafting/CAD	Drafting/CAD	Small Engines	Small Engines	Private Pilot Ground School	Private Pilot Ground School
Recognized Postsecondary Credential(s):		Recognized Postsecondary Credential(s):		Recognized Postsecondary Credential(s):		Recognized Postsecondary Credential(s):		Recognized Postsecondary Credential(s): FAA Airman's Knowledge Test	

ALIGNMENT TO INDUSTRY NEED [\$3(41)(C)]:

State, Regional, Tribal, or Community Industry	State Priority Workforce Area
Aviation	Aviation

***OPTIONAL PROGRAM COMPONENTS:**

Career and Technical Student Organizations	Work-Based Learning Opportunities
SkillsUSA or TSA	Job Shadows and/or Internships

GENERAL POSTSECONDARY OPTIONS [§3(41)(F)]:

One or Two-Year Postsecondary Programs	Adult Registered Apprenticeships	Four-Year College and University Programs	Occupational Certifications and Licenses	On-The-Job Training, Certificates, etc.
<ul style="list-style-type: none"> AAS Professional Piloting Program at University of Alaska Anchorage 	<ul style="list-style-type: none"> 	<ul style="list-style-type: none"> BSAT Bachelor of Science in Aviation Technology, University of Alaska Anchorage 	<ul style="list-style-type: none"> 	<ul style="list-style-type: none">

SPECIFIC POSTSECONDARY DETAILS:

POSTSECONDARY PROGRAM DETAILS	
NAME OF POSTSECONDARY PARTNER(S):	University of Alaska Anchorage
NAME OF POSTSECONDARY PROGRAM(S):	AAS in Professional Piloting or Bachelor of Science in Aviation Technology

***OPTIONAL ADDITIONAL PROGRAM INFORMATION** (Please designate courses possible to complete at high school level in **bold**):

Year 13		Year 14	
Semester 1	Semester 2	Semester 1	Semester 2
Fundamentals of Oral Communication	College Algebra for Calculus	Instrument Ground school	Instrument Flying
Writing and the Sciences	Writing and the Professions	Commercial Ground School	Commercial Flying I
Introduction to Aviation Technology	Aviation Law & Regulations	Commercial Flying II	Commercial Flying III
Pre-Professional Flying	Elements of Weather	College Physics I	Airplane Multiengine Land Rating
Aviation Safety	Private Pilot Ground School	College Physics I Laboratory	Flying Alaska Bush
		Pre-Calculus	Calculus
Credits 17	Credits 15	Credits 16.5	Credits 14.5
Outcome (Resulting Certificate, Credential or Degree) [§3(41)(F)]: AAS Degree in Professional Piloting			
Total Credits: 60			
Possible # of completed credits from high school career program: 12			

POTENTIAL EMPLOYMENT OUTCOMES [§3(41)(C)]:

POTENTIAL EMPLOYMENT OUTCOMES		
Entry-Level Careers	Technical Careers	Professional Careers
Private Pilot, Sales Administrator, Aviation Records File Clerk, Aviation Apprentice, Aviation Customer Service Representative, Aircraft Refueler	Commercial Pilot, Electronic Systems Technician, Aviation Safety Inspector,	Commercial Pilot, Airport Manager, Engineer

STRATEGIC ENTRY AND EXIT POINTS [§3(41)(E)]:

STRATEGIC ENTRY & EXIT POINTS	
Entry	Exit
Private Pilot Ground School	AAS Degree in Professional Piloting