



AVIATION TECHNOLOGY PROGRAM

CTE COURSE SEQUENCE

FOUNDATIONAL (9TH & 10TH)

- Intro to Career Pathways
- Technology Applications 1
- Introduction to GIS/RS Concepts
- Principles of Technology 1 & 2

TECHNICAL (11TH & 12TH)

- Introduction to Aviation
- Principles of Technology 1 & 2
- Private Pilot Ground School
- Airframe Structures

ACADEMIC ELECTIVE CREDITS: S = SCIENCE M = MATH LA = LANGUAGE ARTS SS = SOCIAL STUDIES

ACADEMIC RIGOR

- Chemistry
- Physics
- Precalculus with Trigonometry

STUDENT ORGANIZATION (CTSO)

- Skills USA

CERTIFICATION

- FFA Private Pilot Ground School
- OSHA 10

EARLY COLLEGE CREDIT OPTIONS

COLLEGE CREDITS

DUAL ENROLLMENT

- Technology Applications 1, 2, 3 3 cr
- Personal Finance 3 cr

AP (WITH PASSING SCORE ON AP EXAM)

- AP Calculus
- AP Biology
- AP Chemistry
- AP Physics

MAPPING YOUR 4-YEAR PLAN*

9TH GRADE		CREDITS	10TH GRADE		CREDITS
<input type="checkbox"/>	Introduction to Career Pathways	.5 cr	<input type="checkbox"/>	Introduction to GIS/RS Concepts	.5 cr
<input type="checkbox"/>	Technology Applications 1	.5 cr	<input type="checkbox"/>	Principles of Technology 1	1 cr
<input type="checkbox"/>	Algebra 1	1 cr	<input type="checkbox"/>	Industrial Safety and First Aid	.5 cr
<input type="checkbox"/>	English 1	1 cr	<input type="checkbox"/>	Geometry	1 cr
<input type="checkbox"/>	Biology	1 cr	<input type="checkbox"/>	English 2	1 cr
<input type="checkbox"/>	Civics	.5 cr	<input type="checkbox"/>	Physical Science	1 cr
<input type="checkbox"/>	Health	.5 cr	<input type="checkbox"/>	World History	1 cr
<input type="checkbox"/>	PE	1 cr			
11TH GRADE		CREDITS	12TH GRADE		CREDITS
<input type="checkbox"/>	Principles of Technology 2	1 cr	<input type="checkbox"/>	Private Pilot Ground School	1 cr
<input type="checkbox"/>	Introduction to Aviation	.5 cr	<input type="checkbox"/>	Airframe Structures	1 cr
<input type="checkbox"/>	Personal Finance - M	.5 cr	<input type="checkbox"/>	Advanced Math	1 cr
<input type="checkbox"/>	Algebra 2	1 cr	<input type="checkbox"/>	English	1 cr
<input type="checkbox"/>	English	1 cr	<input type="checkbox"/>	Science	1 cr
<input type="checkbox"/>	Science	1 cr	<input type="checkbox"/>	U.S. Government	.5 cr
<input type="checkbox"/>	U.S. History	1 cr	<input type="checkbox"/>	AK History	.5 cr

*These are suggested courses to best prepare students for post-secondary transitions and credentialing. Actual courses may depend on school schedule availability and enrollment capacity. Some classes may be available at other locations through District-wide or course share options. Graduation requirements for number of credits and required courses are set at a district level and are subject to change. Talk to your counselor about your graduation requirements and to schedule your courses.

STACKABLE CREDENTIALS & DEGREES*

HIGH SCHOOL		COLLEGE	
<input type="checkbox"/>	Dual Enrollment	<input type="checkbox"/>	Associate of Applied Science Aviation Administration
<input type="checkbox"/>	Academic AP	<input type="checkbox"/>	Associate of Applied Science in Air Traffic Control
INDUSTRY CERTIFICATION		<input type="checkbox"/>	Associate of Applied Science in Aviation Maintenance Technology
<input type="checkbox"/>	FFA Private Pilot Ground School	<input type="checkbox"/>	Associate of Applied Science in Professional Piloting
<input type="checkbox"/>	OSHA 10	<input type="checkbox"/>	Bachelor of Science in Aviation Technology
<input type="checkbox"/>	Private Pilot	<input type="checkbox"/>	Bachelor of Science in Aviation Technology
APPRENTICESHIP	MILITARY		
<input type="checkbox"/>	Private Entity	<input type="checkbox"/>	U.S. Armed Forces

*Listed Certifications, Apprenticeships and College Degree Programs represent a SAMPLE of available credentials. Available credentials are subject to change due to industry and postsecondary institution changes.