

STRANDS AND STANDARDS

AVIATION HISTORY



Course Description

Aviation History will give students the knowledge to take and pass the FAA written exam and prepare them for flight. Some of the areas of study will include aviation history from 1783-1914, from 1914-1927, the golden age of flying to World War II, and post-World War II.

Intended Grade Level	11-12
Units of Credit	Minimum 0.5
Core Code	40.11.00.00.044
Concurrent Enrollment Core Code	40.11.00.13.044
Prerequisite	Private Pilot
Skill Certification Test Number	N/A
Test Weight	N/A
License Type	CTE and/or Secondary Education 6-12
Required Endorsement(s)	
Endorsement 1	Commercial Aircraft Pilot
Endorsement 2	N/A
Endorsement 3	N/A



STRAND 1

Students will be able to understand early aviation history – 1783-1914.

Standard 1

Early aviation, 1783-1914.

- The invention of aviation
- Balloons
- Dirigibles
- Airships

Standard 2

Wright brothers, 1896-1914.

- Heavier than air
- Wright brothers
- Wright patent
- Wright airplanes

Standard 3

Early flight, 1904-1914.

- Airplanes and airmen in Europe
- American developments
- Flying competitions
- Aviation industry

STRAND 2

Students will be able to understand early twentieth century aviation – 1914-1927.

Standard 1

World War 1, 1914-1919.

- Airships, dirigibles, and balloons
- Military airplanes
- Aircraft production
- Armistice and peace

Standard 2

Peacetime aviation, 1919-1927.

- Peacetime distance flying
- Airships
- Barnstorming and competing
- Airlines and airmail

STRAND 3

Students will understand the Golden Age of flying and World War II.

Standard 1

Golden Age, 1927-1939.

- Charles Lindbergh
- Adventure, exploration, and sport
- Commercial airlines and airliners
- Aviation radio and military aviation

Standard 2

World War II, 1939-1945.

- War emergency and response
- Military research and development and production
- The western air war
- Pacific air war

STRAND 4

Students will be able to understand the history of post-World War II.

Standard 1

Cold War, 1945-1958.

- Resumption of civil aviation
- Commercial aviation
- Hot spots
- Rockets, missiles, and satellites

Standard 2

Space age aviation, 1959-1989.

- Space race
- Cold War continues
- Jet age
- Private and general aviation

Standard 3

Modern aerospace, 1990-

- General aviation
- Commercial aviation
- Military aerospace
- Space exploration

STRAND 5

Students will understand the importance of career readiness skills as it relates to the workplace and outlined in the SkillsUSA Framework – Level 2.

Standard 1

Understand and demonstrate reliability.

- Determine individual time management skills.
- Explore what's ethical in the workplace or school.
- Demonstrate awareness of government.
- Demonstrate awareness of professional organizations and trade unions.

Standard 2

Understand and demonstrate responsiveness.

- Define the customer.
- Recognize benefits of doing a community service project.
- Demonstrate social etiquette.
- Identify customer expectations.

Standard 3

Understand resiliency.

- Discover self-motivation techniques and establish short-term goals.
- Select characters of a positive image.
- Identify a mentor.

Standard 4

Understand and demonstrate workplace habits.

- Participate in a shadowing activity.
- Explore workplace ethics: codes of conduct.
- Recognize safety issues.
- Perform a skill demonstration.
- Exercise your right to know.

Standard 5

Understand and develop initiative.

- Develop personal financial skills.
- Develop a business plan.
- Investigate entrepreneurship opportunities.

Standard 6

Understand and demonstrate continuous improvement.

- Conduct a worker interview.
- Demonstrate evaluation skills.
- Examine ethics and values in the workplace.
- Develop a working relationship with a mentor.
- Construct a job search network.