EMBRY-RIDDLE Aeronautical University

History of Aviation in America
WW-HIST 130
EagleVision
Course Syllabus
Worldwide 2024-08 August

Course Information

Term Dates: Aug 5, 2024 - Oct 6, 2024
Credit Hours: 3
Meetings: 05:00 AM - 08:20 AM Thursday Time Zone: Eastern
Location: *EagleVision Classroom
Delivery Method: EagleVision Classroom/Blended

Instructor Information

Name: Astrid Zajdband
Email: zajdbana@erau.edu
Office Hours: By Appointment only

Required Course Materials

Title: Aviation History
ISBN: 978-0884874331
Authors: Ann Millbrooke
Publisher: Jeppesen
Publication Date: 2006
Format: Textbook

Title: Publication Manual of the American Psychological Association - (APA)
ISBN: 978-1433832154 (Hardcover), 978-1433832185 (eBook), 978-1433832161 (Paperback), 978-1433832178 (Spiral-bound)
Authors: American Psychological Association
Publisher: American Psychological Association
Publication Date: 2019
Edition: 7th
Format: Manual

Title: Headset with Microphone
Notes
A headset with microphone is required for most courses, tutoring, and/or virtual meetings. (Example: [Microsoft LifeChat LX-3000 Headset (JUG-00013)](#)

Title: Web Camera
Notes
Built in Webcam or external webcam (recommended: [Logitech HD Pro C920](#))

Catalog Course Description

A survey of the history of America in the 20th century, the course emphasizes the explosive growth of aviation as a major influence upon the economic, military, and societal development of the United States.

Prerequisite(s):None

Course Goals

The goal of the course is to discuss those personalities and technologies that were significant to the development of American aviation/aerospace and to highlight the interrelationship between aviation/aerospace and the broader context of American political, social, economic, and military history. The student will gain understanding of the history of aviation from differing perspectives and develop critical thinking, writing, discussion and analytical abilities thru class discussion and writing. The course exposes students to how historians write, think, analyze and address problems

Student Learning Outcomes

Upon completion of the course, students will be able to:

1. Master course material through the perspectives provided by the social sciences. (POs 3, 12, and 13.)

2. Understand the major developments in American aviation/aerospace history and appreciate the way that the explosive growth of aviation influenced the economic, military and societal history of the United States. (POs 3, 12, and 13.)

3. Analyze and explain personalities and technologies that were significant in the mature development of American aviation history and examine the role of aviation (including aerospace) within the broader context of the political, social, economic military history of the United States during the twentieth century. (POs 3, 12, and 13.)

4. Appreciate the interaction between the individual aviation pioneers and society. (POs 3, 12, and 13.)

5. Demonstrate through academic research an understanding of the interrelationship between aviation and the broader context of American political, social, economic,

and military history. (POs 3, 12, 13, and 14.)

6. Recognize the cumulative effects of technological innovation. (POs 3, 12, and 13.)

7. Analyze and explain how commercial aviation has facilitated trade and commerce as part of the contemporary transportation system. (POs 3, 12, and 13.)

8. Realize the impact of aviation on American society in peace and war. (POs 3, 12, and 13.)

9. Describe the likely future of aerospace travel based upon knowledge of the history of aviation in conjunction with an understanding of contemporary economic, military, and societal issues. (POs 3, 12, and 13.)

10. Make judgments about the impact on the aviation industry of the 9/11 attacks on the United States and the wars in Afghanistan and Iraq. (POs 3, 12, and 13.)

11. Evaluate how the aviation industry is influenced by major civil and military events, including terrorism, wars, multiculturalism, economic conditions, and diplomacy. (POs 3, 12, and 13.) 12. Strengthen critical thinking skills, especially those related to cause-effect relationships. (POs 3, 12, 13, and 14.)

Grading

Scale   Grade
90 - 100 A (Superior)
80 - 89   B (Above Average)
70 - 79   C (Average)
60 - 69   D (Below Average)
Below 60 F (Failure)

Disability and Special Needs

Disability Services Support

ERAU-WW is committed to the success of all students. It is a University policy to provide reasonable accommodations to students with disabilities, who qualify for services. If you would like to request accommodations due to a physical, mental or learning disability, please visit the [Worldwide Student Accessibility Services page](#) or contact our office at 386-226-7334 or via email at [wwsas@erau.edu](#). ALL DISCUSSIONS ARE CONFIDENTIAL.

Mental Well-Being Statement

ERAU recognizes that life stressors, such as depression, anxiety, alcohol/drug problems, relationship problems and various other experiences can hinder the learning process. All ERAU students have access to free, confidential counseling through TELUS Health. You can access a counselor 24/7 via phone, computer or chat in the Student Support app. Please download the app or add the link to your computer and consider using this valuable resource during your educational journey at ERAU. More information on TELUS can be found on the [WW Dean of Students ERNIE page.](#)

Evaluation Items & Weights

Discussions	25%
Current Events	20%
Research Paper Checkpoints	10%
Research Paper	25%
Personal Analyses	20%
Total	**100%**

Discussions

Discussions are an integral part of your learning experience in this course. You will complete six discussion activities in this course. In addition to learning from core course materials, frequent and meaningful participation in discussion allows you to

learn from your classmates and allows your classmates to learn from you. Each time there is new discussion in a module, you will be expected to read the description, research the needed elements, and come prepared to class to share your information while discussing the topics.

Current Events

There is a current events assignment present in each module. Your post must make a connection between the concepts in the readings and current events in this industry. Along with your post, you must submit an article that addresses current aviation news. Make a connection between the concepts in the course materials (i.e., textbook) and provide in-text citations and a reference to the textbook and any other source you use to develop your post. Where applicable, document citations and references in the current APA format.

You must contribute a post related to the topic in aviation for at least four of the nine modules. You may decide which module weeks you wish to complete. Do not choose to complete all of your five at only the beginning or end of the course. Doing so may cause a problem having enough people to respond to as the modules progress. Throughout the course, try to balance out these assignments. You are encouraged to select current events assignments at the beginning, middle, and end of the course.

Research Paper Checkpoints & Research Paper

To gain a deeper insight into culture and globalization, you will develop a six to eight-page (current APA Style) research paper. The focus of your paper is an idea/invention related to aviation from early modern period (beginning 1873) to present day. This assignment includes five Research Paper Checkpoint deliverables and one Research Paper Final Submission deliverable. As you complete each checkpoint, you will get one-step closer to the final product.

**Check
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tory

> Module 1 Topic Proposal
>
> Module 3 Preliminary References
>
> Module 4 Research Question and Thesis Statement

Optional

> Module 6 Outline and Introduction Optional Submission
>
> Module 7 Draft Optional Submission

Research Paper

You will submit a topic proposal in Module 1. You cannot move to the next deliverable until you receive instructor approval for your topic. Following your topic, you will submit preliminary references (primary and secondary sources only), a research question and thesis statement, an introduction, and a draft version of your final paper. The outline and the draft version are optional assignments worth "0" points.

Your final version of the Research Paper is due by the last day of Module 8. Read all of the *Important Information: Research Paper* item in the Course Specific Information module for instructions and very important details, as well as resources for your paper.

Note: Apply current APA format for paper style, structure, and documentation of citations and references. There is no use of encyclopedias (or Wikipedia) as references for this work.

Personal Analyses

You will complete two Personal Analysis assignments. For each analysis, reflect on the given topic and develop a written post of at least 400 to 450 words. You may utilize any lens of your choice: historical, scientific, technological, engineering, or math. You must support your analysis and include at least one citation (in current APA format) from a primary source. Please read your classmates' posts; replies to classmates are optional.

Additional Information

Please note that you may be able to see the course content up to 4 (four) days prior to the official term start date. However, you will not be able to actively participate in the course (e.g., submit assignments, participate in discussions, receive credit for an activity, etc.) until 12am on the official day of term start.

APA Format
Go to the **APA website** for additional information about the *American Psychological Association Publication Manual*.

Library
Embry-Riddle Aeronautical University has one of the most complete library collections of aviation-related resources in the world. The Hunt Library is the library for all Worldwide students regardless of location. For help finding resources for your assignment, project, or topic, or to learn more about the library services available to you, please contact our librarians using the following information:

- **Hunt Library Worldwide: Information, Services, Help**
  - **Library Basic Training**
  - **Ask-a-Librarian**
  - **Library Hours**
- Contact Information
  - Email: **library@erau.edu**

TITLE IX

The Title IX Office oversees compliance of Title IX Sexual Harassment in accordance with Federal Regulations, as well as incidents falling under the University Sexual Misconduct policy. Policy violations can include sex discrimination, sexual harassment, or sexual violence, such as rape, sexual assault, relationship / dating violence, sexual misconduct, and stalking.

Anyone **may** report suspected or known violations to the Title IX Office and may be able to receive supportive measures. Please see the Title IX website for additional information.

WW Title IX Office
Email: wwtitle9@erau.edu

Website: https://worldwide.erau.edu/administration/title-ix-compliance
Online Complaint Form

Course Policies

1. **Plagiarism**: Presenting as one's own the ideas, words, or products of another. Plagiarism includes use of any source to complete academic assignments without proper acknowledgment of the source. All papers submitted for grading in this course will be submitted to Turnitin where the text of the paper is compared against information contained in the Turnitin database. Papers submitted will be included in the Turnitin database and become the source documents for the purpose of detecting plagiarism.

2. **Cheating**: A broad term that includes the following:

- Giving or receiving help from unauthorized persons or materials during examinations.

- The unauthorized communication of examination questions prior to, during, or following administration of the examination.

- Collaboration on examinations or assignments expected to be individual work.

- Fraud and deceit, that include knowingly furnishing false or misleading information or failing to furnish appropriate information when requested, such as when applying for admission to the Univerity.

3. The most current **APA Edition** format is the ERAU Worldwide standard for all research projects

4. Course-Specific Policies:

- **Blended Learning Policy:** This course is offered in blended format; 70% of the required course will be conducted in-class and 30% will take place online in Canvas. Class meetings will be composed of lectures, audio-visual presentations, discussions, exercises (also in small groups), student presentations and other course activities. Online activities will include discussion with classmates, posting of your work, reviewing classmates' work, and feedback from the instructor on your work. During the first face-to-face session, we will thoroughly review the online Blended Course Activities.

- **Missed Class Policy:** You are required to attend each live class in its entirety. Grade penalties of 10% of the final grade will be incurred for each unexcused absence, and for each excused absence for which you do not complete the missed class make-up assignment. Notify the instructor as soon as possible if you will not be present or if you will miss part of class. Excused absences may require third party documentation. If you miss any part of class, you must review the EagleVision recording and complete the make-up work assigned to you by the instructor.

- **Late Work Policy:** All course work is expected to be completed on time and should be submitted before 11:59 PM ET on the date indicated in the Course Schedule below. Unless otherwise specified in this document, late work will be downgraded 10% for each day it is past due, up to 5 days beyond the deadline. After that, a permanent score of zero (0) will be entered in the Canvas Grades area. Please coordinate with the instructor as soon as possible if you know your assignment will be late. In some special cases, a penalty-free extension might be granted if you provide your expected date of submission in addition to the reason you cannot make the deadline (expect to provide supporting documentation). Keep in mind that you are always allocated a sufficient time to complete your assignments, so difficulties encountered less than 24 hours prior to the deadline will not be viewed in a favorable light.

  Exceptions: Instructors may choose to develop and implement their own policies regarding the following:
  1. Discussion boards (initial posts and replies to classmates)
  2. Assignments submitted after the last class day

3. Assignments submitted using third-party integrations

Any such deviations must be clearly posted in the Instructor Bio & Policies page.

EagleVision Web-Conferencing and Technology

EagleVision courses utilize Zoom, web conferencing software that enables students and instructors to connect in real-time through the use of web cameras, microphones, file sharing, chat and more. Students are expected to participate using audio and/or video when requested by the instructor. Review the **Computer Requirements for Worldwide Courses** and run the **ERAU Computer Check** to verify your computer meets the technical specifications and system requirements prior to your first class.

Visit the **EagleVision** ERNIE page for details on using the application, to join a test meeting, and to confirm that your equipment meets the requirements.

Students not in compliance with equipment requirements can be withdrawn at the second class meeting.

It is in your best interest to become familiar with the application ahead of the first class, so you know how to interact with your instructor and classmates. Attend class in an area where there are no distractions (TV, kids, phones, etc.) to impede your learning, the instructor's teaching, or your classmates' attention.

Course Schedule

Module 1 - Introduction of Flight to the Early Pioneers
　　　　[1783-1914] In Class Discussion: Introductions and
　　　　Interests in Aviation
　　　　Reading & Resources
　　　　Current Events: Gliders, Airships, Ornithopters, and
　　　　Current Trends In Class Discussion: Paper Choice and
　　　　Resources
　　　　Blended Activity: In Class Discussion with Assignment Submission - Resources
　　　　　　Research Paper Checkpoint: Topic Proposal

　Module 2 - The Beginnings of Airplanes and Airmen [1904-1914]
　　　　Reading & Resources
　　　　Blended Activity: In Class Discussion with Submission - Personal Analysis:
　　　　I Am a Pioneer
　　　　Current Events: Pioneers and Speed, Range, Cost, and/or
　　　　Safety
　　　　In Class Discussion: Research Paper Resource - Creating the Ultimate Research
　　　　　　Question(s)
　　　　Heads-Up: In Class Discussion with Assignment Submission - Research and
　　　　　　Preliminary Resources

Module 3 - World War I, Emerging Use of Aviation During the War
　　　　[1914-1919]
　　　　Reading & Resources
　　　　In Class Discussion: Aviation Personalities
　　　　Current Events: World War I and Utilization of Military Airfare
　　　　Blended Activity: In Class Discussion with Assignment Submission - Research Paper
　　　　　　Checkpoint of Preliminary References
　　　　Heads-Up: Blended Activity – In Class Discussion of Research Questions and Thesis
　　　　　　Statement

　Module 4 - Advent of Commercial Aviation
　　　　[1919-1927]
　　　　Reading & Resources
　　　　In Class Discussion: Rise and Fall of Lighter Than Air Aviation
　　　　Current Events Changing Roles for the Airlines, Transportation of Mail

In Class Discussion: Research Paper Resource - How to Create a Focused Thesis Statement and Research Questions

Blended Activity: In Class Discussion with Assignment Submission Research Paper Checkpoint: Research Question and Thesis Statement

Module 5 - Golden Age of Aviation [1927-1939]

Reading & Resources

In Class Discussion: Why the "Golden Age"?

Current Events: Records, Golden Age vs. Later Period

In Class Discussion: Research Paper Resource - Outline and Writing the Introduction

Heads-Up: Outline and Introduction (Optional)

Module 6 - World War II, Ordinance Delivery by Various Aviation Means [1939-1945]

Reading & Resources

In Class Discussion: Military Aircraft Manufacture Post Pearl Harbor

Current Events: Bombers and Fighters Utilized in War

Research Paper Checkpoint: Outline and Introduction Optional Submission

In Class Discussion: Research Paper Resource - Creating the Perfect Paper, You Can Do This!

Module 7 - Early Cold War Consequences and the Field of Aviation [1945-1958]

Reading & Resource

In Class Discussion: The Western Allies and Supplies

Current Events: Rocket and Missile Programs, Who's

Doing What? In Class Discussion: Research Paper

Resource - Paper Checklist

Heads- In Class Discussion: Research Paper Resource Paper Final Revisions

Research Paper Checkpoint: Draft optional Submission

(PLG2)

Module 8 - The Space Age Takes Off!

[1959-1989]

Reading and Resources

Current Events: Space Programs, Privatization, and Cooperative Efforts

Blended Activity: In Class Discussion with Assignment Submission - Research Paper: Final Submission (PLG1)

Module 9 - Future Trends in Aviation and Aerospace [1990-
    Present]
    Reading & Resources
    Blended Activity: In Class Discussion with Submission Personal Analysis - Impact of
      Military and Civil Events
    Current Events: Space Programs, What Does the Future Hold?