



**Class:** GBAR 5335

**Class Time:** Asynchronous

**Instructor:** Dr. Rene G. Rendon

**Office:** Remote

**Phone:** 831-869-0768

**Credits:** 3

**Location:** Online Asynchronous

**E-mail:** [Rene.Rendon@sulross.edu](mailto:Rene.Rendon@sulross.edu)

**Office Hours:** By appointment

**Required Materials:**

**Textbook:**

1. *The Aerospace Business: Management and Technology*. By Wesley Spreen. Routledge. ISBN-13: 978-0367280581

**Supporting Material:** (Provided through SR Blackboard)

**Course Description:** This course will provide an overview of the dynamics of the global aerospace industry. Students will be introduced to the major global aerospace manufacturers, their history, capabilities and future prospects. Topics will include the dynamics and trends in aerospace imports, exports, and joint ventures. The course will also review the regulations covering international sales of aircraft, missiles and other aerospace equipment.

**Course Learning Outcomes:** Upon successful completion of the course students will:

1. Develop an understanding of the structure, segmentation, and global organization of the aerospace industry and how value is created and captured across civil, defense, and space markets. Assessment: Discussion posts, research paper.
2. Describe how government policy, regulation, labor relations, and international agreements influence aerospace firm behavior, market access, and competitive outcomes. Assessment: Discussion posts, research paper.
3. Demonstrate aerospace-specific financial, accounting, and risk-sharing concepts to assess long-term program economics and support informed managerial decisions. Assessment: Discussion posts, research paper.
4. Develop an understanding of aerospace program management, production, quality, and supply chain practices to identify operational risks, coordination challenges, and performance improvement opportunities. Assessment: Discussion posts, research paper.

**MBA Learning Outcomes:** Upon successful completion of the MBA students will:

1. The ability to collect, evaluate and analyze data to make informed business decisions.
2. Demonstrate business leadership skills through the development of innovative solutions to complex problems that satisfy the needs of the multiple stakeholders of the organization.
3. The ability to design sustainable business models that ensure long term competitive advantage in the ever changing global economy.
4. The ability to recognize major digital trends impacting business and adapt their organization to leverage these trends into a competitive advantage.

**MBA Marketable Skills:** Upon successful completion of the MBA students will have the following markable skills:

1. The ability to use software to analyze and report data.
2. The ability to work with others to solve problems.
3. The ability to communicate effectively.
4. The ability to use the latest digital technology.

**Academic Integrity:** Students in this class are expected to demonstrate scholarly behavior and academic honesty in the use of intellectual property. A scholar is expected to be punctual, prepared, and focused; meaningful and pertinent participation is appreciated. Examples of academic dishonesty include but are not limited to: Turning in work as original that was used in whole or part for another course and/or professor; turning in another person's work as one's own; copying from professional works or internet sites without citation; collaborating on a course assignment, examination, or quiz when collaboration is forbidden. Students should also avoid using open AI sources ***unless permission is expressly given*** for an assignment or course. Violations of academic integrity can result in failing assignments, failing a class, and/or more serious university consequences. These behaviors also erode the value of college degrees and higher education overall.

**Classroom Climate of Respect:** This class will foster free expression, critical investigation, and the open discussion of ideas. This means that all of us must help create and sustain an atmosphere of tolerance, civility, and respect for the viewpoints of others. Similarly, we must all learn how to probe, oppose and disagree without resorting to tactics of intimidation, harassment, or personal attack. No one is entitled to harass, belittle, or discriminate against other students.

**Counseling:** Sul Ross has partnered with TimelyCare where all SR students will have access to nine free counseling sessions. You can learn more about this 24/7/356 support by visiting Timelycare/SRSU. The SR Counseling and Accessibility Services office will continue to offer in-person counseling in Ferguson Hall room 112 (Alpine campus), and telehealth Zoom sessions for remote students and SRSU International students.

**Libraries:** The Bryan Wildenthal Memorial Library in Alpine offers FREE resources and services to the entire SRSU community. Access and borrow books, articles, and more by visiting the library's website, [library.sulross.edu/](http://library.sulross.edu/). Off-campus access requires logging in with your Lobold and password. Librarians are a tremendous resource for your coursework and can be reached in person,

by email ([srsulibrary@sulross.edu](mailto:srsulibrary@sulross.edu)), or by phone (432-837-8123). No matter where you are based, public libraries and many academic and special libraries welcome the general public into their spaces for study. SRSU TexShare Cardholders can access additional services and resources at various libraries across Texas. Learn more about the TexShare program by visiting [library.sulross.edu/find-and-borrow/texshare/](http://library.sulross.edu/find-and-borrow/texshare/) or ask a librarian by emailing [srsulibrary@sulross.edu](mailto:srsulibrary@sulross.edu). Mike Fernandez, SRSU Librarian, is based in Eagle Pass (Building D-129) to offer specialized library services to students, faculty, and staff. Utilize free services such as InterLibrary Loan (ILL) and ScanIt to get materials delivered to you at home or via email.

**Americans with Disabilities Act (ADA):** Sul Ross State University (SRSU) is committed to equal access in compliance with Americans with Disabilities Act of 1973. It is SRSU policy to provide reasonable accommodations to students with documented disabilities. It is the student's responsibility to initiate a request each semester for each class. Students seeking accessibility/accommodations services must contact Mary Schwartze, LPC-S, SRSU's Accessibility Services Coordinator at 432-837-8203 (please leave a message and we'll get back to you as soon as we can during working hours), or email [mary.schwartz@sulross.edu](mailto:mary.schwartz@sulross.edu). Our office is located on the first floor of Ferguson Hall (Suite 112), and our mailing address is P.O. Box C-122, Sul Ross State University, Alpine, Texas, 79832.

**Official Communication:** All official communication by the University or me will be sent to your Sul Ross email account. As a result, you are required to activate your email account and check it from time to time for personal communication. I encourage you to email me if you have questions or comments, BUT PLEASE include your full name and the course for which you have questions. Even if you submit your email through the Blackboard site, I cannot tell which course you are in nor what your real name is (i.e., egar123) unless you put it in the body of your email.

**Technical Support:** The Support Desk is where you can direct your more technical questions. For example, the Support Desk can help you if you are having issues submitting a document, getting videos to play, or using BlackBoard. The support desk is open 24 hours a day/7 days a week for your convenience. You can reach the support desk by calling 888.837.8888 or by email [blackboardsupport@sulross.edu](mailto:blackboardsupport@sulross.edu). You may also reach the Support desk from the Technology Support tab within Blackboard by clicking the Support Desk graphic on the course homepage or calling 936.294.2780.

**SRSU Distance Education Statement:** Students enrolled in distance education courses have equal access to the university's academic support services, such as library resources, online databases, and instructional technology support. For more information about accessing these resources, visit the SRSU website. Students should correspond using Sul Ross email accounts and submit online assignments through Blackboard, which requires secure login. Students enrolled in distance education courses at Sul Ross are expected to adhere to all policies pertaining to academic honesty and appropriate student conduct, as described in the student handbook. Students in web-based courses must maintain appropriate equipment and software, according to the needs and requirements of the course, as outlined on the SRSU website. Directions for filing a student complaint are located in the student handbook

# Assignments

**Late Work:** There will be a 10% penalty for assignments submitted late.

## Course Requirements and Grading

Requirement	Points Possible	Grading Scale
Weekly Discussion Posts – Due Weekly	350 points	A = 900 to 1000 points
Assignment 1 – Due Jan 25, 2026.	150 points	B = 800 to 899 points
Assignment 2 – Due Feb 8, 2026.	150 points	C = 700 to 799 points
Assignment 3 – Due Feb 22, 2026.	150 points	D = 600 to 699 points
Final Research Paper – Due Mar 6, 2026.	200 points	F = less than 599 points
<b>Possible Points</b>		<b>1000 points</b>

## Course Assignments

### Weekly Discussion Board:

1. The Instructor will post a weekly discussion board that will be available at 12:01 AM Tuesday and have a due date of the following Monday at 11:59 PM.
2. Students will be required to respond to the question itself by Friday and reply to two other students by Sunday night.
3. The question will be designed to facilitate discussion by requiring students to offer their analysis, evaluation or design based on the courses weekly topic. (Blooms Levels 5-6).
4. The Instructor will be active in the Discussion Board by responding to at least half of the student posts each week.

### Discussion Board Rubric: (50 points)

Rubric 1: The student's main post responded completely and substantially to all of parts of discussion question. (30 points).

Rubric 2: The Student's initial post was no later than Friday (5 points)

Rubric 3: The response was well-organized, clear and free of grammatical and mechanical errors. (5 points).

Rubric 4: The student post substantially to two other students. 5 points each (10 points)

**Assignment 1:** Complete Phase 1 of your Aerospace Industry Analysis Report. See attached instruction concerning the Aerospace Industry Analysis Report and the grading rubric.

**Assignment 2:** Complete Phase 2 of your Aerospace Industry Analysis Report. See attached instruction concerning the Aerospace Industry Analysis Report and the grading rubric.

**Assignment 3:** Complete Phase 3 of your Aerospace Industry Analysis Report. See attached instruction concerning the Aerospace Industry Analysis Report and the grading rubric.

**Final Essay Exam:** Complete Phase 4 of your Aerospace Industry Analysis Report. See attached instruction concerning the Aerospace Industry Analysis Report and the grading rubric.

## Schedule for GBAR5335 – 1st Session, Spring 2026

<b>Week 1</b> Jan 13	Introduction to Aerospace Industry Structure of Aerospace Industry Aerospace Industry Workforce and Labor Relations	<i>The Aerospace Business</i> Chapters: 1-3
<b>Week 2</b> Jan 20	Aerospace Law and International Accords Government Economic Support of Aerospace Ind <b>Assignment 1 due Sunday, Jan 25, 2026</b>	<i>The Aerospace Business</i> Chapters: 4-5
<b>Week 3</b> Jan 27	International Cooperation, Joint Ventures, Teaming Aerospace Accounting and Financial Management	<i>The Aerospace Business</i> Chapters: 6-7
<b>Week 4</b> Feb 3	Aerospace System Engineering, Technology Mgt Management of Aerospace Programs <b>Assignment 2 due Sunday, Feb 8, 2026</b>	<i>The Aerospace Business</i> Chapters: 8-9
<b>Week 5</b> Feb 10	Aerospace Production Management Management of Aerospace Quality Assurance	<i>The Aerospace Business</i> Chapters: 10-11
<b>Week 6</b> Feb 17	Management of the Aerospace Supply Chain Aerospace Marketing <b>Assignment 3 due Sunday, Feb 22, 2026</b>	<i>The Aerospace Business</i> Chapters: 12-13
<b>Week 7</b> Feb 24	Aerospace Maintenance, Repair, and Overhaul Enviro Challenges and the Aerospace Industry	<i>The Aerospace Business</i> Chapters: 14-15
<b>Week 8</b> Mar 3	<b>Final Research Paper, Due Friday, Mar 8, 2026</b>	

**Copyright Notice:** All lectures and course materials, including power point presentations, tests, outlines, and similar materials, are protected by copyright. I am the exclusive owner of copyright in those materials I create. You may take notes and make copies of course materials for your own use. You may not and may not allow others to reproduce or distribute lecture notes, record lectures and distribute course materials publicly without my express written consent. Similarly, you own copyright in your original papers and exam essays. If I am interested in posting your answers or papers on the course web site, I will ask for your written permission.  
©2026 Rene G. Rendon