

**Texas A&M University - Central Texas
AVSC 4395 Crew Resource Management**

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Office Hours: I maintain virtual hours 24 hours a day. I am readily accessible through Canvas message, which I check daily during the week and once a day on weekends. I will get back to you within 24-36 hours during the week and within 36 hours on the weekend. Be sure to allow plenty of lead time prior to a due date if you are asking about an assignment.

Mode of instruction and course access: This course uses the A&M-Central Texas Canvas Learning Management System [<https://tamuct.instructure.com>].

Student-instructor interaction: All contact and assignment submissions will be made via Canvas. I check my mail numerous times during the day, 7 days a week. Weekend response may take longer, so allow extra time for me to reply to your emails.

911 Cellular:

Emergency Warning System for Texas A&M University-Central Texas
911Cellular is an emergency notification service that gives Texas A&M University-Central Texas the ability to communicate health and safety emergency information quickly via email, text message, and social media. All students are automatically enrolled in 911Cellular through their myCT email account.

Connect at 911Cellular [<https://portal.publicsafetycloud.net/Texas-AM-Central/alert-management>] to change where you receive your alerts or to opt out. By staying enrolled in 911Cellular, university officials can quickly pass on safety-related information, regardless of your location.

Crew Resource Management Information

Course Overview and description:

Crew Resource Management acquaints the students with the set of training procedures for use in environments where human error can have devastating effects. Used primarily for improving air safety, CRM focuses on interpersonal communication, leadership, and decision making in the cockpits of aircraft. In addition, students will acquire an increased understanding of how CRM training encompasses a wide range of knowledge, skills, and attitudes including communications, situational awareness, problem solving, decision making, and teamwork.

Course Objective:

Student Learning Outcomes

Upon completion of this course, the student will be able to:

- Describe Crew Resource Management (CRM) and explain how it is applied in aviation situations to improve safety.
- Research a past aviation accident case and discuss how an awareness based on CRM training could have prevented the accident from occurring.
- Demonstrate an increased understanding of FAA regulations and civil law as they apply to the importance of CRM being adhered to.
- Prepare an Aviation Timeline that defines numerous events in your aerospace background that help to define goals in your aviation vocation upon completion of this capstone course.
- **Competency Goals Statement:**

The course will be considered successfully completed when the student has demonstrated through posted written assignments and exams that they have developed an increased knowledge of how CRM is critical to aviation and aerospace activities.

Required Reading and Textbook(s):

1. Crew Resource Management, 2nd edition
Authors: Barbara Kanki, Robert Helmreich, José Anca
ISBN 978-0-12-374946-8

COURSE REQUIREMENTS

Research Paper: You will provide a CRM case from past accidents where CRM was or wasn't a deciding factor in the outcome of the accident.

1. I will provide a date where you can submit your topic for approval.
2. Your topic must be approved before you submit your report.
3. Points will be deducted for the late submission of report topics (the completed report is 30% of your course grade).
4. The paper will use APA formatting. This is **NOT** a Writing Intensive course. Use the writing style you have become familiar with in higher education report submissions.

Aviation Timeline Journal: You will compile an aviation timeline that defines numerous events in your aerospace background from the past, present and into the foreseeable future. The completed project will help define the goals you will set for your upcoming aviation vocation after completing this capstone course. This will be completed in the form of a journal.

1. I will provide a date for you to turn in your basic outline. There will be a sample of my own aviation outline posted for an example. If anyone has any questions on the outcomes of my own outline events, I will be glad to share them – they weren't always good outcomes!
2. The three parts of the timeline will be past, present and future in your aviation experiences.

3. As you begin your journal, your professor will make suggestions on how to expand your experiences in your entries upon certain areas you have listed. Photographs and/or drawings are encouraged to be included, even music & videos.
4. The completed entries will be due at the end of the semester.
5. These entries are not meant to be posted for the rest of the class; these are just for you as an individual.

Discussion Posts: Posts will be graded for writing ability and original content. Required responses will use a minimum of two hundred words in your well composed paragraph response. The subject matter will be assigned by your professor in regards to relevance for the subject area covered for that week.

Tests: There will be a minimum of one test during the course. This test will cover only the assigned textbook material during the previous weeks. **THERE IS NO FINAL COMPREHENSIVE EXAM.**

Online Video Meetings: We will attempt to conduct several online LIVE video conferences between the instructor and any students that wish to discuss each week’s activities. This is voluntary and not required, but many students will find this helpful. Dates and times will be announced in the near future.

Point based grade components:

Quizzes	20%
Research Paper	20%
Aviation Timeline Journal	20%
Weekly Discussion Posts	40%
Total	100%

Missed Submissions: Dates are assigned for all material throughout the course. Postings, tests and the report are due by midnight on the posted dates. Late submissions will have 5 points deducted per day late. There are no late submissions accepted for tests.

Posting of Grades:

- All student grades will be posted using the Canvas Grade book and students can monitor their grade status through this tool.
- I will return projects as soon as possible.

COURSE OUTLINE AND CALENDAR

Complete 18 Week Fall Semester Course Calendar:

Week 1 Aug 27

- Assigned Text Book Reading -
- Research Paper Introduction and Explanation
- Aviation Timeline Journal Outline Explained – Module 1

- Discussion Post (Student Biography)

Week 2 Sept 3

- Assigned Text Book Reading – Chapter 1
- Read Module Lesson 2
- Discussion Post

Week 3 Sept 10

- Assigned Text Book Reading – Chapter 1
- Read Module Lesson 3
- Discussion Post

Week 4 Sept 17

- Assigned Text Book Reading – Chapter 1
- Read Module Lesson 4
- Discussion Post

Week 5 Sept 24

- Read Module Lesson 5
- Discussion Post
- Aviation Timeline Journal Update

Week 6 Oct 1

- Assigned Text Book Reading – Chapter 2
- Read Module Lesson 6
- Discussion Post

Week 7 Oct 8

- Assigned Text Book Reading – Chapter 3
- Read Module Lesson 7
- Discussion Post

Week 8 Oct 15

- Assigned Text Book Reading – Chapter 4
- Read Module Lesson 8
- Discussion Post

Week 9 Oct 22

- Read Module Lesson 9
- Discussion Post
- Aviation Timeline Journal Update

Week 10 Oct 29

- Assigned Text Book Reading – Chapter 5
- Read Module Lesson 10
- Discussion Post

- CRM Report Topic Due

Week 11 Nov 5

- Assigned Text Book Reading – Chapter 8
- Read Module Lesson 11
- Discussion Post

Week 12 Nov 12

- Assigned Text Book Reading – 13
- Read Module Lesson 12
- Discussion Post

Week 13 Nov 19

- Read Module Lesson 13
- Discussion Post
- Aviation Timeline Journal Update

Week 14 Nov 26

- Assigned Text Book Reading – 15
- Read Module Lesson 14
- Discussion Post
- Aviation Timeline Journal Entry

Week 15 Dec 3

- Assigned Text Book Reading – Chapter 16
- Read Module Lesson 15
- Discussion Post
- Review for Test

Week 16 Dec 10

- Complete all assignments
- Turn in CRM Report
- Turn in completed Aviation Timeline Journal
- Last Test

Technology Requirements

This course will use the A&M-Central Texas Instructure Canvas learning management system. Logon to A&M-Central Texas Canvas [<https://tamuct.instructure.com>].
Username: Your MyCT username (xx123 or everything before the "@" in your MyCT e-mail address)
Password: Your MyCT password

Canvas Support

Use the Canvas Help link, located at the bottom of the left-hand menu, for issues with Canvas. You can

select “Chat with Canvas Support,” submit a support request through “Report a Problem,” or call the Canvas support line: 1-844-757-0953.

For issues related to course content and requirements, contact your instructor.

Other Technology Support

For log-in problems, students should contact Help Desk Central.

24 hours a day, 7 days a week:

Email: helpdesk@tamu.edu

Phone: (254) 519-5466

Web Chat: [<http://hdc.tamu.edu>]

Please let the support technician know you are an A&M-Central Texas student.

UNIVERSITY RESOURCES, PROCEDURES, AND GUIDELINES

Drop Policy.

If you discover that you need to drop this class, you must complete a [Drop Request Form](https://www.tamuct.edu/registrar/docs/Drop_Request_Form.pdf) [https://www.tamuct.edu/registrar/docs/Drop_Request_Form.pdf].

Professors cannot drop students; this is always the responsibility of the student. The Registrar’s Office will provide a deadline on the Academic Calendar for which the form must be completed, signed and returned. Once you return the signed form to the Registrar’s Office, you must go into Warrior Web and confirm that you are no longer enrolled. If you still show as enrolled, FOLLOW-UP with the Registrar’s Office immediately. You are to attend class until the procedure is complete to avoid penalty for absence. Should you miss the drop deadline or fail to follow the procedure, you will receive an F in the course, which may affect your financial aid and/or VA educational benefits.

Academic Integrity.

Texas A&M University -Central Texas values the integrity of the academic enterprise and strives for the highest standards of academic conduct. A&M-Central Texas expects its students, faculty, and staff to support the adherence to high standards of personal and scholarly conduct to preserve the honor and integrity of the creative community. Academic integrity is defined as a commitment to honesty, trust, fairness, respect, and responsibility. Any deviation by students from this expectation may result in a failing grade for the assignment and potentially a failing grade for the course. Academic misconduct is any act that improperly affects a true and honest evaluation of a student’s academic performance and includes, but is not limited to, cheating on an examination or other academic work, plagiarism and improper citation of sources, using another student’s work, collusion, and the abuse of resource materials. All academic misconduct concerns will be reported to the university’s Office of Student Conduct. Ignorance of the university’s standards and expectations is never an excuse to act with a lack of integrity. When in doubt on collaboration, citation, or any issue, please contact your instructor before taking a course of action.

Academic Accommodations.

At Texas A&M University-Central Texas, we value an inclusive learning environment where every student has an equal chance to succeed and has the right to a barrier-free education. The Department of

Access and Inclusion is responsible for ensuring that students with a disability receive equal access to the university's programs, services and activities. If you believe you have a disability requiring reasonable accommodations please contact the Department of Access and Inclusion at (254) 501-5831. Any information you provide is private and confidential and will be treated as such.

For more information please visit our [Access & Inclusion](https://www.tamuct.edu/student-affairs/access-inclusion.html) web page [https://www.tamuct.edu/student-affairs/access-inclusion.html].

Texas A&M University-Central Texas supports students who are pregnant and/or parenting. In accordance with requirements of Title IX and related guidance from US Department of Education's Office of Civil Rights, the Dean of Student Affairs' Office can assist students who are pregnant and/or parenting in seeking accommodations related to pregnancy and/or parenting. Students should seek out assistance as early in the pregnancy as possible. For more information, please visit the [Student Affairs](https://www.tamuct.edu/student-affairs/index.html) web page [https://www.tamuct.edu/student-affairs/index.html]. Students may also contact the institution's Title IX Coordinator. If you would like to read more about these [requirements and guidelines](http://www2.ed.gov/about/offices/list/ocr/docs/pregnancy.pdf) online, please visit the website [http://www2.ed.gov/about/offices/list/ocr/docs/pregnancy.pdf].

Title IX of the Education Amendments Act of 1972 prohibits discrimination on the basis of sex and gender—including pregnancy, parenting, and all related conditions. A&M-Central Texas is able to provide flexible and individualized reasonable accommodation to pregnant and parenting students. All pregnant and parenting students should contact the Division of Student Affairs at (254) 501-5909 to seek out assistance. Students may also contact the University's Title IX Coordinator.

Tutoring.

Tutoring is available to all A&M-Central Texas students, both on-campus and online. Subjects tutored on campus include Accounting, Advanced Math, Biology, Finance, Statistics, Mathematics, and Study Skills. Tutors are available at the Tutoring Center in Warrior Hall, Suite 111.

If you have a question regarding tutor schedules, need to schedule a tutoring session, are interested in becoming a tutor, or have any other question, contact Academic Support Programs at (254) 519-5796, or by emailing Dr. DeEadra Albert-Green at deeadra.albertgreen@tamuct.edu.

Chat live with a tutor 24/7 for almost any subject from on your computer! Tutor.com is an online tutoring platform that enables A&M-Central Texas students to log in and receive FREE online tutoring and writing support. This tool provides tutoring in over 40 subject areas. Access Tutor.com through Canvas.

University Writing Center

Located in 416 Warrior Hall, the University Writing Center (UWC) at Texas A&M University-Central Texas is a free workspace open to all TAMUCT students from 10am-4pm Monday-Thursday during the summer with online hours available Monday-Thursday from 6:00-9:00pm. Students may arrange a one-on-one session with a trained and experienced writing tutor by visiting the UWC during normal operating hours (both half-hour and hour sessions are available) or by making an appointment via [WOnline](https://tamuct.mywconline.com/) at [https://tamuct.mywconline.com/]. In addition, you can email Dr. Bruce Bowles Jr. at bruce.bowles@tamuct.edu to schedule an online tutoring session. Tutors are prepared to help writers of

all levels and abilities at any stage of the writing process.

While tutors will not write, edit, or grade papers, they will assist students in developing more effective composing practices. By providing a practice audience for students' ideas and writing, our tutors highlight the ways in which they read and interpret students' texts, offering guidance and support throughout the various stages of the writing process. In addition, students may work independently in the UWC by checking out a laptop that runs the Microsoft Office suite and connects to WIFI, or by consulting our resources on writing, including all of the relevant style guides. Whether you need help brainstorming ideas, organizing an essay, proofreading, understanding proper citation practices, or just want a quiet place to work, the University Writing Center is here to help!

If you have any questions about the University Writing Center, please do not hesitate to contact Dr. Bruce Bowles Jr. at bruce.bowles@tamuct.edu.

University Library.

The University Library provides many services in support of research across campus and at a distance. We offer over 200 electronic databases containing approximately 250,000 eBooks and 82,000 journals, in addition to the 85,000 items in our print collection, which can be mailed to students who live more than 50 miles from campus. Research guides for each subject taught at A&M-Central Texas are available through our website to help students navigate these resources. On campus, the library offers technology including cameras, laptops, microphones, webcams, and digital sound recorders.

Research assistance from a librarian is also available 24 hours a day through our online chat service, and at the reference desk when the library is open. Research sessions can be scheduled for more comprehensive assistance, and may take place on Skype or in-person at the library. Assistance may cover many topics, including how to find articles in peer-reviewed journals, how to cite resources, and how to piece together research for written assignments.

Our 27,000-square-foot facility on the A&M-Central Texas main campus includes student lounges, private study rooms, group work spaces, computer labs, family areas suitable for all ages, and many other features. Services such as interlibrary loan, TexShare, binding, and laminating are available. The library frequently offers workshops, tours, readings, and other events. For more information, please visit our [Library website](http://tamuct.libguides.com/index) [http://tamuct.libguides.com/index].

A Note about Sexual Violence at A&M-Central Texas

Sexual violence is a serious safety, social justice, and public health issue. The university offers support for anyone struggling with these issues. University faculty are mandated reporters, so if someone discloses that they were sexually assaulted (or a victim of Domestic/Dating Violence or Stalking) while a student at TAMUCT, faculty members are required to inform the Title IX Office. If you want to discuss any of these issues confidentially, you can do so through Student Counseling (254-501-5955) located on the second floor of Warrior Hall (207L).

Sexual violence can occur on our campus because predators often feel emboldened, and victims often feel silenced or shamed. It is incumbent on ALL of us to find ways to actively create environments that tell predators we don't agree with their behaviors and tell survivors we will support them. Your actions matter. Don't be a bystander; be an agent of change. For additional information on campus policy and resources visit the [Title IX webpage](https://www.tamuct.edu/departments/compliance/titleix.php) [https://www.tamuct.edu/departments/compliance/titleix.php].

Copyright Notice.

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