

LGAV 4980 – UNMANNED AERIAL VEHICLES AND SYSTEMS

Fall 2026

Department of Logistics and Operations Management

W 2:25 – 5:15 PM

BLB 035

Updated August 16, 2026*



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Student assistant E-mail	Sravani Mandava Via Canvas

* This syllabus was last updated on the date mentioned above. Please check the Canvas course site for the latest version after the start of the semester. Once the semester begins, any change in syllabus will be communicated to students via canvas. The instructor reserves the right to change the syllabus including the grading policy; however, this is very rare and only occurs under unusual circumstances.

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WELCOME TO UNT!

As members of the UNT community, we have all made a commitment to be part of an institution that respects and values the identities of the students and employees with whom we interact. UNT does not tolerate identity-based discrimination, harassment, and retaliation. UNT's full non-discrimination policy can be found in [this section](#) of the syllabus.

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CATALOG DESCRIPTION

The course focuses on different aspects of business and engineering related to unmanned aerial vehicles (UAVs) and various systems necessary to support these aircraft. The course covers topics related to procurement, manufacturing, supply chain, infrastructure, legal and regulatory challenges, business models, engineering designs and challenges, communication systems, and applications of UAVs. The course is offered through a combination of lectures, guest speakers, class discussions, UAV test facility drone applied exercises, case studies, and readings. The students will work on a group project or term paper as the final deliverable. Lectures are delivered by academic and industry experts.

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COURSE MATERIALS

Primary Text: Introduction to Unmanned Aircraft Systems 3rd Edition. Routledge, Taylor and Francis. Barnhart, R. Kurt, Douglas M. Marshall, and Eric Shappee. 2021. ISBN: 9780367366599

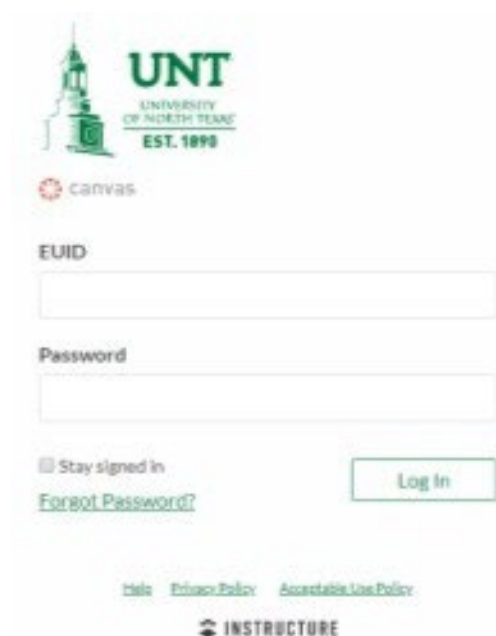
Required Reading Materials (available for free download from the FAA website):

1. AC 107-2A Small Unmanned Aircraft System (sUAS) Advisory Circular: (Remote / Drone Pilot Ops Guide) Electronic– November 16, 2021. Federal Aviation Administration.

[Small Unmanned Aircraft System Advisory Circular](#)

2. Remote Pilot Study Guide FAA-G-8082-22. Federal Aviation Administration. 2016.

[Remote Pilot Study Guide](#)



Canvas: Course materials, assignments, and outside readings will be available within Canvas or through the UNT online library services. Students can access Canvas or UNT Library using the Internet. The site is password protected. You can learn more about Canvas by reviewing the on-line student manuals. Go to [Canvas](#) or [library](#) and login using your EUID and AMS password.

You are expected to log in to Canvas at least once in every 24 hours. Important announcements are delivered to you via Canvas e-mail.

Outside Readings: Outside readings may be assigned as determined by the instructor. Topical issues will be provided from current business readings and sources. [See here](#) for the list of readings.

Internet Software: You will need the Internet access and a web browser such as Mozilla Firefox or Internet Explorer. Course materials and assignments will be distributed via the Internet using Canvas. You will be responsible for accessing Canvas to obtain all course materials. Adobe Acrobat Reader will be required to read some of these materials. Acrobat Reader is available free from www.adobe.com.

Class Presentations: Class presentations are available in several formats such as PPT, PDF, and/or video files on Canvas.

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COURSE OBJECTIVES

At the end of this course, students should be able to:

1. Explain the difference between different types of UAVs and their role in operations and supply chain management.
2. Describe different applications in a variety of supply chains such as business logistics, healthcare, and disaster relief operations.
3. Understand operations, supply chain, navigation systems, infrastructure, and human factors associated with UAS.
4. Understand the various types of costs associated with implementing and managing UAVs and associated systems.
5. Understand regulations and policies as they relate to growth and competitiveness of the UAS industry in the USA.
6. Obtain hands-on experience with a drone-simulator.

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COURSE FORMAT

The course is delivered through lectures posted in Canvas. The course will be conducted by a combination of lectures (PPTs and video lectures), quizzes, and other assignments. A few online lectures will be presented live and will be posted to the course site. The lectures are designed to introduce or explain select principles and number problems. You must read the book!



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COMMUNICATION WITHIN THE COURSE

How to reach the instructor?

The best way to reach me is through E-mail via Canvas Inbox. If Canvas is not working, you may e-mail me at ila.manuj@unt.edu. Unless you want to specifically direct the e-mail only to me, I strongly recommend that you copy the student academic assistant for this course, on all your e-mails.

I will have office hours in my office and online. Shortly, I will be setting up scheduled office hours and will post an announcement on Canvas. Meanwhile, you may send me an email and request video conferencing and meeting.

How to get to know your classmates?

A Class Introduction forum exists as a discussion board under Discussions tab in Canvas. To earn points, you need to introduce yourself before the stated deadline. Details on what to include in the course are posted in the Discussion board. I look forward to hearing from you!

My expectation is that you will conduct yourself professionally and respect the diversity of opinions among your classmates. When communicating with your classmates, please be courteous and use professional language— threats and harassment will not be tolerated.

How soon will you receive a response from the instructor or the student academic assistant to e-mails or to questions posed on the discussion board?

Typically, the instructor and/or the student academic assistant will reply to your e-mail within two business days. Active discussion boards will be monitored every 2-3 days by the student academic assistant and by the instructor.

How soon will I receive feedback from the instructor or the student academic assistant on course evaluation items such as quizzes and assignments?

Typically, feedback on all assignments is available within two weeks of submission. If the instructor is behind schedule on grading an assignment, she will keep you informed.

What student support services and academic services are available to the students?

Links to Academic Support Services, such as Office of Disability Accommodation, Counseling and Testing Services, UNT Libraries, Online Tutoring, UNT Writing Lab and Math Tutor Lab can be located within Blackboard Canvas on the "Academic Support" tab.

Other resources available to you are as follows:

UNT Portal: <http://my.unt.edu>

UNT Blackboard Canvas Student Resources: [Technical Support](#)

[UNT Library Information for Off-Campus Users](#)

[UNT Computing and Information Technology Center](#)

[UNT Academic Resources for Students](#)

[Computer Labs: General access computer lab information can be located at:](#)

[CoB computer labs information](#)

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COURSE TECHNOLOGY & SKILLS

Minimum Technology Requirements:

- Computer
- Reliable internet access
- Speakers
- Microphone
- Plug-ins
- Microsoft Office Suite
- [Canvas Technical Requirements](#)

Computer Skills & Digital Literacy:

- Using Canvas
- Using email with attachments
- Downloading and installing software
- Using spreadsheet programs
- Using presentation and graphics programs

Technical Assistance

Part of working in the online environment involves dealing with the inconveniences and frustration that can arise when technology breaks down or does not perform as expected. Here at UNT we have a Student Help Desk that you can contact for help with Canvas or other technology issues.

[UIT Help Desk](#)

Email: helpdesk@unt.edu

Phone: 940-565-2324

In Person: Sage Hall, Room 130

Walk-In Availability: 8am-9pm

Telephone Availability:

- Sunday: noon-midnight
- Monday-Thursday: 8am-midnight
- Friday: 8am-8pm
- Saturday: 9am-5pm

Laptop Checkout: 8am-7pm

For additional support, visit [Canvas Technical Help](#)

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GRADING

Grading will be based on your performance on the following evaluation instruments. **Please see [Course Schedule](#) for deadlines related to the course.**

Evaluated Item	Points	Percent
A. Introduction Discussion(mandatory)	50	5%
B. Discussion papers and presentations	100	10%
C. Attendance	100	10%
D. Drone simulator	200	20%
E. Quizzes	100	10%
F. Class research paper	150	15%
G. LinkedIn Module	100	10%
H. Professional Development	50	5%
I. Final Exam	150	15%
Total	1000	100%

Letter grades will be assigned according to the combination of both “absolute” points earned and performance “relative” to other students as follows. First, the total points earned will be compared to an absolute scale and a grade determined as per table below. Then, class standing (rank) will be determined based on total points earned, and a grade determined based on relative ranking as per the table below. The final grade will be no lower than the higher of the two grades (absolute or relative).

This is “higher of the two grades” policy is subject to a minimum of 500 points to pass the course. Earning 500 points does not entitle you to pass the course.

Grade	Absolute	Relative	Relative Rank Band
A	90 to 100	Top 20%	1-20%
B	80-89	Next 40%	21-60%
C	70-79	Next 20%	61-80%
D	60-69	Next 10%	81-90%
F	Below 60	Bottom 10%	91-100%
Minimum to pass the course is 500 points			

A few examples of grading (assuming 100 students in class) are provided in the table below:

Absolute Percentage	Absolute Grade	Relative Rank (Relative Rank Band)	Relative Grade	Course Grade (Higher of the two)
90	A	10 (Within 1- 20%)	A	A
88	B	15 (Within 1- 20%)	A	A
78	C	55 (Within 21-60%)	B	B
82	B	25 (Within 21-60%)	B	B
49	F	85 (Within 81-	D	F

A. INTRODUCTION DISCUSSION

The first item is a Class Introduction discussion board available under Discussions tab in Canvas. Details on what to include in the introduction post are posted in the Discussion board. I look forward to hearing from you! My expectation is that you will conduct yourself professionally and respect the diversity of opinions among your classmates. When communicating with your classmates, please be courteous and use professional language— threats and harassment will not be tolerated.

B. DISCUSSION PAPERS AND PRESENTATION

The instructor will assign discussion questions. These are due every class unless the instructor tells otherwise.



C. ATTENDANCE

Attendance will be recorded for each in-class session. You may miss one class session without any excuse and no loss in points. If you miss any additional class sessions, you will need to provide documented proof of a university-approved excuse (e.g., medical condition, family emergency, etc.) and may need to complete additional assignments to get credit for an excused missed class. Please note that several of our class sessions are online, and they still count for attendance credit.

D. DRONE SIMULATOR

Details will be provided by the instructor in the class.

E. QUIZZES

See Canvas for details. Quizzes will be announced ahead of time and will be open for at least 48 hours. Quizzes will primarily be based on the textbook.

F. CLASS RESEARCH PAPER

See Canvas for details.

G. LINKEDIN MODULE

Details will be provided by the instructor in the class. The module is based on FAA Part 107 Commercial Drone License Cert Prep.

H. PROFESSIONAL DEVELOPMENT

See Canvas for details.

I. FINAL EXAM

Details will be provided by the instructor in the class.

EXTRA CREDIT

A few extra credit opportunities are built into the course. See Annex 1. No extra credit will be available unless it is offered to the entire class. Any extra credit opportunities will be announced by Canvas email at least 24 hours in advance.

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MISSING AN EXAM, QUIZ, OR OTHER GRADED ASSIGNMENT

If you miss any graded evaluation item, a documented proof of a university-approved excuse (e.g. medical condition, family emergency, etc.) will be required to allow for late submission of an assignment to get credit. These situations will



occur on an exceptional basis and must be justified on extraordinary circumstances.

In order to be considered for the makeup, **you must notify me via email before the assignment is due**. Failure to provide *prior* notification will disallow you from any late submission or makeup work. Exceptions will only be made in very extreme cases. Documentation will be required for late submission or to for substitute make-up work.

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FINAL GRADES

In keeping with university policy and privacy acts, grades will not be given out over the telephone. Grades are not allowed to be given out by the department staff. Do not call or stop by the department office to ask for your grade. You may check your grade on-line using Canvas, or schedule an appointment to receive your final grade and a review of your performance.

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GRADE APPEALS, WITHDRAWALS, & INCOMPLETES

Please refer to the UNT Undergraduate Catalog for policies governing these actions. If you have any questions, please contact me for clarification. Please note I use an incomplete only for extraordinary circumstances. An incomplete grade will not be used simply to provide more time to complete the course requirements.

If you disagree with how any assignment or examination was graded, you must submit a written appeal by email or letter before the start of the next class period. The email or letter must clearly state the rationale for the appeal and provide evidence to support your position. Appeals that do not provide supporting rationale and specific reference(s) to course materials will be returned without consideration.

Please refer to the UNT registrar's website for information about the last day to drop the course with an automatic W without the instructor's consent and for last day to drop the course with instructor's written consent and a grade of W or WF.

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STUDENT CONDUCT

Students are expected to act in a professional manner reflecting the norms of conduct reflective of the modern corporate workplace. As a *minimum*, students need to be familiar with and adhere to all principles as described by the Center for Student Rights and Responsibilities (www.unt.edu/cssr). The CSSR posts copies of the Student Code of Conduct and Student Handbook on this website. Students are responsible for being knowledgeable of and adhering to the guidelines provided. However, I personally respect you as an individual and look at you as a junior executive in the profession of business.

Acceptable Student Behavior: Student behavior that interferes with an instructor's ability to conduct an online class or other students' opportunity to learn is unacceptable and disruptive and will not be tolerated in any instructional forum at UNT. Students engaging in unacceptable behavior may be blocked from the course and the instructor may refer the student to the Center for Student Rights and

Responsibilities to consider whether the student's conduct violated the Code of Student Conduct. The university's expectations for student conduct apply to all instructional forums, including university and electronic classroom, labs, discussion groups, field trips, etc. The Code of Student Conduct can be found at www.unt.edu/csrr.

Rules of Engagement: Rules of engagement refer to the way students are expected to interact with each other and with their instructors. Here are some general guidelines:

- While the freedom to express yourself is a fundamental human right, any communication that utilizes cruel and derogatory language on the basis of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law will not be tolerated.
- Treat your instructor and classmates with respect in any communication online or face-to-face, even when their opinion differs from your own.
- Ask for and use the correct name and pronouns for your instructor and classmates.
- Speak from personal experiences. Use “I” statements to share thoughts and feelings. Try not to speak on behalf of groups or other individual’s experiences.
- Use your critical thinking skills to challenge other people’s ideas, instead of attacking individuals.
- Avoid using all caps while communicating digitally. This may be interpreted as “YELLING!”
- Be cautious when using humor or sarcasm in emails or discussion posts as tone can be difficult to interpret digitally.
- Avoid using “text-talk” unless explicitly permitted by your instructor.
- Proofread and fact-check your sources.
- Keep in mind that online posts can be permanent, so think first before you type.
- See these [Engagement Guidelines](https://clear.unt.edu/online-communication-tips) (<https://clear.unt.edu/online-communication-tips>) for more information.

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ACADEMIC INTEGRITY

Cheating, plagiarism, or other inappropriate assistance on examinations, abstracts, or cases will be treated with zero tolerance and will result in a grade of “F” for the course. Any work on the quizzes or assignments is to be treated identically as an in-class test: the work should be entirely yours with ABSOLUTELY NO outside help or assistance. When working on the papers, you must not discuss your work with anyone unless specifically approved by the instructor.

Copying or using material from papers previously submitted by other students (at UNT or other learning institutions) or downloaded from the Internet is plagiarism. If you quote material, you must cite your sources. **Large scale “cutting and pasting” from other sources, even if properly footnoted does not meet the criterion of submitting your own work and will result in a failing grade for the course.**

The examination instructions are very clear regarding what materials may be used on the exam. **If you “preprogram” your calculator, use any materials other than those permitted on the exam, talk with other individuals during the exam (in-person or electronically), exchange information about an exam**

with an individual that has not taken the exam, or copy or use material from another individual's exam, you will receive a failing grade for the course.

According to University policy, if you become aware of any misconduct related to academic integrity, you should inform me or another proper authority such as the department chair or associate dean.

Academic integrity policy is available [here](#). You are strongly encouraged to review the policy.

UNT COLLEGE OF BUSINESS STUDENT ETHICS STATEMENT

As a student of the UNT College of Business, I will abide by all applicable policies of the University of North Texas, including the Student Standards of Academic Integrity, the Code of Student Conduct and Discipline and the Computer Use Policy. I understand that I am responsible reviewing the policies as provided by link below before participating in this course. I understand that I may be sanctioned for violations of any of these policies in accordance with procedures as defined in each policy.

I will not engage in any acts of academic dishonesty as defined in the Student Standards of Academic Integrity, including but not limited to using another's thoughts or words without proper attribution (plagiarism) or using works in violation of copyright laws. I agree that all assignments I submit to the instructor and all tests I take shall be performed solely by me, except where my instructor requires participation in a group project in which case I will abide by the specific directives of the instructor regarding group participation.

While engaged in on-line coursework, I will respect the privacy of other students taking online courses and the integrity of the computer systems and other users' data. I will comply with the copyright protection of licensed computer software. I will not intentionally obstruct, disrupt, or interfere with the teaching and learning that occurs on the website dedicated to this course through computer "hacking" or in any other manner.

I will not use the university information technology system in any manner that violates the UNT nondiscrimination and anti-sexual harassment policies. Further, I will not use the university information technology system to engage in verbal abuse, make threats, intimidate, harass, coerce, stalk or in any other manner which threatens or endangers the health, safety or welfare of any person. Speech protected by the First Amendment of the U.S. Constitution is not a violation of this provision, though fighting words and statements that reasonably threaten or endanger the health and safety of any person are not protected speech.

[Student Standards of Academic Integrity](#)

[Code of Student Conduct and Discipline](#)

[Computer Use Policy](#)

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AMERICANS WITH DISABILITIES ACT

UNT makes reasonable academic accommodation for students with disabilities. Students seeking accommodation must first register with the Office of Disability Accommodation (ODA) to verify their eligibility. If a disability is verified, the ODA will provide a student with an accommodation letter to be delivered to faculty to begin a private discussion regarding one's specific course needs. Students may request accommodations at any time, however, ODA notices of accommodation should be provided as early as possible in the semester to avoid any delay in implementation. Note that students must obtain a new

letter of accommodation for every semester and must meet with each faculty member prior to implementation in each class. For additional information see the [ODA website](#). Please do not hesitate to contact me now or in the future if you have any questions or if I can be of assistance.

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PROHIBITION OF DISCRIMINATION, HARASSMENT, AND RETALIATION (POLICY 16.004)

The University of North Texas (UNT) prohibits discrimination and harassment because of race, color, national origin, religion, sex, sexual orientation, gender identity, gender expression, age, disability, genetic information, veteran status, or any other characteristic protected under applicable federal or state law in its application and admission processes; educational programs and activities; employment policies, procedures, and processes; and university facilities. The University takes active measures to prevent such conduct and investigates and takes remedial action when appropriate.

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EMERGENCY NOTIFICATION & PROCEDURES

UNT uses a system called Eagle Alert to quickly notify students with critical information in the event of an emergency (i.e., severe weather, campus closing, and health and public safety emergencies like chemical spills, fires, or violence). In the event of a university closure, please refer to Canvas for contingency plans for covering course materials.

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RETENTION OF STUDENT RECORDS

Student records pertaining to this course are maintained in a secure location by the instructor of record. All records such as exams, answer sheets (with keys), and written papers submitted during the duration of the course are kept for at least one calendar year after course completion. Course work completed via the Canvas online system, including grading information and comments, is also stored in a safe electronic environment for one year. Students have the right to view their individual record; however, information about student's records will not be divulged to other individuals without proper written consent. Students are encouraged to review the Public Information Policy and the Family Educational Rights and Privacy Act (FERPA) laws and the University's policy. See UNT Policy 10.10, Records Management and Retention for additional information.

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ACCESS TO INFORMATION - EAGLE CONNECT

Students' access point for business and academic services at UNT is located at: my.unt.edu. All official communication from the University will be delivered to a student's Eagle Connect account. For more information, please visit the website that explains Eagle Connect and how to forward e-mail [Eagle Connect](#).

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STUDENT EVALUATION OF TEACHING EFFECTIVENESS

Student feedback is important and an essential part of participation in this course. The student evaluation of instruction is a requirement for all organized classes at UNT. The survey will be made available during weeks 13, 14 and 15 of the long semesters to provide students with an opportunity to evaluate how this course is taught. Students will receive an email from "UNT SPOT Course Evaluations via IASystem Notification" (no-reply@iasystem.org) with the survey link. Students should look for the email in their UNT email inbox. Simply click on the link and complete the survey. Once students complete the survey, they will receive a confirmation email that the survey has been submitted. For additional information, please visit the [SPOT website](#) or email spot@unt.edu.

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SEXUAL ASSAULT PREVENTION

UNT is committed to providing a safe learning environment free of all forms of sexual misconduct, including sexual harassment sexual assault, domestic violence, dating violence, and stalking. Federal laws (Title IX and the Violence Against Women Act) and UNT policies prohibit discrimination on the basis of sex, and therefore prohibit sexual misconduct. If you or someone you know is experiencing sexual harassment, relationship violence, stalking, and/or sexual assault, there are campus resources available to provide support and assistance. UNT's Survivor Advocates can assist a student who has been impacted by violence by filing protective orders, completing crime victim's compensation applications, contacting professors for absences related to an assault, working with housing to facilitate a room change where appropriate, and connecting students to other resources available both on and off campus. The Survivor Advocates can be reached at SurvivorAdvocate@unt.edu or by calling the Dean of Students Office at 940-565- 2648. Additionally, alleged sexual misconduct can be non-confidentially reported to the Title IX Coordinator at oeo@unt.edu or at (940) 565 2759.

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FEDERAL REGULATION: IMPORTANT NOTICE FOR F-1 STUDENTS TAKING DISTANCE EDUCATION COURSES

To read detailed Immigration and Customs Enforcement regulations for F-1 students taking online courses, please go to the [Electronic Code of Federal Regulations website](http://www.ecfr.gov/) (<http://www.ecfr.gov/>). The specific portion concerning distance education courses is located at Title 8 CFR 214.2 Paragraph (f)(6)(i)(G).

The paragraph reads:

(G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per session, term, semester, trimester, or quarter may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing. If the F-1 student's course of study is in a language study program, no on-line or distance education classes may be considered to count toward a student's full course of study requirement.

University of North Texas Compliance

To comply with immigration regulations, an F-1 visa holder within the United States may need to engage in an on-campus experiential component for this course. This component (which must be approved in

advance by the instructor) can include activities such as taking an on-campus exam, participating in an on-campus lecture or lab activity, or other on-campus experience integral to the completion of this course.

If such an on-campus activity is required, it is the student's responsibility to do the following:

(1) Submit a written request to the instructor for an on-campus experiential component within one week of the start of the course.

(2) Ensure that the activity on campus takes place and the instructor documents it in writing with a notice sent to the International Student and Scholar Services Office. ISSS has a form available that you may use for this purpose.

Because the decision may have serious immigration consequences, if an F-1 student is unsure about his or her need to participate in an on-campus experiential component for this course, s/he should contact the UNT International Student and Scholar Services Office (telephone 940-565-2195 or email internationaladvising@unt.edu) to get clarification before the one-week deadline.

Student Verification

UNT takes measures to protect the integrity of educational credentials awarded to students enrolled in distance education courses by verifying student identity, protecting student privacy, and notifying students of any special meeting times/locations or additional charges associated with student identity verification in distance education courses.

See [UNT Policy 07-002 Student Identity Verification, Privacy, and Notification and Distance Education Courses](https://policy.unt.edu/policy/07-002) (<https://policy.unt.edu/policy/07-002>).

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USE OF STUDENT WORK

A student owns the copyright for all work (e.g., software, photographs, reports, presentations, and email postings) he or she creates within a class and the University is not entitled to use any student work without the student's permission unless all of the following criteria are met:

- The work is used only once.
- The work is not used in its entirety.
- Use of the work does not affect any potential profits from the work.
- The student is not identified.
- The work is identified as student work.

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CLASS RECORDINGS

Synchronous (live) sessions in this course may be recorded for students enrolled in this to refer to throughout the semester. Your images may appear on video. Class recordings are the intellectual property of the university or instructor. The lecture recordings will be available to you for study purposes and may also be reused in future course offerings only for educational purposes. Students may not post or otherwise share the recordings outside the class, or outside the Canvas Learning Management System, in any form. Failing to follow this restriction is a violation of the UNT Code of Student Conduct and could lead to disciplinary action.

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ACADEMIC SUPPORT & STUDENT SERVICES

Student Support Services: Mental Health

UNT provides mental health resources to students to help ensure there are numerous outlets to turn to that wholeheartedly care for and are there for students in need, regardless of the nature of an issue or its severity. Listed below are several resources on campus that can support your academic success and mental well-being:

- [Student Health and Wellness Center](#)
- [Counseling and Testing Services](#)
- [UNT Care Team](#)
- [UNT Psychiatric Services](#)
- [Individual Counseling](#)

Chosen Names

A chosen name is a name that a person goes by that may or may not match their legal name. If you have a chosen name that is different from your legal name and would like that to be used in class, please let the instructor know. Below is a list of resources for updating your chosen name at UNT.

- [UNT Records](#)
- [UNT ID Card](#)
- [UNT Email Address](#)
- [Legal Name](#)

**UNT eulDs cannot be changed at this time. The collaborating offices are working on a process to make this option accessible to UNT community members.*

Pronouns

Pronouns (she/her, they/them, he/him, etc.) are a public way for people to address you, much like your name, and can be shared with a name when making an introduction, both virtually and in-person. Just as we ask and don't assume someone's name, we should also ask and not assume someone's pronouns.

You can [add your pronouns to your Canvas account](#) so that they follow your name when posting to discussion boards, submitting assignments, etc.

Below is a list of additional resources regarding pronouns and their usage:

- [What are pronouns and why are they important?](#)
- [How do I use pronouns?](#)
- [How do I share my pronouns?](#)
- [How do I ask for another person's pronouns?](#)
- [How do I correct myself or others when the wrong pronoun is used?](#)

Additional Student Support Services

- [Registrar](https://registrar.unt.edu/registration) (<https://registrar.unt.edu/registration>)
- [Financial Aid](https://financialaid.unt.edu/) (<https://financialaid.unt.edu/>)
- [Student Legal Services](https://studentaffairs.unt.edu/student-legal-services) (<https://studentaffairs.unt.edu/student-legal-services>)
- [Career Center](https://studentaffairs.unt.edu/career-center) (<https://studentaffairs.unt.edu/career-center>)
- [Multicultural Center](https://edo.unt.edu/multicultural-center) (<https://edo.unt.edu/multicultural-center>)
- [Counseling and Testing Services](https://studentaffairs.unt.edu/counseling-and-testing-services) (<https://studentaffairs.unt.edu/counseling-and-testing-services>)
- [Pride Alliance](https://edo.unt.edu/pridealliance) (<https://edo.unt.edu/pridealliance>)
- [UNT Food Pantry](https://deanofstudents.unt.edu/resources/food-pantry) (<https://deanofstudents.unt.edu/resources/food-pantry>)

Academic Support Services

- [Academic Resource Center](https://clear.unt.edu/canvas/student-resources) (<https://clear.unt.edu/canvas/student-resources>)
- [Academic Success Center](https://success.unt.edu/asc) (<https://success.unt.edu/asc>)
- [UNT Libraries](https://library.unt.edu/) (<https://library.unt.edu/>)
- [Writing Lab](http://writingcenter.unt.edu/) (<http://writingcenter.unt.edu/>)

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COURSE SCHEDULE

Below is the tentative class schedule. A detailed class schedule is posted on Canvas.

Week	Date	Topic
1	Aug 19 Wed	Introduction to the course (Ila Manuj) Introduction to the drone simulation software
2	Aug 26 Wed	History of Unmanned Aircraft: A SC perspective (Ila Manuj) Drone Simulations
3	Sep 2 Wed	UAV Applications Introduction Discussion is due by 11:59 pm
4	Sep 9 Wed	UAVs Application: Business, Public Safety and non-Business Applications Guest Speaker: Walker Brown One-Pager for Mid-Term Progress is due by 11:59 pm
5	Sep 16 Wed	Attend North Texas Drone Demo Day (9 am -2 pm). See Canvas for details or complete an alternative activity for attendance credit.
6	Sep 23 Wed	Drone simulations
7	Sep 30 Wed	Navigation and control systems
8	Oct 7 Wed	The UAV Manufacturing Ecosystem (Manuj) Drone Simulations
9	Oct 14 Wed	Engineering and design considerations Presentations and papers due on Oct 19 by 11:59 pm (note that this is a Monday)
10	Oct 21 Wed	Class research paper presentation Oct 19 (note that this is a Monday)
11	Oct 28 Wed	The UAV and AAM "Ecosystem" – Infrastructure Guest Speaker: Jake Zelman
12	Nov 4 Wed	The UAV and AAM "Ecosystem" - Regulations Guest Speaker: Bob Waltz
13	Nov 11 Wed	Developing CONOPs for UAV operations
14	Nov 18 Wed	Human Factors in Unmanned Aerial Systems FAA Part 107 Commercial Drone License Cert due by Nov 30 Monday LinkedIn Certificate (A8. Step 3) due by Nov 30 Monday
15	Nov 23-29	Thanksgiving Break (University Closed)
16	Dec 2 Wed	The Future of Unmanned Aircraft Systems Zephyr drone simulation due by 11:59 pm

FINAL EXAM: 1 – 3 PM. Saturday, December 5.

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