

	Course	MODERN BIOCHEMISTRY II - BIOL 6453				
	Professor	Mehmet Candas				
	Term	Fall 2025				
	Meetings	Lecture	T Th	8:30-	9:45 am	SCI 1.210
	Workshop	Th	7:00-	7:50 PM	SCI 1.210	

Contact Information

Professor	Dr. Mehmet Candas
Office Phone	972-883-6338
Office Location	FN 3.206
Email Address	candas@utdallas.edu
Office Hours	Email for appointment

Workshop TAs	Jacqueline Sunder Singh: jxs210036@utdallas.edu Tuhina Maity: tuhina.maity@utdallas.edu
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General Course Information

Pre-requisites	Prior background with a course(s) BIOL/CHEM 3461 Biochemistry I or BIOL 6452 Modern Biochemistry, or equivalents.
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Course Description	<p>Overall, the course is devoted to mastering:</p> <ol style="list-style-type: none"> 1) Photosynthesis and carbon fixation. 2) The metabolism of amino acids and nucleotides. 3) The structures of nucleic acids. 4) The structure, function and metabolism of lipids and its integration into biochemical pathways 5) Structural and functional organization of biological membranes; dynamic remodeling of membrane, transport across cell membrane. 6) Energy charge system of the cell and integration of metabolism
Learning Outcomes	<p>Upon completing this course, students will be able to:</p> <ol style="list-style-type: none"> 1. Identify and interpret the structural and functional roles of major metabolites involved in photosynthesis, carbon fixation, nitrogen assimilation, amino acid biosynthesis, the urea cycle, nucleotide metabolism, fatty acid synthesis and degradation, lipid signaling pathways, and the biosynthesis of eicosanoids, prostaglandins, isoprenoids, cholesterol, and steroid hormones. 2. Critically analyze the structural organization and dynamic behavior of biological membranes, including membrane fluidity, protein-lipid interactions, ion channels, and transport systems, and assess their roles in cellular homeostasis and signal transduction. 3. Integrate structural features of proteins, nucleic acids, and lipid membranes, and relate these features to their biochemical functions, regulatory mechanisms, and roles in complex cellular processes.

	<ol style="list-style-type: none"> 4. Explain the integration of metabolic pathways in response to physiological demands, with emphasis on endocrine regulation of energy metabolism, homeostatic control mechanisms, and the influence of hormonal signaling on metabolic flux. 5. Analyze and interpret the regulation, dysfunction, or manipulation of metabolic pathways, with a focus on their implications for health, disease, and therapeutic development. 6. Develop proficiency in identifying, evaluating, and synthesizing primary and secondary scientific literature relevant to biochemical pathways, molecular mechanisms, and applied biotechnology. 7. Apply concepts from molecular biology, biochemistry, physiology, and biotechnology to analyze complex biological systems and metabolic networks and integrate Multidisciplinary Knowledge. 8. Translate theoretical knowledge and apply concepts to real-world contexts by evaluating biochemical processes in the context of drug discovery, clinical relevance, or biotechnological innovation. 9. Organize and present scientific knowledge clearly and logically in written form, using appropriate terminology, structure, and citation practices expected at the graduate level.
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Required textbook and Course Material	<p>Lehninger Principles of Biochemistry, Eighth Edition (David L. Nelson; Michael M. Cox) with Achieve access code</p> <p>You need to have an access code for Achieve - the digital learning platform accompanying the textbook - to complete the homework assignments and take advantage of the digital resources and interactive learning tools like adaptive quizzing and e-book.</p> <p>Lecture slides, class notes and study guides are posted according to the lecture and exam schedule.</p> <p>Communication and announcements are conducted through official channels used by the University, including utdallas.edu email and utdallas.edu website as well as the course's Microsoft Teams channel. Changes in course activities such as modifications and/or adjustment of exam and/or meeting schedules, or events that may require suspension of activities are communicated to all students in the class. You do not need to send an email message to the instructor as appropriate changes, actions and guidelines are promptly communicated with all students.</p>
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Course Access and Navigation	<p>This course can be accessed using your UT Dallas NetID account on the eLearning website.</p> <p>Please see the course access and navigation section of UT Dallas Getting Started with eLearning webpage for more information.</p>
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Tentative Schedule and Topics

Learning modules are based on 1-2 selected chapters from the textbook Lehninger Principles of Biochemistry, 8th edition, David L. Nelson; Michael M. Cox. There are:

- **Six tests** - specific for the topics covered in each learning module
(you need to register for a testing time slot at the Testing Center 6-7 days in advance)
- **Ten homework assignments** – specific for each chapter covered in the course
(You need to have access code for Achieve to complete the homework assignments)
- **Two term paper assignments** - based on a selected topic
(Choose one of the given topics and its outlined objectives to prepare your paper)

DATES		MODULES	TOPICS	TESTS	HOMEWORK	ASSIGNMENT
Tuesday	26-Aug	1	Chapter 20 - Photosynthesis and Carbohydrate Synthesis in Plants	MODULE 1 TEST Testing Center Sep 3-Sep 8	Chapter 20 Achieve due Oct 8	On selected topic Due Oct 15
Thursday	28-Aug					
Tuesday	2-Sep					
Thursday	4-Sep	2	Chapter 18 - Amino Acid Oxidation and the Production of Urea Chapter 22 (22.1-22.3) - Biosynthesis of Amino Acids and Nucleotides	MODULE 2 TEST Testing Center Sep 19-Sep 22	Chapters 18, 22 Achieve due Oct 8	
Tuesday	9-Sep					
Thursday	11-Sep					
Tuesday	16-Sep					
Thursday	18-Sep	3	Chapter 8 - Nucleotides and Nucleic Acids Chapter 22 (22.4) - Biosynthesis of Amino Acids and Nucleotides Chapter 25 - DNA Metabolism	MODULE 3 TEST Testing Center Oct 8-Oct 13	Chapters 8, 25 Achieve due Oct 8	
Tuesday	23-Sep					
Thursday	25-Sep					
Tuesday	30-Sep					
Thursday	2-Oct					
Tuesday	7-Oct	4	Chapter 10 - Lipids Chapter 11 - Biological Membranes and Transport	MODULE 4 TEST Testing Center Oct 29-Nov 3	Chapters 10, 11 Achieve due Dec 10	On selected topic Due Dec 10
Thursday	9-Oct					
Tuesday	14-Oct					
Thursday	16-Oct					
Tuesday	21-Oct					
Thursday	23-Oct					
Tuesday	28-Oct	5	Chapter 17 - Fatty Acid Catabolism Chapter 21 - Lipid Biosynthesis	MODULE 5 TEST Testing Center Nov 19-Nov 22	Chapters 17, 21 Achieve due Dec 10	
Thursday	30-Oct					
Tuesday	4-Nov					
Thursday	6-Nov					
Tuesday	11-Nov					
Thursday	13-Nov	6	Chapter 23 - Hormonal Regulation and Integration of Metabolism	MODULE 6 TEST Testing Center Dec 5-Dec 9	Chapter 23 Achieve due Dec 10	
Tuesday	18-Nov					
Thursday	20-Nov					
Tuesday	2-Dec					
Thursday	4-Dec					
Tuesday	9-Dec					

(Descriptions and timelines are subject to change at the discretion of the Professors)

Homework Assignments

There are two term-paper assignments. The term-paper assignments entail preparation of 4-5 pages of response in the form of a mini term paper addressing a chosen topic and corresponding outlined objectives. Responses should not be less than 4 pages.

Homework Assignment 1 is due October 15, 2025.

Choose one of the following topics and its outlined objectives to prepare your paper:

Topic: Photosynthesis and Carbohydrate Synthesis in Plants

Objectives:

- Evaluate research on photosynthetic efficiency and metabolic engineering.
- Integrate plant biochemistry with biotechnology.
- Explore how to harness photosynthetic pathways for biotechnological innovation
- Evaluate implications for sustainable agriculture or energy.
- Analyze how advances in understanding the Calvin cycle and carbohydrate biosynthesis can be leveraged to enhance crop yield or biofuel production.
- Evaluate current biotechnological strategies and propose a novel application or improvement.

Topic: Amino Acid Oxidation and the Production of Urea

Objectives:

- Evaluate how to target nitrogen metabolism in disease therapy
- Apply biochemical knowledge to disease mechanisms.
- Analyze metabolic pathways in clinical contexts.
- Identify a therapeutic target within this pathway, evaluate therapeutic strategies. and assess its potential for drug development.
- Explore the role of amino acid catabolism and the urea cycle in metabolic disorders or cancer.

Topic: Biosynthesis of Amino Acids and Nucleotides

Objectives:

- Evaluate how to use synthetic biology approaches to amino acid and nucleotide production
- Understand industrial applications of metabolic pathways.
- Evaluate biotechnology strategies for compound production.
- Investigate how synthetic biology is used to engineer microbial systems for the production of essential amino acids or nucleotides.
- Evaluate the commercial and therapeutic implications.

Topic: Nucleotides and Nucleic Acids Objectives

Objectives:

- Evaluate therapeutic targeting of nucleotide metabolism in cancer and viral infections
- Review the role of nucleotide metabolism in rapidly proliferating cells, such as cancer or virus-infected cells.
- Analyze a current or emerging therapeutic strategy that targets nucleotide biosynthesis or salvage pathways.
- Explain nucleotide metabolism and its dysregulation.
- Integrate biochemical and pharmacological concepts.
- Evaluate therapeutic strategies in oncology or virology.

Topic: DNA Metabolism

Objectives:

- Explore how to use DNA repair pathways as targets for precision medicine
- Explain DNA repair mechanisms and their clinical relevance.
- Apply molecular biology to drug development.
- Select a DNA repair mechanism (e.g., base excision repair, homologous recombination) and evaluate its role in maintaining genomic stability.
- Discuss how defects in this pathway are exploited in targeted therapies (e.g., PARP inhibitors).

Homework Assignment 2 is due December 10, 2025.

Choose one of the following topics and its outlined objectives to prepare your paper:

Topic: Lipids

Objectives:

- Understand lipid structure and function in health and disease
- Apply biochemical analysis to clinical diagnostics.
- Evaluate applications of lipidomic in disease diagnosis and therapeutic monitoring.
- Explore how lipid profiling is used in diagnosing metabolic or neurodegenerative diseases.
- Evaluate a case study where lipidomic has informed clinical decision-making or therapy.

Topic: Biological Membranes and Transport

Objectives:

- Evaluate membrane transport mechanisms in drug delivery systems
- Analyze how biological membrane transport mechanisms are exploited in the design of modern drug delivery systems.
- Choose a specific drug or nanocarrier system and evaluate its interaction with membrane transport pathways.

Topic: Fatty Acid Catabolism

Objectives:

- Evaluate fatty acid oxidation disorders and apply biochemical knowledge to clinical case analysis.
- Investigate a specific inborn error of fatty acid oxidation (e.g., MCAD deficiency). Describe the biochemical basis, clinical presentation, diagnostic methods, and emerging treatments.
- Evaluate diagnostic and therapeutic strategies.

Topic: Lipid Biosynthesis

Objectives:

- Evaluate targeting lipid biosynthesis in metabolic syndrome and cancer
- Explore how dysregulation of lipid biosynthesis contributes to metabolic syndrome or cancer.
- Analyze lipid biosynthesis pathways in disease contexts.
- Integrate metabolic and pharmacological concepts.
- Identify a key enzyme or regulatory node in lipid biosynthesis and assess its potential as a therapeutic target.

Topic: Hormonal Regulation and Integration of Metabolism

Objectives:

- Explore hormonal control of metabolism and therapeutic strategies
- Integrate endocrine and metabolic biochemistry with clinical application.
- Examine how insulin and glucagon regulate carbohydrate, lipid, and protein metabolism.
- Analyze how this regulation is disrupted in Type 2 diabetes and evaluate a current or emerging therapeutic approach aimed at restoring metabolic balance.

Course Policies

Tests and Assignments	<p>There is a total of six tests, 10 homework assignments, and 2 term papers.</p> <p>Tests are specific for the learning modules outlined in the schedule. Learning modules are based on 1-2 selected chapters from the textbook <i>Lehninger Principles of Biochemistry, 8th edition, David L. Nelson; Michael M. Cox</i>. Each test covers the specified chapters of the textbook as indicated. Tests may have 40-50 questions with multiple choice and true/false answers.</p> <p>Tests are given at the Testing Center on the days indicated in the schedule. To take your test at the Testing Center, you need to register for a time slot 6-7 days in advance for those days. Please keep in mind that testing hours at the Testing Center is strictly restricted to the operation hours of the Center (Testing Center The University of Texas at Dallas). Please review the Student Guidelines posted by the Testing Center.</p> <p>Homework assignments are based on chapter-specific assessments in Achieve. These include a range of question types that foster a diverse and thorough evaluation of your skills. To access homework assignments, you must register for Achieve with your access code when prompted.</p> <ul style="list-style-type: none"> • Homework assignments for modules 1, 2 and 3, covering chapters 20, 18, 22, 8, and 25, are due October 8th, 11:59 pm. • Homework assignments for modules 4, 5 and 6, covering chapters 10, 11, 17, 21, and 23, are due December 10th, 11:59 pm. <p>You have up to 3 attempts to answer the questions in the homework assignments. There is minus 10% partial credit for each incorrect attempt. After completing each question, you can view the answer/solution explanation. There is no time limit to answer the questions. However, please keep in mind that homework assignments must be completed before the deadlines to receive grade. There are no late submissions. Assignments not completed or submitted on time are scored “zero”. No exception. It is your responsibility to check the course schedule regularly and complete the homework assignments according to the due dates.</p> <p>If you encounter technical issues, contact Achieve support immediately.</p> <p>Term paper assignments entail preparation of 4-5 pages of response to a chosen topic and objectives outlined in the form of a mini term paper. Responses should not be less than 4 pages and more than 5 pages.</p> <p>Please remember, tests, homework and term paper assignments are given in an extended time window. There is sufficient time to schedule and</p>
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	<p>complete tests, homework and term paper assignments flexibly on time. Completion of all tests, homework and term paper assignments is required. It is your responsibility to follow the course schedule attentively and complete the tests and assignments on time. The scores for missed, not completed or not taken tests or assignments are recorded "zero". No test or assignment score is dropped from grade calculation.</p>
<p>Grades</p>	<p>Tests, homework, and term paper assignments are scored on a 100 points basis. The average of the test scores constitutes 60% of the course grade. The average of the homework assignments constitutes 20% of the course grade. The average of term paper assignments constitutes 20% of the course grade. Overall, performance (100%) and final letter grades are determined from 6 tests average (100 points =60%), 10 homework assignments average (100 points =20%), and 2 term paper assignments average (100 points =20%)</p> <p>Letter grades are distributed according to a curve based on the class average. The class average determines the median of the grade curve. An updated tentative letter grade distribution may be posted after each exam. Final letter grades are distributed according to the overall class average from the 6 tests average (60%), 10 homework assignments average (20%), and 2 term paper assignments average (20%). Final letter grade distribution is posted after all six tests, 10 homework assignments, and 2 term paper assignments are completed according to the course schedule.</p> <p>Letter grades are posted in UT Dallas Galaxy. The midterm letter grades are determined based on the class average from the exam scores available at the time of midterm grade posting. Final letter grades will be based on all exams. Final letter grade distribution at the end of the semester may be different than the midterm grades as well as tentative grades posted during the semester since final letter grade distribution is determined based on the overall class average from all six exams and homework assignments given in the course.</p> <p>If the overall average numerical score is fractional, it will be rounded off to the nearest integer value, i.e., 0.5 - 0.9 will be rounded up to the next highest whole number. For example, 84.5 would be rounded to 85 and the student would receive the letter grade corresponding to 85; but 84.4 would be rounded to 84 and the student would receive the letter grade corresponding to 84. Do not inquire about special consideration as grades are distributed fairly and generously for all students and we do not make individual adjustments.</p> <p>Scores and posted letter grades are finalized within 1 week of submission and no score change will occur after.</p> <p>Letter grade is posted for BIOL 3462 / CHEM 3462 (lecture)</p>

<p style="text-align: center;">Study Suggestions</p>	<p>Attendance at lectures is strongly recommended. Follow the lecture presentations along with the posted slides. Review the slides to recall the points emphasized in the lectures. And finally, go over the study guide; find answers for each of the questions in the study guide by reviewing the related slides and parts of the textbook, and write answers. The questions in the study guide are not exam questions; however, exam questions will be based on the concepts emphasized in the study guides. Generally, concepts are important; do not dwell on too many details unless specifically emphasized in the study guide. Make sure you test your knowledge by answering the questions in the study guide without looking at the answers you wrote. In other words, confirm the validity and sufficiency of your answers. This will confirm your comprehension of the concepts as well as how much you integrate your knowledge to the concepts.</p>
<p style="text-align: center;">Class Attendance</p>	<p>Regular and punctual class attendance is expected. Absences may lower a student's grade as students who fail to attend lectures regularly usually invite scholastic difficulty. Lectures may include discussions and presentation of supplementary material; thus, class attendance and class participation are deemed essential.</p> <p>Arriving at the classroom punctually and regularly attending the class meetings is a part of your responsibility. Attendance and participation are reported to the registrar as mandated by the University. Lateness or leaving the class early is not tolerated as it is disruptive to the orderly and efficient conduct of the class. Students who establish a trend of habitual lateness/chronic tardiness or leaving the class early are reported to the Dean of Students Office.</p> <p>Be very punctual in your class attendance on the exam days. Students arriving at the exams later than 15 min after the beginning of the regular exam start time will not be admitted to the exam. Students will not be admitted to the exams if any other student has completed and turned in the exam at that time. There may not be a make-up exam for missed exams unless the student provides documented excuse for the circumstance.</p> <p>Do not disturb your peers or instructors during lectures. Distracting yourself and others during lectures is disruptive to the course conduct.</p>
<p style="text-align: center;">Workshops</p>	<p>Weekly workshops are conducted as 75-minute-long review sessions where the course TAs discuss the topics presented in lectures. You are welcome to attend any or all the workshop sessions. Attendance is not mandatory and there are no quizzes, exams, or assignments associated with the workshops.</p>
<p style="text-align: center;">Supplemental Instruction</p>	<p>Supplemental Instruction (SI) may be offered for this course. Attendance is voluntary. For further information, refer to: www.utdallas.edu/studentsuccess/leaders/si.html</p>

<p style="text-align: center;">Use of Electronic Devices</p>	<p>Use of all electronic devices including laptop computers, cellular telephones, PDAs, headphones, pagers are distractive to teaching and learning process and they are not permitted. Such devices must be turned off and put away during lectures and exams. At the discretion of the Professor, laptop computers may be allowed during class only for taking notes or following the lecture slides. If you are using a computer for taking notes, you may be asked to sit separately in the classroom as to not unduly distract, interfere, or disrupt your classmates. Students who engage in use of electronic devices for activities unrelated to the learning experience will be reported to the Dean of Students Office for academic disciplinary action. Additionally, please avoid personal communication unless it is an emergency as not to disturb other students and disrupt class flow.</p>
<p style="text-align: center;">Make-up exams</p>	<p>Make-up exams may be scheduled only for the most extreme of documented circumstances (events of illness, official university business, or professional school interviews). Missed/not-taken exam score is recorded as zero, "0".</p> <p>Students requesting to take a make-up exam must document their circumstances that affect the completion of an exam. Official document(s) must be submitted for evaluation by the Professor, and Dean of Undergraduate Education, as well as UT Dallas - Office of Community Standards and Conduct.</p> <p>Most "return to work" slips do not indicate that there was a sickness or emergency, and they do not specify the date and reason for visiting a doctor. Official documentation must indicate the date and reason of absence, or a documentation indicating attendance to a school interview, or demonstrating an extraordinary/emergency. Since religious holidays are known in advance, students must inform the instructor about these holidays in the beginning of the semester.</p> <p>Being overwhelmed is not an excuse for make-up exam or later exam request since it probably indicates that student has not kept up with the material and attempting to learn the material at the last minute. Students taking late exams should not be able to benefit from the extra time that other students do not have. If make-up exam score is significantly higher than the class average for that exam and/or student's previous exam(s), the average of student's other exams may be assigned as the make-up exam grade. Students can maintain their average but not improve upon it by taking make up exams. Make up exams will not be given earlier than the actual date and time of testing. Make-up exams may be different from regular exams and may include a verbal component and/or drawing of structures. There may not be any make-up exam for the last exam/exam 4 as due to final grade submission.</p>

<p style="text-align: center;">Incomplete Grades</p>	<p>Students who unavoidably miss an exam can be granted incomplete grades (I) at the discretion of the instructor and only if 75% of the course work has been completed and the student cannot complete all requirements by the end of the semester. Please be aware, incomplete grades can affect/delay graduation if it is requested in the same semester student has applied for graduation.</p> <p>An incomplete course grade (I) must be completed within the time specified by the instructor, not to exceed eight weeks from the first day of the subsequent long semester. Upon completion of the required work, incomplete may be converted into a letter grade (A through F) by the instructor. If the grade of Incomplete is not removed by the end of the specified period, it will automatically be changed to F.</p> <p>Students may obtain a petition/documentation form for an Incomplete in the office of the student's Undergraduate Associate Dean. The form is to be submitted to the instructor from whom the Incomplete is sought. Extension beyond the specified limit can be made only with the permission of the instructor, the student's Associate Dean and the Undergraduate Dean. A student may not re-enroll in a course in which a grade of 'I' remains.</p>
<p style="text-align: center;">Intellectual Property and Copyrighted Material</p>	<p>It is the policy of The University of Texas at Dallas to adhere to the requirements of the United States Copyright and Intellectual Property Laws. Content of the course, including, but not limited to, course outlines, class notes, PowerPoint slides, lecture recordings, virtual meetings, exams, and assignments may contain copyright-protected material and/or intellectual property, and therefore, they should not be distributed, shared in any public domain, posted on a third-party website, or sold. Intellectual property and copyright infringements are treated as civil – intellectual property disputes.</p> <p>The course instructor is the exclusive owner of copyright in the created course materials, including presentations, Power Point slides, recordings, tests, exams, quizzes, assignments, study guides, outlines, discussions on virtual meetings, and similar materials. The course materials are only used in the course allowed by the instructor, and they are protected by United States copyright law [Title 17, U.S. Code]. Access to the course material is allowed only to the students within the course environment and students' use of the copyrighted material is governed by United States copyright law. Students may not distribute, publish, or share the course content in any other form or media, nor may not knowingly allow or facilitate others to reproduce, distribute, or share course materials. This includes providing any part of the course materials to commercial course material suppliers, such as Chegg, Slader, Course Hero, or other similar services, including blogs and non-commercial services. Students who publicly distribute, share, or display or help others publicly distribute, share or display copies or modified copies of an instructor's course materials will be in violation of</p>

	<p>university policies covered in the Student Code of Conduct of The University of Texas at Dallas.</p>
<p>Use of Information Resources, eLearning, and Course Content</p>	<p>UT Dallas information technology resources and eLearning platform are primarily provided for university-related purposes and should be used in a manner consistent with the University’s academic, teaching, learning, research, and administrative missions. The continuing ability to use these resources is contingent upon their appropriate and responsible use. Students are expected to be good stewards of the University’s information resources and data, and use them in a safe, responsible, ethical, and legal manner.</p> <p>Students at the university community agree to respect the intended usage of the University’s information resources, eLearning, and course content and abide by the norms of behavior about technology and online course access.</p> <p>Students’ responsibilities include compliance with all federal, State of Texas, UT Dallas policies, and other applicable laws, regulations, contracts—including university or third-party copyright, patents, trademarks, software license agreements, and university policies regarding electronic communications, protection of course content and institutional data, and operation of information technology resources.</p> <p>All correspondence must be transmitted from the student's UTD email account. This requirement allows university personnel to maintain a high degree of confidence in the identity of the individual corresponding with a university official and in the security of the transmitted information.</p> <p>Violations of the laws, policies and regulations of the University’s information resources, misuse or abuse of course content and eLearning resources may result in disciplinary action up to and including suspension or revocation of computer accounts and access to networks, non-reappointment, discharge, dismissal, and/or legal action.</p>
<p>e-Mail Use</p>	<p>The University of Texas at Dallas recognizes the value and efficiency of communication between faculty/staff and students through electronic mail. At the same time, email raises some issues concerning security and the identity of everyone in an email exchange. The university encourages all official student email correspondence to be sent only to a student’s U.T. Dallas email address and that faculty and staff consider email from students official only if it originates from a UTD student account. This allows the university to maintain a high degree of confidence in the identity of all individual corresponding and the security of the transmitted information.</p>

<p style="text-align: center;">Student Conduct and Discipline</p>	<p>A student at the university neither loses the rights nor escapes the responsibilities of citizenship. He or she is expected to obey federal, state, and local laws as well as the Regents' Rules, university regulations, and administrative rules. Students are subject to discipline for violating the standards of conduct whether such conduct takes place on or off campus, or whether civil or criminal penalties are also imposed for such conduct.</p> <p>Any violation of the Student Code of Conduct is investigated and handled by the Dean of Students. Violation results in penalty includes but is not limited to the use, attempted use, or providing of unauthorized materials, information, or study aids in any academic exercise; the use of sources beyond those authorized by the instructor in completing any academic exercise. Any type of discussion about questions and answers on assignments/tests, including those held in social media platforms and other electronic chat groups, may be considered cheating. Failure to submit a test within the timeframe allocated by the professor, whether in the classroom or in the University testing center may be considered cheating. Academic exercise includes all forms of work submitted for credit or hours.</p>
<p style="text-align: center;">Academic Integrity</p>	<p>The faculty expects from its students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work.</p> <p>Scholastic dishonesty includes, but is not limited to, statements, acts or omissions related to applications for enrollment or the award of a degree, and/or the submission as one's own work or material that is not one's own. As a rule, scholastic dishonesty involves one of the following acts: cheating, plagiarism, collusion and/or falsifying academic records. Students suspected of academic dishonesty are subject to disciplinary proceedings.</p> <p>Plagiarism, especially from the web, from portions of papers for other classes, and from any other source is unacceptable and will be dealt with under the university's policy on plagiarism (see general catalog for details). This course will use the resources of turnitin.com, which searches the web for possible plagiarism and is over 90% effective.</p> <p>Please review the policies under the UT Dallas Community Standards and Conduct.</p>
<p style="text-align: center;">Withdrawal from Class</p>	<p>The administration of this institution has set deadlines for the withdrawal of any college-level courses. These dates and times are published in that semester's course catalog. Administration procedures must be followed. It is the student's responsibility to handle withdrawal requirements from any class. In other words, we cannot drop or withdraw any student. You must do the proper paperwork to ensure that you will not receive a final grade</p>

	of "F" in a course if you choose not to attend the class once you are enrolled.
Disability And Accessibility Services	<p>It is the student's responsibility to notify himself/herself in advance and identify himself/herself with the Office of Student Accessibility (OSA) and to provide documentation of a disability. Strict documentation guidelines exist for different types of disabilities. The student must meet with OSA, who determines appropriate accommodation after reviewing documentation prepared by a licensed professional.</p> <p>Instructors cannot arrange accommodation for a student who does not identify himself/herself as a student with a disability and has not provided the faculty member with an Accommodation Letter from OSA. It is the student's responsibility to obtain the paperwork from OSA and request from OSA that an official confirmation letter regarding their accommodation is sent directly to the professor.</p>
Emotional Distress Support and Student Counseling Services	<p>Isolation diminished social interactions, over-reliance on technology and concerns about the future are emotional stress factors. These factors can impact mental health, create anxiety, sense of loss, lack of enthusiasm, desperation, and doubtfulness about abilities and feeling. Emotional distress shows different in different people. Some of the common reactions include difficulty in concentration, change in appetite, exhibition of reckless behavior, withdrawal from communication, and sleep problems. Please contact UT DALLAS STUDENT COUNSELING SERVICES CENTER (SCC) if you or anyone you know is emotionally impacted by pandemic or any other concerns: https://counseling.utdallas.edu/</p> <p>Any student who would like to meet with an SCC staff member for support today are invited to contact SCC at counselingcenter@utdallas.edu. SCC crisis line 972-UTD-TALK is also available to students 24/7.</p>

These descriptions and timelines are subject to change at the discretion of the Professors.