



## General Chemistry II

The University of Toledo  
College of Natural Sciences and Mathematics  
Department of Chemistry and Biochemistry

**CHEM1240.001 (CRN 54366), CHEM1240.090 (CRN 54367)**

**Recitation Sections: 003 (CRN 41875), 004 (CRN 41877), 006 (CRN 41879), 009 (CRN 41882),  
010 (CRN 41883), 011 (CRN 41884), 091 (CRN 41886)**

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**Instructor:** Dr. Claire Cohen

**Email:** claire.cohen@utoledo.edu

**Office Hours**

Face-to-face office hours, BO2096H:

M,W,F, 9:15am - 10am

Remote (online) office hours:

Tues and Thurs

8:15am-9:15am and 11:00am- 11:30am

**Office Location:** online/ BO2096H

**Office Phone:** 4195304071

**Term:** Fall, 2021

**Lecture Location:** Remote Lectures (Blackboard)

**Lecture Day/Time:** MWF 10:20 – 11:15 am

**Recitation Location:** Varies (see your schedule)

**Recitation Day/Time:** Thursday (see your schedule)

**Credit Hours:** 4

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### **TEXTS AND ANCILLARY MATERIALS**

- From the Blackboard course site <https://blackboard.utoledo.edu/webapps/login/> you will access:
  - An electronic copy of the textbook, *Chemistry* by Julia Burge 5<sup>th</sup> edition
  - Connect online homework assignments
- A non-programmable calculator. Only non-programmable calculators are allowed when you take exams in this course.
- **Optional:** A hard copy of *Chemistry* by Julia Burge 5<sup>th</sup> edition (3-ring hole-punch version is available in the bookstore).

### **COURSE/CATALOG DESCRIPTION**

An introduction to solutions, equilibrium, acid-base theory, energy relationships and structural concepts. This sequence is for students who major in science, engineering or other fields which require chemistry as a prerequisite subject. Three hours lecture and one hour discussion per week.

### **COURSE OVERVIEW**

CHEM1240 is the second course in the General Chemistry sequence. CHEM 1290 is the appropriate lab course to go with CHEM 1240. This sequence is intended for majors in the natural sciences, science education, pharmacy, chemical engineering or bioengineering, and allied health fields.

### **PREREQUISITES AND COREQUISITES**

CHEM 1230 with a minimum grade of C is a prerequisite for CHEM1240.

## **TEACHING METHODOLOGY**

**Lecture:** You are expected to attend the live streamed lecture at our regularly scheduled class time. If you have an excusable conflict, the recording of the lecture will be available for you to view at a different time. Take active notes with the provided lecture outline for each lecture.

**Participation points:** You will have a set of participation questions to complete on Blackboard due each week Friday before 11:59pm (if for any reason the material is not covered before this day/time your instructor may opt to push back a deadline as needed). You are welcome to use your notes and textbook to complete these questions. You have unlimited attempts, untimed, before each posted deadline and your highest score will be recorded for credit. Each question is worth 0.25 points (There are also exam review questions worth 0.1 point each). There will be several extra points available overall.

**Textbook** We urge you to read the text before the lecture so you are familiar with concepts before hearing about them during the limited time of each class session.

**Online Homework** will be assigned each week in the form of an online assignment using the program Connect. You are required to attempt the weekly Connect assignment to the best of your ability before your scheduled recitation section. Selected problems from the assigned homework will be discussed in recitation each week. You will then complete the Connect assignment before the deadline each week of Sunday 11:59pm.

**Recitation:** Everyone is registered for a weekly recitation period. You are required to attend recitation each week. You are expected to show your TA your first attempt on the Connect assignment for the given week. Each recitation is worth 4 points including both attendance and an attempt on the Connect online homework. Please note the special university wide course expectations during COVID-19 listed on page 10 of the syllabus.

**Blackboard:** Blackboard is a course management system provided by the University of Toledo and can be accessed at <https://blackboard.utdl.edu/>. Your access code is your UTAD user name and password.

All remote (recorded) lectures, lecture outlines, online homework, online exams, and office hours will be accessed through Blackboard. You should consult the site every class day.

## **COMMUNICATION GUIDELINES**

As your instructor, I am here to help, and will do my best to respond to email within 24 to 48 hours. Students are expected to check their UT email account and Blackboard frequently for important course information. We want you to be successful in this course, so **let's work together!**

## **TECHNOLOGY REQUIREMENTS, SKILLS, AND PRIVACY POLICIES**

Please view the [technology considerations](#) for this course, including technical skills needed, general technology requirements, and technology privacy policies.

## **TECHNOLOGY REQUIREMENTS FOR EXAMS**

### **LockDown Browser + Webcam Requirement**

This course requires the use of LockDown Browser and a webcam for online exams. The webcam can be the type that's built into your computer or one that plugs in with a USB cable. Watch this brief video to get a basic understanding of LockDown Browser and the webcam feature.

<https://www.respondus.com/products/lockdown-browser/student-movie.shtml>

### **Download Instructions**

Download and install LockDown Browser from this link:

<https://download.respondus.com/lockdown/download.php?id=213815819>

If you have any issues with the Webcam requirement please contact your instructor asap to arrange for alternate proctoring arrangements for the exams.

## **GENERAL TECHNOLOGY REQUIREMENTS**

Students need to have access to a properly functioning computer throughout the semester. The Browser Check Page <http://www.utoledo.edu/dl/helpdesk/browser-check.html> will enable you to perform a systems check on your browser, and to ensure that your browser settings are compatible with Blackboard, the learning management system that hosts this course.

Software Student computers need to be capable of running the latest versions of plug-ins, recent software and have the necessary tools to be kept free of viruses and spyware.

This course does contain streaming audio and video content.

Use of Public Computers: If using a public library or other public access computer, please check to ensure that you will have access for the length of time required to complete tasks and tests. A list and schedule for on-campus computer labs is available on the Open Lab for Students webpage.

UT Virtual Labs: Traditionally, on-campus labs have offered students the use of computer hardware and software they might not otherwise have access to. With UT's Virtual Lab, students can now access virtual machines loaded with all of the software they need to be successful using nothing more than a broadband Internet connection and a web browser. The virtual lab is open 24/7 and 365 days a year at VLAB: The University of Toledo's Virtual Labs.

Learner Technical Support can be found here  
<http://www.utoledo.edu/dl/students/learnersupport.html>

## **ACCESSIBILITY OF COURSE TECHNOLOGIES**

Please view [Accessibility of Course Technologies](#) for information regarding the accessibility of Blackboard and other technologies used in this course.

## **COURSE EXPECTATIONS**

1. Read the textbook before the lecture, the schedule is listed below.
2. Attendance is required for the live streamed lectures. Take active notes using the provide lecture outlines.
3. Attendance is required for recitation classes. Bring your first attempt on Connect to your recitation class. Each recitation session is worth 4 WA points: 2 for attendance and 2 for an attempt on Connect. **No credit is given unless you attend the entire recitation session.**
4. You are responsible for all material and problems covered in class. Complete the participation questions on Blackboard before the Friday 11:59pm deadline each week.
5. Complete the online homework assignment Connect before the 11:59pm deadline each week.
6. If you need extra help, see your instructor virtually during office hours or use email. Seek help in the virtual **LEC**, virtual **Chemistry Help Center**, and/or attend virtual **Supplemental Instruction (SI)** sessions.

## OVERVIEW OF COURSE GRADE ASSIGNMENT

**Course Points** The following is the distribution of possible points in the course:

Midterm Exams 3 @ 100 points each	300 pts
Final Exam	200 pts
Connect Homework (online)	100 pts
Participation Questions (Blackboard)	100 pts
Practice Exam	<u>5 pts</u>
Total	705 pts

**Grade Scale** These are the minimum percentages of total points needed to receive the indicated grade.

	A	90%	A-	86%	
B+	82%	B	78%	B-	74%
C+	70%	C	66%	C-	62%
D+	58%	D	54%	D-	50%

**Drop, Withdrawal and Incomplete Grades** Course drop and withdrawal procedures have been set by the University. **Dropped** courses do not appear on your transcript. The deadline for dropping is September 13th. You may **withdraw** from the course and receive a grade of W. The deadline for withdrawal is November 5th. W's do not affect your GPA.

*Note: A student, registered for both a lecture course and an associated concurrent laboratory, who is intending to drop/withdraw from the lecture course by mid-semester (in first 8 weeks) must also drop the associated lab course. A student withdrawing from the lecture during the last weeks of allowed withdrawal (weeks 9-10) may be allowed to finish the lab course if they have a grade of C or better in the lab and permission of the lab instructor. The student would be required to complete the required paperwork for the registrar and obtain the signature of the faculty member in charge of the laboratory (to certify they meet the criteria above). The student will take the signed form to the registrar.*

A course grade of **Incomplete** is given only to those who have completed all but a small percentage of course requirements for an acceptable reason. The **Incomplete** must be removed before you take organic chemistry.

### Midterm Grading

A midterm grade should be taken seriously with respect to how well you are doing in the course approximately half-way through the semester. Midterm grades will be calculated based on the score on Exam 1 and up-to-date participation points and will use the grade scale as listed above.

### Final Grading

The course points and grade scale as listed above will be used to assign final grades.

## ACADEMIC POLICIES

**Examinations** *Make-up exams will not be given.* Excused absences will only be given based on conditions outlined below. If an excuse is acceptable, your missed exam score will be replaced with a score equal to the average of the other hour exams. The final exam cannot be excused. For all exams you must show a **photo ID card**. You may use a **non-programmable calculator**. You cannot use a programmable calculator or phone. You cannot share a calculator.

**Exam Absence Policies:** Students who will not be able to take an exam at the scheduled time due to an irresolvable conflict must provide **written** documentation to verify the conflict. This may occur for students on official university business. The exam will be given at another arranged time before the scheduled test date. *Approval must be obtained in advance.*

Students who unexpectedly miss an exam due to extreme circumstances such as severe illness, car accident or similar **extreme** circumstance should inform their instructor *ASAP*. **Documentation** such as a physician's note, an accident report, etc is required. An email to the instructor within 24 hours is expected. In all other cases a missed exam will result in 0 on the exam. In the event documentation is not readily obtained, students may work with the Office of Student Advocacy and Support to obtain an excusable absence.

<https://www.utoledo.edu/studentaffairs/student-advocacy/>

**Academic Dishonesty: Refer to the university's policy on Academic Dishonesty in the university catalogue and the Academic Honesty Statement that you will sign electronically as a part of your practice exam. Violation of this policy can result in a course grade of F with additional university sanctions possible.**

Undergraduate Policies: <http://www.utoledo.edu/policies/academic/undergraduate/>

Graduate Policies: <http://www.utoledo.edu/policies/academic/graduate/>

## **UNIVERSITY POLICIES**

Policy Statement on Non-Discrimination on the Basis of Disability (ADA): The University is an equal opportunity educational institution. Please read [The University's Policy Statement on Nondiscrimination on the Basis of Disability Americans with Disability Act Compliance](#).

Students can find this policy along with other university policies listed by audience on the [University Policy webpage](#) (<http://www.utoledo.edu/policies/audience.html/#students>).

### **Academic Accommodations**

The University of Toledo embraces the inclusion of students with disabilities. We are committed to ensuring equal opportunity and seamless access for full participation in all courses. For students who have an accommodations memo from Office of Accessibility and Disability Resources, I invite you to correspond with me as soon as possible so that we can communicate confidentially about implementing accommodations in this course. For students who have not established affiliation with Office of Accessibility and Disability Resources and are experiencing disability access barriers or are interested in a referral to healthcare resources for a potential disability or would like information regarding eligibility for academic accommodations, please contact the [Office of Accessibility and Disability Resources Office](#) (<http://www.utoledo.edu/offices/student-disability-services/>) by calling 419.530.4981 or sending an email to [StudentDisability@utoledo.edu](mailto:StudentDisability@utoledo.edu).

### **Institutional Classroom Attendance Policy**

Please be aware that the university has implemented an attendance policy, which requires faculty to verify student participation in every class a student is registered at the start of each new semester/course. For this course, if you have not attended/participated in class (completed any course activities or assignments) within the first 14 days, I am required by federal law to report you as not attended. Unfortunately, not attending/participating in class impacts your eligibility to receive financial aid, so it is VERY important that you attend class and complete course work in these first two weeks. Please contact me as soon as possible to discuss options and/or possible accommodations if you have any difficulty completing assignments within the first two weeks.

### **ACADEMIC AND SUPPORT SERVICES**

Please follow this link to view a comprehensive list of [Student Academic and Support Services](#) (<http://www.utoledo.edu/studentaffairs/departments.html>) available to you as a student

**Course scheduling assistance:** Chemistry Department Secretary, Ms. Samples, is in Room BO 2022, telephone 419-530-2698. She takes care of all scheduling changes.

**Chemistry Help Center, Virtual/Online**, is where the teaching assistants hold their office hours so it is a great place to receive assistance. A schedule will be posted early in the term. No appointment is necessary.

**Tutoring support. Virtual/Online** for all UT students is available through the **Learning Enhancement Center** located in the Carlson Library.

**Instructor Office Hours Virtual/Online** are times when you can join Blackboard Collaborate Ultra (no appointment needed) with questions about the course material. My office hour times are listed at the top of the syllabus.

#### **SAFETY AND HEALTH SERVICES FOR UT STUDENTS**

Please use the following link to view a comprehensive list [Campus Health and Safety Services](#) available to you as a student

#### **INCLUSIVE CLASSROOM STATEMENT**

In this class, we will work together to develop a learning community that is inclusive and respectful. Our diversity may be reflected by differences in race, culture, age, religion, sexual orientation, gender identity/expression, socioeconomic background, and a myriad of other social identities and life experiences. We will encourage and appreciate expressions of different ideas, opinions, and beliefs so that conversations and interactions that could potentially be divisive turn, instead, into opportunities for intellectual and personal development.

#### **COURSE SCHEDULE**

The following table will give you a general idea of our pace throughout the course. Exams will occur on the dates indicated below. Material covered on each exam will be dependent on the pace of the class and will be specified in lecture prior to each exam. Each chapter is consistent with the learning outcomes listed in the syllabus. This material will be assessed through our weekly assigned homework problems (Connect online homework) and Exams.

WEEK	DATES	TOPIC	STUDENT LEARNING OUTCOMES (Listed on p.9)	ASSIGNMENTS DUE
1	8/30 – 9/3	Ch 11: IMF and the Physical Properties of Liquids and Solids	1, 2	<b>Practice Exam (with Respondus Lockdown Browser):</b> Due Friday, 9/3, 11:59pm (suggested deadline)  <b>Participation Assignment #1:</b> Due Friday, 9/3, 11:59pm (suggested deadline)  <b>Connect Homework #1 (Ch 11A):</b> Due Sunday, 9/5, 11:59pm
2	9/6 – 9/10	Ch 11: continued Ch 13: Physical Properties of Solutions	1 – 4	(Note Labor Day is Mon. 9/6, no class)  <b>Participation Assignment #2:</b> Due Friday, 9/10, 11:59pm (suggested deadline)  <b>Connect Homework #2 (Ch 11B):</b> First attempt due at recitation. Final attempt due Sunday, 9/12, 11:59pm

WEEK	DATES	TOPIC	STUDENT LEARNING OUTCOMES (Listed on p.9)	ASSIGNMENTS DUE
3	9/13 – 9/17	Ch 13: continued	5	(Last day to drop this course is: 9/13)  <b>Participation Assignment #3:</b> Due Friday, 9/17, 11:59pm (suggested deadline)  <b>Connect Homework #3 (Ch 13A):</b> First attempt due at recitation. Final attempt due Sunday, 9/19, 11:59pm
4	9/20 – 9/24	Ch 13: continued Ch 14: Chemical Kinetics	2, 5, 6	<b>Participation Assignment #4:</b> Due Friday, 9/24, 11:59pm (suggested deadline)  <b>Connect Homework #4 (Ch13B/14A):</b> First attempt due at recitation. Final attempt due Sunday, 9/26, 11:59pm
5	9/27 – 10/1	Ch 14: continued	2, 6	<b>Participation Assignment #5:</b> Due Friday, 10/1, 11:59pm (suggested deadline)  <b>Exam 1</b> , Friday, 10/1, in Lecture (Chapters 11, 13, 14 (partial))  <b>Connect Homework #5 (Ch14B)</b> First attempt due at recitation. Final attempt due Sunday, 10/3, 11:59pm
6	10/4 – 10/8	Ch 14: continued Ch 15: Chemical Equilibrium	2, 7, 8	<b>Participation Assignment #6:</b> Due Friday, 10/8, 11:59pm (suggested deadline)  <b>Connect Homework #6 (Ch15A):</b> First attempt due at recitation. Final attempt due Sunday, 10/10, 11:59pm
7	10/11 – 10/15	Ch 15: continued	8, 11	Fall Break (no classes on 10/14 and 10/15)  <b>Participation Assignment #7:</b> Due Friday, 10/15, 11:59pm (suggested deadline)  <b>Connect Homework #7 (Ch15B):</b> First attempt due at recitation. Final attempt due Sunday, 10/17, 11:59pm
8	10/18, 10/22	Ch 15: continued Ch 16: Acids and Bases	1, 9, 10	<b>Participation Assignment #8:</b> Due Friday, 10/22, 11:59pm (suggested deadline)  <b>Connect Homework #8 (Ch16A):</b> First attempt due at recitation. Final attempt due Sunday, 10/24, 11:59pm

WEEK	DATES	TOPIC	STUDENT LEARNING OUTCOMES (Listed on p.9)	ASSIGNMENTS DUE
9	10/25 – 10/29	Ch 16: continued	1, 9, 10	<p><b>Participation Assignment #9:</b> Due Friday, 10/29, 11:59pm (suggested deadline)</p> <p><b>Exam 2</b>, Friday, 10/29, In Lecture (Ch 14 (partial), 15, 16 (partial)) and review of Exam 1)</p> <p><b>Connect Homework #9 (Ch16B):</b> First attempt due at recitation. Final attempt due Sunday, 10/31, 11:59pm</p>
10	11/1 – 11/5	Ch 16: continued Ch 17: Acid-Base Equilibria and Solubility Equilibria	1,3,9,10	<p>(Last day to withdraw from this course is: 11/5)</p> <p><b>Participation Assignment #10:</b> Due Friday, 11/5, 11:59pm (suggested deadline)</p> <p><b>Connect Homework #10 (Ch17A):</b> First attempt due at recitation. Final attempt due Sunday, 11/7, 11:59pm</p>
11	11/8 – 11/12	Ch 17: continued	1,3,9,10	<p>Veterans Day is Thursday, 11/11, no classes</p> <p><b>Participation Assignment #11:</b> Due Friday, 11/12, 11:59pm (suggested deadline)</p> <p><b>Connect Homework #11 (Ch17B):</b> First attempt due at recitation. Final attempt due Sunday, 11/14, 11:59pm</p>
12	11/15 – 11/19	Ch 17: continued Ch 18: Entropy, Free Energy, and Equilibrium	1 - 3,7, 9 - 11	<p><b>Participation Assignment #12:</b> Due Friday, 11/19, 11:59pm (suggested deadline)</p> <p><b>Connect Homework #12 (18A):</b> First attempt due at recitation. Final attempt due Sunday, 11/21, 11:59pm</p>
13	11/22 – 11/26	Ch 18: continued Ch 19: Electrochemistry	2, 11, 12	<p>Thanksgiving Break, no classes 11/24 – 11/26</p> <p><b>Participation Assignment #13:</b> Due Tuesday, 11/23, 11:59pm (suggested deadline)</p>
14	11/29 – 12/3	Ch 19: continued	2, 12	<p><b>Participation Assignment #14:</b> Due Friday, 12/3, 11:59pm (suggested deadline)</p> <p><b>Exam 3</b>, Friday, 12/3, In Lecture (Chapters 16 (partial), 17, 18, 19</p>



WEEK	DATES	TOPIC	STUDENT LEARNING OUTCOMES (Listed on p.9)	ASSIGNMENTS DUE
				(partial), and review of Exams 1 and 2)  <b>Connect Homework #13 (Week 14 18B/19A):</b> First attempt due at recitation. Final attempt due Sunday, 12/5, 11:59pm
15	12/6 – 12/10	Ch 19: continued	2, 12	<b>Participation Assignment #15:</b> Due Friday, 12/10, 11:59pm (suggested deadline)  <b>Connect Homework #14 (Week 15, 19B):</b> First attempt due at recitation. Final attempt due Sunday, 12/12, 11:59pm  All participation questions (All Chapters) are due by Sunday, 12/12, 11:55pm
Finals Week	12/13– 12/17	<b>Final Exam: Monday, 12/13, 10:15 am – 12:15 pm</b>	1 – 12	<b>Final Exam: Monday, 12/13, 10:15 am – 12:15 pm</b> Chapters 11, 13 – 19

**STUDENT LEARNING OUTCOMES** Upon completion of this course, students will be able to:

1. Predict properties of substances based on structure including the relative strengths of acids and bases.
2. Apply equations to solve for thermodynamic and kinetic quantities (Clausius–Clapeyron, Arrhenius, Nernst, and Gibbs Free energy equations)
3. Create and interpret heat curves, phase diagrams, and titration curves.
4. Identify the arrangements in crystalline solids and cubic unit cells.
5. Predict the properties of solutions (colligative properties) of known and unknown solutes including concentrations in various units (mole fraction, mass percent, molarity, molality, ppm, ppb).
6. Determine the reaction order using rate-laws, integrated rate laws, graphs, and half-lives.
7. Interpret reaction mechanisms including potential energy diagrams.
8. Predict and describe characteristics of a reaction at chemical equilibrium and solve for concentrations or partial pressures of products and reactants in equilibrium including equilibrium shifts.
9. Identify Arrhenius, Brønsted–Lowry, and Lewis acids and bases including conjugate acid–base pairs.
10. Perform calculations involving acid/base equilibria and sparingly soluble compound equilibria (including  $[H_3O^+]$ ,  $[OH^-]$ , pH, percent dissociation,  $K_a$ ,  $pK_a$ ,  $pK_b$ , buffer solutions).
11. Define a spontaneous process and classify various physical processes and chemical reactions as spontaneous, nonspontaneous, or at equilibrium.
12. Interpret galvanic and electrolytic cells (including shorthand notation and balanced equations for batteries, fuel cells, electrolysis, and corrosion) and perform calculations involving current and time.

## SPECIAL COURSE EXPECTATIONS DURING COVID-19

Maintaining a safe campus during the ongoing COVID-19 pandemic remains a top priority. UToledo continues to follow the guidance of the U.S. Centers for Disease Control and Prevention and Ohio Department of Health to keep our campus safe.

**ATTENDANCE** The University of Toledo has a missed class policy. It is important that students and instructors discuss attendance requirements for the course. Before coming to campus each day, students should take their temperature and complete a self-assessment for symptoms of COVID-19, such as cough, chills, fatigue or shortness of breath. Anyone with a temperature at or above 100.0 degrees Fahrenheit or who is experiencing symptoms consistent with COVID-19 should not come to campus and contact their primary care physician or the University Health Center at 419.530.5549. For more information on the symptoms of COVID-19, please go to <https://www.cdc.gov/coronavirus/2019-ncov/symptoms-testing/symptoms.html>

COVID-19 testing for sick students is available on both Main Campus and Health Science Campus. Call 419.383.4545 for an appointment. Absences due to COVID-19 quarantine or isolation requirements are considered excused absences. Students should notify their instructors and follow the protocols summarized in this document on Navigating COVID-Related Course Concerns.

In the event that you have tested positive for COVID-19 or have been diagnosed as a probable case, please review the CDC guidance on self-isolation and symptom monitoring, and report the disclosure to the Division of Student Affairs by emailing [StudentAffairs@utoledo.edu](mailto:StudentAffairs@utoledo.edu) or by connecting with their on-call representative at 419.343.9946. Disclosure is voluntary and will only be shared on a need to know basis with staff such as in the Office of Student Advocacy and Support, The Office of Residence Life, and/or the Office of Accessibility and Disability Resources to coordinate supportive measures and meet contact tracing requirements.

**FACE COVERINGS** Face coverings are required while on campus, except while eating, alone in an enclosed space, or outdoors practicing social distancing. Students will not be permitted in class without a face covering. If you have a medical reason preventing you from wearing a face covering due to a health condition deemed high-risk by the CDC, submit an online application to request an accommodation through the Office of Accessibility and Disability Resources. Students will need to provide documentation that verifies their health condition or disability and supports the need for accommodations. Students already affiliated with the Office of Accessibility and Disability Resources who would like to request additional accommodations due to the impact of COVID-19, should contact their accessibility specialist to discuss

their specific needs. You may connect with the office by calling 419.530.4981 or sending an email to [StudentDisability@utoledo.edu](mailto:StudentDisability@utoledo.edu).

**VACCINATION** Doctors and other health care professionals agree that the best way to protect ourselves and each other is to get vaccinated. Case data clearly show that vaccines remain highly effective at preventing serious illness from COVID, including the highly contagious delta variant. If you have not yet received your COVID vaccine, the University encourages you do so as soon as possible. No appointment is needed to get the shot at the UPMC Outpatient Pharmacy, University Health Clinic or Main Campus Pharmacy. Once you receive the COVID vaccination, please register on the COVID Vaccine Registry site at: <https://utvaccinereg.utoledo.edu/>.

**SPECIAL NOTES** It's important to note, that based on the unpredictability of the COVID-19 virus, things can change at any time. So please be patient and understanding as we move through the semester. I also ask that you keep me informed of concerns you may have about class, completing course work/assignments timely and/or health concerns related to COVID.