

# Chemistry 1450 Spring 2024

## CHEM 1450A (10083), 1450C (10439), 1450D (12548)

\*Note that content in this syllabus may be subject to change, with prior notice given

### I. Lecture

**Lecturer:** Erik Ruggles, Ph.D.

**Office:** Innovation 333 or Virtual Ethereal

**Email:** [Erik.Ruggles@uvm.edu](mailto:Erik.Ruggles@uvm.edu)

**Lecture Location:** Innovation E102 and [Teams](#)

**Office Hours:** MWF: 9:30-11:30am for in-office hours by appointment or any time for virtual office hours by appointment using [Teams](#). For us to meet you must make an appointment with me regardless of if it is in office or over Teams. This makes the best use of both of our time.

**Class:** 1450A M,W,F: 12:00-12:50pm; 1450C T,Th: 4:25-5:40pm; 1450D M,W,F: 8:30-9:20am

**Course Objectives:** The objective of this course is to make the student adept in the concepts and mathematics of matter, unit conversions, stoichiometry, concentrations, properties of solutions, kinetics of reactions, chemical equilibrium, acid-base equilibrium, reduction-oxidation equilibrium, entropy (second half of thermodynamics) and nuclear chemistry. Another objective of this course besides conceptual and mathematical is for the student to physically perform experiments within these concepts to make real laboratory connections to the topic.

### N2 – Natural Science Course with Lab:

Students completing a course fulfilling the N2: Natural Science (with lab) requirement will:

1. Demonstrate familiarity with scientific thought, observation, analysis, experimentation, and formal hypothesis testing in relation to the general field or topic of the course.
2. As appropriate to the level and field of the course, make informed judgments about scientific information and arguments related to the natural world.
3. As appropriate to the level and field of the course, use appropriate theories and models to predict change in natural systems over time.
4. Demonstrate understanding of the scientific method through practical and written work.

**Textbook:** There are a number of options to purchase **“Chemistry; Atoms First” 5th Ed., by Burdge and Overby** (McGraw Hill Publishing; Full text ISBN-13: 9781266270390) **along with ALEKS 360 online access.**

1. At the UVM bookstore, Loose Leaf ISBN 9781264572212 (~\$170; text and ALEKS). 52 weeks
2. Digital access, 18 weeks rental ISBN: 9781264565078 (~\$80; e-text and ALEKS)
3. Digital access, 52 weeks rental ISBN: 9781264569076 (~\$120; e-text and ALEKS)

The most bang for your buck is the UVM bookstore package (option 1), but the most economical is the 18 week rental (option 2).

**Lecture:** Class time will consist of mainly chalkboard-style lecture discussing concepts with multimedia use and sample problems. Part of class will also involve active learning by students in the form of working on sample problems on their own or in groups. The homework assigned prior to class will be

what will be covered in class. It is up to you to work these homework problems whether that happens before or after class lecture. It is MOST IMPORTANT that you do the homework problems prior to quizzes and exams. If you do not you will find these assessments difficult. I will also be available by email and on [Teams](#) as much as possible for question and answer.

**Module Homework:** The homework assigned is broken down into Modules and can be found in Brightspace by clicking the **Content and Activities** link in the top Brightspace banner. From there click the **2. Module Homework** link that can be found in the top left navigation pane. Within you will find all chapter homework modules. Each module contains Lecture Videos (extra supplementary content if needed for review), Homework Problem Sets (MOST IMPORTANT), and Homework Video Examples of Problems (extra supplementary help).

I will break down homework with a weekly homework into announcements that you can find within the **Course Home** (you should also receive email). This weekly announcement will tell you what will be covered (tentatively) the next week in lecture. It is up to the student to decide how they want to attack the homework after or before each class period, but you are expected to do your best in engaging in the lecture(s) and attempting the homework prior to the next class time. The more practice you do the better off you will be.

The **Lecture Videos** provides supplementary material and will be similar to our in class lectures with concepts along with sample problem solving. Watching these videos is not mandatory, merely supplementary if you feel the need. **Homework Problem Sets** will strengthen your connection between concept and the mathematics that describes the concept. I **STRONGLY ENCOURAGE** you to do as many problems as possible, as the more you practice the better you will get. Use the **Homework Video Examples of Problems** for extra help if needed. Our in-class lecture notes will be posted in pdf format and video format on Brightspace (**4. Course Materials** link). There will be NO STREAMING OF CLASS TIME over [Teams](#) unless you have provided proof (from the Dean's Office or Athletic Director) that you cannot make class and are in need of this accommodation.

**Extra Practice:** For added examples, blank old exams from my 2018, 2019 and 2021 classes, SI Sessions, as well as their answer keys are posted on Brightspace (**4. Course Materials** link). Remember that even though questions will change from year to year, the concepts will remain the same. **Do not study with just the old exams!** The Meat and Potatoes, or Seitan and Broccoli, is in the Homework Problems. Also, there are homework problem videos posted on Brightspace for extra "at-home" help.

**Recitations:** Throughout the semester I will hold recitations on the Monday evening from 6:45-7:45 pm on [Teams](#). The Sunday before a mid-semester exam I will hold an exam review session from 6:00-8:00pm also on [Teams](#). **These problem sessions are meant to address your questions about lecture topics and/or homework problem solving, so come prepared with questions.** Review sessions will be streamed, recorded and then posted in video format on [Teams](#) and will be posted in pdf format on Brightspace (**4. Course Materials** link).

**Homework Quizzes:** There will be ten graded homework quizzes (top 10 out of 11) during the semester. These quizzes will occur once we finish a chapter, and they will be found in ALEKS. To access, log in to Brightspace and follow the **3. ALEKS** link. You will have several days to complete each quiz, but I would not wait until the last moment. Due to the amount of time to complete these quizzes there are no extensions.

**Exams:** The exams are technically scheduled to be on Mondays from 6:40pm-9:40pm. There are no scheduled make up dates. These four exams will be given online, via ALEKS. To extend the greatest

flexibility, these **exams will be made available beginning Sunday at 8:00pm until 8:00pm on the following Wednesday**. You may take your exam at any time during the window in which it is available. Please realize that **once you have started the exam, you will have 3.0 hrs to complete it**. Exams cannot be saved and returned to later, even within the window of availability. Each mid-semester exam is written to take no more than 1.5 hrs. As such, every student is afforded double the time for the mid-semester exams and so extended time accommodation will not apply. ALEKS and myself will provide data/formulae information as well as a periodic table that will be available to you while taking the exam. You may use a calculator of your choosing. It is in your best interest to keep up with the practice exercises and quizzes in ALEKS so that you are familiar with the way the program wants you to enter your answers. The more you use the program, the easier it gets to navigate the various icons and syntax. Realize that **once the exam closes at 8:00pm on Wednesday, any work submitted afterward will not be graded**. Attendance at all examinations is required. A grade of zero will be assigned to any student who misses an exam. Please plan accordingly. In the event of an emergency, see Part VIII of this document for the policy regarding a missing exam. Students must go through their Deans Office for an examination to be rescheduled. Please also contact me and do not wait until the last second.

**Exam Dates:** All mid-semester exams open at 8pm on the first day and close at 8pm on the last day.

<b>February 4 – 7</b>	Exam 1 (ALEKS)	<b>May 6 – 10</b>	Final Exam (ALEKS)
<b>March 3 – 6</b>	Exam 2 (ALEKS)	<b>Cumulative (Opens on May 6 at 7:30am and will close May 10 at 11:59pm)</b>	
<b>April 14 – 17</b>	Exam 3 (ALEKS)		

**Final Exam Policy:** For final exam policies: <https://www.uvm.edu/registrar/final-exams>

**Extra Credit Group Exam Questions:** To help students make peer-peer connections in class and “fair” exams there will be group exam questions due at the end of each week throughout the semester. I will create groups with approximately 7-10 people per group. Your groups have already been made and I would suggest contacting each other over the Discussion Boards (at least at first) and start setting up some meetings to accomplish the overall goal. The goal for each group each week (Due Wednesday by Midnight, assigned the week before opening at noon) is to **SUPPLY ONE QUESTION WHETHER CONCEPTUAL OR MATHEMATICAL**. Each question is worth 3 extra credit points for your group. These questions will then be compiled by me and then some will be used in quizzes or exams. Don't be offended if your question is not used. These questions need to be fair to all students, but it does allow everyone to take part in creating fair assessments for the class. Please see this video for how submit your quiz/exam questions.

**Extra Credit Mindfulness Meditation Study:** I love research both chemical and social. I'm excited to say our class will be participating in a meditation study aimed at discerning if meditative practices can help science students with being attentive, alert, and relieve stress and anxiety. I practice meditation as a way to decompress but also prepare for upcoming lectures and presentations. This has been a small class study and now have graduated to large classroom science courses such as Chemistry and Biology. One to two classes a week will begin with a short meditative practice (see Tentative Schedule below). I am asking students to participate as well as answer a very short survey from week to week. This is not mandatory, but I believe mediation to be a great way to find focus and relieve anxiety. If our data supports this hypothesis, then we can help many other students with this practice. I hope all will join the study. Access to these surveys will follow shortly.

Check out [UVM Mindfulness](#) and [Headspace](#) websites for videos. To view videos you will need to create an account for Headspace, follow this link for a free setup: [Free Headspace New Account](#).

## II. Laboratory

**Lab Manuals:** All experiments can be found online on your lab's Brightspace website as individual pdfs. Please make sure you **print out each experiment and bring to lab**.

**Lab Notebook:** A notebook with carbon-less copies is required for recording lab data. All data is to be recorded in ink (not pencil). A carbon-less copy lab notebook can be bought at UVM's bookstore.

**Safety Eye Wear:** Everyone in the lab must wear OSHA approved (EZ87stamped) safety glasses or goggles once any experimentation has been started. Students not observing this rule will receive a **ZERO** for the experiment, warnings will not be given. Safety eyewear can be purchased at the UVM bookstore. **Contact Lenses are a potential health hazard and can be worn in the laboratory only if no other types of corrective lenses are available. If you have to wear contact lenses then you must wear goggles and please let your TA know.**

**Lab Attire:** This is a chemical laboratory dress appropriately! It is best to wear full pants and a shirt with at least short sleeves. Shorts and short pants (capris, crops, etc.) are not allowed in the laboratory. Shirts that expose the shoulders, midriff, or back are also not allowed. Proper footwear is also necessary in the laboratory. Full shoes, preferably constructed of leather or other chemically resistant material, should be worn in when in the laboratory. Open toed shoes, open backed shoes, and shoes that expose the top or other portions of the foot are not allowed. If you arrive at lab in inappropriate attire, you will not be allowed to perform the experiment that day.

**Prior to Start of Lab:** Purchase your lab notebook and safety glasses. In your Lab's Brightspace review and complete the Lab Safety and Academic Integrity Modules. Prior to lab print out the experiment. **If you have not purchased or completed these items, you will not be able to begin the lab portion of the course.**

**Attendance:** Students must attend the lab section they are assigned to. If more than two labs are missed, you will receive an **F** for the course. Only the academic dean of your college may grant an incomplete. An unexcused absence will result in a **ZERO** grade for the laboratory experiment. Official documentation of sickness or a family crisis is required for an excused absence. If there is a need to reschedule your lab time to one that is not your assigned time you must obtain permission from Christine Cardillo ([Christine.Cardillo@uvm.edu](mailto:Christine.Cardillo@uvm.edu)) a week in advance.

**Lab Videos:** Prior to attending your lab it is mandatory to view the video that accompanies the lab. These videos demonstrate the proper use of new equipment and the safe handling of chemicals. Videos can be found at: <https://www.youtube.com/channel/UC8r6fR2K-8xAtsf-a8edMg>.

**Laboratory Format:** Each laboratory period is scheduled for 2 hours and 45 minutes. This time includes recitation, your TA's pre-lab overview, performing the weekly experiment, lab clean-up, and lastly time for post-lab calculations. When you first arrive to lab you should turn in your pre-lab for the current week's lab, and the post-lab for the previous week's lab. The lab period will start with recitation, where you will work in groups on selected problems relating to both the current lecture and lab content. Recitation is followed by a brief pre-lab overview led by your TA, leading to the start of experimental work. All experimental work will be stopped prior to the end of the laboratory period to allow enough time for lab clean-up and proper waste disposal before leaving the laboratory. Lastly, any time left in the laboratory period should be used to get started on the post-lab calculations. Plan on being in laboratory for the full scheduled time, do not assume that you will be able to leave or get out of lab early every week.

### III. Course Grade

#### Percent Ranges for Grades:

I cannot say in advance which point ranges correspond to which letter grades, but I will give approximate correlations throughout the semester following each of the exams. Please note that you are not competing with each other for grades in this course: if everyone scores in the "A-range," I will give everyone "A"s for the course (really!). I encourage you all to work together as you study, to help each other learn the material, but do also recognize that all graded work must be solely your own, so be prepared to work independently to demonstrate your mastery of the material.

#### How to Calculate Your Points:

- 1) Class = **750 total points** (75% of grade; exams and homework)

  - 1a) Mid-Semester Exams = **375 points** (125 points/exam)
  - 1b) Homework = **125 points** (12.5 points/10 quizzes)
  - 1c) Final Exam = **250 points**

There are three mid-semester exams (each 125 points) and a final exam (200 points). If your final is your lowest grade it will count only as one unit. If one of the mid-semester exams is your lowest grade, then your final will count as two units. The lowest mid-semester exam grade will be replaced by the percentage on the final. If you are absent from an exam official documentation of sickness or family crisis is required or you will receive a **ZERO** for the exam. Students with legitimate excuses will be permitted to take the exam early. Unless with the appropriate accommodation (given by the Dean's Office, **see VIII. Illness Accommodations** below), makeup exams will not be administered after the scheduled exam time.

Example 1:	Exam 1	Exam 2	Exam 3	Final
Actual Scores:	106.25 (85%)	56.25 (45%)	97.5 (78%)	187.5 (75%)
Counted Scores:	106.25 (85%)	93.75 (75%)	97.5 (78%)	187.5 (75%)
Homework Score:	105.0 (84%)      Class Points = 485.0 exam + 105.0 homework			
Total = 590.0 points				

Example 2:	Exam 1	Exam 2	Exam 3	Final
Actual:	87.5 (70%)	97.5 (78%)	95.0 (76%)	170.0 (68%)
Counted:	87.5 (70%)	97.5 (78%)	95.0 (76%)	170.0 (68%)
Homework Score:	87.5 (70%)      Class Points = 446.25 exam + 87.5 homework			
Total = 537.5 points				

2) Laboratory = **250 lab points** (25% of grade)

Lab Safety Quiz:

Passing grade required **BEFORE** the first lab.

Pre-Lab Questions:

Technique:

Post-Lab Calculations & Questions:



250 points

3) Course Grade Determination

Add up your points from class and lab and then use the chart at the beginning of this section to determine your course grade.

Example 1:

$$\begin{array}{r} 590.0 \text{ class points} \\ + \quad \underline{200 \text{ lab points}} \\ \hline 790.0 \text{ total points}/1000 \text{ points} = 79.00\% \end{array}$$

Example 2:

$$\begin{array}{r} 537.5 \text{ class points} \\ + \quad \underline{200 \text{ lab points}} \\ \hline 737.5 \text{ total points}/1000 \text{ points} = 73.75\% \end{array}$$

**To summarize:**

$[(\text{Ex1} + \text{Ex2} + \text{Ex3} + \text{Final} + \text{Homework} + \text{Lab}) + \text{Extra Credit}] = \text{Total Points}$

$(\text{Total Points})/1000 \times 100 = \text{Total Percent}$

## Academic Integrity

**Offenses against the Code of Academic Integrity (i.e. cheating) are deemed serious and insult the integrity of the entire academic community. Any suspected violations of the code are taken very seriously and will be forwarded to the Center for Student Ethics and Standards for further investigation.**

<http://www.uvm.edu/policies/student/acadintegrity.pdf>

## IV. Tentative Lecture Schedule and End-of-Chapter Homework

<u>Dates</u>	<u>Chapters</u>	<u>Homework Problems (Learning Objectives)</u>
Jan 16 - 19	Syllabus	(Class Dynamics)
	13	Ch13: 1,3,5,7,9,11,17,19,23,29,33,35, 39,42,53,54, 57,59,63,67,71,75,83,89,99,107,119,127,129,141 ( <u>Module13</u> : Solution Concentration, Temperature Effects, Colligative Properties, Melting and Boiling Points, Osmotic Pressure)
Jan 22 - 26	13 and 14	Ch14: VC14.1-VC14.4,9,11,15,17,19,21,23,25,27,29, 31,33,37,43,47,49,57,61,63,73,85,95,113,121,123, ( <u>Module14</u> : Chemical Kinetics, Rate Laws, Integrated Rate LawVC1s, Mechanism, Temperature Effects)
<b>Jan 29</b>	<b>Last Day to Add/Drop course</b>	
Jan 29 – Feb 2	14	
<b>Feb 4 – 7</b>	<b>EXAM 1**</b>	<b>Chapters 13 and 14**</b>
Feb 5 – 9	15	Ch15: VC15.1-VC15.4,9,11,13,15,17,19,21,23,27,33, 35,39,41,49,51,55,59,63,64, ( <u>Module15</u> : Entropy, Gibbs Free Energy, Free Energy and Equilibrium, Standard State and Non-Standard State)
Feb 12 – 16	15 and 16	Ch16: 1,7,9,11,17,19,21,23,25,27,29,35,37,42,45,47, 51,53,VC16.1-16.4,57,61,63,VC16.5-16.12,71,75,81, 85,99,103,130,135 (Module 16: Chemical Equilibrium, $K_c$ , $K_p$ , and Le Châtelier)
<b>Feb 19</b>	<b>PRESIDENT'S DAY</b>	
Feb 19 – 23	16	
Feb 26 – Mar 1	16	
<b>Mar 3 – 6</b>	<b>EXAM 2**</b>	<b>Chapters 15 and 16**</b>
<b>Mar 5</b>	<b>TOWN MEETING DAY</b>	

<u>Dates</u>	<u>Chapters</u>	<u>Homework Problems (Learning Objectives)</u>
<b>Mar 4 – 8</b>	17	Ch17: 2,3,57,11,13,15,17,21,23,25,27,29,33,35,37,39,41,VC17.1-VC17.4,45,51,53,55,61,69,71,75,77,79,83,85,94,95,96,97,99,115,117,119,125,139,153,161 (Module17: Acid-Base Reactions and Equilibria, Conjugate Acid/Conjugate Base Equilibria, Polyprotics)
<b>Mar 11 – 15</b>	<b>SPRING BREAK</b>	
Mar 18 – 22	17	
Mar 25 – 29	17 and 18	Ch18: VC18.1-VC18.4,9,11,13,15,17,19,23,25,27,29,33,35,38,41,43,47,51,53,55,57,59,VC18.5-VC18.8,67,69,71,81,85,93,97,99,103,107,113,117,131,133 ( <u>Module18</u> : Buffers, Titrations, and Solubility Equilibria)
<b>Apr 1</b>	<b>LAST DAY TO WITHDRAW FROM COURSE</b>	
Apr 1 – 5	18 and 19	Ch19: 1,VC19.1-VC19.4,6,11,13,15,17,21,23,25,31,33,45,51,53,57,65,67,75,77,105,113, (Module19: Redox, Cell Potential, Redox and Equilibrium, Batteries, Electrolysis and Corrosion)
Apr 8 – 12	19	
<b>Apr 14 – 17</b>	<b>EXAM 3**</b>	<b>Chapters 16,17,18 and 19**</b>
Apr 15 – 19	19	
April 22 – 26	19 and 20	Ch20: 1,5,15,17,21,23,25,31,35,37,VC20.1-VC20.4,53,63,67,95 (Module20: Radioactivity, Kinetics of Radioactivity, Fusion, Fission, and Binding Energy)
April 29 – May 3	Catch up or Review	
<b>May 6-10</b>	<b>Final Exam</b>	<b>Cumulative (Opens on May 6 at 7:30am and will close May 10 at 11:59pm)</b>

\*\* Extent of exam material will depend on our progress in lecture.

## V. Laboratory Schedule

Jan 15-19	No Lab	Purchase lab notebook and safety glasses. On Blackboard, review lab syllabus and schedule.
Jan 22-26	<b>Lab Check In</b>	On Blackboard, review and complete the Safety Presentation and Safety Quiz
Jan 29-Feb 2	Experiment 1 Lecture Correlation	Freezing Point Depression Module13
Feb 5-9	Experiment 2 Lecture Correlation	Iodination of Acetone Module14
Feb 12-16	Experiment 3 Lecture Correlation	Thermodynamics of Hot/Cold Packs Module15
<b>Feb 19-23</b>	<b>President's Day Holiday: No Labs</b>	
Feb 26-Mar 31	Experiment 4 Lecture Correlation	$K_{eq}$ of FeSCN Module16
<b>Mar 4-8</b>	<b>Town Meeting Day Holiday: No Labs</b>	
<b>Mar 11-15</b>	<b>Spring Break Holiday</b>	
Mar 18-22	Experiment 5 Lecture Correlation	Thermodynamics of Borax Module16
Mar 25-29	Experiment 6 Lecture Correlation	Acid Neutralizing Potential of Antacids Module17
Apr 1-5	Experiment 7 Lecture Correlation	Acids, Bases, pH and Buffers Module17 and 18
Apr 8-12	Experiment 8 Lecture Correlation	$K_{sp}$ of Copper Hydroxide Module18
Apr 15-19	Experiment 9 Lecture Correlation	Oxidizing Power of Bleach Module19
Apr 22-26	Experiment 10 Lecture Correlation	Electrolysis and Electroplating Module 19
Apr 29-May3	<b>Lab Clean Up and Check Out</b>	
May 6-10	<b>No Lab, Final Exams...Good Luck!!</b>	

## VI. ACCESS Accommodations

### Student Learning Accommodations Statement

*In keeping with University policy, any student with a documented disability interested in utilizing accommodations should contact ACCESS, the office of Disability Services on campus. ACCESS works with students to create reasonable and appropriate accommodations via an accommodation letter to their professors as early as possible each semester.*

Contact ACCESS: A170 Living/Learning Center - 802-656-7753 - [access@uvm.edu](mailto:access@uvm.edu).

ACCESS Office: <http://www.uvm.edu/~access/>

Policy on disability certification and student support:  
<http://www.uvm.edu/~uvmppg/ppg/student/disability.pdf>

## VII. Religious Holidays

### Religious Holiday Policy Statement

*Religious Holidays: Students have the right to practice the religion of their choice. If you need to miss class to observe a religious holiday, please submit the dates of your absence to me in writing by the end of the second full week of classes. You will be permitted to make up work within a mutually agreed-upon time.*

<https://www.uvm.edu/registrar/religious-holidays>

The Center for Health and Wellbeing does not provide students with notes verifying medical illness. This approach makes the best use of their limited medical resources and should be only used for students who require evaluation and therapy. **Instead, in a timely fashion contact your college's Dean's office so they can verify and report your illness to all of your Professors.** This allows your Teachers to help in providing alternative measures in keeping you up to speed with the course material.

When students experience a serious illness requiring hospitalization or when an extended absence from class is foreseen, **the process is still the same in that the student needs to notify their Dean's Office so they can verify and report your illness, and its timeframe, so that faculty members can be made aware and the student is supported in working successfully through the absence.**

There are no exemptions from quizzes (except for extremely special circumstances for which you need to be in contact with me with ongoing updates) since there are not only seven days to complete them but also since they are completely online. Please remember, I only take your top 10 out of 12 quiz scores.

For mid-semester exams and the final, there is already some flexibility with exam dates as discussed in the Exam portion of the syllabus. If you need accommodations, please follow the instructions above with notification of their Dean's Office so they can verify and report your illness and the accommodation time frame to all your Professors. **Depending on the Dean's approval and**

**timeframe for accommodations, if you cannot make up the exam by Sunday prior to the exam then you will have to take a zero and allow for your Final Exam score to replace it at the end of the semester** (except for extremely special circumstances for which you need to be in contact with me with ongoing updates and discussions about incompletes or medical withdraw).

## IX. COVID-19 Accommodations

Due to COVID-19 we advise that a student feeling any symptoms should get checked out before attending an in-person class. Keep in mind that if a student attends an in-person class and tests positive for COVID-19 that they are putting other students at risk and their possibly quarantine as well. When in doubt, go get tested. The [Green and Gold Promise](#) clearly articulates the expectations that UVM has for students, faculty, and staff to remain compliant with all COVID-19 recommendations from the federal CDC, the State of Vermont, and the City of Burlington. This include following all rules regarding facial coverings and social distancing when attending class. If you do not follow these guidelines, I will ask you to leave the class. [The Code of Student Conduct](#) outlines policies related to violations of the Green and Gold Promise. Sanctions for violations include fines, educational sanctions, parent notification, probation, and suspension.

## X. Health & Safety

The University of Vermont's number one priority is to support a healthy and safe community:

**Center for Health and Wellbeing:** <https://www.uvm.edu/health>

**Counseling & Psychiatry Services (CAPS):** Phone: (802) 656-3340

**C.A.R.E.:** If you are concerned about a UVM community member or are concerned about a specific event, we encourage you to contact the Dean of Students Office (802-656-3380). If you would like to remain anonymous, you can report your concerns online by visiting the Dean of Students website at <https://www.uvm.edu/studentaffairs>

**Alcohol and Cannabis Statement:** As a faculty member, I want you to get the most you can out of this course. You play a crucial role in your education and in your readiness to learn and fully engage with the course material. It is important to note that alcohol and cannabis have no place in an academic environment. They can seriously impair your ability to learn and retain information not only in the moment you may be using, but up to 48 hours or more afterwards. In addition, alcohol and cannabis can:

- Cause issues with attention, memory and concentration
- Negatively impact the quality of how information is processed and ultimately stored
- Affect sleep patterns, which interferes with long-term memory formation

It is my expectation that you will do everything you can to optimize your learning and to fully participate in this course.

## XI. Diversity, Equity and Inclusion:

The Division of Diversity, Equity, and Inclusion believes excellence should be inclusive of the entire University of Vermont (UVM) community and is steadfastly committed to this belief. Every day, our

Division strives to make our work accessible, affirming, and action-oriented to help ensure excellence is inclusive of everyone. <https://www.uvm.edu/diversity>

**Interfaith Center:** Each of us engages those questions differently, perhaps through a religious tradition, philosophy, or spiritual practice. No matter how you make meaning of your life, you are welcome at the Interfaith Center for reflection, spiritual practice, education, and community building. <https://www.uvm.edu/interfaithcenter>

**Mosaic Center for Students of Color (MCSC):** MCSC's vision is to create a diverse and rich community of empowered, engaged, and enthusiastic students of color at UVM. We fully support the holistic development of self-identified students of color so that they can obtain their goals for academic achievement, personal growth, identity formation, and cultural development. <https://www.uvm.edu/mcsc>

**Prism Center:** The Prism Center serves the diverse queer and trans communities at the University of Vermont. We support and empower lesbian, gay, bisexual, transgender and queer students, as well as students whose identities fall in between or expand beyond those categories, and work to create a campus community where people of all sexual and gender identities can thrive. <https://www.uvm.edu/prism>

**UVM Women & Gender Equity Center:** The equity center cultivates joyful community while advancing gender equity across identities. We envision a brave, diverse, and equitable learning environment for all members of the UVM community. We provide advocacy services for those in our community who have experienced sexual or intimate partner violence, and strive to provide programming, education, and events that ask our community to explore the intersections of their gender and other identities. <https://www.uvm.edu/wagecenter>

## XII. Grade Appeals

If you would like to contest a grade, please follow the procedures outlined in this policy: <https://www.uvm.edu/policies/student/gradeappeals.pdf>

For information on grading and GPA calculation, go to <https://www.uvm.edu/registrar/grades>

## XIII. FERPA Rights Disclosure

The purpose of this policy is to communicate the rights of students regarding access to, and privacy of their student educational records as provided for in the Family Educational Rights and Privacy Act (FERPA) of 1974.

<http://catalogue.uvm.edu/undergraduate/academicinfo/ferparightsdisclosure/>