CHEM 1510R FTF

Chemistry for the Allied Health Sciences Recitation

Online Fall Semester 2021

# Contact Information:

**Lab Coordinator:** Dr. Russ Moser

**Office:** Ward Beecher Hall

**Phone:** (330)941-7100

**e-mail:** [rmoser@ysu.edu](mailto:rmoser@ysu.edu)

# Office Hours: Office hours will be as follows:

# You can e-mail me topics that you would want a short answer. I will respond within a 24 hour period or

# For longer answers, there will be two ways.

# request a private online Webex meeting. A private online meeting can be initiated by an e-mail with a list of times you are available. If possible, I will select one of your suggested times. If your times are not possible, I will list more times. Together, we will find a mutually convenient time. I would encourage a webex meeting.

# Request a face-to-face meeting. A face-to-face meeting can be initiated during class time or by an e-mail with a list of times you are available. If possible, I will select one of your suggested times. If your times are not possible, I will list more times. Together, we will find a mutually convenient time. We will meet in an available room in Ward Beecher Hall. Face masks will be required.

# Course Objectives:

The recitation is to complement and enhance the study of CHEM 1510. The objective is to further understand the lecture materials of Chemistry 1510. In recitation class, selected problems will be worked from Pearson Mastering Chemistry online homework assigned by the chemistry 1510 lecturer.

The Chemistry 1510 recitation instructor will select problems from the Pearson Mastering Chemistry online homework that he/she feels needs further explanation. The students will also have the opportunity to select online problems that they feel need further explanation. During each class, the instructor will field questions and encourage students to discuss the day’s work. This participation will help the student identify those areas that they will need to study further. The students will be given the opportunity and encouragement to work together and learn the course materials of Chemistry 1510 through selected Pearson Mastering Chemistry problems.

# Required Supplies:

Internet access: computer with mic and video and WebEx installed. For help with the WebEx installation and usage, call the YSU help Desk.

Text: Timberlake. (2012). *Chemistry: An Introduction to*

*General, Organic and Biological Chemistry*. (13th ed.) Pearson:

NY, NY.

Pearson Online Mastering Chemistry Access

Calculator: Your calculator should be able to perform simple arithmetic: addition, subtraction, multiplication, and division. In addition, it must have the logarithmic function as well as be able to express numbers in scientific notation.

**Effective immediately, YSU will require face coverings for everyone, regardless of vaccination status, in indoor public settings on campus."  Thus,** all students must wear masks in the classroom.

# Grading:

Chemistry 1510R: A, B, C, D, F (4,3,2,1,0 pts respectively). This final grade

will represent the quizzes and class attendance. Quizzes will be given

about one week before lecture exams. These quizzes will cover material

covered in class. Final Grades will be determined as shown in the following

table. The final grade may be assigned on a curve, taking into account the

strength of the class and the difficulty of the quizzes. Cut-off points may

vary. Class participation/attendance will be a large part final grade.

Attendance will be taken. 90% or better attendance is expected.

|  |  |
| --- | --- |
| Grading Criteria | Approximate Points |
|  |  |
| Quiz 1 | 10 |
| Quiz 2 | 10 |
| Quiz 3 | 10 |
| Quiz 4 | 10 |
| Class Attendance | 60 |
| Total | 100 |

**Makeup Quizzes will not be given**. Quizzes are scheduled during regular class time

and, as such, you are expected to be present. If two quizzes or the final is

missed, you will get a failing grade for the semester.

Unavoidable, extenuating circumstances (such as severe illness and emergencies) and pre-arranged absences for YSU activities are the only circumstances that will be considered as an excused absence and the student will be given make-up assignments on a case-by-case basis as determined by the instructor. The maximum grade you will be able to attain on the makeup assignment will be 90%. You must notify the instructor (by email) as soon as possible and provide the documentation to verify your absence.

**Homework**: May be assigned.

# Tutoring:

Free tutoring is available.

The Marion G. Resch Center for Student Progress is a resource on campus established to help students successfully complete their university experience. Please phone (330) 941-3538 or visit the Center for assistance in tutoring or for individualized assistance with social and academic success. The main Center is located in Kilcawley West below the bookstore. They will set up the appointments.

[University policies](https://ysu.edu/institute-teaching-and-learning/university-policies) can be found online and provide you guidance on your rights as a student in this course. The links below take you directly to a specific policy. Should you have any questions about a policy, please do not hesitate to contact me using the information at the top of the syllabus.

[*https://ysu.edu/institute-teaching-and-learning/syllabus-university-policies*](https://ysu.edu/institute-teaching-and-learning/syllabus-university-policies)

* **Classroom Safety and Health Protocols**
* **General Classroom Guidelines**
* **Instructor Safety Procedures**
* **Student Safety Procedures**
* **Statement of Non-Discrimination from the University**
* **Academic Integrity/Honesty**
* **Student Accessibility**
* **Incomplete Grade Policy**

# Student One Stop:

The Student One Stop is an enrollment resource on campus established to help students access and manage their academic record and student accounts. Please visit the Student One Stop or call (330)941-6000 for assistance with financial aid, records, registration, and tuition charges/ billing. The Student One Stop is located on the second floor of Meshel Hall.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  |  | chem1510R/fallsyllabus.xls | |  |
| **Tentative Recitation Schedule subject to change** | | | | 8/12/2021 |  |
| Week of | Chapter |  | Sections | Pearson Online Problems |  |
| 8/30 | 2 | Orientation | 2.1-2.7 | 1,4,5,7,10,14 |  |
| 9/5 | 4 | Chemistry and Meassurements | 4.1-4.7 | 5,11,12,13,14,15,17 |  |
| 9/6 |  | **Labor Day no class** |  |  |  |
| 9/13 | 6 | Atoms and Elements | 6.7-6.9 | 7,9,10 |  |
|  | 6 | Ionic and Molecular Compounds; | 6.7-6.9 | 13,15,16,17 |  |
| 9/20 | 7 | Chemical Quantities and Reactions; **Quiz 1 (Ch 2,4,6)** | 7.1-7.4; | 1,3,5 |  |
| 9/27 | 7 | Chemical Quantities and Reactions | 7.6, 7.9 | 8,20,21 |  |
| 10/4 | 9 | Solutions | 9.1-9.3 | Assignment 5; 8 |  |
|  | 9 | Solutions | 9.4-9.6 | Assignment 6; 10,11,12 |  |
| 10/11 | 10 | Acids and Bases and Equilibrium | 10.4-10.6 | 1,7,10,12,13 |  |
| 10/18 | 11 | Introduction to Organic Chemistry: Hydrocarbons | 11.1-11.8 | 2,6,10,13,15,16 |  |
|  |  | **Quiz 2 (ch 7, 9, 10, 11)** |  |  |  |
|  |  |  |  |  |  |
| 10/25 | 12 | Alcohols, Thiols, Ethers, Aldehydes, and Ketones | 12.2-12.4 | Assignment 9; 2,4,5,8 Assignment 10; 6,7,9 |  |
| 11/1 | 13 | Carbohydrates | 13.1-13.4 | 5,6,7,12 |  |
|  | 13 | Carbohydrates | 13.5-13.7 | 13,14 |  |
| 11/3 |  | Last Day to Withdraw with "W" before noon |  |  |  |
|  |  |  |  |  |  |
| 11/8 |  | **No Class this Week** |  |  |  |
|  | 14 | Carboxylic Acids, Esters, Amines, and Amides | 14.1-14.3 | 1,4,5,7,8 |  |
| 11/15 | 14 | Carboxylic Acids, Esters, Amines, and Amides | 14.4-14.6 | 10,12,14 |  |
|  | 15 | Lipids | 15.1-15.7 | 3,9,10,13,15,18 |  |
|  |  | **Quiz 3 (Ch 12, 13, 14, 15)** |  |  |  |
| 11/22 |  | **No Class Thanksgiving** |  |  |  |
| 11/29 | 16 | Amino Acids, Proteins and Enzymes | 16.1-16.2 | 5,9,10 |  |
|  | 16 | Amino Acids, Proteins and Enzymes | 16.3-16.5 | 15 |  |
| 12/6 | 18 | Metabolic Pathways and ATP Production | 18.1-18.7 | I will review chapter 18 ahead of your lecture or 1,8,10,11,13,15,16,17,18,19,20,21 |  |
|  |  | **Quiz 4 (Comprehensive Final)** |  |  |  |
| 12/13 |  | Finals Begin |  |  |  |
|  |  | No Final |  |  |  |