

*University of Massachusetts Dartmouth CHM 101-01- General Chemistry 1
Summer 2017*

Instructor: Dr. Christine A. Piva

Prerequisite or corequisite : MTH 148

Email: Christine.dao@umassd.edu

Office: SENG 308 B

Lecture: MWF 9:00-12:00 p SENG 305

Office Hours: W 9a-12p Th 3:30-4:30 p or
by appointment

Required Text:

Text: " General, Organic, and Biological Chemistry Structures of Life" 5th Edition. Karen C. Timberlake

Grading Procedure

Mastering Chemistry Homework assignments	20%
3 out of 4 Hour Examinations*	45%
Quizzes**	15%
<u>Final Examination</u>	<u>20%</u>
Total	100%

* If a student misses one of the hour examinations, that hour examination will be dropped.

[Make-up examinations are more difficult and will only be given under special circumstances.](#)

[No cell phones are allowed during class or exams \(refer to technology policy\).](#)

** 8-10 quizzes will be given during either lecture or recitation.

[No make-up quizzes will be given.](#)

Lecture Notes and Other Class materials

The essential portions of the lecture notes can be downloaded and printed out from [myCourses](#). You will receive your login information and instruction packet via your UMass email account. The instruction is also available at

http://www.umassd.edu/cits/instructional/development/student/student_username.cfm. Other class materials such as additional practice problems will also be sent to you by UMass email and/or posted in [myCourses](#). Announcements will be posted through UMass Dartmouth email. [Please check your email frequently](#). For technical support, email Beverly Johnson, bjohnson@umassd.edu or phone number 508-999-8793. For other computer/network/Web/download technical support, visit ResTech in Elmwood Hall, lower level or Call the ResTech Help Line at 508-999-8040 (x8040) or Email ResTech@umassd.edu. You may also visit the IT service desk at the Library first floor or call 508-999-8884 (x8884).

Course Statement and Objective

Chemistry 101/102 is a two semester course sequenced designed to meet accreditation standards for students required to have two semesters of modern general, organic and biochemistry. Although most students in this course are nursing majors, it can be used as science requirement for some other majors. The objective of this course is to provide technology and allied health students an opportunity to learn about the fundamentals of modern chemistry. [CHM101/102 is a challenging but demanding course. The material does not lend itself to last minute cram sessions.](#) Students are advised to review the material after each lecture.

Homework:

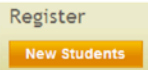
Homework is completed online through the online platform “mastering chemistry”

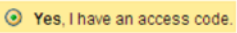
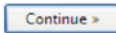
***Homework will be due weekly every Sunday's at 11:59pm.**


In addition to homework there are “adaptive follow-up” assignments. These are extra credit assignments worth 3 points each. The points earned from each adaptive follow-up will be added to the score of the “parent assignment” Adaptive Follow-Ups are personalized assignments are assigned after a previous “homework”. The items in an Adaptive Follow-Up are designed specifically to give students additional coaching and are personalized to their learning needs, so they are likely not the same items other students see. They address areas where each student's own knowledge can be strengthened.

How to Register for

***Homework will be due weekly every Sunday's at 11:59pm.**

1.) Go to www.masteringchemistry.com and choose 


2.) On the next screen choose  and then 

3.) On the next screen choose 

4.) On the next screen under **Do you have a Pearson Education account?** select one of the following Yes No Not Sure


Then either enter your current Pearson Education **Login Name** and **Password** or ***Create a Login Name** and **Password**

Now locate and open the *MasteringChemistry Student Access Kit* that came packaged free with your text and find the "six word" code under the tear off strip inside.



6" x 9" single fold card


Then enter that code in the boxes that look like this - - - - -


Then choose 

5.) On the next screen enter your *** Name** , *** E-mail Address** , *** School Country** , *** School Zip or Postal Code**

SCHOOL ZIP CODE: 02747

Select your *** School Name** from the dropdown menu. Finally, select your *** Security Question** and *** Your Answer**.


Then choose 

6.) On the next screen choose  and log into Master Chemistry

The first time you log in you will see a screen that looks like this →

Note: You will be enrolling in your instructor's course so **do not** choose "Select a Book" or "Go to Study Area".

Just enter your Course ID in the last box (student ID should be left blank)

Your **Course ID** is 

If you received a Course ID from your instructor, enter it below to enroll in your instructor's online course website and materials by your instructor. Otherwise, you are free to enter the Study Area (without enrolling in a course).

— Select a Book —

User Properties for Kevin O'Brien	
Login Name:	masteringchemtest
First Name:	Kevin
Last Name:	O'Brien
Email:	kevin.p.obrien@pearson.com
Student ID:	<input type="text"/>
Course ID:	<input type="text"/>
<input type="button" value="Save"/>	

7.)

Course Schedule: (this is a tentative schedule and is subject to changes announced during class)

Exam topics will be announced in class.

<i>Date</i>	<i>Material Covered</i>	<i>Chapter</i>
June 13 th	Introduction to Course/Mastering Chemistry Chemistry and Measurements	Chapter 1
June 14 th	Chemistry and Measurements Classification of Matter	Chapter 2 Chapter 3
June 15 th	Elements and Chemical Symbols	Chapter 4
June 19 ^h	Ions, Forming, and naming Ionic Compounds	Chapter 6
June 20th	EXAM 1	Chapter 1,2,3
June 20 st	Naming Molecular compounds VESPR	Chapter 6
June 21 nd	Naming Molecular compounds VESPR	Chapter 6
June 22 nd	Chemical Reactions and Quantities	Chapter 7
June 26 th	Chemical Reactions and Quantities Gases	Chapter 7 Chapter 8
June 27 th	EXAM 2	Chapters 4,6,7
June 28 th	Gases Solutions	Chapter 8 Chapter 9
June 29 th	Chemical Equilibrium	Chapter 10
July 3 rd	EXAM 3	Chapters 8,9
July 5 th	Chemical Equilibrium	Chapter 10 Chapter 11
July 6 th	Acids,Bases and Buffers	Chapter 11
July 10 th	Acids, Bases and Buffers	Chapter 11
July 11 th	Exam 4	Chapters 10,11

July 12 th	Final exam review	
July 13 th	FINAL EXAM (Cumulative)	

Attendance

Students are expected to attend each class meeting. Although no attendance will be taken, the student will be held responsible for the material presented in class, quizzes, exams and any course changes or announcements that are made in class.

Academic Dishonesty

Academic cheating will not be tolerated in this course. Our definition of cheating includes (but is not limited to) the following types of activities: plagiarism, copying another student's written work, using a scrip sheet (unless permitted by the instructor) during a quiz or an examination, altering graded written work for the purpose of submitting it for a re-grade, etc. Students caught cheating will fail this course (will due respect to proper procedures for such cases as outlined in the student handbook). Please read the **UMass Dartmouth Student Academic Integrity Policy** carefully at:

<http://www.umassd.edu/studenthandbook/academicregs/ethicalstandards.cfm>

Faculty and Student Classroom Agreement

Available at: <http://www1.umassd.edu/policies/aca/022.cfm>

Email Professionalism

Email is a form of professional correspondence. In all email correspondence in this course please use a salutation/greeting and please state your name. Email correspondence that does not meet this criteria will not be answered.

Technology Policy

Technology Policy Out of respect for your fellow students, your professor, and the educational process, all technology devices (cell / smart phones, I-pods, Ipads, Laptops) must be powered down and put away, not on the desk or in your hoodie pocket, or on your lap, during class. If texting, using social media, and attending to tasks other than the class material is more important than paying attention for 50 minutes, please do not come to class. If you feel you have an emergency situation that requires your phone to be on vibrate, please clear this with the professor before class begins. Students who disregard the policy will be asked to leave class, and it will be your responsibility to make sure to keep up with the course material.

Withdrawing from the Course

You have until the end of the **Wednesday June 14th** to add/drop CHM 101 (or any other courses) without any record of the course appearing on your transcript, and until the end of the seventh week of the semester to withdraw from a course and receive a grade of "W," regardless of your academic standing in the course. This should be done in the Registrar's Office by filling out the appropriate form. If you do not attend any sessions or stop attending before the end of the semester and do not officially withdraw from the course, you will be given a final grade of "F." You should consult your instructor, or advisor if you believe you should consider withdrawing from CHM 102. **Last day to withdraw from the course is July 5th 2017.**

General Comments and keys for success:

The biggest challenge for you as a student in CHM 101 will be keeping up with the lecture material.

Here are a few strategies that will help to keep you on track:

(1) Read each new chapter prior to coming to class

(2) Following each lecture reread your notes and if time allows rewrite your lecture notes before coming to the next class (this is an excellent way to be prepared for quizzes and helps you to identify areas you may not understand). s

(3) Completing each and every homework assignments and extra hour worksheet to the best of your ability is essential to your success in this course in terms of points earned for each assignment as well as practice for quizzes and exams.

(4) Do not leave studying for the night before an exam, there will be too much information and this approach will not work in this course.

(5) Do not hesitate to ask questions and to seek extra immediately if you are confused about a concept.

There are several ways of obtaining help in chemistry courses:

1. **The Instructor**: Do not hesitate to ask questions during or after class or recitation, or visit me during my office hours. If those hours are not good for you we can make an appointment for another time.

2. The Science and Engineering (Tutoring) Center

The Science and Engineering Center provides various kinds of help if you are having difficulty with the material covered in CHM102. Tutors are available on an appointment basis. The Science and Engineering Center is located in SENG-217. Mr. John Fernandes is the director of this resource facility.

If you have any concerns at any point during the semester please feel free to discuss them with me. Good luck and I look forward to a great semester together!