



SYLLABUS

COURSE INFORMATION:

COURSE TITLE: Chemistry for Health Sciences

COURSE NUMBER: CHM 1033

CREDITS: 3

TERM: 2205. Summer 2020 (1st 6-Weeks)

Summer Term: Jun. 1st -Jul. 10th 2020

REMOTE LEARNING PLATFORM: Blackboard Collaborate Ultra

REFERENCE NUMBER: 1407

COURSE SCHEDULE: [REDACTED] days and [REDACTED] PM-12:40 PM

INSTRUCTOR INFORMATION:

INSTRUCTOR: Giselle Dominguez, Ph.D.

EMAIL: [REDACTED]

OFFICE HOURS: In Blackboard Collaborate Ultra: Thursdays: 9:00AM-noon , Fridays
1:00PM-4:00PM.

OBJECTIVES:

This course emphasizes chemistry topics related to the allied health sciences through the study of the essential concepts of inorganic and organic chemistry, as well as some biochemistry. For more information on this course, please refer to the course competencies.

PREREQUISITES:

MAT 1033 or an acceptable score on the Algebra Placement Test.

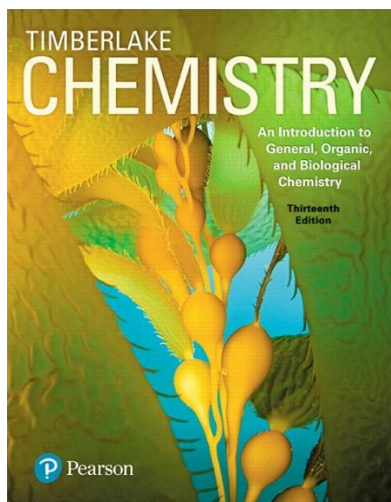
Historically, student success is directly dependent on math background – in general, the higher level math you have completed, the better your chances of success in this course.

COREQUISITE:

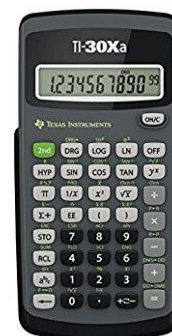
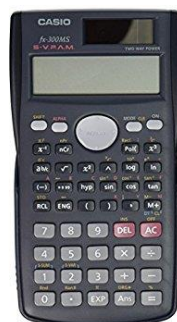
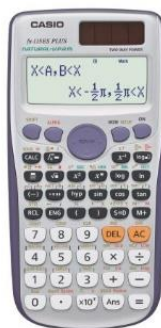
CHM 1033L

REQUIRED MATERIALS:

Required Text: An Introduction to General, Organic and Biological Chemistry, by Karen C. Timberlake (13th Edition).



Scientific Calculator



For example:

Your cell phone is not a good choice for Scientific Calculator because some features like the exponential key don't work for the requirements of this class.

Miami Dade College Learning Outcomes:

Purpose: Through the academic disciplines and co-curricular activities, General Education provides multiple, varied, and intentional learning experiences to facilitate the acquisition of fundamental knowledge and skills and the development of attitudes that foster effective citizenship and life-long learning.

As graduates of Miami Dade College, students will be able to:

1. Communicate effectively using listening, speaking, reading, and writing skills.
2. Use quantitative analytical skills to evaluate and process numerical data.
3. Solve problems using critical and creative thinking and scientific reasoning.
4. Formulate strategies to locate, evaluate, and apply information.
5. Demonstrate knowledge of diverse cultures, including global and historical perspectives.

6. Create strategies that can be used to fulfill personal, civic, and social responsibilities.
7. Demonstrate knowledge of ethical thinking and its application to issues in society.
8. Use computer and emerging technologies effectively.
9. Demonstrate an appreciation for aesthetics and creative activities.
10. Describe how natural systems function and recognize the impact of humans on the environment.

This class addresses the following General Education Outcomes: 2, 3, 4, and 8. General Education Outcome #7 is of extreme importance in the sciences. Any scientist found falsifying and/or fabricating data would never be hired as a scientist again.

Tests

- There will be 3 tests with a value of 100 points each.
- For your Final Grade only the two highest scores will be taken into account.
- Each exam will consist of 32 multiple-choice questions, only one attempt per exam
- Tests will appear on Blackboard on the day marked in your Syllabus and during the class time. They will be available just during the regular class time frame. However, once you begin the exam, the system will allow you to get it complete just for 90 minutes.
- Please note that MAKE-UP EXAMS WILL NOT BE GIVEN. IF YOU MISS ONE EXAM, THAT EXAM WILL AUTOMATICALLY BECOME THE DROPPED SCORE. Therefore, if you miss the Test on the corresponding date and time, you WILL NOT BE ABLE TO TAKE it at any different day/time, that zero score will be replaced with the grade of Test#3.

Quizzes

- There will be 4 Quizzes with a value of 15 points
- For your Final Grade only the three highest scores will be taken into account.
- Each Quiz will consist of 10 multiple-choice questions, two attempts per quiz.
- Quizzes will appear on Blackboard during a time frame of 3 days. There is not a maximum time to finish it except the Due Date. Due Dates of the Quizzes appear on the Schedule and they are usually 1 day before Test.
- Please note that MAKE-UP QUIZZES WILL NOT BE GIVEN. IF YOU MISS ONE QUIZ THAT WILL AUTOMATICALLY BECOME THE DROPPED SCORE. That means if you miss the Quiz you can't take it after the Due Date, that zero will be replaced with the grade of Quiz#4.

****There is not excuse to miss Quizzes or Tests (internet down, broken computer, etc.) because you all have time to finish it. IF YOU DON'T HAVE THE REQUIRED TECHNOLOGY TO COMPLETE THIS CLASS, try to solve it before the semester begin, or just take the class in a different course term, lack of technology tools will not be accepted as an excuse of incomplete work.****

Point Distribution:

200 (2 Best @ 100pts)	Tests
45 (3 Best @ 15pts)	Quizzes
5	Syllabus Contract
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250	Total

Grading Scale

Points	Average	Grade
225-250	90-100	A
200-224	80-89	B
175-199	70-79	C
150-174	60-69	D
149 and below		F

Syllabus Contract: Any student who would not have signed in the Syllabus Contract by **June 10**, will automatically be dropped from the class.

Student Conduct

The Miami Dade College is an Academic Community committed to the values of Intellectual Integrity, Respect for Diversity, Environmental Stewardship, Social Responsibility, and Informed Participation in Civic Life. Students are expected to behave in a mature and professional manner. Academic dishonesty will be dealt with as set forth in the Student Rights and Responsibilities Handbook.

Drops and Incompletes

LAST DAY TO DROP classes and receive a refund; **CHANGE** courses without financial penalty: **June 3rd** 2020.

LAST DAY TO WITHDRAW from a course by him/her self with a grade of **W** is **June 24th**. However, the last day allowed to professors to withdraw students is on June 29th.

An Incomplete "I" will be given only if the final exam is missed due to **documented, extreme circumstances.**

American Disabilities Act: Any student who because of disability may require special arrangements in order to meet course requirements should contact the instructor as soon as possible to make any necessary accommodations. Students should present appropriate verification from the ACCESS Disability Services. Students with documented disabilities should contact ACCESS Disability Services in advance for information on appropriate policies and procedures for obtaining assistance. No retroactive accommodations can be provided.

Academic Dishonesty Policy: If you are suspected of cheating, plagiarism or any other acts of academic dishonesty (as outlined in College Procedure 4071) you will be subject to procedural due process (as outlined in College Procedure 4074). Copying data that you did not participate in the accumulation of is considered plagiarism and will be treated as such.

Students Responsibility: Each student receives this information about CHM 1033 in the first session. It is your responsibility to read this material and be familiar with the course content, course procedures and grading. You are responsible for any announcement concerning course procedures that are made in class, whether you are present or not. If you are absent, you are expected to get notes, announcements, etc. from another student in the class. You are also responsible for all materials in the chapters covered, unless the instructor specifically announces that certain material will not be in the test.

Class Decorum: All students are expected to maintain a professional and courteous attitude during class.

Disclaimer: The instructor reserves the right to change the order of delivery of topics and the date and number of exams to accommodate the needs of the students in the class.

1	M	Jun. 1 st	Introduction Chapter 1: Chemistry in our lives (1.4)
	W	Jun. 3 rd	Chapter 2: Chemistry and Measurements <i>Last day to drop with refund; change courses without financial penalty</i>
	F	Jun. 5 th	Process of solving Study Guide 1 and 2 Quiz #1 (Chapters 1 and 2) will be available
	Sun.	Jun. 7 th	Due Date Quiz # 1 (Chapters 1 and 2)
2	M	Jun. 8 th	Test #1 (Chapters 1 and 2)
	W	Jun. 10 th	Chapter 3: Matter and Energy

	F	Jun. 12 th	Chapter 4: Atoms and Elements Quiz #2 (Chapters 3 and 4) will be available
3	M	Jun. 15 th	Process of solving Study Guide 3 and 4
	T	Jun. 16 th	Due Date Quiz # 2 (Chapters 3 and 4)
	W	Jun. 17 th	Test #2 (Chapters 3 and 4)
	F	Jun. 19 th	Chapter 6: Ionic and Molecular Compounds
4	M	Jun. 22 th	Chapter 7: Chemical Quantities and Reactions
	W	Jun. 24 th	<i>Last day withdraw from courses with a "W" grade</i>
	F	Jun. 26 th	Chapter 9: Solutions Chapter 10: Acids and Bases and Equilibrium Quiz #3 (Chapters 6,7 and 9) will be available
5	M	Jun. 29 th	Process of solving Study Guide 6,7 and 9
	T	Jun. 30 th	Due Date Quiz # 3 (Chapter 6, 7 and 9)
	W	Jul. 1 st	Test #3 (Chapters 6, 7 and 9) Quiz #4 (Chapter 10) will be available
	F	Jul. 3 rd	Holiday Independence Day
6	M	Jul. 6 th	Due Date Quiz # 4 (Chapter 10)