

SYLLABUS
Part II
EDISON STATE COMMUNITY COLLEGE
CHM 111S-802FS Basic Chemistry/Life Processes
3 credit hours

Instructor: Mark Wanamaker

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Office Hours: M 3-4 pm; T, H 8-8:30 am

& T 10-11 am; F 9 am - 12 pm [online](#)

Office Phone: 937-778-7928

Credentials: MS Chemistry, University of Cincinnati, 2000

MATERIALS AND EQUIPMENT SUPPLIED BY STUDENTS

Required Materials:

Mastering Chemistry QR code (available in the bookstore)

Textbook. Options (pick one):

- Mastering Chemistry with e-book (18 weeks) (available in the bookstore)
- Mastering Chemistry with loose-leaf textbook (order in bookstore)
- Chemistry: An Introduction to General, Organic, and Biological Chemistry. Author: Timberlake, 14th edition.

Computer with Windows 7 or 10, OS X 10.12 – 10.15, Chrome OS, or iOS 10 – 12.1 operating system installed.

Respondus LockDown Browser with Monitor.

Recommended Materials / Other:

- Pencils, pens, paper, calculator
- Mobile app available (do not use for homework or tests)

LEARNING STRATEGIES:

1. Read the textbook sections first. Complete the Dynamic Study Module next. Then listen to the lecture (Video Recording). Complete the homework after listening to the lecture.
2. Working the problems is your BEST study aid for chemistry. Do textbook homework problems every day. Don't get behind. Ask questions if you don't understand something.
3. Communicate with your instructor. I will be happy to meet with you! E-mail me with questions. If we need to meet, send me a couple of blocks of time you are available, and I will set up a meeting for us on MS Teams or on campus.

WEEKLY SCHEDULE (Topics, Activities, Assignments, Tests)

Important Dates:

Aug. 24th – Dec. 12th Spring Semester begins and ends
Nov. 23rd Last Day to Withdraw

Week	Topics	Assignments
Aug. 24 th	Introduction to Mastering Chemistry. Salts, acids, bases, neutralization, buffers	Mastering Primers*. Chapter 10 Reading, Dynamic Study Module Ch. 10, Ch. 10 Homework, Test 1.
Aug. 31 st	Intro to Organic Chem: Hydrocarbons	Ch. 11 Reading, Ch. 11 DSM, Chapter 11 Homework.
Sept. 8 th	Hydrocarbons; Alcohols, Thiols, Ethers, Aldehydes, and Ketones	Chapter 12 Reading, Ch. 12 DSM, Lecture.
Sept. 14 th	Alcohols, Thiols, Ethers, Aldehydes, and Ketones	Ch. 12 Homework, Discussion Board 1, Test 2.
Sept. 21 st	Carbohydrates	Chapter 13 Reading, Ch. 13 DSM. Ch. 13 Homework,.
Sept. 28 th	Carbohydrates; Carboxylic acids, Esters, Amines, Amides	Ch. 14, Reading, DSM Ch. 14, Discussion Board 2.
Oct. 5 th	Carboxylic Acids, Esters, Amines, Amides	Ch. 14 Homework, Test 3.
Oct. 12 th	Lipids	Ch. 15 Reading, Ch. 15 DSM, Lecture.
Oct. 19 th	Lipids	Ch. 15 Homework.
Oct. 26 th	Amino Acids, Proteins, and Enzymes	Ch. 16 Reading, Ch. 16 DSM, Lecture.
Nov. 2 nd	Amino Acids, Proteins, and Enzymes	Ch. 16 Homework, Test 4.
Nov. 9 th	Nucleic acids, Protein synthesis: heredity, & mutations	Ch. 17 Reading, Ch. 17 DSM, Lecture, Discussion Board 3.
Nov. 16 th	Nucleic acids, Protein synthesis: heredity, & mutations	Ch. 17 Homework, Discussion Board 4.
Nov. 23 rd	Metabolic Pathways and ATP Production	Ch. 18 Reading, Ch. 18 DSM, Lecture.
Nov. 30 th	Metabolic Pathways and ATP Production	Discussion Board 4

Dec. 7 th		Chapter 18 Homework, Discussion Board 5, Test 5
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*Does not count toward final point total (i.e. optional assignment)

Test #	Chapters Covered
1	10
2	11-12
3	13-14
4	15-16
Final Exam (Test # 5)	17-18

EVALUATION PROCEDURES:

Tests (100 pts each)	500 pts
Homework (10 pts each)	90 pts
Dynamic Study Modules (10 pts each)	90 pts
Discussion Boards	<u>50 pts</u>
Total Points	730 pts

EVALUATION METHODS

There will be 5 tests worth 100 points each. Homework and Dynamic Study Modules are each worth 10 points per chapter. Discussion Boards are worth 10 points each. Specific due dates for tests, homework, and discussion boards can be found in Blackboard on-line.

FINAL GRADE STANDARDS

90% - 100% = A	650 - 730 pts
80% - 89% = B	580-649 pts
70 – 79% = C	487 - 579 pts
60 – 69% = D	434 - 486 pts
< 60% = F	< 434 pts

Borderline cases will depend upon the relative distribution of class grades.

CLASS POLICY STATEMENTS

Tests and quizzes may be made up only if the student has a reasonable excuse. If you know ahead of time that you will miss a test, inform your instructor so arrangements can be made for you to take the test. Call your instructor as soon as possible if you will miss a test. Students who fail to

take exams at the scheduled time and fail to contact the instructor regarding your absence beforehand will be subject to a 10 pt. penalty. You will find that your instructor will work with you and be much more flexible if you demonstrate basic professional courtesy to contact him.

Unless you are told otherwise, you are responsible for all the reading, homework, and objectives listed on the objective sheets. All this material may not be covered in class.

Keeping up with class is critical to the success in this course. Plan a set schedule and do some coursework each day. For a college level course, the students should spend 2 to 3 hours outside of class studying and doing homework for every hour that they spend in class. For this 3-credit hour class you need to put in a **minimum** of 6 hours each week not including lecture. That includes reading the text, completing homework assignments, completing Dynamic Study Modules and studying for tests. Late work will not be accepted except under extenuating circumstances.

Office hours and contact information can also be found in Blackboard.

SCHOOL POLICY STATEMENTS

TESTING YOUR FAITH ACT POLICY

Edison State Community College is committed to providing an environment respectful of students' beliefs. Students are permitted to be absent for up to 3 days each semester based on their faith, religion, or spiritual belief system with no academic penalty. Students must complete the Testing Your Faith Act Accommodations Form, <https://www.edisonohio.edu/servicesupport/registration-records>, located in "Forms" and provide a copy to their individual faculty within 14 days from the start of the course. The entire policy can be found in the student handbook at <https://www.edisonohio.edu/services-support/student-resources>.

ADDITIONAL SUPPORT SERVICES

For additional help, please click the ASSIST tab on Blackboard or the Edison State Student Resources folder within your course.