**Moorpark College Chemistry 11 Section 72376/72377 Fall 2014**

**Description:** Chemistry 11 is a one-semester introductory course in general inorganic, organic, and biochemistry specifically designed for allied health science majors who have had no chemistry training. This 5-unit course combines 4 hours of lecture with one 3 hour laboratory session per week. Students should have a recent working knowledge of MATH M01 with a satisfactory grade. Chemistry M11 is not intended for students planning to take Chemistry M01A. If a student requires a full year of chemistry, Chemistry M13 can be taken afterwards. Student learning outcomes for this course can be found at [www.moorparkcollege.edu/chemistry](http://www.moorparkcollege.edu/chemistry).

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**Course Meeting:**
- Lab: T or R 11:00 p.m. – 1:50 p.m. PS 107
- Lecture: T and R 2:00 p.m. – 3:50 p.m. PS 202

**Materials:**
* Torres, Omar. Chemistry 11 Course Guide (available at campus bookstore only).
* Bettelheim, Brown, Campbell, Farrell, and Torres. Introduction to General, Organic, and Biochemistry, 10th ed. You can buy the text (hard copy, ebook, and OWL access code) for $110 using the link: [http://www.cengagebrain.com/shop/en/US/storefront/US;CMGTJSESSIONID=4P0RS94PT1M2TQF3FpFtrT48h3GGZrpj5sTvixLDy0mhw5jSpKOv'605940217'cmd=DisplayLandingPage&entityNumber=6618&entityPoint=storefront&cid=1-1MZBQ6P&id=66120&messageType=DisplayLandingPage](http://www.cengagebrain.com/shop/en/US/storefront/US;CMGTJSESSIONID=4P0RS94PT1M2TQF3FpFtrT48h3GGZrpj5sTvixLDy0mhw5jSpKOv'605940217'cmd=DisplayLandingPage&entityNumber=6618&entityPoint=storefront&cid=1-1MZBQ6P&id=66120&messageType=DisplayLandingPage)
* OWL (Online Web Learning) – included with the new textbook
* Laboratory Manual – available at campus bookstore
* Scientific calculator with exponents and logarithms (*no graphing/programmable*).
* Scantrons (#882) with 50 questions on both sides (for exams and final).
* Scantron (#815-E) with 15 questions for quiz

**Grading:** One grade will be assigned for Chemistry 11. The grade will include both lecture and laboratory work. Grades will be assigned on the basis of an overall percentage of total points earned in both lecture and the laboratory.

**Lecture:**
- 5 Lecture Exams (100 pts each) 500 points
- 9 Lecture Quizzes (10 pts each) 2 quizzes dropped 70 points
- Workshops (8 @ 10 pts each) 80 points
- OWL (11@ 10 pts each) 110 points
- Final Examination (Cumulative with Section Six) 200 points
- **LECTURE TOTAL:** 960 points
Lab: Pre-labs/Reports/Post-labs (9 @ 10 pts total each; 6 @) 15 pts. each) 180 points

LAB TOTAL: 180 points

COURSE TOTAL POINTS: 1140 points

Grades will be assigned in conjunction with the following scale: 90%-100% (A); 80-89.4% (B); 70%-79.4% (C); 60%-69.4% (D); below 60% (F). There are no “W” grades given by the instructor; you must officially drop the course if you stop attending or risk receiving an automatic failure.

If you are interested in your class standing, add up your scores, divide by the total possible points to date, multiply by 100, and then use the above scale. You are responsible for maintaining an up-to-date summary of your class points; I will try my best to give you your grades during the course of the semester after completion of each exam.

**Exams and Quizzes:** Examinations and quizzes will be administered periodically throughout the semester (see schedule for dates). YOU ARE REQUIRED TO TAKE ALL FIVE EXAMS, NINE QUIZZES, PLUS THE CUMULATIVE FINAL EXAMINATION. There will be NO make-up quizzes/exams. An exception for a missed exam will be made in the event of a verifiable documented: (1) death in the immediate family or (2) medical illness. Continual assessment will involve your ability to solve problems based on lecture notes and homework problems, writing short essays, and answering multiple-choice questions. You must arrive at the beginning of lecture for all quizzes/exams and bring your OWN charged calculator; no calculator borrowing is allowed, and cell phone usage is prohibited at all times while in the lecture hall! At the end of the semester, a comprehensive final examination will be administered on Thursday, Dec 11th from 2:45 p.m. - 4:45 p.m.

**OWL:** Eleven End of Chapter (EOC) assignments worth 10 pts each will be due on the date specified. No late work will be accepted. To begin, type: http://owl.cengage.com while on the Internet. Proceed to log-in by choosing the “Allied Health” Chemistry option, scroll down to the 10th edition of our textbook, and select. You will be instructed to choose your institution (i.e., Moorpark College), where you can then log-in with your access code obtained from your new textbook. Students that purchase a used textbook will also need to purchase an access code.

Students are encouraged to begin the required assignments at the beginning of each week (see syllabus schedule) before or as topics are covered in lecture; waiting until the weekend to solve the entire series of problems is strongly discouraged.

**Workshops:** Various workshops are located in the back of your course guide and will be generally due at the BEGINNING of scheduled laboratory sessions (see course schedule for due dates). Answers to the various problems will be posted on the instructor’s website at http://sunny.moorparkcollege.edu/~bgopal. Students are encouraged to use these workshops as a studying tool in preparing for upcoming quizzes/examinations along with the mock exams in your course guide for each exam as well as a sample exam available on my website: http://sunny.moorparkcollege.edu/~bgopal
**Laboratory Procedure:** Safety is of the utmost importance. You must always comply with the safety rules found in the safety section of your laboratory manual, those distributed during the first day of lab, along with any listed experimental procedure cautions. Failure to obey these rules will result in your dismissal from this class. Moreover, safety glasses are MANDATORY at all times in the lab unless otherwise stated by the instructor. Attendance is also required for the lab. If you miss more than 3 labs, your grade will be lowered significantly. Arrangements to make up labs are not guaranteed but are possible if done ahead of time.

**Attendance:** Consistent attendance is best for all students concerned, especially in a course that entails laboratory work. As such, attendance will be taken during each laboratory period. Once again, if a student wishes to drop the course, he or she must withdraw; I do NOT drop any student. Students who have not dropped this class and have stopped attending will be assigned a letter grade of “F”.

Please note: *If a student misses the first day of class and does not notify the instructor ahead of time of his/her anticipated absence, the instructor reserves the right to drop the student after the first class meeting to allow for waitlisted students to enroll in the course as per Education Code.*

**Preparation, Homework, and Success:** In order to best succeed in this course, students are expected to read the suggested reading assignments ahead of time, attend all weekly lecture sessions, solve and submit Workshop and OWL assignments by the prescribed due dates (late work will not be accepted), and solve all recommended homework problems (handout given with syllabus and schedule). Remember that a big part of successfully learning chemistry involves constant problem solving. This will greatly improve your understanding and hence overall grade.

**Tutoring:** Moorpark College provides free tutoring to students at the Library/Learning Resources building. Please visit the upstairs LLR (third floor) for a schedule of available tutors. In addition, the Math Center is providing Dimensional Analysis Workshops for students initially struggling with the mathematics of chemistry. For further information, contact Brendan_Purdy@vcccd.edu. Finally, feel free to attend the office hours of any full-time chemistry instructor if you require additional assistance. Instructor availabilities can be found at www.moorparkcollege.edu/chemistry via their respective syllabi.

**Noteworthy Dates:**

- August 29th: Last day to add Chemistry 11
- September 5th: Last day to drop without a “W”
- November 21st: Last day to drop with a “W”
- December 11th: Final Examination (cumulative)

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PS-125
IMPORTANT NOTE ABOUT SCHOLASTIC DISHONESTY: Anyone found cheating will receive an “F” grade for the assignment and risk receiving an “F” grade for the overall course. This includes but is not limited to all laboratory report submission.

Special note: Students with disabilities, whether physical, learning, or psychological, who believe that they may need accommodations in this class, are encouraged to contact ACCESS as soon as possible to ensure that such accommodations are implemented in a timely fashion. Authorization, based on verification of disability, is required before any accommodation can be made. The phone number for ACCESS is 378-1461 and they are located on the ground floor of the LMC Building.

NO SMOKING POLICY: In the interest of the health and welfare of students, employees, and the public, smoking is not permitted on the Moorpark College campus other than in the parking lot.

DISCLAIMER: This syllabus is a guide for what is expected in Chemistry 11 for Fall 2014. Alterations at the instructor’s discretion may be necessary.