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.

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Dept. Website: www.moorparkcollege.edu/chemistry
Personal Website: http://sunny.moorparkcollege.edu/~bgopal

Course Meeting:
Lecture: M/T/W/R 9:00 am – 10:50 am PS 203
Lab: T/R 12:00 pm – 2:50 pm PS 103

Recommended Materials:
* Torres, Omar. Chemistry 11 Course Guide (available at campus bookstore only).
* OWL (Online Web Learning) – Go to http://www.cengagebrain.com/micro/1-1MZBQ6P to purchase the bundle containing the ebook, hard copy of text book, and OWL access code
* Laboratory Manual (available at campus bookstore).
* Scientific calculator with exponents and logarithms (no graphing/programmable). Recommended TI-30XIIS or something similar.
* Scantrons (#882) with 50 questions on both sides (for quests and final).

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:
- 7 Lecture Quests (65 pts each) 455 points
- Final Examination (Cumulative with Section Six) 200 points
Lecture TOTAL: 655 points

Lab:
- Workshops (8 @ 5 pts each) 40 points
- Post-labs (15 @ 7 pts each) 105 points
Lab TOTAL: 145 points
COURSE TOTAL POINTS: 800 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 59.5% (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 on the grade tracker sheet. If you turn it in after completion just before your final exam, an extra credit of 3 points will be awarded. I do NOT calculate percentages at any point during the summer, so please keep track of your scores yourselves.

**Exams and Quizzes:** Quests will be administered each Thursday throughout the summer (see schedule for dates; final exam on last Thursday (Aug 7)). **YOU ARE REQUIRED TO TAKE ALL SIX QUESTS PLUS THE CUMULATIVE FINAL EXAMINATION.** There will be NO make-up quests/final. This is a summer course, and you are required to participate in all assessments; if you cannot, you should not take this course. **You must 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 summer, a comprehensive final examination (containing both multiple choice and free response) will be administered on Thursday, Aug 7th at 9:00 am.

**Workshops:** Workshops (found in the back of your course guide) will be assigned periodically, graded for credit, and answers will be posted on the instructor’s website at [http://sunny.moorparkcollege.edu/~bgopal](http://sunny.moorparkcollege.edu/~bgopal). These learning tools are important assessments that serve to reinforce the lecture content. In addition, points earned for these exercises serve to improve your grade and should be solved and submitted to your laboratory instructor in a timely manner as per the class schedule. Unless otherwise noted in lecture, all workshops will be due at the beginning of the respective laboratory period as noted in the syllabus schedule.

**OWL:** Online Web Learning is provided free with the textbook so you can practice assignments online. The assignments are all optional and will not be graded.

You can purchase the bundle (text plus OWL) using the link [http://www.cengagebrain.com/micro/1-1MZBQ6P](http://www.cengagebrain.com/micro/1-1MZBQ6P) for the 10th edition of the textbook. The ePack should include the Introduction to General, Organic and Biochemistry, 10th Edition plus OWL 6 months with quick prep instant access for $110.00. In case this link does not work, try the extended link: [http://www.cengagebrain.com/shop/en/US/storefront/US;CMGTJSESSIONID=4P0RS94PTIM2TQF3FpFtT48h3GGZrp5sTvxhLdy0mhy5jSpKQy605940217?cmd=DisplayLandingPage&entityNumber=6618&entryPoint=storefront&cid=1-1MZBQ6P&id=66120&messageType=DisplayLandingPage](http://www.cengagebrain.com/shop/en/US/storefront/US;CMGTJSESSIONID=4P0RS94PTIM2TQF3FpFtT48h3GGZrp5sTvxhLdy0mhy5jSpKQy605940217?cmd=DisplayLandingPage&entityNumber=6618&entryPoint=storefront&cid=1-1MZBQ6P&id=66120&messageType=DisplayLandingPage)

Once you have your access code, begin by typing: [http://owl.cengage.com](http://owl.cengage.com) while on the Internet. Proceed to log-in by choosing the “GOB/Allied Health Chemistry" option, select
"Log in", scroll down to the 10th edition of the 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, arrange to change your password, and begin solving the online problems.

**Archives:** Because this course has been taught by Prof. Torres in a semi-online manner (i.e., hybrid), certain online lectures are available as archives on the instructor’s website at [www.moorparkcollege.edu/otorres](http://www.moorparkcollege.edu/otorres). Feel free to refer to these archived sessions at any point during the summer for additional subject matter enhancement.

**Laboratory Procedure:** Before entering the lab, students are expected to read the procedure thoroughly. On the day of lab, please arrive ON TIME or you may be sent home! Safety is of the utmost importance; you must always comply with the instructor’s safety rules, 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 while in the laboratory. Attendance is also required for the lab. If you miss more than 3 labs, your grade will be lowered significantly. Make up labs are not guaranteed but possible. Laboratory reports are due the following lab day at the beginning of the period; late work will not be accepted. Any work construed as plagiarized will be assigned a grade of ZERO, and further disciplinary action will ensue (please see note concerning scholastic dishonesty at the end of the syllabus).

**Attendance:** Consistent attendance is best for all students concerned, especially in a summer course that moves at such a rapid pace and entails weekly 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.

**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 daily lecture sessions, solve and submit Workshop assignments by the prescribed due dates (late work will not be accepted), and solve all recommended homework problems listed at the beginning of each section in the course guide and solve the OWL problems. Remember that a big part of successfully learning chemistry involves constant problem solving. This will greatly improve your understanding and hence overall grade.

**Department Dean:** Dr. Julius Sokenu  jsokenu@vcccd.edu  AA-106 ext. 1448

**Department Chair:** Dr. Robert Keil  rkeil@vcccd.edu  PS-126
IMPORTANT NOTE ABOUT SCHOLASTIC DISHONESTY: Anyone found cheating will receive an “F” grade for the assignment and WILL BE REFERRED TO THE Division Dean for further disciplinary action. This includes but is not limited to plagiarism of any 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 Spring 2014. Alterations at the instructor’s discretion may be necessary