CHEMISTRY 158                  GENERAL CHEMISTRY II                      5 credits
FALL 2008
Department of Chemistry
College of Arts and Sciences
Oakland University

CRN:  40578
Lecture:  MWF 12:00-1:07 pm    195 HHS
Instructor:  C. Taylor
Office:       269 SEB
Phone:      248-370-2333
Email:      taylor@oakland.edu
Office Hours:       By appointment only

Catalog Course Description

Integrated lecture-laboratory. This course will be concerned with: (1) the rates at which chemical reactions
occur (chemical kinetics), (2) the extent to which chemical reactions occur (chemical equilibria), (3)
equilibria involving acids and bases, aqueous ionic equilibria, (4) free energy and thermodynamics, (5)
electrochemistry, and, time permitting, (6) radioactivity and nuclear chemistry. The laboratory portion of
this course will involve a number of exercises that demonstrate and re-inforce the lecture material.

Course Policies and Procedures

The lecture portion of the course will consist of discussions of the basic material from the textbook as well
as homework problems. Homework problems will be assigned via MasteringGeneralChemistry
(www.masteringgeneralchemistry.com). The course title is: CHM158FALL2008, and the course ID is:
MCTAYLOR82400. This component of the course is included with the purchase of the text as a Student
Access Kit. The topics and homework problems to be discussed in class will focus on those you find
difficult, so it is essential that you read the sections and work on the assigned problems before the class
period.

Recitation

The recitation section scheduled to be held at 12:00-12:55 pm on Thursdays will NOT be held.

Laboratory

All students must register for one of the laboratory sections. If you are repeating this course you may be
able to waive the laboratory portion of the current course. You may choose the laboratory scores from the
first course if: (1) your average in the laboratory portion of that course was at least 75% and (2) you were
enrolled in that course no more than three years ago. If you wish to apply for a laboratory waiver, you must
complete a General Chemistry Laboratory Waiver form. These forms are available in the Department of
Chemistry office, 260 Science and Engineering Building (SEB). This laboratory waiver form must be
completed and returned to your current lecture instructor during the first week of the current semester. You
must attend the laboratory portion of the course until the waiver is approved.
Grading

The grade for the course will be based on three hour examinations (100 points each), 8 of 9 quizzes (20 points each for a total of 160 points), the final exam (200 points), and the homework assignments (masteringgeneralchemistry, 100 points). All of the examinations and quizzes will be multiple choice format. You will be required to bring Scantron forms to these tests (Scantron form 882 for hour examinations and Final examination and Scantron form 815 for the quizzes). The exams and quizzes will account for 80% and the laboratory scores 20% of your final grade.

**Please note:** NO “make-up” quizzes, hour examinations or final examination will be given; NO “lowest grade” will be dropped (except for the lowest quiz grade); NO “extra credit” is available.

Supplemental Instruction (SI) Classes

The Academic Skills Center provides two additional class sessions per week outside of the scheduled lecture and recitation periods to students who are enrolled in this course. The times and days that these classes meet will be determined after polling the students in the class for the times/days that are most suited to their schedule. The classes will focus on course specific skills that help students review notes, understand and apply key concepts, prepare for tests and develop critical reasoning and problem solving skills. Attendance at these sessions is voluntary.

Tutoring

Free tutoring is available in the Academic Skills Center, 103 North Foundation Hall (NFH) (370-4215).

Closing of the University

If the University is officially closed on the day of a quiz or examination is scheduled, the quiz or exam will be given during the next scheduled lecture meeting.

Academic Misconduct

Although the vast majority of students at Oakland do not cheat, we would be naive to believe cheating does not occur. For the protection of the honest majority, the instructor will make every effort to prevent cheating. A student will be referred to the Academic Conduct Committee for review if the student is suspected of cheating by: (1) copying on quizzes/tests, (2) changing answers on answer sheets after they are scored (**Note:** scored Scantron answer forms are photocopied before they are returned.), (3) having another person take a quiz/test, or (4) obtaining quiz/test questions prior to the exam date. Students found guilty of academic misconduct face suspension or permanent dismissal from the university. For further details see the 2005-2006 Undergraduate Catalog, pages 80 and 81.

Withdrawal

The last day to officially withdraw from class is Tuesday, November 4, 2008.

Class Attendance

Attendance is not mandatory for the lecture portion of this course, however, you are responsible for all material presented in class. **Attendance is mandatory for all laboratory sessions.**