

# Chemistry 102

## General Chemistry 2

### Spring 2013

Dr. Laura Maki  
Office: S135  
Phone 209-575-6171  
Email: [makil@mjc.edu](mailto:makil@mjc.edu)

Ms. Hulsey  
Office: S129  
phone: 209-575-6286

Lecture/ Monday and Wednesday, 11:10 AM-12:35 PM S115,  
Discussions: Friday 9:35 - 10:25 s115 **and**  
Online 1.4 hours/week online

Laboratory: **Section 2446:** Mon. 2:50 - 5:55 PM, S106  
**Section 2664:** Fri. 10:35 - 1:40 PM, S106  
**Section 2665:** Thurs. 7:55 - 11:00 AM, S106

Website: <http://modesto.instructure.com>

#### Required Textbooks/materials Lecture:

- *Chemistry: Atoms First*, Burdge and Overby
- *Sapling Learning Online Access Card*
  - Can be purchased online at <http://www.saplinglearning.com>
- *Nonprogrammable Scientific Calculator* (i.e. Sharp EL-501W)

\*The Study Guide, Solutions to Exercises are recommended, but optional.

#### Required Materials Laboratory:

- Goggles – MJC Approved only (purchased at the bookstore)
- Duplicating Notebook

#### Course Grading Distribution:

Exams	50 % (500 points)
Final Exam	20 % (200 points)
Quizzes/HW	10 % (100 points)
Lab	20 % (200 points)

900-1000	A
800-899	B
700-799	C
600-699	D
0-599	F

### Lecture

- The lecture will meet Mondays and Wednesdays from 11:10 – 12:30pm in Science 115. Students are expected to read the chapter before attending the lecture. The lectures will include discussions of the chapter content as well as worksheets and other activities. Online PowerPoints may be provided for each chapter's content.
- Chem 102 is a 5 unit course and requires 10-15 hours/week outside of class for homework, reading and other activities.

### Online classroom

- It is expected that each student will participate in the online classroom a minimum of **3 times per week**. The online portion is 1 unit (1.4 hours/week) online with an additional 2-3 hours required for homework, reading, projects, discussions and other assignments.

### Laboratory

- The laboratory makes up 20% of the class and participation is required. Many of the laboratory assignments will be individual and require identification of unknowns.
- Students are REQUIRED to wear MJC approved safety goggles at all times in the laboratory. Goggles are available in the MJC bookstore.
- Shoes which cover the whole foot and clothing covering at least shoulders to knees must also be worn.
- If you drop this course you must check out of your lab. A fee may be charged for failure to check out.
- Regardless of a student's performance on exams and quizzes, the student MUST complete ALL laboratory assignments to pass the course.
- You need to provide matches and paper towels.
- Lab reports are due one week following the completion of the experiment, at the BEGINNING of the class unless otherwise noted. Students who are late to the laboratory must realize that their laboratory reports will be late. Late laboratory reports will be accepted with a penalty of 10% per school day late.
- Be on time! A pre-lab lecture takes place in the lab room prior to lab. During this time, many safety instructions are covered. If you arrive after the pre-lab lecture has begun, you may not be allowed to perform the lab.
- Unsafe behavior will result in expulsion from the lab.
- You will begin the semester with 5 "safety" points. You may lose these points for unsafe behavior or for disrupting class. Examples include, but are not limited to, failure to wear safety goggles or appropriate clothing; arriving late to lab; leaving a mess in the laboratory; or failure to follow laboratory procedures. A student will be notified verbally if a safety point has been lost.
- You must prepare for labs in advance. Read and understand the experiment. Your laboratory notebook must be prepared prior to coming to lab. If this preparation is not complete, you will not be allowed to perform the experiment.

- Any student missing three or more laboratories may be dropped from this course; however, it is NOT the responsibility of the instructor to drop missing students. If you stop attending this class without dropping, you may receive an "F" grade for this course.
- NO unauthorized experiments will be performed. All safety rules will be followed at all times in the laboratory. If a hazard is suspected you will be dropped from the course immediately.

#### Course Regulations:

- NO Makeup Exams or Quizzes will be given. An exam may be taken earlier than the scheduled date only by arrangement with the instructor. Your lowest quiz score will be dropped.
- Anyone caught cheating on an exam, laboratory report, or quiz will be given a zero for that work, and this score cannot be dropped. A second offense will result in an automatic "F" grade in this course. Cheating includes copying another student's exam, quiz or laboratory report, using notes on an exam or quiz or turning in a report for a laboratory that was not attended.
- Students must follow all Rules and Regulations as set forth by the campus and the instructor.
- Any student missing three or more class sessions may be dropped from this course; however, it is NOT the responsibility of the instructor to drop missing students. If you stop attending this class without dropping, you may receive an "F" grade for this course.
- Assignments may include handouts, textbook problems, discussion posts, small papers and in class assignments.
- The *Sapling Learning* site will be used for homework. Don't wait until the last minute to complete these assignments – technology follows Murphy's Law. Late homework will be accepted with a penalty of 10% per day late (this includes weekends and holidays). <http://www.saplinglearning.com>
- Student Learning outcomes can be viewed at:  
<http://virtual.yosemite.cc.ca.us/chemistry/SLO/Chem102>

#### Suggestions for Success:

- Be prepared before lecture: read the chapter, view the online lecture, and work through example problems.
- Practice, Practice, Practice.
- I suggest you do as many problems at the end of each chapter from the textbook. There is a list of suggested problems on my website - use this as a guideline.
- Make a brief outline of each chapter to help you with the main concepts.
- Make a list of important terms and equations.
- Do not wait until just before the exam to begin your study.

*All information provided is subject to change at the discretion of the instructor.*