GENERAL INFORMATION

This course serves as an introduction to the principles of chemistry for non-science majors. The course is not intended for students pursuing degrees in the physical sciences, biological sciences, or engineering.

The purpose of this course is to explain and illustrate the scientific method. We will use this approach in solving problems and the practice will lay the foundation for more informed and intelligent decision-making in the future. You should be able to use your knowledge of chemistry to understand the world in which we live and be able to describe major concepts in chemistry and use them to explain important natural phenomena.

The chemistry in ISP 207 is not difficult - we will concentrate more on molecules than mathematics. However, success does require a fairly consistent and deliberate effort throughout the semester. Devise a schedule that will allow you to devote some small amount of time to the class on a regular basis. Study the material actively, rewrite your lecture notes, solve the weekly problem sets, read the text, and study collaboratively with other students in the class.

Math Prerequisite

There is very little math involved in this course but you should have already taken and passed MTH 103 or MTH 110 or MTH 116 or LBS 117 or be taking MTH 106 concurrently. Obviously if you are taking a higher level math course, such as MTH 124, 132, 201 or STT 200 or 201, you should have no problems in this class.

Lectures

There is one lecture section meeting in Room 136 Chemistry at 9:10am on Mondays, Wednesdays, and Fridays. Attendance at the lecture is expected! It is always a good idea to read any text assignment before the corresponding lecture. No appointment is necessary to see your instructor during scheduled office hours. When sending emails, please put ISP 207 in the subject line.

9:10 am - 10:00 am MWF Amy Pollock email: pollock@chemistry.msu.edu
Office: Room 87 Chemistry (in the basement)
Office Hours: MTuWF 1:30pm - 2:30pm

Offices, Personnel, and Web sites

General Chemistry Office
General information and assistance is available at the General Chemistry Office, Room 185 Chemistry (M-F 8-12 noon and 1-5 pm; tel 5-9715 ext 323).

General Chemistry Coordinator Wendy Whitford email: tsuji@chemistry.msu.edu
Undergraduate Program Manager Steve Poulios email: poulios@msu.edu

ISP 207 web site http://www.chemistry.msu.edu then go to course web page (lower right corner), then General Chemistry, then ISP 207.

Coordinator for ISP/ISB courses Marsha F. Walsh email: mwalsb@msu.edu

Cemscores web site From any computer on campus, enter cemscores as the url. From computers off-campus, you can access the site through the ISP 207 web site.

OWL® problem sets web site http://owl.cengage.com Log in at this site using the access code you have purchased.

ISP 207L Lab Instructor Luis Sanchez email: lsanchez@msu.edu
Textbook
The text assigned to ISP 207 is *Chemistry in Focus* by Nivaldo Tro (ISBN 0-495-60547-6 Cengage). The access code for the OWL homework system can be purchased along with the text which reduces the cost. This package has the ISBN 0-495-76939-8 and contains the OWL access code valid for 6 months and the text *Chemistry in Focus*. An OWL access code is required for the class.

Laboratory
The laboratory associated with this class is ISP 207L but concurrent enrollment is not required (ISP 207L requires separate enrollment). However, enrollment in ISP 207L requires past or concurrent enrollment in ISP 207. The ISP 207L lab starts on Tuesday, January 12th. There are three sections, all meeting in Room 111 Chemistry:

- Section 001  Tuesday  Room 111 Chemistry  8:00 am - 10:50 am
- Section 002  Tuesday  Room 111 Chemistry  11:30 am - 2:20 pm
- Section 003  Tuesday  Room 111 Chemistry  3:00 pm - 5:50 pm

No text is required for the lab course. The experiments will be distributed the previous week.

Problem Sets (OWL® Homework)
Ten problem sets will be issued this term. The problem sets will be administered by the OWL® system—this will be explained later. You are encouraged to work and study together in solving these problems but you are responsible for completing your own set of questions by Saturday mornings at 8:00 am. Due-dates are noted on the calendar. You are strongly encouraged to do these problems—not only are they an excellent way to learn and understand the chemistry but they will contribute 20% to your final grade in the course.

Examinations
There will be three one-hour examinations during the course at the regularly scheduled lecture time on Mondays. There are no make-ups or alternate examinations - the best two of your three exam scores will count toward your grade. There will be a final cumulative examination at the end of the course. You must take the final exam to achieve a passing grade in the course. Dates are noted on the accompanying calendar and syllabus.

Grades
The grade you receive in this course will be calculated from the total number of points /1000 that you earn:

<table>
<thead>
<tr>
<th>Best Two In-Term Exams 250 each</th>
<th>Final Exam 300</th>
<th>OWL Problem Sets 200</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 800</td>
<td>4.0</td>
<td>&gt;440 1.0</td>
</tr>
<tr>
<td>&gt; 740</td>
<td>3.5</td>
<td>&gt;560 2.0</td>
</tr>
<tr>
<td>&gt; 680</td>
<td>3.0</td>
<td>&gt;500 1.5</td>
</tr>
<tr>
<td>&gt; 620</td>
<td>2.5</td>
<td>&lt;440 0.0</td>
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</tbody>
</table>

The grade scale shown below is fixed, guaranteed, and will not be curved:

Help Room
Help with the chemistry in ISP 207 and ISP 207L is available from the instructors in the Help Room (Room 83 in the basement). The schedule for the ISP instructor will be posted outside the room. Use the Help Room as much as you like! Note also that free tutoring in chemistry is available at the Learning Resource Center in Bessey Hall and in several residence halls on campus.