Welcome to Chemistry 101A  
Lecture 9:15 – 10:30 am  
PS H-150  
James P. Birk  

Problems with registration, see:  
Shelley Morgan, H-233  
Dr. Ron Briggs, H-235

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CHM-101

- Introductory course - no prerequisites  
- Serves as a prerequisite for CHM 113/116 sequence or for CHM 231  
- Satisfies lab science liberal arts requirement  
- Lots of topics relating chemical concepts to our everyday lives

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Contact Info for CHM-101 A

- Instructor: J. Birk  
- Lecture: 9:15-10:30 TTh  
- Office: PS H-241  
- Office Hours: 8:00-9:00 and 11:00-12:00 am TTh (Th 11:00 will have to be changed soon)  
- Phone: (480) 965-3129  
- E-Mail: JBirk@asu.edu  
- Learning Resource Center (H-137) - TA office hours 8:30-9:30 M-Th, 8:30-4:30 F

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Handouts

- Syllabus  
- Lecture schedule  
- Lab schedule  
  Note that labs start this week.  
- Problem assignments  
- Grading scheme  
- Corrections to textbook  
- Class notes for Chapter 1  
  This and future chapter notes are available as pdf files on my web site (see syllabus)

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Materials Needed

- From Bookstore  
  - Text Book  
  - Solutions manual (optional)  
  - Lab Manual *  
- From SAACS / AXE or Bookstore  
  - Goggles **  
  - Bound carbonless notebook for lab **  
  - Binder for PowerPoint Notes  
  - Calculator  
* Need this week  ** Need next week

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Lecture Schedule

- Note dates for exams and final exam.  
- Exams must be taken when scheduled.
Lab Schedule

- Lab starts this week.
- Lab experiment schedule is on syllabus

Group Work

- Lab/lecture group assignments to be made during the first lab meetings this week
- After groups are assigned, the group should sit together during lecture to facilitate discussions and group quizzes
- Starting next week, it will be assumed that groups are sitting together; group quizzes are possible any day from that time on.

Quizzes

- Discussion Quizzes (100 pts, 10 pts each)
  - Taken during discussion hour before lab, once a week.
  - Covers lecture material from the past week.
  - May be a question about the lab you’re about to do.
  - We will post five end-of-chapter exercises every week. One of these will be the basis for a question on the next quiz.

- Lecture Quizzes (50 pts, 5 pts each)
  - Taken individually or in groups during lecture
  - Unannounced

Exams

- 4 Regular exams
  - 100 pts each
  - No Make-ups
- Final Exam
  - 200 pts
  - Resurrection Final

Course Point Distribution

- Hour Exams (4) 400 points
- Final Exam 200
- Labs 150
- Quizzes (12 or more) 100
- Group Quizzes (10 or more) 50
- TOTAL POINTS 900
Course Grade Distribution

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<thead>
<tr>
<th>Grade average</th>
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<tbody>
<tr>
<td>&gt;88%</td>
<td>A</td>
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<td>&gt;76%</td>
<td>B</td>
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<td>&gt;64%</td>
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<td>52% or less</td>
<td>E</td>
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How to Use the Textbook

- Read the introduction to each chapter.
- Shows how the chemistry in chapter is related to the real world.
- Read the chapter before class and again after class.
- Do in-chapter and suggested end-of-chapter problems.
- Refer back to sections to help yourself with problems.

Ungraded Course Work

- To do well in this course, read and do textbook chapter problems on a regular basis.
- Textbook Suggested Problems
  - Minimum effort; do more if needed
  - In syllabus

Learning Resource Center (LRC)

- The Chemistry LRC (H-137) will open in the next couple of days
- TA office hours
- Table to study with other students
- Computers for chemistry work
- Other resources such as old textbooks
- The University LRC will sponsor Directed-Study Sessions led by student Team Leaders. More info will be provided during discussion sessions this week. Also, see p. 4 of the syllabus.

Web site

[http://www.public.asu.edu/~jpbirk/](http://www.public.asu.edu/~jpbirk/)