

## CHEMISTRY 101 Summer 2015 Syllabus

**Lecture:** Monday-Friday 9:00am - 10:15am Fulmer 125  
**Tutorial:** Tues/Thurs 12:00pm – 12:50pm Section 1: Webster 11  
Section 2: Fulmer 225  
Section 3: Todd 311

**Laboratory:** Tues/Thurs 1:00pm – 4:00pm Section 1: Fulmer 307  
Section 2: Fulmer 310  
Section 3: Fulmer 312

**Instructor:** Dr. Paul Buckley  
ptbuckley@wsu.edu

**Office Hours:** I'll be available in Fulmer 318 after class most days

**Lab Instructors:** Section 1- Michelle Leusink; Section 2- Adam Huntley; Section 3- Tim Strayer

**Course website:** We will be using Blackboard for the course website. All class information, handouts, notices, and schedule changes are posted on this course website. It is your responsibility to check it regularly.

|                 |                                 |            |                               |        |        |
|-----------------|---------------------------------|------------|-------------------------------|--------|--------|
| <b>GRADING:</b> | 2 exams (125 pts. each)         | 250        | <b>Grading Percent Minima</b> |        |        |
|                 | 8 quizzes (best 7, 20 pts. ea.) | 140        | A 93%                         | A- 90% |        |
|                 | 8 lab experiments (25 pts. ea.) | 200        | B+ 88%                        | B 83%  | B- 80% |
|                 | 5 homework sets                 | 100        | C+ 78%                        | C 73%  | C- 70% |
|                 | Final Exam                      | 150        | D+ 68%                        | D 60%  | F < 60 |
|                 | <b>Total points</b>             | <u>840</u> |                               |        |        |

**Exams:** **Tuesday, May 26** 12:00 pm — 3:00pm Fulmer 226  
**Thursday, June 11** 12:00 pm — 3:00pm Fulmer 226  
**Thursday, June 18** 12:00 pm — 3:00pm Fulmer 226

**Text:** *General, Organic, and Biological Chemistry* by McMurray, Castellion & Ballantine. 7th edition, (2013) Pearson/Prentice Hall. This is a custom print of Chapter 1-13. A student Access Kit for the *Mastering Chemistry* homework system is being sold separately. The text and *Mastering Chemistry* are required for this course.

**Lab text:** *Chemistry 101 Laboratory Manual* by WSU Chemistry Department, Star Publishing. (2014, required)

**Laboratory notebook:** Duplicating with numbered pages.

**Goggles:** Required by state law.

**Laboratory coat:** Optional but recommended. A strict dress code is enforced in the laboratories. **No shorts, no short skirts, no sandals or open-toed shoes; midriffs must be covered.**

**Lectures:** Lectures must be attended on a regular basis. Quiz and exam material will be based primarily on lecture material. The text sections to be covered in each lecture are indicated on the course schedule. You will be expected to have read the text ahead of class and to have worked the in-chapter practice problems. You are encouraged to ask questions during lecture if a particular point or topic is unclear. We will be covering a great deal of material in a very short period of time, and you are strongly encouraged not to let yourself get behind on lecture material.

**Tutorials:** Tutorials are where you will take lecture quizzes, pre-lab quizzes, and have an opportunity to ask your TA questions about the course or lab subject material.

**Laboratories:** You must be enrolled in a laboratory section, CHEM 101L. The laboratory must be both attended and passed as this is a Lab GER course. Failing the lab will result in a failing grade for the entire course. Due to the time constraints of the Summer Session, make-up laboratory sessions cannot be given. Missed labs will result in zero points for that experiment. Obtaining a score of zero for 2 experiments will result in an F for the laboratory/course. This means that two unexcused absences from lab will result in a failing grade for the course.

**Pre-lab quizzes:** These are given before the laboratory, in tutorial. They are short (a few questions) quizzes, about the laboratory experiment. The pre-lab quiz score is incorporated into your lab report score. The goal is to get you to **read the experiment** before coming to lab/tutorial.

**Laboratory procedure:** Students are to perform the experiments individually unless otherwise instructed by the TA. Each student is expected to record all data and observations for each experiment *directly* into their own laboratory notebook. Data may not be recorded on loose or scratch paper and then transferred to the notebook. Submission of identical data by two or more students who are not assigned lab partners will be considered cheating. Appropriate penalties will be applied to all parties. You are required to get your TA's signature on your data and calculations before you leave lab. Failure to do so will result in zero credit for that experiment.

**Laboratory reports:** Laboratory reports are generally due one week after the experiment, at the start of the tutorial. The only exception is May 20, when Worksheet #2 is due at the end of lab. Failure to submit a laboratory report for an experiment will result in zero credit for that experiment (no credit will be given for the pre-lab assignment in the absence of a report).

**Laboratory dress code:** For your safety, a strict dress code will be enforced in the lab. Failure to comply with the dress code will result in expulsion from the lab and a score of zero for that experiment. The dress code requires that you be fully clothed from shoulder to toe (**no spaghetti straps**). No shorts, short skirts, capri pants, sandals, or open-toed shoes are permitted.

**Calculators:** You are expected to have and to be able to use a scientific calculator. Graphing calculators are allowed, but they are not required. The use of any stored information/programs in a programmable calculator will be considered cheating. Calculators with a full QWERTY keyboard (such as the TI-92 or Voyage 200), PDAs, palmtop, laptop, handheld computers, and cell phone/calculator combinations may not be used during quizzes or exams. You are responsible for bringing your calculator to all tutorials, labs, and exams.

**Homework:** There will be 5 weekly homework assignments. These assignments are administered through the *Mastering Chemistry* web site. You will be required to purchase an access code for the *Mastering Chemistry* system. These codes are available in the bookstore or may be purchased on the Mastering Chemistry site. Log into <https://www.MasteringChemistry.com>. A new homework assignment will be made available each week (no later than 9:00AM each Monday). The due date/time for each assignment will be listed with the assignment on the homework site, but is generally 9:00 am the following Tuesday. Your percent score for the homework problems for the course will be applied to the 200 available homework points.

**Exams:** There will be two exams and a final exam. All exams will be held during tutorial/laboratory periods. The dates and material covered are listed above and on the course schedule. The exams will consist of multiple choice, short answer and calculation type questions. You are responsible for bringing a calculator and pens/pencils to all exams. No books or notes will be allowed. Calculators may not be shared during the exams. **Make-up exams will not be given.** Hour exams missed due to documented illness will be excused, and other exams will be pro-rated to count for more. The final exam must be taken in order to complete the course.

**Quizzes:** Eight 20-point quizzes will be given during tutorial sessions as indicated on the course schedule. Note that the first quiz will be held during the first week of classes (Thursday). I will drop your lowest quiz score, for a total of 140 points from quizzes. The quizzes will cover lecture and homework material. You will be allowed to use a single 3"x5" card containing your *hand-written* notes on the quizzes. No other hand-written material, printed material, or photocopied material may be used during quizzes. The two lowest quiz scores will be dropped, so no make-up quizzes will be given.

**Academic Integrity:** Cheating, plagiarism, or any other activity which results in an unfair advantage will not be tolerated. Students repeating this course must rework and rewrite all assignments. Submitting previously graded work, even your own, is considered cheating. Assisting other students by providing information from your previously graded work is also considered cheating. Cooperative learning is encouraged, but all work submitted for grading must be your own. Identically worded homework answers, lab reports, etc. is considered cheating. Use of a cellular phone during any quiz or exam is considered cheating. All instances of cheating will be reported to Student Affairs with the assignment in question receiving no credit. Repeated offenses will result in a failing grade for the course.

**Accommodations:** Reasonable accommodations are available for students who have a documented disability. Please notify the instructor during the first week of class of any accommodations needed for the course. Late notification may cause the requested accommodations to be unavailable. All accommodations must be approved through the Disability Resource Center (DRC) in the Administration Annex 205 (335-1566).

Dear Student:

In this course you will be using MasteringChemistry™, an online tutorial and homework companion to your textbook.

#### **What You Need:**

- ✓ **A valid email address**
- ✓ **A student access code** (Comes in the Student Access Kit packaged with your new textbook. Otherwise, you can purchase access online at [www.masteringchemistry.com](http://www.masteringchemistry.com).)
- ✓ **The zip code for your school: 99164**
- ✓ **A Course ID:** Chem101WSU15

#### **Student Registration**

- Go to [www.masteringchemistry.com](http://www.masteringchemistry.com). If asked to identify your text, select the title and edition of your course textbook.
- Click **Register** to register for MasteringChemistry with your student access code. (*Don't have a new access code? You can purchase access by clicking Buy Now. Your purchase path will differ slightly from the registration instructions that follow.*)
- Agree to the **License Agreement** and **Privacy Policy** by clicking the checkboxes.
- Leave "**No, I am a New User**" selected, then type in your **Access Code** in the fields provided. (Enter one "word" per box, without the dashes.)
- Enter your **School Zip Code**, select your **Country** and click **Next**.
- Enter your **Name** and **Email** and select **Your School**.
- Create a personal **Login Name** and **Password**, answer the **Security Question** and click **Next**.

Upon completion, the **Confirmation & Summary** page confirms your registration information. This information will also be emailed to you for your records.

#### **Enroll in Your Instructor's Course and/or Access Self-Study Area**

If you receive a Course ID from your instructor, you will use this to "enroll" in your instructor's MasteringChemistry online course so that you can be included in his or her gradebook.

- Go to [www.masteringchemistry.com](http://www.masteringchemistry.com). If asked to identify your text, select the title and edition of your course textbook.
- Under **Returning User?**, enter the login name and password you created, then click **Log In**.
- Either enter your instructor's MasteringChemistry **Course ID** or click **Proceed to Self-Study Area** (if an independent self-study option is available for your textbook). Your instructor *may* also request that you enter a special Student ID for this course, either now or later. If so, be sure to enter this information EXACTLY as your professor has instructed.

Congratulations! You have completed registration and have enrolled in your MasteringChemistry course. **To access your course from now on:** Simply go to [www.masteringchemistry.com](http://www.masteringchemistry.com), select your textbook if prompted, and enter your login name and password.

#### **System Requirements & Support**

- **To effectively use the resources on this website, check its system requirements:**  
Log in to [www.masteringchemistry.com](http://www.masteringchemistry.com) and click the "System requirements" link at the bottom of the home page. In particular, you may need to check that the latest version of the Flash player is available to your browser.

**Customer Technical Support:** <http://www.masteringsupport.com>