Fall 2014

Introduction

Hello, my name is Dr. Robert McBroom (robert.mcbroom@canyons.edu) and welcome to Chemistry 202 – a 5.0 unit CSU, UC transferable course. CHEM 202 is a continuation of CHEM 201: General Chemistry I. Lecture will cover coordination compounds, kinetics, ionic equilibrium including acids and bases, solubility and solubility product, electrochemistry, thermodynamics, and nuclear chemistry. Laboratory experiments and activities will cover equilibrium, kinetics, qualitative analysis, electrochemistry, thermodynamics, nuclear chemistry, and an introduction to organic chemistry. It goes without saying that I expect you to be able to call upon the knowledge gained in Chemistry 201 for use in this course!

This section of CHEM 202 is a hybrid class, partially online, and partially on-ground, which means you will need to come to the Valencia campus twice per week, on Mondays and Wednesdays from 6:45 pm to 9:50 pm. The lecture will be online using the course management system Blackboard (Bb), but the laboratory and recitations will be face-to-face on campus. This means we will meet as a class every Monday and Wednesday from 6:45 pm to 9:50 pm in BYKH -301 for lab and recitation. Consistent attendance to all on-ground meetings and constant use of the Bb website will be critical to your success in CHEM 202 Hybrid.

Is A Hybrid Course Right for You?

Before you take this class, you need to decide whether a hybrid class is right for you. Many students are under the mistaken impression that this type of course will be easier than a traditional in-class course. In fact, the opposite is usually true. Online courses have many advantages over traditional classes, including flexible schedules for doing class work, the ability to work wherever a computer is available, cutting down on commute time, and accommodating students who work fulltime as well as students with childcare responsibilities. Online classes are not appropriate for many students. This type of class requires self-discipline, good organizational skills, good computer skills, and a high degree of independence. You cannot expect to start your work Monday or Wednesday morning to prepare for that evening’s in-class meeting! To see if this type of class makes sense to you, you should take the following online self-assessments and read about what makes a good online student:
COC Distance Learning “FAQs”
http://www.canyons.edu/Offices/DistanceLearning/OnLine/Pages/FAQ.aspx

How to succeed in online classes:
http://www.canyons.edu/Offices/DistanceLearning/Pages/SucceedInDistanceLearning.aspx

There is also a wealth of other helpful information at the COC Distance Learning Site: http://www.canyons.edu/Offices/DistanceLearning/Pages/default.aspx

In addition you will need a reliable internet connection, an email address, and basic computer skills including familiarity with basic windows formats, opening and closing files, sizing windows, starting programs, sending emails, attaching and downloading documents, and basic file management skills. I can’t spend my time figuring out your computer issues!

I will use your college issued email account to communicate with you during this course. **It is absolutely critical that you check this email several times per week, particularly the day before we meet in class!** Otherwise, you may miss important course information. I will communicate with the class primarily with Blackboard, which uses your campus email. It is possible to forward your campus email to your phone as a text message which you may wish to do.

**Technical Requirements**

You must have regular and reliable access to a computer with the following hardware:

• Windows XP or more recent, Mac OS 10.5 or better

• High-speed internet connection (DSL, cable, etc.) for multimedia content— audio, videos, animations

• Internet Explorer 7, Firefox 3.5, Google Chrome 5.0, or Safari 3, or higher versions.

• Plug-ins: Can be obtained through our course Bb site (http://www.canyons.edu/offices/distance_learning/Bb/browser/).

**Technical Assistance**

Technical and/or tutorial support is also available through our two main tutoring centers:

• the TLC lab: http://www.canyons.edu/Offices/TLC/Pages/default.aspx

• MESA: http://www.canyons.edu/Offices/MESA/Pages/default.aspx
There is also specific technical help for Blackboard, outlined below.

**Required Texts/Materials/Software**

1. *Chemistry: A Molecular Approach, any Edition*, by Nivaldo Tro (if you bought part 1 of the 3rd edition for Chemistry 201 last semester, you will need part 2 - or a used full edition- for this class)
2. Access to Mastering Chemistry – internet based homework. If you have this from Spring or Summer 2014 nothing to buy, it will work for fall, but if not, you will need to purchase the access code for *Chemistry: A Molecular Approach, 3rd Edition*, by Nivaldo Tro. **Make sure you purchase the code for that specific book and edition, even if you are using a different edition of the text.** The access code can be purchased at [http://www.masteringchemistry.com](http://www.masteringchemistry.com)
3. The laboratory experiments are all on line, nothing to buy 😊.
4. Scientific calculator (Graphing calculators not permitted during exams).
5. Safety goggles.

All required materials should be purchased by the 2nd class meeting.

The course management website is Blackboard. Blackboard will be available the first day of the semester (August 25), probably earlier, to those registered in the class. To log in to Blackboard:

Go to [http://bb9.canyons.edu/](http://bb9.canyons.edu/) *(note - there is NO “www” in the URL address)*

Your login is your 7-digit COC Student ID number, including any leading zeros

For example COC Student ID # 0123456, would login 0123456

Password is “student” (For current/past Blackboard students, use the current password you created)

After you log in, you need to change your password and enter your email address, which you can do using the Tools → Personal Information menu items. There is a tutorial for Blackboard on the Distance Learning website as well.

For assistance with the Blackboard site, see the following YouTube videos: [http://www.youtube.com/playlist?list=PLontYaReEU1seUE3ACG3sEc3zR7Br7URU](http://www.youtube.com/playlist?list=PLontYaReEU1seUE3ACG3sEc3zR7Br7URU)

There is also help at

**Student Tech Support:**

Monday - Thursday 8:30 am - 7:30 pm, Friday and Saturday 9:30 am - 12:30 pm.
Email will be replied to within 24 business hours. If you are having problems within your course with assignments, tests and the like, please contact your instructor.

Email: bbsupport@canyons.edu
Phone Number: 661-362-3344

Remember, this is a hybrid class. What does that mean? It means the lecture portion of this class will be delivered online via recorded lectures, not in the classroom. On-campus meetings will be held in the lab, where we will usually do quizzes, labs, and occasional lectures on Monday nights, and labs (and some exams) on Wednesday nights. We will also have several discussion topics, which we will discuss in the blog section of blackboard. This means you need to read the text, visit BlackBoard frequently, and view the online lectures every week before class. You will need a lot of self-discipline to succeed in this class.

I look forward to meeting all of you both online and at our first class meeting on Monday!
Regards,
Dr. McBroom robert.mcibroom@canyons.edu