**CHEM 1110/1111 - General Chemistry Lecture/Lab**

**Course Description & Objectives:**

This is the first of the two-semester General Chemistry course – designed for students who expect to major in chemistry and those who wish to meet the entrance requirements for professional schools. It fulfills the General Education Requirements in science. There are three lectures and a lab session every week. The objectives are for students to:

* Develop an understanding of chemistry concepts and principles, and experimental skills through lab sessions.
* Explore chemistry as a systematic investigation, resulting in inspired interests and appreciation of science.
* Improve abilities of scientific inquiry, and eventually become better learners.

**Prerequisites & Co-requisites:**

You are required to complete both lecture and a laboratory session to pass the course. If you have taken this course at ETSU within the past 3 years and are repeating it, and if you made an average of 70 or higher in the lab before, you may omit the lab session and apply the previous lab grade to this semester's average. If you choose so, you must remain registered for the laboratory and you must notify the lecturer no later than the first scheduled lab class. See the instructor for the lab exemption form. You are expected to have high school levels of mathematics and science knowledge and skills.

**Curriculum Materials:**

* *Chemistry: Matter and its Changes,* 5th edition by Brady & Senese, John Wiley & Sons, Inc. 2009. The textbook is packaged with WileyPLUS online learning system, which includes online assignment, video aids, tutorials and interactive learning ware. It is a good curriculum to meet the course goals and serves for both General Chemistry I (CHEM 1110) and II (CHEM 1120). WileyPLUS is required for the course and it includes an electronic text. Our class URL is: <http://edugen.wiley.com/edugen/class/cls128315>. Online homework will be assigned and graded here. You are required to register at the website before the start of the 2nd week. In addition, a standard traditional hardcopy of the textbook is suggested.
* Desire 2 Learn: A D2L site (<https://elearn.etsu.edu/>) for this course is available through ETSU. All announcement, lecture notes, slides and grades will be posted here.
* Lab session: *Experiments in General Chemistry* by Wardeska, Huang, Kopp, and Mohseni, 2009

*Very Basic Chemistry by Mohseni, 2009.*

**Course Policy:**

* Attendance – Students are expected to attend classes regularly. Failure to attend class regularly can affect student’s grades and financial aid.
* Classroom – Please switch off your pagers and cell phones unless you are on-call as a medical or safety personnel. Any distractive behavior in the classroom will be reported and result in penalization. No electronic items other than non-programmable calculators and no hats sunglasses are allowed during exams.
* Make up – There is no make-up of quizzes and exams except for University sponsored activities or extenuating circumstances. Arrangements should be made with the instructor in advance.
* Lecture materials – Lecture notes and slides are available on D2L. They are not comprehensive course guide but only an additional aid to help reviewing. The textbook should remain the authority in all conflicts.
* Academic Honesty – Cheating in class is a serious offence and will not be tolerated. ETSU student handbook: “Academic misconduct will be subject to disciplinary action. Any act of dishonesty in academic work constitutes academic misconduct. This includes plagiarism, the changing or falsifying of any academic documents or materials, cheating, and the giving or receiving of unauthorized aid in tests, examinations, or other assigned school work. Penalties for academic misconduct will vary with the seriousness of the offense and may include, but are not limited to: a grade of F on the work in question, a grade of F for the course, reprimand, probation, suspension, and expulsion. For a second academic offense the penalty is permanent expulsion.”
* **Special needs** – If you need any academic accommodations such as test-taking or note-taking because of a disability, medical situation or other situations, please discuss it with the instructor.
* A non-refundable laboratory materials fee of $25.00 is assessed for this laboratory class.
* If you wish your exams and quizzes returned to you through the campus mail, please put your name and box number on the back of the exam. Otherwise, they will be returned through the Chemistry Stockroom, room #482.

**Grading:**

There will be an overall grade for lecture and lab. Individual grades are dependant upon the individual lecturer.

A = 90 – 100% B+ = 82 – 86% C+ = 70 – 74% D+ = 58 – 62%

A- = 86 – 90% B = 78 – 82% C = 66 – 70% D = 54 -58%

B- = 74 – 78% C- = 62 – 66% F = <54%

**Tips towards A:**

* Read, study and practice. Work hard!
* Speak out! You can not only answer my questions, but also question my answers.
* Keep up with the instructor in the lecture. Take notes smartly.
* Listening and understanding don’t guarantee learning and applying. Only through practice can you learn better.
* Schedule a daily study time instead of working overnight before exam. It won’t work effectively anyway.
* Group study is encouraged. The best way to know you have learned is that you can teach somebody else.