Chemistry 120 - Section XXX, fall 2013-2014, Dual Enrollment Course
Introduction to Inorganic Chemistry

Course Homepage: http://moodle.latech/ Select Chemistry 120– Dual Section XXXX Fall 2013-14
Teacher: XXXX **E-mail:** XXXXXXX
Instructor of Record: Dr. Upali Siriwardane **Office**:311 Carson Taylor Hall
Phone:257-4941 **E-mail**:Upali@latech.edu

Course objective: This online course is the first of a series of chemistry courses designed primarily for non-science majors who have an interest in the subject as it will be applied to future work in allied health careers. It attempts to give the student a general appreciation of the field of general- and inorganic-chemistry with a working knowledge of certain of its more important phases as summarized in course syllabus and course calendar.

Text: General, Organic, and Biological Chemistry, 6th Edition; Stoker; ISBN: 978-1-133-10394-3 and also purchase **Study Guide with Selected Solutions for Stoker's General, Organic, and Biological Chemistry, 6th** ISBN-10: 1-133-10423-1 , ISBN-13: 978-1-133-10423-0 Follow the link on the course web pages to access text-book website

Text e-book and OWL Bundled package:
It is recommended that students purchase the e-book of Stoker's General, Organic, and Biological Chemistry, 6th bundled with OWL could also be purchased at the bookstore or the or online.

Supplements: A copy of chapter notes, lessons plans, slides, sample exam questions are available online: http://moodle.latech.edu/ and following the appropriate menu bars.

Supplements:A full copy of my class lecture slides, homework, exam review guides and sample exam questions are available online:http://moodle.latech.edu/ and following the appropriate menu bars.

Supplements: A full copy of my class lectures, slides, homework, exam review guides and sample exam questions are available online: http://moodle.latech.edu/ and following the appropriate menu bars.

Course Evaluation: The final course grade will be based on a weighted average of your grade for my class (80%) and the average of the 4 online tests from Tech

1. Four 1-Hour Online Tests	100% Tech Grade	Part of 20% of Tech Final Grade
2. Homework Assignments	30% of High School Grade	30% of Tech Final Grade
3. Quizzes	20% of High School Grade	10% of Tech Final Grade
4. In class exams	50% of High School Grade	40% of Tech Final Grade

OWL Assignments to be used in the classroom by High School Teacher:

Concept mastery (CM) assignments and end-of chapter EOC- assignments accessed through via a link to OWL website (directly at http://www.cengage.com/OWL/) OWL provides interactive help and more questions in case you need more practice in the classroom. Students who show an interest in using online learning could purchase the OWL on their own.

Course performance:

You should read chapters; study class notes and slides regularly and punctually on the schedule out line on the course calendar. Taking tests only on test days does not reflect the complete learning/participation/experience provided in this course. Failure to do EOC assignments on time will lead to fewer points earned for homework grades and, inevitably, lower grades on quizzes and exams.

Grading Policy:

Grading Scale: A = 100 - 93% B = 92 - 85% C = 84% - 77% D = 76% - 70%
F = below 70%

Tests: There will be four hourly exams given online. There will be unit tests given in class. Standard make-up rules apply.

Helpful Hints for Learning General Chemistry:

1.Survey the assigned material for overall concepts before starting OWL assignments-meaning SKIM READ RELEVENT SECTIONS IN THE BOOK or e-BOOK!
2.Go back and read the same material for comprehension focusing on unclear areas.
3.Work problems within the chapter during a second reading.
4.Go online and read chapter lessons before you attempt/complete assignments.
5.Reread any remaining unclear areas again focus is to performing better in tests.
6.Work problems, and work problems within lesson plans and at the end of the chapter. Work until you fully comprehend the concept.

Course Activities:

Online tasks:

- Finding and printing assignments, slides, and lecture notes.
- Reading or downloading online resources such as library materials & web sites
- e-mail questions to the professor or teacher

Off-line tasks:

- Reading assignments, textbooks, articles, etc.
- Working on end of the chapter question in the textbook

- Synthesizing materials and crafting outlines
- Making a file collecting all your papers for records and to show authenticity of your work.

Code of Student Conduct:

Complete honesty in all matters pertaining to this course is required as outlined in the Louisiana Tech University Bulletin (catalog) and the Louisiana Tech Honor Code. You must not attempt to copy or download the official online TESTS, or share questions from these tests with other persons. You must not use your textbook while taking an official test and TEST must be taken independently without any outside assistance. No browsing allowed during the TEST and history will be recorded. Any academic misconduct, whether premeditated or unpremeditated (as defined in the *Code of Student Conduct*), will be reported to the Office of the Dean of Students for appropriate actions. In addition, you must adhere to all tents of the Cedar Creek Honor Code.

Materials covered:

Test 1

1. Basic Concepts About Matter.
2. Physical States of Matter.
3. Atomic Structure and the Periodic Table

Test 2

4. Chemical Bonding: The Ionic Bond Model.
5. Chemical Bonding: The Covalent Bond Model.

Test 3

6. Chemical Calculations: Formula Masses, Moles, and Chemical Equations.
7. Gases, Liquids, and Solids.
8. Solutions.

Test 4

9. Chemical Reactions.
10. Acids, Bases, and Salts.
11. Nuclear Chemistry. (Optional)

Changes on this syllabus:

Schedules on this syllabus are not contractual and may be changed by the instructor when it becomes necessary to do so as determined by the instructor. However, any changes that are deemed necessary to be made will be communicated orally to the students during lecture. Therefore, it is a requirement that students attend class on time or make themselves responsible for informing themselves of any changes made by the instructor during lectures, even if absent on the day the change is announced.

Last revised: November 2, 2013