

VALENCIA COLLEGE

Lake Nona Campus

Syllabus CHM 1025C INTRODUCTION TO GENERAL CHEMISTRY

Course Information:

Course Prefix/Number: **26999**

Course Title: CHM1025C

Semester: Spring 2013

Units: 4

Class Days/Times: Mon 9:00AM - 11:45AM

Site/Room: LNC Room # 347

Wed 9:00AM - 11:45AM

LNC Room # 304

Instruction mode: Combined lecture lab

Duration: Duration: Feb 11th – Apr 28th

Prerequisites: One year of high school algebra or minimum grade of C in MAT 0020C or MAT 0024C or appropriate score on an approved assessment.

Office hours: By Appointment only, Room # MC: 7-1

Instructor Information:

Name: Dr. Lynta Thomas

Email Address: lthomas87@mail.valenciacollege.edu

Phone/Voice Mail: 407-582-7111

IMPORTANT DATES:

Spring 2013 Term Drop / Refund Deadline (11:59pm): Feb 18th

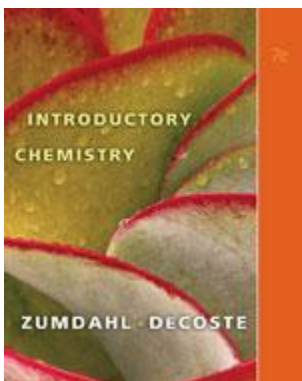
Spring 2013 Term Withdrawal Deadline: "W" grade (11:59pm): Apr 5th

Spring 2013 Day and Evening Classes end (11:59pm): Apr 28th

Academic Calendar with Important Dates:

<http://valenciacollege.edu/calendar/documents/2012-13ImportantDatesCalendarFinal.pdf>

Course Texts and Materials:



Textbook:	Introductory Chemistry, A Foundation, Zumdahl and DeCoste, 7 th edition
Laboratory Manual:	Introductory Chemistry, Corwin, 6 th edition.
Calculator:	Inexpensive, scientific calculator – non-programmable.
Lab Goggles:	Mandatory for lab experiments.

Other required items to each class:

Lab note book, pen, eraser, plain white paper to write lecture notes, closed toe shoes, lab coat.

Course Description:

Prepares students without high school chemistry or with inadequate background for CHM1045C. Modern chemical theories used to develop understanding of fundamentals of inorganic chemistry and its applications. Emphasis on quantitative relationships, using dimensional analysis to solve problems. Laboratory experiences are integral part of course. May not be taken for credit subsequent to earning C or better in CHM 1045C.

Blackboard:

All important information regarding this course can be found in your Blackboard course. This web page can be accessed by going into your atlas account. For any technical support call the **Online Courses Help Desk at 407-582-5600**

Problem sets, handouts if any, and announcements will be posted on Blackboard course and it is your responsibility to check it regularly.

E-mail:

I will regularly send email to your Blackboard e-mail address. It is your responsibility to check it regularly (daily).

Grading:

There is **no curve** in the class. Your grades consist of assignments, quizzes, exams, lab reports, four exams and a cumulative final exam, lab practical exam. **If you miss more than two labs or the final exam you will automatically receive a “F” grade.**

FORMAT: Your grade will be based on several components including:

Work done	Number of items	Maximum Points
Lecture Exams	4 @ 100 pts each	300
Cumulative Final	1 final exam @ 150 pts	150
Quizzes(highest scored 10 counted)	quizzes 12 @ 5pts each	50
Discussions	2 @ 25 pts	50
Laboratory Reports	10@ 15 pts each	150
Lab Quizzes (highest scored 6 counted)	8@ 5 pts each	25
Lab Practical Exam	1@ 25 pts	25
Total Possible Points		750

I reserve the right to lower these point minimum, however they will not be raised.

<i>Grade</i>	<i>Points Earned</i>
A	750 to 675
B	674 to 600
C	525 to 673
D	672 to 450
F	0 to 449

Disclaimer:

Change in Syllabus and/or Schedule may be made at any time during the semester by announcement of the professor. A revised Syllabus may be issued or uploaded in the Blackboard course at the discretion of the professor.

Discussions:

There are two discussion topics in this course. Discussions allow you to the opportunity to express your position on topics in science that impact our society. Participation in the course discussion is required.

In your discussion posts, you will respond to questions about different topics involving chemistry. In addition to providing your answer to the discussion questions you are required to respond to your classmates' discussion posts. Your post as well as your response to classmates' posts will be made through the Blackboard Discussion tool. See the Discussion Rubric for more information.

Please do not "COPY AND PASTE" articles or references you read related to the discussion topic. You will NOT receive credit for this. You must write the postings in your own words with proper citations. Otherwise, you are plagiarizing.

Quizzes & Exams:

The lecture quizzes will be available online. These Quizzes will be out of 10 points each. The pre lab quizzes will be given in class just before you do the lab, but cannot be made up if you are late for the class, leave early or absent on the day of the quiz. There will be four one hour exams. The lowest grade will be dropped. Each exam will cover a minimum of two chapters. The chapter covered for each exam is given in the tentative Schedule in the Syllabus.

You will have one cumulative two hours final exam. All the exams will be given in the classroom or the Valencia College Testing Center. The exams and quizzes are timed. No make-up exams will be given. The tentative dates for all the exams are given in the Schedule given in the Syllabus.

No textbooks or any notes will be allowed during the final exam and any exam or quiz taken in the class. A copy of the Periodic Table will be provided to you for the final exam.

Missed Exam:

You may have ONE opportunity to take a missed exam to be used in case of an emergency. It is your responsibility to contact me if you must miss an exam. This should be done via email as soon as possible but no later than the next lecture. Missing an exam must be a result of an *excused* absence and it must be accompanied by appropriate documentation. **Make-up exam will only be given upon valid, documented VCC excuse.** Failure to provide documentation results in an unexcused missed exam and a grade of zero will be assigned for that exam. Make-up exam must be completed within a week of the scheduled exam. NO make-up will be given for the Final exam, quizzes given in the class or lab reports. Make-up exams must only be taken at the Testing Center after the exam date

Re-grade:

If you feel that an assignment, quiz, or exam was graded incorrectly, you may request a re-grade. All re-grade requests must be submitted **within a week** of receiving your graded assignment,

quiz, or exam. To submit for a re-grade, please attach a written request detailing what you feel was graded improperly. No re-grade request will be accepted after the week period. I reserve the right to re-grade the entire assignment, quiz, or exam. In addition, grades will be posted on Blackboard and will serve as the official grade report.

Attendance:

Though attendance is not directly part of your grade, attending lecture is an integral part of learning. Concepts not covered in the textbook may be discussed which you are still responsible for learning. If you do not plan on attending lecture, please drop the course. If you wish to withdraw from the class, it is your responsibility to submit the necessary forms in a timely fashion or a failing grade will result. Students reporting to class late or leaving early may be considered absent depending on when/if attendance is taken. You are responsible for the completion of all work assigned in class whether present or not. In case of absence, it is your responsibility to check the schedule of work in the Syllabus in the Blackboard course first. You can contact me if you have any questions. I will initiate an "Instructor withdrawal" if you are absent for more than three classes. **If you miss more than two labs or the final exam you will automatically receive a "F" grade.**

PLEASE DO NOT ARRIVE LATE TO THE CLASS. YOU ARE NOT SUPPOSED TO LEAVE THE CLASSROOM WHILE THE LECTURE IS IN PROGRESS, UNLESS YOU ARE GIVEN A BREAK TIME BY THE INSTRUCTOR. IF YOU HAVE AN EMERGENCY, YOU MUST LET YOUR INSTRUCTOR KNOW ABOUT IT.

Chemistry Laboratory: Lake Nona Campus, Room # 347

NO MAKE LABS ARE ALLOWED. If you are absent for a lab you will score zero points for the lab. If you are late for more than 10 minutes, you must report first to the instructor and start the lab only if the instructor gives you permission.

Description:

As this is a combined lecture and laboratory course, a portion of the scheduled time will be spent in the laboratory. The lab will offer an introduction to quantitative techniques and the chemical laboratory as well as reinforce concepts discussed in lecture. The lab experiments are design to develop scientific inquiry, technical skills, experience using scientific instrumentation, problem solving skills, and improve scientific writing skills.

Attire:

Safety is of utmost importance when working in the lab. Therefore the following will be strictly enforced:

1. You must purchase safety goggles and they **must** be worn at all times in the lab!
2. Students should wear long pants.
3. Closed-toe shoes are required; this means no flip-flops.
4. Absolutely no food or drink is allowed in the lab.
5. Long hair be pulled back and restrained and jewelry and bracelets be removed when in lab.

6. Students who do not comply with the attire requirements will not be allowed in lab and a grade of zero will be assigned for that experiment.

Pre-Lab quiz:

Part of lab safety involves being informed. This requires reading the lab in advance and having a general idea of the experiment and procedures. Therefore, the labs require a pre-lab quiz.

Notebook:

A laboratory notebook is vital for documenting data and observations of a scientific experiment. The notebook should contain carbon copy pages, which are submitted to the instructor once the experiment is completed; prior to leaving for the day. The criterion for the notebook is that, should be thorough and organized so that any person who reads the notebook should fully understand the experiment. The following format should be used:

1. All entries must be in non-erasable ink. If an error is made, cross it out with a single line, and continue as needed. Do not use pencil. Use an ink pen.
2. All the pages in the notebook should be pre-numbered. If it is not, number all the pages in ink on the bottom right corner. This means pages should not be removed.
3. The first page should contain the "Table of Content". The Table of Content should contain the name of the experiment, date of experiment, and page number.
4. Start new experiments on a fresh page (i.e., do not start half way down a page following the previous experiment).
5. Have the instructor initial the last page of each experiment prior to leaving. **This also assures that you turn in the carbon copy before leaving.**

Before coming to the lab the notebook should be set up with the following:

1. Enter Lab in Table of Contents
2. Title of Lab
3. Purpose of Lab
4. Brief outline of procedures, leaving adequate space for data and observations. A data table for any repetitive measurements to be taken that day. (Note: all data must be taken in the lab notebook, not in the lab manual, not on napkins, not on weigh paper, and not on the palm of your hand!)
5. During the course of the lab each student will record: Observations of the characteristics of all reagents and products. NOTE: MSDS sheets are available for all reagents used in the lab upon request. Masses or volumes of any reagents used.
6. Observations of any changes that may occur during the experiment. Any other information that may be relevant to the procedure. These will be checked at the beginning of the lab and will be part of the overall notebook score.

Lab Reports:

All experiment will require a Lab report. The Lab report must have the completed data table, calculations, graphs and/or other questions that has to be answered for the experiment in the lab

manual. Late reports, within valid reason, will be accepted up to one day after the due date with point deductions. Any graphs should be **computer generated** with proper titles and axis labels. If you submit the Lab reports in the Blackboard course, your submitted file must be a word doc., docx., or rtf. or a pdf file. **Lab report if submitted as a hard copy, is due at the beginning of the lab, provided with a 5 minutes grace period.** Students are encouraged to submit them earlier. **No job will be accepted after the due date / time (no exceptions).**

Lab Practical Exam:

There is a lab practical at the end of the term to test your lab techniques and knowledge. **The lab practical exam will be done individually.**

Students with Disabilities:

Students with disabilities who qualify for academic accommodations must provide a Notification to Instructor (NTI) form from the Office for Students with Disabilities (OSD) and discuss specific needs with the professor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities.

Academic Honesty:

All forms of academic dishonesty are prohibited at Valencia College. Academic dishonesty includes, but is not limited to, acts or attempted acts of plagiarism, cheating, furnishing false information, forgery, alteration or misuse of documents, misconduct during a testing situation, facilitating academic dishonesty, and misuse of identification with intent to defraud or deceive.

All work submitted by students is expected to be the result of the students' individual thoughts, research, and self-expression. Whenever a student uses ideas, wording, or organization from another source, the source shall be appropriately acknowledged.

Students shall take special notice that the assignment of course grades is the responsibility of the students' individual professor.

Academic penalties for dishonesty may include, without limitation, one or more of the following: loss of credit for an assignment, examination, or project; withdrawal from course; a reduction in the course grade; or a grade of "F" in the course. Disciplinary penalties for academic dishonesty may include, without limitation, warning, probation, suspension and/or expulsion from the College. Anyone observing an act of academic dishonesty may refer the matter to the professor, as an academic violation, and/or to the Dean of Students or designee, as a violation of the Student Code of Conduct.

Computer/Equipment Use Policy:

Use of computers in the Business, IT, and Public Service classrooms at Valencia College is restricted to those activities designated by the instructor to enhance the class materials. Any other use is strictly forbidden. Inappropriate use includes, but is not limited to:

1. Use of computer to send Email or access Internet sites not specifically assigned in class.

2. Use of computer for job, internship, or other activities not assigned in class.
3. Modifying any hardware or software system configuration or setting.
4. Activities not in accordance with the Valencia Student Code of Conduct.
5. Use of computers in the departmental open lab is limited to those activities involved with preparing homework or coursework in this department and is subject to the same restriction as listed above.
6. Computer use is remotely monitored; any student using computers inappropriately may be subject to dismissal from class or banishment from the lab. Subsequent offense may be sent to the campus administration for further disciplinary action.

Classroom Policies:

Students who engage in any prohibited or unlawful acts that result in disruption of a class may be directed by the faculty member to leave the class for the remainder of the class period. Longer suspensions from class or dismissal on disciplinary grounds must be preceded by a disciplinary conference or hearing, as set forth in the Implementing Procedures of this Code.

Examples of such disruptive or distracting activities include, but are not limited to, the following:

1. Activities that are inconsistent with commonly acceptable classroom behavior and which are not conducive to the learning experience, such as: excessive tardiness, leaving and returning during class, and early departure when not previously authorized;
2. Activities which violate previously prescribed classroom guidelines or constitute an unreasonable interruption of the learning process;
3. Side discussions which are irrelevant to the subject matter of the class, that distract from the learning process, or impede, hinder, or inhibit the ability of the students to obtain the full benefit of the educational presentation;

Attendance/Withdrawal Policy:

Students are expected to attend all classes for which they are registered and are responsible for familiarizing themselves with the instructor's specific attendance policy as stated in the course syllabus. It is the student's responsibility to communicate with his or her professor regarding any absences. Failure to do so in a timely manner may put the student at risk of academic penalty as indicated in the attendance policy on the professor's syllabus.

Per Valencia Policy 4-07 (Academic Progress, Course Attendance and Grades, and Withdrawals), a student who withdraws from class before the established deadline for a particular term will receive a grade of "W." A student is not permitted to withdraw after the withdrawal deadline. A faculty member MAY withdraw a student up to the beginning of the final exam period for violation of the class attendance policy. A student who is withdrawn by faculty for violation of the class attendance policy will receive a grade of "W." Any student who withdraws or is withdrawn from a class during a third or subsequent attempt in the same course will be assigned a grade of "F." Do not rely on the instructor withdrawing you if you stop attending, although he/she retains the right to do so once you have missed 3 classes.

Other General Policies:

First and foremost, plan to **BE HERE**. Plan on being in the laboratory for the **WHOLE** time. Chemistry requires active learning. You must practice and discuss the concepts and work problems to better understand it. I encourage you to study together as well as work on problems at the end of the chapter together. If you do not understand a particular concept, please come see me.

You **ARE** expected to keep up with homework assignments on your own. You **WILL** be tested over the material taught in this course. Expect to spend several hours each week outside of class on chemistry. Develop a regular study schedule which will help you maintain good study habits. Most importantly, get help immediately when you are having difficulty. Concepts will compound and procrastinating will make it more difficult for you and me (when you do come in for help).

Please turn off your cell phone or beepers during lecture. It is disrespectful to me and your classmates to disrupt class. If you are expecting an important call, please let the instructor know, you can set it on vibrate and leave the room to accept the call to minimize the disruption. If you are found using the cell phone or any electronic devices in classroom or the laboratory, you may not be allowed to continue to attend the class.

Earning a good grade is completely up to you and the amount of time and effort you're willing to put into the class **throughout** the term. You know going in how many points you need to earn your grade. **There will not be extra credit assignments to pull you through.** Grades are not given simply to keep up a GPA or keep a scholarship. Any passing grade must be **earned** by you.