



Southern Arkansas University Tech

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www.sautech.edu

ONLINE COURSE INFORMATION SHEET

Course Number: CHEM1064

Course Title: General Chemistry for Nurses

Course Description: An introductory, algebra-based, general chemistry course specifically designed for majors in health-related professions. Course includes nomenclature, atomic and molecular structure, bonding, and reactions.

Instructor Name: Laura Camp

Instructor Bio: M. S. Louisiana State University, B. S. Oklahoma State University

Prerequisite: none

Textbook Information: Chemistry. 10th ed. 2009. Timberlake. Pearson Prentice Hall. ISBN: 1256235113.

Learning Outcomes

1. The student will demonstrate by scoring 70% or above on examinations and assignments an understanding of the following: basic concepts of measurements and unit conversion, atomic structure, the periodic table, chemical bonding and nomenclature, chemical reactions and basic stoichiometry, solutions, and acid/base reactions, energy and equilibrium concepts, gas laws, oxidation-reduction reactions, and basic nuclear chemistry
2. The student will demonstrate by scoring 70% or above on lab assignments an understanding of the basic concepts of chemistry through laboratory procedures.
3. The student will demonstrate by scoring 70% or above on examinations and assignments an understanding of the association between the basic concepts of chemistry and health and medicine.

On-Campus Requirement

The final exam must be taken at an approved proctor site.

Modes of Interaction

All assignments and exams are written (typed). The student is expected to respond to discussion topics on the course message board and keep in contact with instructor via course email.

Methods of Assessment

All exams are multiple-choice or matching.

Enrollment Procedures

SAU Tech is an open admissions college; however, we have several items that you must provide in order to be admitted:

- Submit application for admission.
- Submit a high school transcript or GED, and official college transcripts from all previously attended colleges (if applicable).
- Provide proof of two immunizations against measles, mumps and rubella.
- Take a placement test. Students enrolling must submit ACT, SAT, ASSET or COMPASS scores. Students can take the ASSET or COMPASS test at SAU Tech.

Students are responsible for all tuition and fees at the time of registration. Students must officially drop by written notice or in person in order to reduce their balance owed. If students never attend class, he/she will still be assessed partial tuition and full student processing fees, unless completely he/she completely withdraws during the 100% refund period.

In order for a student to drop a class, he/she must complete a drop form or send written request to his/her advisor. A \$5 drop fee is assessed for drops that take place after the registration period ends.

Admissions Office Website: <http://www.sautech.edu/studentResources/admissions.aspx>

Course Registration Website: <http://www.sautech.edu/studentResources/advising.aspx>

Technical Requirements and Resources: Students will need Internet access and have the ability to send and receive e-mail attachments using the e-mail within Blackboard.

Library Website: <http://www.sautech.edu/lrc/index.aspx>

Bookstore Website: <http://sautech.textbooktech.com>

Adult Learner Resources: Online library and bookstore services can be obtained at the library and bookstore websites. Advising services can be obtained at <http://www.sautech.edu/studentResources/advising.aspx>.

Student Support and Learning Resources: Online library and bookstore services can be obtained at the library and bookstore websites. Advising services can be obtained at <http://www.sautech.edu/studentResources/advising.aspx>.

Other Considerations

Model ChemLab software will be used to complete the labs for this course. Scientific calculator also required.

Students will need Internet access and have the ability to send and receive e-mail attachments using the e-mail within Blackboard. All first time online students are required to complete Learning Strategies before they will be allowed to take their online course(s). The purpose of Learning Strategies is to teach students how to use Blackboard and provide information about other systems that students will use while a student at SAU Tech.

There are computer programs and other things that you will need if you are taking an online course from SAU Tech. To make it easier for you, we have compiled a list of these things. Before beginning your online course, you should go ahead and make sure each of these programs listed below are loaded on every computer that you will use while taking your online course(s).

- Microsoft Word – used to complete assignments and submit to instructor
 - Can be accessed via SkyDrive inside your student email account. **FREE**
 - Can be purchased from Wal Mart or other software vendor and will need to be loaded on to your computer
 - There is also a **free** product that works just as good as the Microsoft Office Suite. You can download it at <http://download.openoffice.fm/free/?pk=26976>
- Adobe Reader 7.0 or higher – used to read files in pdf format
 - Cost: Free
 - Can be downloaded to your computer from <http://www.adobe.com/products/acrobat/readstep2.html>
- Adobe Flash Player (7 or higher) – used to view study activities and demonstrations in Learning Strategies course
 - Cost: Free
 - Can be downloaded to your computer from http://www.adobe.com/shockwave/download/download.cgi?P1_Prod_Version=ShockwaveFlash
- Macromedia Shockwave Player 8.5.1 – used for interactive quizzes, animations and activities
 - Cost: Free
 - Can be downloaded to your computer from <http://www.macromedia.com/shockwave/download/download.cgi?>
- Windows Media Player – used to listen play audio files
 - Cost: Free
 - Comes as part of your Windows operating system
- Java – a technology that is required in order for Blackboard to function properly as well as some other programs that SAU Tech uses with its online classes (**Note: Only one version of Java can be running on your computer at a time.**)
 - Cost: Free
 - Can be downloaded to your computer from <http://javashoplmsun.com/ECom/docs/Welcome.jsp?StoreId=22&PartDetailId=jre->