

ORIGINATOR'S SECTION:		
1. College: <input checked="" type="checkbox"/> Coas <input type="checkbox"/> CBA <input type="checkbox"/> CoE	Desired Term and Year of Implementation (e.g., Fall 2008): Spring FALL '09	
2. Current Course abbreviation and Number: Chem 100L		

TYPE OF CHANGE(S). Check all that apply.

Course Number Change	<input checked="" type="checkbox"/>	Delete Prerequisite	<input type="checkbox"/>	Other Prerequisite Change	<input type="checkbox"/>
Course Title Change	<input type="checkbox"/>	Add Corequisite	<input type="checkbox"/>	Grading Method Change	<input type="checkbox"/>
Unit Value Change	<input checked="" type="checkbox"/>	Delete Corequisite	<input type="checkbox"/>	Mode of Instruction Change (C/S Number)	<input checked="" type="checkbox"/>
Description Change	<input checked="" type="checkbox"/>	Add Consent for Enrollment	<input type="checkbox"/>	Consider for G.E. If yes, also fill out appropriate GE form.	<input type="checkbox"/>
Add Prerequisite	<input type="checkbox"/>	Delete Consent for Enrollment	<input type="checkbox"/>	Cross-list	<input type="checkbox"/>

Information in this section-- both current and new -- is required only for items checked () above.

NEW INFORMATION:

Course abbreviation and Number:	105L
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CURRENT INFORMATION:

3. Title: Organic and Biochemistry for Life Laboratory	'Title: (Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.) Chem 105L Organic and Biochemistry for Life Laboratory
4. Abbreviated Title for Banner (no more than 25 characters): Org/Biochem for Life Lab	Abbreviated Title for Banner: (no more than 25 characters, including spaces) NC
5. Number of Units: 2	Number of Units: 1
6. Catalog Description: Covers the basic principles of weight and volume measurements, solutions, suspensions, colloids, osmosis, energy of biochemical transformations, buffered solutions, the properties of acids and bases and pH balance in the biochemistry of human body systems. Intended for students pursuing a degree in a health-related field. Prerequisite: Completion of the entry Level Mathematics (ELM) requirement or consent of instructor. Corequisite or Prerequisite: CHEM 100.	Catalog Description: (Not to exceed 80 words; language should conform to catalog copy. Please consult the catalog for models of style and format; include all necessary information regarding consent for enrollment, pre- and/or corequisites, repeated enrollment, crosslisting, as detailed below. Such information does not count toward the 80-word limit.) Covers the basic principles of weight and volume measurements, solutions, suspensions, colloids, osmosis, energy of biochemical transformations, buffered solutions, the properties of acids and bases and pH balance in the biochemistry of human body systems. Intended for students pursuing a degree in a health-related field. Prerequisite: Completion of the entry Level Mathematics (ELM) requirement or consent of instructor. Corequisite or Prerequisite: CHEM 105.

7. Mode of Instruction* (See pages 17-23 at <http://www.calstate.edu/cim/data-elem-dic/APDB-Transaction-DED-SectionV.pdf> for definitions of the Course Classification Numbers)

Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)	Type of Instruction	Number of Credit Units	Instructional Mode (Course Classification Number)
Lecture	1	C-2	Lecture		
Activity			Activity		
Lab	1	C-16	Lab	1	C-16

8. Grading Method:* <input checked="" type="checkbox"/> Normal (N) (Allows Letter Grade +/-, and Credit/No Credit)	Grading Method:* <input checked="" type="checkbox"/> Normal (N) (Allows Letter Grade +/-, and Credit/No Credit)
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*If Originator is uncertain of this entry, please consult with Program Director/Chair.

CURRENT INFORMATION:

NEW INFORMATION:

<input type="checkbox"/> Normal Plus Report-in-Progress (NP) (Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)	<input type="checkbox"/> Normal Plus Report-in-Progress (NP) (Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)
<input type="checkbox"/> Credit/No Credit Only (C)	<input type="checkbox"/> Credit/No Credit Only (C)
<input type="checkbox"/> Credit/No Credit or Report-in-Progress Only (CP)	<input type="checkbox"/> Credit/No Credit or Report-in-Progress Only (CP)
9. If the NP or CP grading system was selected, please explain the need for this grade option.	
10. Course Requires Consent for Enrollment? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Faculty <input type="checkbox"/> Credential Analyst <input type="checkbox"/> Dean <input type="checkbox"/> Program/Department/Director/Chair	Course Requires Consent for Enrollment? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Faculty <input type="checkbox"/> Credential Analyst <input type="checkbox"/> Dean <input type="checkbox"/> Program/Department/Director/Chair
11. Course Can be Taken for Credit More than Once? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many times (including first offering)	Course Can be Taken for Credit More than Once? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, how many times (including first offering)
12. Is Course Cross Listed: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, indicate which course	Is Course Cross-listed? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, indicate which course and check "yes" in item #17 below.
13. Prerequisite(s): Entry Level Mathematics (ELM)	Prerequisite(s): Entry Level Mathematics (ELM)
14. Corequisite(s): 100	Corequisite(s): 105 (or pre-requisite)
15. Documentation attached: <input checked="" type="checkbox"/> Syllabus <input type="checkbox"/> Detailed Course Outline	

PROGRAM DIRECTOR/CHAIR - COLLEGE CURRICULUM COMMITTEE SECTION:

(Mandatory information - all items in this section must be completed.)

16. Does this course fulfill a requirement for any major (i.e. core course or elective for a major, majors in other departments, minors in other departments)? Yes No
If yes, please specify:
Nursing, Kinesiology

17. Does this course change impact other discipline(s)? (If there is any uncertainty as to whether a particular discipline is affected, check "yes" and obtain signature.) Check "yes" if the course is cross-listed. Yes No
If yes, obtain signature(s). Any objections should be stated in writing and attached to this form.

Kine Discipline Attached Signature _____ Date _____ Support _____ Oppose _____

Nursing Discipline Attached Signature _____ Date _____ Support _____ Oppose _____

18. Reason(s) for changing this course:
The 2nd unit of laboratory was actually being used more for lecture than for pre-lab. We would like to ~~formally change from 3 units of lecture and 2 units of lab to 4 units of lecture and 1 unit of lab~~ ^{DELE} Content of the overall 5 units will remain identical - we simply want the units to reflect our actual practice.
A separate lab will also allow students easier scheduling of the laboratories once we begin teaching 2 sections of lecture. Students can take either lecture with any of the labs. For this Fall (without this change), the students have to take the pre-lab with their regular lecture faculty member, so one lecture is assigned 2 sections of lab and another lecture is assigned 3 other sections of lab. Once we make this change, students can take any section of lab with either lecture.
Current syllabus is attached with proposed changes noted.
SUB: . . . SHIFT THE ONE UNIT OF LECTURE CREDIT NOW INCLUDED IN CHEM 100L TO CHEM 100 (RENUMBERED) 105L & 105 RESPECTIVELY. THE RESULT WILL BE ONE 4-UNIT LECTURE COURSE (105) AND ONE ONE-UNIT LAB COURSE (105L).

NIM

CURRENT INFORMATION:

SIGNATURES : (COLLEGE LEVEL) :

1. JATwain 3/3/08
Originator (Please Print) Date

2. JATwain 3/3/08
Program Director/Chair Date

3. Mark Wallace 4/24/08
College Curriculum Committee Date

4. [Signature] 5/12/08
College Dean (or Designee) Date

NEW INFORMATION:

(UNIVERSITY LEVEL)

5. _____ Date

6. _____ Date

7. _____ Date

CHEMISTRY 100(Change to 105): Organic and Biochemistry of Life

Term: Spring, 2006
Prerequisites: None
Class time: 10.00 a.m. - 10.50 a.m. Mondays, Wednesdays, and Fridays (4 units will be reflected here)
Class location: ACD 102
Instructor: S. Jayasinghe (Jay), Ph.D.
Inst. Office: Sci II, 229
Inst. Office hours:
Inst. Phone: (760) 750-8075
Inst. E-mail: sjayasin@csusm.edu

Course Objective: This course will cover the basic principles of general, organic, and biochemistry as needed to understand the biochemistry, physiology, and pharmacology of the human body. This course is intended for students pursuing a degree nursing.

Textbook: "Chemistry: An introduction to General Organic, and Biological Chemistry", 9th Ed., K. Timberlake, Pearson/Benjamin Cummings Publishing, 2006.

Chapter 1. Measurements
Chapter 2. Energy and Matter
Chapter 3. Atoms and Elements
Chapter 4. Compounds and their Bonds
Chapter 5. Chemical Reactions and Quantities
Chapter 6. Gases
Chapter 7. Solutions
Chapter 8. Acids and Bases
Chapter 10. Introduction to Organic Chemistry: Alkanes
Chapter 11. Unsaturated Hydrocarbons
Chapter 12. Organic Compounds with Oxygen and Sulfur
Chapter 14. Carbohydrates
Chapter 13. Carboxylic acids, Esters, Amines, and Amides
Chapter 15. Lipids
Chapter 16. Amino acids, Proteins, and Enzymes
Chapter 18. Metabolic Pathways and Energy Production
Chapter 17. Nucleic acids and Protein Synthesis

Course web site: www.csusm.edu/jayasinghe/Classes/CHEM100/CHEM100.html

Exams: There will be three (3) mid-semester exams and a final exam. The three mid-semester exams are scheduled as follows:

1st mid-semester exam - February 17, 2006
2nd mid-semester exam - March 17, 2006
3rd mid-semester exam - April 21, 2006

The final examination is comprehensive, and is scheduled for,

Make up examinations will only be given if the student has a valid excuse (sever illness, death in the family, etc.) and notifies the instructor prior to test time (if possible). No make-up examination will be given unless the instructor is notified of the emergency within two (2) days of the test.

Quizzes: There will be 12 quizzes (roughly every Monday) beginning the third week of class (the week of 1/30/06). Quizzes will be administered during the last 15 minutes of class. Each student may drop two (2) quizzes at the end of the semester. A missed quiz will be counted as one dropped quiz. After two (2) dropped quizzes any additional missed quiz will receive zero points. No make up quizzes will be given.

Homework: A set of homework problems, for each of the chapters that will be covered during the semester, will be available via the course website. **These problem sets will not be collected.** However, the homework assignments are a good way to test your comprehension of the course work and will help you study for the quizzes and examinations.

Grading (points):

10 quizzes	50	12.5%
Mid-semester examinations (50 points each)	150	37.5%
Final Examination	200	50%
Total	400	100%

Writing Requirement:

The University Writing Requirement will be satisfied by quiz and examination questions requiring written answers.

Supplemental Instruction:

HOW TO STUDY CHEMISTRY IN ORDER TO EARN A GRADE OF A, B, OR C.

1. Take good lecture notes. You are responsible for everything that I write or project on the board (except videos or commercials).
2. Make flash cards of definitions, concepts, reactions, structures, and nomenclature that are covered in lecture notes.
3. Use your lecture notes/flash cards as a guide to your reading in the textbook. Read the relevant chapter (or chapter section) before coming to the lecture and after attending the lecture (yes, twice).
4. Solve the homework problems. Some of the answers are in the back of the textbook. One of the best ways of learning is to find a study partner or to form a study group and work on the problems together. Doing the homework problems is how you develop the analytical/critical thinking skills to do well on the quizzes and final exam.
5. Attend class.
6. If you have questions, ask. Make use of supplemental instruction and the office hours.

CURRENT INFORMATION:
SIGNATURES : (COLLEGE LEVEL) :

1. J. T. ... 3/3/08
Originator (Please Print) Date

2. J. T. ... 3/3/08
Program Director/Chair Date

3. _____ Date

4. College Curriculum Committee Date

4. College Dean (or Designee) Date

NEW INFORMATION:
(UNIVERSITY LEVEL)

5. _____ Date
UCC Committee Chair

6. _____ Date
Vice President for Academic Affairs (or Designee)

7. _____ Date
President (or Designee)

Judith Papandrea
 Director
 S.O.N. 4/18/08

Debbie Schwarz

From: Kara Witzke
Sent: Thursday, March 27, 2008 4:53 PM
To: Debbie Schwarz; Judith Papenhausen
Cc: Staci Beavers
Subject: CHEM 100 & 100L Proposals for Review

This looks very reasonable to me...and will likely be easier for articulation purposes as well!

Kara

On 3/27/08 4:06 PM, "Debbie Schwarz" <dschwarz@csusm.edu> wrote:

To: Kara Witzke
Kinesiology
Judy Papenhausen
Nursing Program

From: Curriculum & Academic Policy Committee
College of Arts & Sciences

Date: March 27, 2008

Re: C-2 Forms
CHEM 100 & 100L

Good Afternoon,

Attached are C-2 forms and supporting documents for Chemistry 100 & 100L

Please review and indicate your support or your opposition.

You may sign the attached document . Or you may reply with your response.

We appreciate your attention. Please call if you have questions .

Curriculum & Academic Policy Committee
College of Arts & Sciences
Mark Wallace, Chair
Staci Beavers