CHEM 160

California State University San Marcos • **COURSE CHANGE(S)** • **FORM C-2**

ORIGINATOR'S SECTION:		
1. College: ☐ CHABSS ☐ CoBA ☐ CoEHHS ☒ CSM	**Desired Term and Year of Implementation (e.g., Fall 2008):** Fall 2018	
2. Current Course abbreviation and Number: CHEM 160		

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

Course Number Change	☐	**Delete Prerequisite**	☐	**Other Prerequisite Change**	☒
Course Title Change	☐	**Add Corequisite**	☐	**Grading Method Change**	☐
Unit Value Change	☐	**Delete Corequisite**	☐	**Mode of Instruction Change (C/S Number)**	☐
Description Change		**Add Consent for Enrollment**	☐	**Consider for G.E.** If yes, also fill out appropriate GE form.	☐
Add Prerequisite	☐	**Delete Consent for Enrollment**	☐	**Cross-list**	☐

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

CURRENT INFORMATION:	**NEW INFORMATION:**
	Course abbreviation and Number:
3. Title: **General Chemistry II**	**Title:** *(Titles using jargon, slang, copyrighted names, trade names, or any non-essential punctuation may not be used.)*
4. Abbreviated Title for Banner *(no more than 25 characters):*	**Abbreviated Title for PeopleSoft:** *(no more than 25 characters, including spaces)*
5. Number of Units:	**Number of Units:**
6. Catalog Description: Introduces quantitative approaches to chemical equilibria and kinetics. Fundamental principles of thermodynamics introduced in CHEM 150 are explored in greater depth. Topics include solubility, acids and bases, oxidation and reduction, and nuclear chemistry. Applications of these topics to practical chemical analysis are discussed. *Co/Prerequisite: MATH 125 or MATH 132 with enrollment in the Pre-Health Certificate Program. Enrollment Requirement: CHEM 150 and CHEM 150L with a minimum grade of C (2.0).] May not be taken for credit by students who received credit for CHEM 250.*	**Catalog Description:** Introduces quantitative approaches to chemical equilibria and kinetics. Fundamental principles of thermodynamics introduced in CHEM 150 are explored in greater depth. Topics include solubility, acids and bases, oxidation and reduction, and nuclear chemistry. Applications of these topics to practical chemical analysis are discussed. *Co/Prerequisite: MATH 125 or MATH 132 with enrollment in the Pre-Health Certificate Program. Prerequisite: CHEM 150 and CHEM 150L with a minimum grade of C (2.0). May not be taken for credit by students who received credit for CHEM 250.*

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)
Lecture		
Activity		
Lab		

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Lecture		
Activity		
Lab		

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8. Grading Method:*
- ☐ Normal (N) *(Allows Letter Grade +/-, and Credit/No Credit)*
- ☐ Normal Plus Report-in-Progress (NP) *(Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)*
- ☐ Credit/No Credit Only (C)

Grading Method:*
- ☐ Normal (N) *(Allows Letter Grade +/-, and Credit/No Credit)*
- ☐ Normal Plus Report-in-Progress (NP) *(Allows Letter Grade +/-, Credit/No Credit, and Report-in-Progress)*
- ☐ Credit/No Credit Only (C)

*If Originator is uncertain of this entry, please consult with Program Director/Chair.

Trailer
RP
PS

CURRENT INFORMATION:	NEW INFORMATION:
☐ Credit/No Credit or Report-in-Progress Only (CP))	☐ 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? ☐ Yes ☐ No ☐ Faculty ☐ Credential Analyst ☐ Dean ☐ Program/Department/Director/Chair	**Course Requires Consent for Enrollment?** ☐ Yes ☐ No ☐ Faculty ☐ Credential Analyst ☐ Dean ☐ Program/Department/Director/Chair
11. Course Can be Taken for Credit More than Once? ☐Yes ☐ No If yes, how many times (including first offering)	**Course Can be Taken for Credit More than Once?** ☐Yes ☐ No If yes, how many times (including first offering)
12. Is Course Cross Listed: ☐ Yes ☐ No If yes, indicate which course	**Is Course Cross-listed?** ☐ Yes ☐ No If yes, indicate which course and check "yes" in item #17 below.
13. Prerequisite(s): Co/Prerequisite: MATH 125 or MATH 132 with enrollment in the Pre-Health Certificate Program. Enrollment Requirement: CHEM 150 and CHEM 150L with a minimum grade of C (2.0). May not be taken for credit by students who received credit for CHEM 250.	**Prerequisite(s):** Co/Prerequisite: MATH 125 or MATH 132 with enrollment in the Pre-Health Certificate Program. Prerequisite: CHEM 150 and CHEM 150L with a minimum grade of C (2.0). May not be taken for credit by students who received credit for CHEM 250.
14. Corequisite(s):	**Corequisite(s):**
15. Documentation attached: ☐ Syllabus ☐ Detailed Course Outline	

PROGRAM DIRECTOR/CHAIR - COLLEGE CURRICULUM COMMITTEE SECTION:
(Mandatory information – all items in this section must be completed.)

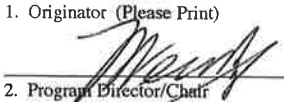
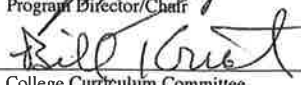
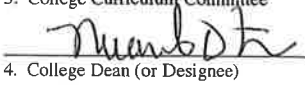
16. Does this course fulfill a requirement for any major (i.e. core course or elective for a major, majors in other departments, minors in other departments? ☒ **Yes** ☐ **No**
If yes, please specify:
Required for Chemistry major, Biochemistry major, Biology major, and Biotechnology major.

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.

Biology Discipline	 Signature	11/29/17 Date	X Support	____Oppose
____ Discipline	____ Signature	____ Date	____Support	____Oppose

18. Reason(s) for changing this course:
In the past, the posting of transfer credit at CSUSM was done very slowly, with the result that many transfer students could not clear the automated prerequisite checks to enroll in CHEM 160 if they had taken the equivalent of CHEM 150 at another institution. The "Enrollment Requirement" language avoided the automated prerequisite check. Now that CSUSM posts transfer credits promptly, we want to eliminate the "Enrollment Requirement" language so that the automated prerequisite check is performed on all CHEM 160 enrollments.

SIGNATURES : (COLLEGE LEVEL) :

Michael H. Schmidt 1. Originator (Please Print)	10/23/17 Date	5. UCC Committee Chair	Date
 2. Program Director/Chair	10/24/17 Date	6. Vice President for Academic Affairs (or Designee)	Date
 3. College Curriculum Committee	11/28/17 Date	7. President (or Designee)	Date
 4. College Dean (or Designee)	12/1/17 Date		