University of Hawaii Community Colleges
Proposal to Initiate, Modify or Delete a Course

1. Type of Action
   □ A. Addition □ Regular □ Experimental or □ Other (click and type to specify)
   □ B. Deletion
   □ C. Modification: □ in credits □ in title □ in number or alpha
   □ in prerequisites or corequisites □ Other-course description (click to specify)

2. New Alpha, Number and Title
3. Credits 3 credits

4. Old Alpha, Number and Title CHEM 162- General Chemistry II
5. Credits 3 credits

6. New Catalog Description

   Second course of a two-course sequence designed to meet the one-year General Chemistry requirement for pre-med, science and engineering majors. Topics include thermochemistry, kinetics, acid-base equilibrium, solubility equilibrium and electrochemistry. Emphasis on problem solving. Concurrent registration in CHEM 162L is required. (Offered spring semester only.

7. Select box and type specific information in text box.
   □ Prerequisites □ Corequisites or
   □ Recommended Preparation
   Prerequisite: A grade of "C" or better in Chem 161, credit or concurrent registration in Math 135, or Instructor's consent.
   Corequisite: Concurrent registration in Chem 162L.

8. Student Contact Hours Per Week
   Lecture 03
   Lecture/Lab
   Lab
   Other (click to specify)

9. Proposed Date of First Offering
   Semester Spring
   Year 2006

10. This course □ is proposed for the * Program. □ can fulfill Nat Sci: Physical If Other, specify

11. This course Makes No Difference in the number of credits required for the program/core.

12. Equivalent or similar courses offered in the UH System:

<table>
<thead>
<tr>
<th>Campus</th>
<th>Alpha, Number, Title</th>
<th>Campus</th>
<th>Alpha, Number, Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kapiolani</td>
<td>Chem 162, General Chemistry II</td>
<td>UHManoa</td>
<td>Chem 162, General Chemistry II</td>
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<tr>
<td>Honolulu</td>
<td>Chem 162, General Chemistry II</td>
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<tr>
<td>Leeward</td>
<td>Chem 162B, General Chemistry II</td>
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<tr>
<td>MauiCC</td>
<td>Chem 162, General Chemistry II</td>
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<tr>
<td>KauaiCC</td>
<td>Chem 162, General Chemistry II</td>
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13. This course is (check one and click in appropriate textbox and provide details):
   □ Already articulated with UHM
   Provide details of existing or desired articulation (date, college(s), purposes, pre-major, etc.) in this space:

   □ Appropriate for Articulation with
   Provide details of existing or desired articulation (date, colleges(s), purposes, pre-major or major, etc.) in this space:

   □ Not yet appropriate for Articulation.

14. Reason for Initiating, Modifying or Deleting Courses or Other Pertinent Comment:
   The current course description does not clearly indicate what it is intended for. Students complain it is ambiguous.

Requested by: Joseph E. Ciotti 2/17/05
Approved by: Jean Akiyama 3/8/05
Curriculum Committee Chairperson
Brett J. Weis 3-16-05
Faculty Senate Chairperson
Dean of Instruction 3/21/05

CCCM #6100 (Amended for WCC use October 2002)
University of Hawaii Community Colleges
Proposal to Initiate, Modify or Delete a Course

Provost

Date

CCCM #6100 (Amended for WCC use October 2002)
Levels of Review of Course Proposal at Windward Community College

Course Alpha, Number, and Title: Chem 162, General Chemistry II

<table>
<thead>
<tr>
<th>Signatures</th>
<th>Dates</th>
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</thead>
<tbody>
<tr>
<td>1. Department Area (more than one departmental instructor's signature required)</td>
<td>11/27/05</td>
</tr>
<tr>
<td>2. Department</td>
<td>1-27-05</td>
</tr>
<tr>
<td>Joseph E. Crotti</td>
<td>Department Chairperson</td>
</tr>
<tr>
<td>Was this course discussed in a department meeting?</td>
<td>Yes</td>
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<tr>
<td>3. Division</td>
<td>3/18/05</td>
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<tr>
<td>Elizabeth Aveline</td>
<td></td>
</tr>
<tr>
<td>4. Curriculum Committee Review</td>
<td></td>
</tr>
<tr>
<td>Approved</td>
<td>March 8, 2005</td>
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<tr>
<td>Disapproved</td>
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<td>Reason:</td>
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CCCCM #6100 (Amended for WCC use October 2002)
WCC Form for Course Modifications

Course Chem 162-General Chemistry II
Submitted by Leticia U. Colmenares, Ph.D.
Date January 26, 2005

1. What change is proposed in the course? Provide specific information comparing both the "new" and "old" course.

This is to request a change in course description for Chem 162.

Current Course Description: Basic principles of chemistry. Introduction to concepts including thermochemistry, kinetics, equilibrium. (Offered spring semester only.)

Proposed Course Description: Second course of a two-course sequence designed to meet the one-year General Chemistry requirement for pre-med, science and engineering majors. Topics include thermochemistry, kinetics, acid-base equilibrium, solubility equilibrium and electrochemistry. Emphasis on problem solving. Concurrent registration in CHEM 162L is required. (Offered spring semester only.)

2. What is the rationale for the change?

The current description does not clearly indicate what it is intended for. Students complain it is ambiguous.

3. Is the change substantive enough to require a change in course identification? If so, explain thoroughly.

No

4. Is the course articulated with any 4-year program? Yes

If yes, give details of the agreement(s) and explain any impact the proposed modifications may have on articulation.

No impact on articulation.

5. Provide details of any additional staff, equipment, facilities, library/media material, faculty preparation and other financial considerations that would be required to implement this course modification. What has been done to provide for these additional costs? Who will teach the course? Is additional preparation needed?

No additional $ involved.

6. Will this course modification result in any alterations in the number of hours required to attain a certificate or degree? * If yes, provide details and justification for these alterations.

No.

7. If the course is renumbered to 100 or above, does it meet the criteria for transfer level courses? (Go to next page for transfer course criteria.) *

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