UNIVERSITY OF HAWAII COMMUNITY COLLEGES
EXHIBIT II
PROPOSAL TO INITIATE, MODIFY OR DELETE A COURSE
(July 26, 1979)

TYPE OF ACTION (circle appropriate)
A. Addition
   1. Regular
   2. Experimental
   3. Other ______________________ (specify)
B. Deletion
C. Modification
   1. in credits
   2. in title
   3. in number or alpha
   4. in prerequisites
   5. Other ______________________ (specify)

2. NEW ALPHA, NUMBER AND TITLE
   CHEM 152 Survey of Organic and BioOrganic Chemistry

3. CREDITS

4. OLD ALPHA, NUMBER AND TITLE

5. CREDITS

6. NEW DESCRIPTION
   Structure, nomenclature, properties and reactions of organic compounds will be studied with
   emphasis on those compounds of practical importance in life science and related fields.

7. PREREQUISITES OR RECOMMENDED PREPARATION
   CHEM 151 or equivalent

8. STUDENT CONTACT HOURS PER WEEK
   3 Lecture
   Lab
   Other (specify)

9. PROPOSED DATE OF FIRST OFFERING
   Spring 1991

10. THIS COURSE IS (REQUIRED) ELECTIVE FOR THE A.A. PROGRAM

11. THIS COURSE (INCREASES) (DECREASES) (MAKES NO CHANGE) IN THE NUMBER OF CREDITS REQUIRED
    FOR THE PROGRAM.

12. SIMILAR COURSES OFFERED ELSEWHERE
    College(s):
    UH Manoa and Kapiolani C.C.

    Alpha, Number, Title:
    CHEM 152 Survey of Organic and BioOrganic Chemistry

13. THIS COURSE IS (ALREADY ARTICULATED) (APPROPRIATE FOR ARTICULATION)
    (NOT APPROPRIATE FOR ARTICULATION)

    PROVIDE DETAILS OF EXISTING OR DESIRED ARTICULATION (Date, college(s), purposes,
    pre-major or major, etc.):
    Desired to articulate with all other system colleges, particularly the U.H. and Kapiolani
    programs.

14. REASON FOR INITIATING, MODIFYING OR DELETING COURSE OR OTHER PERTINENT COMMENT:
    To help fulfill the goals stated in our E.D.R. of increasing offerings in the areas of nursing
    and life sciences. The course is a prerequisite for several U.H. courses and satisfies a
    requirement for the B.S. in nursing, B.S. in Animal Technology and the Certificate in
    Agronomy, Crops and Soils.

REQUESTED BY

APPROVED BY

PROVIDED BY

DEAN OF INSTRUCTION

PROVOST
UNIVERSITY OF HAWAII COMMUNITY COLLEGES
EXHIBIT II
PROPOSAL TO INITIATE, MODIFY OR DELETE A COURSE
CCCM #6100
(July 26, 1979)

TYPE OF ACTION (circle appropriate)
A. Addition
   1. Regular
   2. Experimental
   3. Other
B. Deletion
   4. in credits
   5. in title
   6. in number or alpha
   7. in prerequisites
   8. Other

NEW ALPHA, NUMBER AND TITLE
CHEM 152 Survey of Organic and BioOrganic Chemistry

OLD ALPHA, NUMBER AND TITLE

CREDITS
1. by __
2. in title
3. by __
4. in prerequisites
5. by __

NEW DESCRIPTION
Structure, nomenclature, properties and reactions of organic compounds will be studied with
emphasis on those compounds of practical importance in life science and related fields.

PREREQUISITES OR RECOMMENDED PREPARATION
CHEM 151 or equivalent

STUDENT CONTACT HOURS PER WEEK
3 Lecture Lab Other

PROPOSED DATE OF FIRST OFFERING
Spring 1991

THIS COURSE IS (REQUIRED ELECTIVE) FOR THE A.A. PROGRAM

THIS COURSE (INCREASES DECREASES) MAKES NO CHANGE IN THE NUMBER OF CREDITS REQUIRED FOR THE PROGRAM.

SIMILAR COURSES OFFERED ELSEWHERE
College(s):
UH Manoa and Kapiolani C.C.

THIS COURSE IS (ALREADY ARTICULATED APPROPRIATE FOR ARTICULATION)
( NOT APPROPRIATE FOR ARTICULATION)

PROVIDE DETAILS OF EXISTING OR DESIRED ARTICULATION (Date, college(s), purposes, pre-major or major, etc.):
Desired to articulate with all other system colleges, particularly the U.H. and Kapiolani nursing programs.

REASON FOR INITIATING, MODIFYING OR DELETING COURSE OR OTHER PERTINENT COMMENT:
To help fulfill the goals stated in our E.D.P. of increasing offerings in the areas of nursing and life sciences. The course is a prerequisite for several U.H. courses and satisfies a requirement for the B.S. in nursing, B.S. in Animal Technology and the Certificate in Agronomy, Crops and Soils.

REQUESTED BY

APPROVED BY

Dean of Instruction
Provost

CC 3/85
WCC FORM FOR NEW COURSE PROPOSALS

Course CHEM 152 Submitted by Dr. Clyde Noble Date 1/11/90

1. How is this course related to the educational needs and goals of the College/Department/Community as reflected in the EDP?

Expansion of science courses to increase offerings in the life sciences area.

2. Provide details of any additional staff, equipment, facilities, library/media material and other financial support that would be required to implement this course. (Include an estimate of the actual cost of supplies and equipment.) What has been done to provide for these additional costs for the proposed date of offering?

None

3. Is a similar course taught elsewhere in the UH system? Yes

If yes, provide details of how this course differs from existing similar courses.

Smaller classes

4. Is this course experimental and/or unique to Windward Community College? No

If yes, provide rationale and details of its impact on the College curriculum.

5. Is a similar course taught on the upper division level by a 4-year UH college? No

If yes, explain why this course is appropriate at the lower division or how it differs from its upper division counterpart.

6. Please attach a complete course outline. Your course outline should address all the items listed in the Guidelines for Course Outlines.

7. If this course is appropriate for transfer to a 4-year UH college, complete and attach WCC Form for Transfer Courses (blue).

WCC 3/85
WCC FORM FOR TRANSFER COURSES

(To be completed for articulation with any 4-year UH campus)

Course: CHEM 152
Submitted by: Dr. Clyde Noble
Date: 1/11/90

1. List the counterpart to this course on any 4-year UH campus. Describe the relationship between the course and any related baccalaureate program area.

   CHEM 152 at Manoa. Required for the B.S. in Nursing program, the B.S. in Animal Technology and the Certificate in Agronomy, Crops and Soils.

2. Is this course taught or accepted by major accredited colleges or universities?

   Yes

3. Please attach a complete course outline, if you have not done so already. Your course outline should address all the items listed in the Guidelines for Course Outlines.
Course Name: Survey of Organic and BioOrganic Chemistry.
Course Alpha: Chem 152
Course Code: 03
Catalog Description:
Structure, nomenclature, properties, and reactions of organic compounds will be studied with emphasis on those compounds of practical importance in the life sciences and related fields.

Requirements Course Satisfies:
At WCC. Meets AA degree science requirements
At UH Manoa. May meet science requirements.

Prerequisites: Successful completion of Chem 151 or equivalent

Recommended skills: Credit or registration in Math 100.

Reading level of text: 12th grade.

Activities required at other than regularly scheduled class time: None

Effective Date: Sept., 1991, until revised

A. Goals of the Course
1. To provide the student with a dynamic and conceptual view of organic compounds and their reactions;
2. To instill in the student the logical methods used in chemistry; and;
3. To make the student aware of the importance of organic compounds and their impact on their lives.

B. Objectives of the Course
1. The student will identify and apply the basic concepts, principles, and theories of organic chemistry by successfully completing homework assignments given periodically during the semester.
2. In order to clarify and evaluate the level of achievement during the semester, exams and weekly 10-minute quizzes will be given. The exams will be closed book and will last approximately 50 minutes. (See schedule for dates.) These exams will cover predominately the material presented in lecture since the previous exam.

3. The student will demonstrate the ability to synthesize and apply the basic chemical concepts, principles, and theories by his/her performance on a cumulative examination that will cover all of the objectives of this course.

C. Mode of Instruction

1. The lecture/discussion approach will be the primary mode of instruction in this course. However, there are a variety of audio-visual materials available for the students use. Some of this may be used as demonstrations or lecture material. Special problem solving and tutorial sessions may also be arranged to meet group or specific student needs.

2. Homework will not be corrected or graded unless the instructor feels it necessary to do so to insure that the homework is being done. Collecting and grading the homework on a "spot" basis would be one alternative. It is strongly suggested that the problem sets be attempted as we reach each particular subject in class. Quizzes and exams will usually contain homework problems or problems very similar to homework problems. It is also strongly recommended that the assigned chapter be read thoroughly before the instructor starts to lecture on that area or chapter. Quizzes cannot be made up so missed quizzes will count as a zero in calculating a quiz average. If six quizzes are given during the semester the lowest quiz grade will be dropped and if more than six are given the lowest two grades will be dropped. Missed exams must be made up as soon as possible at the instructor's convenience. It is expected that the student will contact the instructor as soon as possible concerning any missed exams to make these arrangements. Extra projects to make up for missed exams will not be allowed.
D. **Other Information**

1. **Course Schedule**—See attached sheet.
2. Exams cannot be retaken to obtain better grades.
3. Waiver of minimum levels of achievement are given only in unique situations at the instructors discretion. Make-up exams will be given for any absence and proof of illness or dire circumstances is not required. Make-up exams however, will not be identical to the original exam. Testing is done on the honor system and an "F" will be assigned to students involved in cheating systems.
4. Any class announcements pertaining to changes in schedule will be made at least a week prior to the affected date. However, the student is responsible for knowing these changes, whether or not the student is in class for the announcement.
SCHEDULE FOR CHEM 152, Spring, 1991

Instructor: Dr. C.S. Noble, Office: Iolani 106, ph.: 235-7321
Lectures: 6:00-7:15 PM, Mon. and Wed.

Method of Grading:
A raw score for each student will be calculated using the following contributions:

- Hour Exams (18% each) 36%
- Final Exam 36%
- Weekly Quiz Avg. 28%

The final grade will be assigned using a curve unless the standard curve (90-100%=A, etc.) is to the students' advantage. The final will be comprehensive and quizzes may not be made up. The two lowest quiz grades (zero for those missed) will be dropped in computing the average. Rescheduling a missed exam is to be done at the students' initiative and at the instructors' convenience. The make-up exam will be a different exam. The grades to be assigned are described in the current college catalog. The NC grade will be assigned only as part of the Cr/NC option except in very unusual circumstances.

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