ACADEMIC SENATE
Improvement of Instruction Committee

IMPROVEMENT OF INSTRUCTION PROJECTS

AND

DEPARTMENTAL IN-SERVICE TRAINING AND PROFESSIONAL DEVELOPMENT PROPOSAL

April 14, 1977
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<thead>
<tr>
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<td>Isidor Elias, Associate Professor, Physics</td>
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<td>Elida M. Flores, Instructor, English</td>
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<td>John P. Morrischon, Associate Professor, Graphics</td>
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<td>John T. Matsui, Instructor, Biology</td>
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<td>Robert J. Profant, Professor, Life Science</td>
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ACADEMIC SENATE
Improvement of Instruction Projects
Academic Year 1977-78
Project Descriptions

1

AN INSTRUCTIONAL VIDEOTAPE ON THE SBCC LIBRARY

M'Liss Garza

The SBCC library contains a wealth of materials. Many students, staff, and faculty are unaware of the rich variety of resources available to them in the library. To remedy this situation I propose to make a videotape highlighting the services, resources, and the mechanics of library operation.

2

MATHEMATICAL AID IN PHYSICS OF MUSIC COURSE

Isidor Elias

Self-instructional audio-tutorial material will be developed to help students in the Physics of Music class who are deficient in the use of logarithms. Mastery of this material is essential to fulfill the course objectives. The project to be developed will consist of cassette taped expository material with instructions to do necessary exercises in an accompanying workbook. The materials will be placed in the Learning Center for student use.
READING-WRITING DIAGNOSIS AND PRESCRIPTION

Elida Moreno-Flores

The reading-writing project is a highly individualized, diagnostic instructional program intended for students whose literacy and communicative skills fall below the seventh grade level. The goals for this project include the development of (1) a testing package that will identify students with the said deficiencies, that will yield each student's degree of proficiency in English reading and writing, and that will serve to measure each student's growth pre and post instruction; (2) instructional objectives and strategies which insure student growth; (3) sequenced materials that match the needs of the individual student.

GRAPHIC COMMUNICATIONS INSTRUCTIONAL MATERIALS

John P. Morrisohn

This project is designed to develop and/or purchase the software (slides-tapes, overhead transparencies, 8 mm film) needed for a personalized, self-paced instructional program in graphic communications. This software will relate directly to the programmed modules I am presently developing. Together the total project will promote the self-paced method for teaching practical graphic communications skills.
BILINGUAL - BIOLOGY CLASS

John Matsui
Cirenio Rodriguez
Susanne Medina-Nguyen

This project will be for the development of a Bilingual Biology 1 class developed for Limited and Non-English speaking students. To expose these students to the Biological Sciences, to improve the instruction of Biology 1 to serve LES-NES students, to facilitate the learning of Biological concepts for LES-NES students, to improve language skills of the LES-NES student, and to provide Bilingual instruction on the Biological concepts to teacher aides from local school districts.

PREPARATION OF A COMPUTERIZED BIOLOGY QUESTION POOL

Robert J. Profant
Richard A. Armstrong

The project is to 1) improve the existing pool of test questions, 2) prepare a new section for the pool consisting of completion, short answer and essay questions, 3) categorize the questions as to their behavioral objectives, and 4) select five hundred of these questions and have them computerized to form a pilot pool which can be studied, revised, and expanded.
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IMPROVEMENT OF INSTRUCTION
PROJECT GUIDELINES

The Improvement of Instruction Committee of the Academic Senate recommends to the Representative Council projects to be funded under Improvement of Instruction funds. These grants are to provide departments and programs with additional resources for projects to improve instructional effectiveness.

Applications should include:

a) A cover sheet as attached.

b) A one paragraph abstract of the project.

c) A narrative description of the project of not more than five pages outlining the project to be undertaken, its goals and objectives, the implications of the project for the improvement of the department's or program's instructional effectiveness, an evaluation procedure for determining the effectiveness of the project, and other aspects considered unique or significant in terms of improving teaching effectiveness.

d) A budget form as attached.

Priorities:

The Improvement of Instruction Committee will give priority to projects in the following order:

1. Projects using individualized or competency-based instruction.

2. Interdisciplinary courses or programs.

3. Other projects.

Criteria

The following criteria for funding Improvement of Instruction projects will be used.

1. Will the project significantly improve instruction? Does it require resources and/or effort -- of time and materials -- which go beyond normal expectations?

2. Is the project stated in clearly identifiable goals?
Criteria (continued)

3. Will the department or college be able to internalize the project as a regular part of the curriculum?

4. Benefits:
   a. What benefits will students receive from the project?
   b. How many students will be benefited?
   c. What benefits will the college receive from the project?
   d. What physical materials, if any, will be produced?
   e. How useful will this project be to other faculty?

5. Does the project attempt to improve instruction on an institutional basis?

6. Why should this project receive external funding? How does the cost of this project compare to other ways of achieving the same results?

7. Does the project have a realistic plan for evaluation?

8. How much time will be required to complete the project?

9. Will additional money be needed later for revisions or modifications?

Other Requirements

1. One paragraph abstract placed at the beginning of the proposal.

2. A plan for presentation of funded project to the faculty as soon as it is completed.

3. A budget narrative.

4. Faculty member must be willing to discuss the project proposal with the Improvement of Instruction Committee.

5. If the faculty member requests TLU's for the project, the class and the step must be included.

Deadline:

Ten copies of the proposal must be submitted to Guy Smith, Chairperson, Improvement of Instruction Committee by February 4, 1977.

Please feel free to address questions to the Committee at any stage during the preparation of your proposal.
BUDGET
IMPROVEMENT OF INSTRUCTION PROJECT

1. Certificated Personnel.............. $____________

2. Classified Personnel................ ____________

3. Instructional Supplies.............. ____________

4. Printing and Duplication........... ____________

5. Field Trip......................... ____________

6. Equipment............................ ____________

7. Other Operating Expenses......... ____________

8. Travel and Conference.............. ____________

9. In-Service Education.............. ____________

10. Film Rental......................... ____________

Total Requested $____________
IMPROVEMENT OF INSTRUCTION PROJECT
COVER SHEET

I. Faculty members to be actively involved in project:
   Name:          Department:         Phone:

II. Brief title of Project:

III. Brief summary of the project, including goals to be met:

IV. Signatures of those faculty participating: