CALIFORNIA COMMUNITY COLLEGES
AND
FOOTHILL --- DE ANZA
COMMUNITY COLLEGE DISTRICT

#91-0005
California Community Colleges
Curriculum and Instructional Resources Division

<table>
<thead>
<tr>
<th>FISCAL YEAR</th>
<th>ID NUMBER</th>
<th>COLLEGE</th>
<th>DISTRICT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1991-92</td>
<td>91-0005</td>
<td>De Anza</td>
<td>Foothill-DeAnza</td>
</tr>
</tbody>
</table>

**PROJECT TITLE**

**Nursing Skills Assessment Video Tapes**

<table>
<thead>
<tr>
<th>FUNDING CATEGORY &amp; AWARD</th>
<th>ELIGIBLE PROGRAM</th>
<th>PROJECT CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grant = $14,625</td>
<td>E --- Improvement of Trad. Instruction Prog.</td>
<td>Developmental Model</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROJECT PRODUCT</th>
<th>PROJECT TOPIC #1</th>
<th>PROJECT TOPIC #2</th>
<th>ACADEMIC SUBJECT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Video Tapes</td>
<td>Vocational Education</td>
<td></td>
<td>Nursing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROJECT DIRECTOR</th>
<th>PROJECT SUPERVISOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fay O’Brien, Executive Head Allied Health/Nursing</td>
<td>David Barney, Asso Dean Telecommunications</td>
</tr>
</tbody>
</table>

**PROPOSAL DESCRIPTION**

In order to address curricular format changes in the AND program at DeAnza College, faculty identified a need for additional multi-media to support student learning. This project provided funding to produce five short videotapes that teach basic nursing assessment skills.:
Nursing Skills Assessment Videotapes

This proposal is to produce a series of five videotapes that teach basic nursing assessment skills:

- Peripheral Pulses
- Blood Pressure
- Breath Sounds
- Heart Sounds
- Bowel Sounds

Proposal Components

- Educational program/services
  - This project will serve primarily the Associate Degree in Nursing program.
- Specific problems
  - Lack of consistent implementation of patient assessment skills.
  - Wide range of student abilities and needs.
  - Lack of existing motion, live action tapes.
- Populations served
  - Students in nursing program at De Anza; 21% minority; 11% male.
  - Students in ancillary health instructional programs
- Proposal objectives
  - Production of 5 ten-minute or less videotapes on assessment skills
- Work statement
  - 11-step process for each tape completed in 91-92
- Expected outcomes
  - Five usable videotapes for ourselves and others
- Evaluation plan
  - Three part evaluation plan at scripting, editing, and usage stages
- Dissemination plan
  - Initially De Anza College only, then to the rest of the state
- Project Budget
  - Due to partial underwriting by College, total budget under $15,000.
Nursing Skills Assessment Videotapes

1. Specific Educational Program Being Addressed

Specific educational program/services.
This project will serve primarily the Associate Degree in Nursing Program. The nursing program has been in existence in the district for over 30 years. In response to identified needs, the nursing department has moved from a short modular curriculum to a quarter-long course curriculum. During this transition, the faculty identified the inadequacy of our multi-media holdings as a major problem needing immediate attention. The college and state funds have helped the nursing faculty begin to address this problem. The students in the program come from diverse ethnic, cultural and socioeconomic backgrounds. The generic nursing department consists of 10 FTE’s. Over 20 nursing instructors are employed part-time in related nursing and health courses. Each year the college enrolls 66 entry-level nursing students as well as advanced placement students and foreign graduates, which vary in number up to 15. The program is comprehensive and has affiliations with five acute care hospitals and one extended care facility to provide the required clinical experiences for students. These facilities represent public, private, federal, nonprofit and proprietary institutions to give the students the widest range of experiences possible. The college is developing a nursing lab that will house various types of multi-media instructional aids. The college already has three "Info-Window" systems that are used for individualized and large group instruction in areas such as therapeutic communications and medical/surgical patient care simulations. The nursing department has necessary video equipment in the form of video players and monitors available to support this project. In addition, the College operates an Open Media Lab where students and/or faculty can request group or individual viewing of video material and computer lab space. The College operates a 12-channel campus cable system and has A/V support for individual classrooms. The College has a fully equipped television center, which is able to produce high-quality videotapes for instructional support.
2. Specific Problems Being Addressed

Specific problems addressed.

The nursing department has a new curriculum and five new faculty. The faculty have identified the lack of consistency in teaching assessment skills as a major problem. Instruction varies from faculty member to faculty member. The tapes will provide a consistency of approach and content.

Students do not always demonstrate retention of prior learning of assessment skills and review material is not available.

Students with limited English speaking skills are particularly unable to internalize the instruction presented with a limited visualization.

The existing still picture film strips are inadequate. Concurrent motion, talking, and sounds are educationally important for the presentation and learning of these skills.

The nursing department needs to increase its video holdings for use in individualized study in the Open Media Lab and Nursing Lab.

The nursing department has looked without success for commercially produced videotapes and has been unable to locate any in this format.

In the past it has been difficult to have a live model available for every class section. As a result students are presented only with the concepts and limited visualization of the procedure.
3. Population To Be Served

Populations to be served.

Nursing students at De Anza range in age from 19 to 60+. The generic nursing program serves 130 students per quarter, 21% are students of color and 11% are male. Students who are hearing impaired and who have some degree of limited mobility are also enrolled. Other students with particular needs are those who have been diagnosed as dyslexic. Many dyslexic students need consistent, repetitive visual learning experiences to grasp the material. Other populations to be served include 50 students in Refresher Nursing, 150 in Critical Care Nursing, and 200 in Continuing Nursing Education per year.
4. Objectives

Proposal objectives.

This project will result in the production of five 10-minute or less videotapes. The videotapes will be used for primary teaching in a minimum of two courses (NURS 69K and NURS 70H) per quarter in the generic program. Copies of the videotapes will be placed in the nursing lab as well as the college open media lab for independent study and review by other students in the nursing program.
5. Workplan Narrative

Work Statement.
The videotapes will be completed during the 91-92 academic year. The project objectives will be the same for each videotape and will consist of 11 steps: script research, script writing, evaluation of script, production, editing, evaluation of completed program, duplication, distribution in house, use, evaluation and duplication for others' use. The budget amounts are similar for each videotape and are discussed on the appropriate sheets.
6. Expected Outcomes

Expected Outcomes.
The expected outcome is a usable product for ourselves and others to improve assessment skills. The impact of the project will be improved patient care through implementation of assessment skills at all levels of the nursing program. There will be no need for further support of the project after its completion. The videotape series will be made available to other institutions with nursing programs or appropriate allied health programs. In addition, the series will be used at De Anza beyond the Associate Degree in Nursing Program in such areas as Refresher Nurse, Critical Care Nurse, Continuing Education and Medical Assisting.
7. Evaluation Plan

Evaluation Plan.

There are three phases of evaluation for this project. At the first, the script will be evaluated by at least two faculty members in the nursing program. The script will also be evaluated by the dean of telecommunications and the producer for De Anza. After rough editing, each tape will be evaluated by faculty and students in appropriate classes. After use in the generic nursing program the value of the series will be evaluated by students and faculty at all levels of nursing instruction.
8. Dissemination Plan

Dissemination Plan.

The series will be used initially at DeAnza College. As the series is evaluated, the Chancellor's Office in Sacramento and other nursing programs will be contacted, using the mailing list of the Organization of Associate Degree Nursing Program Directors of California. The series will be made available at a low price to other institutions desiring it.
The total budget for the project is $50850. We are asking for $14,625 from grant monies. The remainder, $36225., is contributed by De Anza College.