CALIFORNIA COMMUNITY COLLEGES
AND
SAN MATEO COUNTY
COMMUNITY COLLEGE DISTRICT

#88-0520
## Computer Assisted Developmental Writing

<table>
<thead>
<tr>
<th>FUNDING CATEGORY &amp; AWARD</th>
<th>ELIGIBLE PROGRAM</th>
<th>PROJECT CATEGORY</th>
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<tbody>
<tr>
<td>Grant = $12,000</td>
<td>C --- Special Learning Needs Ed/Dis</td>
<td>Curriculum Design</td>
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<tr>
<th>PROJECT PRODUCT</th>
<th>PROJECT TOPIC #1</th>
<th>PROJECT TOPIC #2</th>
<th>ACADEMIC SUBJECT</th>
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<td>Computer Programs</td>
<td>Curriculum Develop</td>
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**PROPOSAL DESCRIPTION**

The purpose of this project is to design and implement computer assisted instructional (CAI) modules for a developmental writing course which is taught to students with specific learning disabilities.
Computer-Assisted Developmental Writing

The need for effective instructional program in the area of writing has never been greater. For many students, the motivation to write has been weakened, if not killed, by traditional instruction. The potential benefits of using micro-computers to improve both the instruction of writing and students’ writing skills are well documented. The purpose of this project is to design and implement computer-assisted instruction (CAI) modules for a developmental writing course which is taught to students with specific learning disabilities. The project will also result in the development of an instructor’s guide. The specific objectives of the project are as follows:

- to develop computer-assisted modules for the teaching of writing
- to develop student materials for all modules, including computer operating instructions, self-paced sequential lessons, and accompanying exercises
- to develop pre and post-tests measuring student attitudes, self-esteem, and writing skills
- to write an instructor’s guide for the modules and the curriculum
- to compile an evaluative report for dissemination of information regarding project results.

A total of $24,154 is being requested to carry out the project. A sample of 50 students with identified learning disabilities will be selected to receive instruction using the materials and methods developed.

Four CAI modules will be developed covering the following domains of writing --- sensory/descriptive, narrative, practical/informative, and analytical/expository. Specific student materials, lessons, and problems will be developed for each module. Assessment instruments will be developed to pre- and post-test students’ writing skills, attitudes toward writing and self-esteem. All materials will be field tested and evaluated for effectiveness. An instructor’s guide detailing the philosophy of the project, instructional strategies/methods, materials and assessment will we written. The final report of the project will include summaries of this information as well as student outcomes and evaluation results.

The project will be evaluated by a team consisting of the Project Director, the Language Arts/Learning Resources Division Director, the Learning Specialist, and the learning Center Coordinator. Assessment and evaluation methods will be developed with the assistance of a consultant. Information regarding the project will be sent to ERIC for inclusion in the database.
Actual project materials will be made available to the field upon request. Where possible, project results will be presented at appropriate professional meetings, workshops, and conferences.

In order to remain competitive in increasingly more efficient world markets, it is incumbent upon business and industry to have a pool of workers who have the ability to use communication skills effectively, to synthesize information through writing, to draw conclusions, and make inferences, to problem solve, and to work in decision-making teams. It is the challenge of all educational institutions to provide this “literate” pool of future workers.
Computer-Assisted Developmental Writing

1. Specific Educational Program Being Addressed
2. Specific Problems Being Addressed
3. Population To Be Served
4. Objectives
5. Workplan Narrative
6. Expected Outcomes
7. Evaluation Plan
8. Dissemination Plan
9. Budget Narrative