CALIFORNIA COMMUNITY COLLEGES
AND
BUTTE
COMMUNITY COLLEGE DISTRICT

#92-0001
## 92-0001 --- FII --- SUMMARY

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>1992-93</td>
<td>92-0001</td>
<td>Butte College</td>
<td>Butte</td>
</tr>
</tbody>
</table>

### PROJECT TITLE

**Improving High School to College Transition Rates Through Partnership Nontraditional Programs and Services**

<table>
<thead>
<tr>
<th>FUNDING CATEGORY &amp; AWARD</th>
<th>ELIGIBLE PROGRAM</th>
<th>PROJECT CATEGORY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Loan = $128,705</td>
<td>D --- Ed Services For New Clientele</td>
<td>Implementation 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>Resource Materials</td>
<td>Matriculation</td>
<td>Inter-Disciplinary</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PROJECT DIRECTOR</th>
<th>PROJECT SUPERVISOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bob Ellsworth, Director of Media Services</td>
<td>Brian Haley, Director of Library</td>
</tr>
</tbody>
</table>

### PROPOSAL DESCRIPTION

This proposal is a loan request. The purpose of this proposal is to improve the ability of Butte Community College to meet the college matriculation needs of students enrolled in the eleven high schools located within its 2,990 square mile service area.

Butte College is requesting $128,705 from the loan section of the FII to purchase computer software, ITFS, video, and fax telephone equipment to link instructional and counseling services with participating high schools. This system will create a live video and visual communication link between the college and secondary school students providing instruction, financial aid and academic counseling to encourage and prepare students to enter college with the requisite skill levels to insure success.

This is a consortium project.
Improving High School to College Transition Rates Through Partnership Non Traditional Programs and Services

The purpose of this proposal is to improve the ability of Butte Community College to meet the college matriculation needs of students enrolled in the eleven high schools located within its 2,990 square mile service area.

The travel distance between the College and the secondary schools in Butte and Glenn Counties is a major handicap in the College’s attempt to forge strong academic partnerships which can provide scholastic and counseling services to secondary students: especially those who do not comprehend the necessity of continuing their education beyond high school.

Butte College is requesting $128,705 from the loon section of the Fund for Instructional Improvement to purchase computer software, ITFS, video, and fax-telephone equipment to link its instructional and counseling services with participating high schools.

This system will create a live audio and visual communication link between the College and secondary students providing instruction, financial aid and academic counseling to encourage and prepare students to enter college with the requisite skill levels to insure success.

The project will focus on three primary goals as outlined in the Board of Governors’ 1991-92 Basic Agenda Focus:

1. Recruitment: There will be a substantial increase in the number of high school graduates who enroll in college.

2. Matriculation: There will be an increase in the number of high school students who begin the college matriculation Process while still in high school.

3. “TECH-PREP”: This project will provide training to high school students in basic, technical, thinking and personal skills. The program addresses weaknesses in current educational programs in preparing students for the twenty-first century workplace.
Improving High School to College Transition Rates Through Partnership Non Traditional Programs and Services

1. Specific Educational Program Being Addressed

This proposal meets the requirements of Title 5 of the California Code of Regulations, "Eligible Programs and Services:"

1. Education services for new clientele: This proposal is directed to unmotivated and under-prepared area high school students who might not continue their education at the college level.

2. Nontraditional forms of instruction: The project will use a nontraditional combination of forms of instruction through the use of television, telephone fax, computer automation, and computer menu-driven software.

3. Improving teaching abilities of faculty members: Butte College faculty teaching on behalf of the partnership program will be provided with staff development training to maximize their understanding of television and computer technologies in distant learning.

This project also meets three requirements of the Board of Governors 1991-92 Basic Agenda Focus:

1. Recruitment: Through the efforts of the "2+2" Partnership program, supported by this proposed project, there will be a substantial increase in number of high school graduates who enroll in College.

2. Matriculation: This proposal, when implemented, will substantially increase the number of high school students who begin the College matriculation process while still in high school.

3. Tech-Prep: This project will provide training to high school students in basic skills, technical skills, and thinking and personal skills. The program addresses weaknesses in our current educational programs in preparing students to be successful in the twenty-first century workplace.
2. Specific Problems Being Addressed

By virtue of its mission and location in the cultural, political and economic fabric of the counties it serves, Butte College has chosen as a goal to assist secondary schools in Butte and Glenn counties in being more successful with their students. The result has been the development of the "2+2" college-secondary school partnership program.

The College is making a concerted effort to understand the goals and problems of the secondary schools and to determine how it may help:

1. motivate high school students to stay in school
2. encourage greater numbers of high school students to consider college as a logical and valuable next step
3. make sure high school students are taking courses and acquiring the skills necessary for success in college
4. increase the number and proportion of local high school students enrolling in college.

The Partnership deals directly with encouraging the matriculation of high school students to Butte College as a natural continuation of their education. It provides for "Tech-Prep" training and entry into college level course work.

This proposed project solicits $128,705 from the loan category of the Fund for Instructional Improvement to address the pre-college needs of students enrolled in area high schools. The funds are to be used for the purchase of equipment required to implement the project. Matching funds from Butte College will provide the remaining needed resources.

Butte Community College serves Butte and Glenn Counties, a rural area of 2,990 square miles. The distances from the Butte Campus to the eleven secondary schools located in the area creates a significant impediment for each high school to have an equal opportunity to participate in the "2+2" Partnership program. The College needs to develop a communications network that overcomes the distance problem and insures equal access to educational support services available from the College.

Many universities and colleges are extending their programs to distant learners through ITFS. Stanford University has been serving the high-technology areas of Santa Clara and San Mateo Counties since the 1960's. Oklahoma State University is offering television/computer supported distant learning through its Arts and Sciences Teleconferencing Service (ASTS) to distant learners including courses in German, Russian, Physics, Chemistry, Calculus,
Trigonometry, Geometry, Economics and American Government. ASTS has now been extended by satellite to students at numerous sites across the country.

This proposed project will take advantage of the Stanford and Oklahoma State University models in providing instruction over television. This project will in addition utilize telephone technology supported by menu driven computer software and computer interfaces for automation. These technologies will comprise a fully integrated system that is user-directed and will uniquely provide the following functions and services:

1. A computer response system will allow high school students and staff access to information supporting the "2+2" Partnership program including student job opportunities, class schedules, bus schedules and career planning. The automated system will permit students to access a college counselor, video programming, and advice on financial aid or course information.

2. Live will be broadcast from the College's main campus to local area high schools. Courses will be chosen by the partnership participants based on the needs of high school students desiring to meet college entry level requirements for English, History, Mathematics, Science, Geography and a variety of vocational programs. This advanced preparation for college level work will reduce student stress in transitioning from high school to college and permit them to complete their college education more rapidly.
3. Population To Be Served

Occupations in the twenty-first century will require approximately fifty percent of the workforce to have a post-secondary education, but not a Bachelor's Degree. The specific population served by this proposal are high school students who are unlikely to continue their education at the community college level.

It is hypothesized that distance from a college campus, exposure to career options, adequate preparation for college level work, knowledge of financial aid, information on transportation and personal counseling are all contributing factors in whether or not a student attends college. This project deals with each of these "college readiness" issues within the target population.

CONSIDERATION OF OTHER OPTIONS
Due to financial constraints, the eleven high schools cannot each maintain a staff of qualified teachers to teach the wide variety of courses to meet the diverse needs of high school students in planning careers. Butte College has the required diverse faculty. This project shares this resource with the high schools through a centralized telecommunications network.

Area high schools no longer send their students to the College for "Career Day." Financial restrictions limit visits to the eleven high schools by College counselors, career planning personnel and vocational faculty. This project will allow each high school student enrolled in the program easy access to career planning information.
4. Objectives

The goal of this project is to enhance communications and educational services in support of the "2+2" Partnership goals. The specific objectives of this project are:

1. Over a one year pilot period and, by 9/30/93, the percentage of students who transfer from a participating high school to college will increase by 10 percent.

2. Over the one year test period and by 12/31/93, 75% of those students entering the college matriculating process while in high school will enroll in college during the following college year.
5. Workplan Narrative

The project will be initiated when funding is authorized and will be completed as follows:

1. The members of the "2+2" Partnership Council will reaffirm their commitment to the project. They will clarify locations for all equipment to be installed and establish a coordinating committee to identify subject area needs and select courses and required career planning materials. The committee will also establish needed faculty training, counseling access and other support services.

2. The College will sign the grant agreement and will proceed with the implementation of the project. It will initiate the bidding process for equipment and system installation. The College will oversee all installation and complete the system for startup operations.

3. The "2+2" Partnership Council will modify and approve the recommendations of the appointed committee and will formulate policies and regulations to govern the scope, content and general operations of the project. A promotional brochure will be designed and released to the high schools to inform students and staff of the available services and how to enter the program. The first progress report will be filed with the Fund for Instructional Improvement office on the required date.

4. The College and participating high schools will implement the project as directed. They will purchase instructional support materials, establish course schedules, assign proctors and faculty, set broadcast schedules and make other arrangement to launch the one-year pilot period beginning on January 3, 1993. On December 31, 1992, a report will be filed with the Fund for Instructional Improvement Office indicating the project is ready to begin the one-year test period.

5. The project will proceed with the one-year test period. All elements of the project will be initiated, including broadcasting live courses, providing counseling services, and supplying critical information relating to transportation financial aide, and career planning. Statistical data will be collected on students participation in the project. An in-progress report will be filed with the Fund for Instructional Improvement on March 31, 1993.

6. At the completion of the school year, all data will be collected and submitted to the "2+2" Partnership. The "2+2" Partnership Council will prepare a status report on the positive and negative effects of the project. It will then make recommendations to the Coordinating Committee for changes in the project for the following school year. The College will submit a final expenditure statement to the Fund for Instructional Improvement on July 31, 1993.
7. In October, 1993 the College will collect college enrollment data for all students participating in the project to determine transition of participating high school students to Butte College as well to other colleges. A final report will be disseminated to high schools, colleges and others as required by the Fund for Instructional Improvement on December 1, 1993.

With a favorable final report, the College will continue to operate the educational services program in support of the College-secondary school "2+2" Partnership.
6. Expected Outcomes

ITFS television with telephone and computer support will provide a valuable network for continuous communications within the "2+2" Partnership.

Network programming, designed to serve the "college "readiness" needs of high school students, will establish within the student a greater expectation to enroll in college.

After a statistical analysis of the "test year," the College and the participating high schools will amend the program and provide financial support for continuing the project for the second year. Given a successful second year, the College will include the project in continuing District operations.

All or portions of this project may be used by other districts in the California Community College system. Preparing high school students for entering college is a continuing issue. Butte College will disseminate the results of this project to all Districts through workshops and a comprehensive report. The report will be mailed to all community college presidents and others as required by the Fund for Instructional Improvement.

The comprehensive report will describe the design of the project, organization, policy and regulations, the communications infrastructure, the curricula, supporting materials, staff assignments, staff development, and project evaluation. The report will also include any promotional brochures used in the project and a complete copy of the final statistical report.
Each member of the established coordinating committee representing the College and the participating high schools will submit a monthly progress report on the project, including recommendations for improvement and all successes and failures. Each report will be formulated for transferral to a system-wide monthly report that will be circulated to all members of the coordinating committee and the "2+2" Partnership.

The final project evaluation will include a detailed report on each work objective and all associated activities. All problems encountered along with resolutions for each will be itemized. Each resolution will be delineated in detail as to methodology and appropriateness. Key examples will be given to illustrate successes and failures.

In the final analysis, the project will be evaluated as to the appropriateness of the original design and its ultimate effectiveness in meeting the objectives. A detailed listing of recommendations will be presented for future designs as well as to amend the present project for continued implementation by the "2+2" Partnership.
8. Dissemination Plan

The products of the project shall consist of:

1. a promotional brochure used by high school teachers and counselors to recruit high school students into the project.
2. a final report comprised of a project description, methodology, outcome, evaluation, and a statistical results addendum.
3. a brochure announcing a staff development workshop, reporting on the project, to be presented at the College or other convenient location during January, 1994.

These products will be disseminated by mail on December 1, 1993 to:

1. the Chancellor's Office, California Community Colleges (five copies of the final report, and four sets of the promotional brochure and workshop announcement)
2. California Community College Chief Executive Officers (one set to each)
3. Chief Instructional Officers of each community college (one set to each)
4. Chief Student Services Officers (one set to each)
5. Academic Senate Presidents (one set to each)
6. all area high schools principals participating in the project (one set to each)

The evaluation of the dissemination will include the number of telephone inquires relative to the project and the number of enrollees in the 1994 January staff development workshop to be held at the College or other location recommended by the Fund for Instructional Improvement. The workshop will discuss and evaluate the design, successes and failures of the project with specific recommendations for the future.
This proposal requests $123,681 from the loan category of the Fund for Instructional improvement. These funds will be used for equipment purchases only.

$74,407 of the amount requested is to purchase the equipment comprising the 2-channel ITFS system. The District presently has no other funding source it can use for this purpose. The granting of the FCC license to operate the two channels is contingent upon funding being available and the system being fully operational by April, 1993.

Matching funds provided by the College will be in the expenditure categories of 1) instructional media programming, 2) some equipment and materials expense and 3) labor expenses associated with assessment installation.

The design of the communications network facilitates the normal College functions of recruiting, matriculation career planning and course instruction. No new staffing is anticipated. Any task assignments to existing College or high school staff members will be considered as indirect costs and will be assimilated within the College or high school existing budgets.

All College faculty teaching "live" college entry level classes in support of the project shall be funded the same as in teaching any other College course. No line item is included in the attached budget for this purpose.

The total in matching funds in this proposal equals 16% of the total requested.

All eleven high schools will actively participate in the "2+2" Partnership and in the administration of the project. However, during the pilot year, only Chico High School, Gridley High School and Pleasant Valley High School will be actively enrolling students and measuring the success of the project. It is anticipated, given a positive outcome, the remaining eight high schools will enroll students in the program.