

CALIFORNIA COMMUNITY COLLEGES

1107 NINTH STREET
SACRAMENTO, CALIFORNIA 95814
(916) 445-9782 445-7911



October 22, 1985

TO: Superintendents/Presidents
FROM: District Chief Business Officers

JPK
Joseph P. Keating
Assistant Chancellor
Administration and Finance

SUBJECT: ELIMINATION OF THE .911 ABSENCE FACTOR

The implementation of the regulation for the elimination of the .911 factor has been delayed and will not receive the approval of the Director of the State Department of Finance at this time. In conformance with the Governor's veto message of last June 28, (copy attached), the Director has indicated that he is unwilling to consider the change until the review and report of the Master Plan Review Commission has been completed. You should therefore disregard the information which was sent to you in my memo of October 3. Average Daily Attendance must continue to be discounted, at the present item, based on an assumed absentee rate of 8.89%.

We will continue to work toward the objective of eliminating the absence penalty. However, districts should not anticipate that subsequent approval will be obtained and should definitely not adjust course offerings based on the greater flexibility in generating ADA that was anticipated with the change.

As you know, the Board of Governor's action to approve the change was based on the understanding that the Director of Finance had given his conditional approval on March 7 (letter attached). The condition expressed in that letter was that it be clearly understood that "such a change would not result in additional resources being allocated to the system". In light of the fact that the Governor vetoed the additional funds that were intended to support the elimination of the factor and since we were not requesting additional funds for this purpose in either 1985-86 or in the budget for 1986-87, it was our understanding that the condition placed on the Director of Finance's approval was met. However, the Department of Finance staff have expressed a concern regarding the possibility of fiscal consequences in subsequent years. In addition, the Governor's message in his veto of funds to support the elimination of the absence factor is interpreted by the Department of Finance to preclude them from considering the .911 factor, regardless of fiscal consequence, until the Master Plan Review Commission has completed its work.

Attachments

cc: Joshua L. Smith
Gus Guichard
Registrars and Admissions Officers
Directors of Data Processing

State of California

M E M O R A N D U M

Date: **OCT 22 1985**

To: Joshua L. Smith, Chancellor
California Community Colleges
1107 Ninth Street
Sacramento, California 95814

From: Department of Finance

Subject: Regulation Change for Elimination of Attendance Factor

It came as a surprise to the Department of Finance (DOF) that the Board of Governors had "adopted" a change to modify existing regulations regarding the 0.911 attendance factor. My staff heard of this last week when they were attending the Community College's Business Officers Meeting in Claremont.

There seems to be a misunderstanding of a March 7, 1985, memo of mine to former Chancellor Hayward and of a Governor's veto action, a lost letter from Chancellor Hayward to me regarding his intention to ask the Board of Governors to take this action at the September 12-13 meeting, and a possible oversight as to what constitutes approval.

I am sure you are aware that Chancellor Hayward asked for our approval of such a change on February 14, 1985. My March 7, 1985, letter did not contain an approval. The paragraph that seems to have been misunderstood by the Chancellor's Office states that: "However, DOF would have no objection to the elimination of the 0.911 factor or a change to an FTE-based enrollment measure provided that it is clearly understood that such a change would not result in additional resources being allocated to the system."

This paragraph does not limit the concern to the fiscal effects that might occur in 1985-86, as stated in Board Agend Item. Chancellor's Office Staff are well aware that one cannot look at just the first year impact of a change or a new program, and that one of DOF's concerns is always what the change does over time.

Further, the Governor's veto message for Item 6870-101-001 stated that he was unwilling to commit funds for the elimination of the 0.911 factor on an ongoing basis, and that any such change should take place only in the context of a change in the funding.

mechanism and recommendations from the Commission for the Review of the Master Plan on the prioritization of the mission of the colleges.

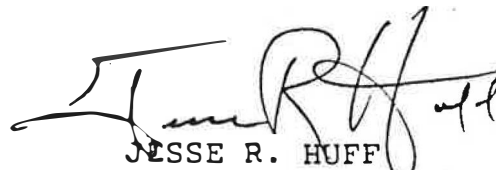
We have just received a copy of Chancellor Hayward's letter to me, dated August 30, 1985, stating his intention that the Board Agenda for the meeting on September 12-13 was going to include the amendment of the absence factor for possible action. The thought was good, it is unfortunate that the letter was not received, nor the "cc" to the staff, as this misunderstanding could have been avoided.

Chancellor Hayward and the Chancellor's Office staff should have been concerned when there was no response from DOF. There are only a few DOF approvals in law and practice which occur in the absence of a positive response.

Realizing that misunderstandings can happen and much of this is history, please understand that DOF has not approved the elimination of the .911 factor as required by Education Code Section 84520 and as proposed in the regulation change to Section 58003 of Title V. We understand that, fortuitously, this regulation change has not yet been filed with the Office of Administrative Law.

Should you want to explore this on a preliminary basis before the Master Plan Review Commission makes its recommendations and a new funding law is deliberated, we would need a more thorough analysis of the multi-year fiscal effects of such a change, and for other such relevant aspects as to the details of how and when such a change would be made, what disequalizing effects, if any, there might be, whether and how it would change the allocation apportionment funds within the system, and when funded or unfunded ADA bases would be used.

If you have any questions or need any additional information regarding this matter, please call Carl Rogers, Principal Program Budget Analyst, telephone (916) 445-0328.


JESSE R. HUFF
Director of Finance

Memorandum

Date : MAR 7 1985

To Gerald C. Hayward, Chancellor
California Community Colleges
1107 9th Street, 4th Floor
Sacramento, CA 95814

From Department of Finance
DIRECTOR'S OFFICE

Subject: Request for Department of Finance Approval of Proposed Regulation Change for Elimination of Attendance Factor

The Department of Finance (DOF) has reviewed the Board of Governors' request for approval of the proposed regulation change to eliminate the .911 attendance factor.

After reviewing the details of the request, we can find no compelling reason to approve the change. We are unable to ascertain any correlation between the factor and the current financial situation facing some districts. With or without the .911 factor, districts would be confronted with a loss of ADA and revenue and, therefore, would be in the same relative financial position.

However, DOF would have no objection to the elimination of the .911 factor or a change to an FTE-based enrollment measure provided that it is clearly understood that such a change would not result in additional resources being allocated to the system.

Notwithstanding the .911 issue, the funding proposed in the 1985-86 Budget meets the requirements of the law. In fact, by providing a one-time allocation of \$31.7 million above these obligations, the Budget does recognize the current financial situation of the districts most seriously affected by the loss of ADA.

If you have any questions or comments, please contact Robert L. Harris at (916) 445-0328.



JESSE R. HUFF
Director of Finance

E:0096P/2359N1

Governor's Veto Message
Regarding Community College Apportionment Funding
(emphasis added)

I am reducing the community college apportionment program by \$45,946,000. The Legislature has indicated in this budget that it is willing to commit \$61.5 million on an ongoing basis to community colleges by funding the elimination of the .911 attendance factor with an additional \$16,600,000 for a one percent make-up COLA. I am not prepared to make such a major commitment of future General Fund resources. Any such change should take place only in the context of a change in the funding mechanism and recommendations from the Commission for the Review of the Master Plan on the prioritization of the mission of the colleges.

SANTA BARBARA CITY COLLEGE

MARINE TECHNOLOGY DEPARTMENT

TO: College Planning Committee

FROM: Gerald L. Clouser

SUBJECT: Replacement of personnel

DATE: Nov.1, 1985

1. Last year the Marine Tech Department had 4 instructors, this year we have two. In June Bob Christensen retired and Greg Bryant resigned to go into the professional sector. This leaves only Mike Von Alvensleben and myself to carry the full load of the program. We have been able to manage this semester only because of a major change in the structure of the Marine Technology Program. If we should have to continue to teach the program with only two instructors, it would require a large overload in the spring semester. In the fall of 86 the overload will be even greater. If we don't hire an instructor, we will be forced to drop classes which are part of the students' major requirements. The attached pages show the TLU requirements of the department.

Options are:

- A. To hire a temporary contract replacement would be very difficult. I feel we will not be able to bring someone into the Santa Barbara area with the expertise we are looking for and ask him to work for less, and then to do it as a temporary position.
 - B. To hire a qualified hourly instructor for next semester is a possibility. However to hire hourly to cover the load would require hiring more than one instructor. I know of two qualified persons interested in teaching in the Spring as hourly instructors. Should they come, we would still need to hire a full time instructor in the Fall. Should we elect to use hourly instructors for the spring, I feel that our program should get top priority for hiring in the Fall.
2. Another consideration is that the Marine Tech Department began for the first time this year teaching two classes for the Marine Science Department: Basic Diving; and Seamanship & Small Boat Handling. Without additional personnel we will be unable to continue offering these classes for that department.
3. Lab sizes are small for safety considerations. There are 12 to 15 students per lab for the diving classes, and 25 to 30 for the non-diving classes. To have lab's larger than these numbers would present a safety hazard.
4. Marine Tech enrollment is increasing. This fall semester enrollment was 50, which is an increase over last year's enrollment of 40. We will also be accepting applicants during the spring semester. We already have about 20 students who are planning on beginning the program in the spring. I am anticipating starting the second year with 60 students. The highest number of students that I've seen start the second year in the past ten years was 42.

Why the increase?

- A. The program change has allowed students to come in either semester and arrange their schedule to meet their needs.
 - B. We have stepped up our public awareness of the Marine Tech Program. Last year I visited 3 of the local high schools on their career days. We also wrote letters and sent information to career centers at two hundred high schools across the state. We also participate in local events such as the Fishermans Festival and Stearns Wharf Day.
 - C. We also put an ad in one of the popular dive magazines, "The California Diver," in which we gleaned many inquiries. I believe several of the students in the first year heard about the program from this ad.
4. We are now allowing students to enter the program either in the Fall or Spring, according to their desire. We can do this because the only Marine Tech class that they now have in the first year is the Basic Diving Class. This class is offered both in Fall and Spring. All other classes are either academic requirements or support classes as shown below:

Marine Technology program change .

FIRST YEAR	Units
Basic Diving (M.T.1) (Fall & Fall)	3
Drafting 2	2
Welding for the Marine Industry I & II	4
Physical Oceanography (E.S. 2)	4
Machine Shop Operations (M.S.11)	4
Marine Biology (Bio.5)	3
Fundamentals of Electronics (Elect.10)	3
*English 1	3
*Physics 1	3
*Speech 21 or 23	3
*American Institutions	<u>3</u>
	35
SECOND YEAR FALL SEMESTER	
Seamanship and small boat handling (M.T.2)	3
Advanced Diving (M.T.3)	3
Ocean Dives (M.T.30)	1
Marine Engines & Compressors (M.T.4)	3
Biological Oceanography (Bio.11)	3
Advanced Studies (M.T.90)	1
	14
SPRING SEMESTER	
Underwater Construction (M.T.5)	3
Underwater Operations (M.T.6)	3
Diving Systems (M.T.7)	3
Ocean Dives (M.T.67)	1
Advanced Studies (M.T.90)	1
Emergency Medical Technician (E.M.T.1)	<u>5</u>
	16

Recommended Electives: Fundamentals of photography and Computer Science.

*Required for Associate in Science Degree.

Bold are Marine Technology Classes

SANTA BARBARA CITY COLLEGE

MARINE TECHNOLOGY

TEACHER LOAD UNIT (T.L.U.)

Fall 1985 (Transition Year)

MT-1	7 1/3 + 5 1/3	12 2/3
MT-2	(One Lab-Marine Science)	7 1/3
MT-5	(Three labs)	10 1/3
MT-50		
<u>MT-90</u>		<u>0000</u>
		31 1/3
<u>A.R.T.</u>	<u>(Release Time)</u>	<u>7 1/2</u>
		38 5/6

Clouser

MT-1	5 1/3
MT-5	7 2/3
A.R.T.	7 1/2
MT-50	1/2
	21

VonAlvensleben

MT-1	7 1/3
MT-5	2 2/3
MT-2	7 1/3
<u>MT-50</u>	<u>1/2</u>
	17 5/6

SPRING 1986 (Transition Year)

MT-1	7 1/3 + 5 1/3	12 2/3
MT-6	(Three labs)	10 1/3
MT-7	7 1/3 + 5 1/3	12 2/3
MT-67		2
<u>MT-90</u>		<u>0000</u>
		37 2/3
A.R.T.		7 1/2
<u>AJ-36</u>	<u>(Advanced Dive Rescue Class)</u>	
		<u>47 1/6</u>

Clouser

MT-6	10 1/3
A.R.T.	7 1/2
<u>MT-90</u>	<u>0</u>
	17 5/6

VonAlvensleben

MT-1	7 1/3
MT-7	5 1/3
MT-67	
<u>AJ-36</u>	
	14 2/3

New Staff

MT-1	5 1/3
MT-7	7 1/3
MT-67	1
<u>AJ-36</u>	<u>1</u>
	14 2/3

**MARINE TECHNOLOGY
TEACHER LOAD UNIT (T.L.U.) Continued
FALL 1986**

MT-1	7 1/3 + 5 1/3	12 2/3
MT-2		12 2/3
MT-3		12 2/3
MT-4		7 2/3
MT-30		
<u>MT-90</u>		<u>0000</u>
		46 2/3
<u>A.R.T.</u>		<u>7 1/2</u>
		54 1/6

Clouser

MT-3	12 2/3
A.R.T.	7 1/2
<u>MT-90</u>	<u>0</u>
	20 1/6

VonAlvensleben

MT-1	7 1/3
MT-2	5 1/3
MT-4	3 5/6
<u>MT-50</u>	<u>1/2</u>
	17

New Staff

MT-1	5 1/3
MT-2	7 1/3
MT-4	3 5/6
<u>MT-50</u>	<u>1/2</u>
	17

SPRING 1987

MT-1	7 1/3 + 5 1/3	12 2/3
MT-5		12 2/3
MT-6		12 2/3
MT-7	7 1/3 + 5 1/3	12 2/3
MT-67		2
<u>MT-90</u>		<u>0000</u>
		52 2/3
A.R.T.		7 1/2
<u>AJ 36</u>	<u>(Advanced Dive Rescue Class)</u>	<u>2</u>
		62 1/6

Clouser

MT-6	12 2/3
A.R.T.	7 1/2
<u>MT-90</u>	<u>0</u>
	20 1/6

VonAlvensleben

MT-1	7 1/3
MT-5	6 1/3
MT-7	5 1/3
MT-67	
<u>AJ 36</u>	<u>1</u>
	21

New Staff

MT-1	5 1/3
MT-5	6 1/3
MT-7	7 1/3
MT-67	
<u>AJ 36</u>	<u>1</u>
	21

Santa Barbara City College

COLLEGE PLANNING COMMITTEE

Tuesday, June 11, 1985
3 P.M. A-218-C

M I N U T E S

MEMBERS: Pat Huglin, Chairman, Dr. Bobgan, John Diaz, Lynda Fairly, Rusty Fairly, Pope Freeman, Dr. Hanson, Mike Mallen, Dan Oroz, Jinny Webber

RESOURCE: Elaine Cohen, John Romo, Diana Sloane

GUESTS: Shirley Conklin, Bob Dinaberg, Burt Miller

ANNOUNCEMENTS (P. Huglin)

1. This will be the last CPC meeting this college year.
2. Today's agenda:
 - a. Recommendation re Athletics Transportation Funding
 - b. Review Institutional Three-Year Plans
 - c. Accreditation
 - 1) Complete review of Standards
 - 2) State Standards/Recommendations from last visit will be available to review ... see Mary Moffat

I. FUNDING (TRANSPORTATION) FOR INTERCOLLEGIATE ATHLETICS
(L. Fairly)

For the 1984-85 fiscal year the athletics intercollegiate transportation expenses were \$19,328 of which \$4,000 was allocated by the District. In fiscal year 1985-86 the expenses are estimated to be \$22,000 ... an increase of \$6,800. It has been recommended that the District fund the \$6,800 to maintain the program and a sub-committee of CPC be appointed to further review the issue and make an appropriate recommendation during the building of the 1986-87 college budget.

Dr. Bobgan made a motion to amend his original motion of 6/4/85 to reflect the total of \$6,800 as an underbudgeted item.

Pope Freeman indicated he felt there was a need for a committee to review the funding for the athletics program and make a recommendation to CPC in regard to the 1986-87 budget.

(Over)

M/S/C Freeman/Dr. Bobgan Unanimous

To amend Dr. Bobgan's original motion of 6/4/85 to read:

"As an underbudgeted item CPC recommends that the District allocate \$6,800 for transportation in the 1985-86 budget to offset the anticipated deficit in co-curricular in the athletic program, and that a sub-committee of CPC be formed consisting of representatives of Rep Council, Division Council, and Athletics Advisory Committee, convened and coordinated by Student Services, to study the question and problem of District funding for athletics in general, and transportation in particular. This committee will forward its recommendations to the College Planning Committee, which will then consider this issue as it reviews and builds the 1986-87 college budget."

II. INSTITUTIONAL THREE-YEAR PLANS (Burt Miller)

Refer to agenda attachment. B. Miller briefly reviewed the Institutional Three-Year Plans with committee. The document is a summary of detailed departmental plans submitted through respective administrative channels. Departmental resource requests were extracted from the detailed plans and sent to CPC for prioritization. Those considered by CPC have been included in this plan. He plans to add the College Mission Statement, Institutional Directions, and a Table of Contents. John Romo plans to make some emendations to the English section.

Changes or modifications should be to Miller by July 1. Next year the report must be completed by April (instead of July) and will include details for 1986-87 if we're to make an impact on the State legislature. The goal of the State-Wide Planning Task Force Committee is to attempt to come up with a model to serve the needs of the State and the Districts. The model is meant to be a planning document not a compliance document.

III. RESPONSE TO ACCREDITATION STANDARDS (Committee)

Miss Conklin made the following announcements:

- a. A glossary will be added to the report as a reference to identify initials used throughout the report to indicate departments, and committees, e.g., LAC, LRC, etc.
- b. All committee comments and suggestions will be considered in the final re-writes although the re-writes will not be re-submitted to CPC. The final drafts will be distributed to each area for review.
- c. The visit will commence on October 22.
- d. The report will be mailed 45 days prior to the visit.
- e. Other items that need to be addressed:
 - 1) Hotel accommodations
 - 2) Planning of function evening prior to visit ... to

Santa Barbara Community College District

COMMUNITY SERVICES

11/5/85 CPC, Att. #3

DEFINITION OF USE CATEGORIESI. College Sponsored

A college-sponsored event is defined as an event directly related to, participated in and run by the College faculty, staff, or duly approved campus student organization. ~~Includes Santa Barbara City Recreation joint-use activities under the joint-use agreement.~~ *When a fee or or admission charge is made, proceeds will remain with the sponsoring organization. (Refer to SBCC fund raising guidelines.)*

II. Public Service (Civic Center Act)

Youth organization, senior citizen groups, PTA's and other public service groups who sponsor activities which are open to the public and no admission is charged. *Includes activities classified as joint use by the agreement with the City of Santa Barbara. (A charge may be made for special services rendered.)*

III. College Co-sponsored (Cost Covering)

A co-sponsored event is defined as an event which a college organization/ department agrees to participate in the planning and running of the event in conjunction with an off-campus organization/vendor. When fees and/or admission charges are made, net proceeds may be divided with the sponsoring organizations.

IV. Public Service (Cost Covering)

A public service event is defined as an activity sponsored by a public agency, school, civic group (non-profit) or governmental agency where a fee or admission charge is made. (Charges are made because the activity is not free and open to the public.)

V. Commercial Activities

A commercial activity is defined as an event conducted for profit-making, or where a *private* business or commercial interest desires to use college facilities for a conference or other activity.

MZ:mr
10/21/85

Santa Barbara City College
EQUIPMENT REQUESTS

TOTAL ALLOCATED	\$340,000
CE SHARE (22%)	<u>74,800</u>
Balance for Credit Program	265,200
Total for Items Authorized for Funding DCC 10/2/85	 33,950
NEW BALANCE FOR CREDIT	231,250
Share for New Equipment	136,941
Share for Replacement Equipment	95,809
Anticipate an Additional \$10,000-\$15,000 from Continuing Education	
Total New Equipment Requests =	136,941

ENGLISH DIVISION

Composition & Literature

	Amount
1. Data Vac Computer Vacuum	\$ 60
2. Apple IIe Cooling Fans (CAI-Comp. Lab)	480
3. Sider Half-eight 10 Megabyte hard disk drive (CAI-Comp. Lab)	695
4. Apple IIe Microsystems	5,000
5. Light Table for Magazine Editing class	400
6. 2 Cinemascope Lenses for Projector in H111	600
TOTAL ENGLISH DIVISION	7,235

FINE ARTS/COMMUNICATIONS DIVISION

Art

1. Equipment for Commercial Art Studio (Compressor, Light Tables, Drafting Tables)	5,000
2. Voltmeter	75
3. Lapping wheel	250
4. Jig Saw	150
5. Daylight Slide Viewer	550
6. 2 2 hp 7 1/2 Skillsaws	180
7. Beta Machine for HLLL (Joint request with English)	<u>500</u>
Total Art Department	6,705

Communication

Item

1. Apple IIe Professional System	1,500
2. Compac Computer w/20MB, hard disk, Hayes Smaxtron Modem, Compac Letter Quality Printer	<u>3,200</u>
Total Communication Department	4,700

Music

Item

1. Yamaha DX-7 Synthesizer (Keyboard controller)	1,600
2. Passport MIDI Interface with Drum Sync required for Synthesizer-Computer Interface	200
3. Software - Passport MIDI plus	150
MIDI Polywriter Utilities	80
DX-PRO (Yamaha)	200
4. Tap Master II with Stereo Headphone & Power transformer	400
5. Apple IIe	1,200
6. Apple IIe Disk Drive	<u>330</u>
Total Music Department	4,160
TOTAL FINE ARTS/COMMUNICATIONS DIVISION	16,165

INSTRUCTIONAL SUPPORT

CAI (Computer Assisted Instruction)

Item

1. Scantron Data Terminal	3,000
2. 8 Apple Extended 80 Column Cards	1,200
CAI Total	4,200

SCIENCE DIVISION

Chemistry

Item

1. 2 Apple IIe Computers, Dual Disk Drive	2,800
2. FID Gas Chromatograph	7,000
3. Radio Shack Voltmeter	<u>1,500</u>
Total Chemistry Department	11,300

Biology

1. Lane Skin Cabinet	3,200
2. Sarcophagus/Autopsy Table	3,000
3. Collins Respirometer	2,750
4. Evolutionary Skull Models (10)	2,000
5. Primate Skull Models (6)	1,200
6. 25-inch Monitor	500
7. Lab Oven	500
8. Bottom Corer	100
9. Current Meter	<u>600</u>

Total Chemistry Department 13,850

Physics

Item

1. Monitor & Interface	1,000
2. Force Tables	400
3. Inertial Balance (4)	1,100
4. Centripetal Force App. (2)	1,080
5. Ballistic Pendulum (4)	1,500
6. Color Mixing Apparatus	175
7. Substructure Color Demo	95
8. Wheatstone Bridge App. (4)	2,080
9. Lab Jacks (5)	500
10. Mechanical Unurese video tapes	2,014
11. Digital Projection Meter	300
12. Computer scope Interface	1,500
13. Disk Drive	250
14. Memory Expansion (RAM works 256K)	300
15. Printer Multiplexer	200
16. Spectrometers (4)	3,340
17. Ballistic Galvenometer (4)	1,800
18. Standard Capacitors (6)	1,056
19. Scatteringt Apparatus (8)	3,200
20. Speed of Light Demo	650
21. Telescope	1,500
22. Holography Lab Kit	160
23. 10 MW Laser Tube	100
24. Electrometer	<u>1,595</u>

Total Physics Department 25,895

TOTAL SCIENCE DIVISION 51,045

Physical Education

1. Electric Metronome	58
2. Pocket size Dry Spirometer	179.45
3. Health O Meter Scale Stethoscope	92
4. Plastic Gonrometer (2)	42.40
5. Polaroid Camera	86.95
6. Bicycle Ergometer	795.
7. Fisher 3980 System	479.
8. Paramount Vertical Butterfly	1,595
9. Universal Total Hip	<u>2,263</u>
Total Physical Education	5,591

Health Technologies

1. Full Body Manikin	1,200
2. IV Poles (4)	400
3. IV Pump	500
4. IV Training Arm	195
Total Health Technologies	2,295

Library

Item

1. Dictionary Stand	170
Total Library	170

BUSINESS DIVISION

Business Education

1. 640 IBM PC'S (8)	20,000
2. Dot Matrix Printers (6)	3,600
Total Business Department	23,600

MATH/COMPUTER SCIENCE DIVISION

Computer Science

1. IBM Computer	3,000
2. 1.16-inch Multiplexor	4,000
Total Computer Science Department	7,000

Mathematics Department

Item

1. Upgrade Department Apple IIe	
Disk Drive	230
64k extender card	150
Printer and Interface	600
System Saver	100
Software	250
2. For Computerized Attendance 2 Bar Code Readers	800
3. Bering Industries 45 Megabyte hard disk with 710K Floppy Disk Drive	4,000
4. Hewlett Packard Mini-grade (ROM upgrade kit) (necessary for Hard Disk)	160
Total Mathematics Department	6,290
Total Math/Computer Science Division	13,290

SOCIAL SCIENCES DIVISION

History

1. Apple IIe Package	2,000
2. Pioneer Laser Disk 700	700
Total History Department	2,700

Economics

Items

1. IBM XT Package with Printer	4,500
Total Economics Department	4,500

Philosophy

Item

1. 1 Apple IIe Package	2,000
Total Philosophy Department	2,000

Political Science & Psychology

1. 1 VHS Portable 4CR	400
Total Social Sciences Division	9,600

LAC

Item

1. Laser Disk Video-Pioneer 700	700
2. 1 Computer Interface	150
Total LAC	850

HONORS

Item

1. 1 IBM Compatible Computer and Printer	3,500
Total HONORS	3,500

Total New Equipment Requests 136,941

**SANTA BARBARA CITY COLLEGE
MARINE TECHNOLOGY DEPARTMENT**

11/5/85 CPC, Att. #5

SUBJECT: Replacement of personnel
FROM: Gerald L. Clouser

1. Marine Tech went from 4 instructors to 2 last year. Bob Christensen retired in June and Greg Bryant also resigned to go into the professional sector. This leaves only Mike Von Alvensleben and myself to carry the full load of the program. We have been able to carry that load this semester only because of a major change in the structure of the Marine Technology program.

Marine Techology program change.

We are now allowing students to enter the program either in the Fall or Spring, according to their desire. We can do this because the only Marine Tech class that they now have in the first year is the Basic Diving Class. This class is offered both in Fall and Spring. All other classes are either academic requirements or support classes as shown below:

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Machine Shop Operations (M.S.11)	4
Marine Biology (Bio.5)	3
Fundamentals of Electronics (Elect.10)	3
*English 1	3
*Physics 1	3
*Speech 21 or 23	3
*American Institutions	<u>3</u>
	35

SECOND YEAR FALL SEMESTER	Units
Seamanship and small boat handling (M.T.2)	3
Advanced Diving (M.T.3)	3
Ocean Dives (M.T.30)	1
Marine Engines & Compressors (M.T.4)	3
Biological Oceanography (Bio.11)	3
Advanced Studies (M.T.90)	<u>1</u>
	14

SPRING SEMESTER	Units
Underwater Construction (M.T.5)	3
Underwater Operations (M.T.6)	3
Diving Systems (M.T.7)	3
Ocean Dives (M.T.67)	1
Advanced Studies (M.T.90)	1
Emergency Medical Technician (E.M.T.1)	<u>5</u>
	16

Recommended Electives: Fundamentals of photography and Computer Science.
*Required for Associate in Science Degree.

2. Another consideration is that the Marine Tech Department teaches two classes for the Marine Science Department: MT 1- Basic Diving; and MT 2-Seamanship and Small Boat Handling. Without additional personnel we will be unable to continue offering these classes for that department.
3. Marine Tech enrollment is increasing. This fall semester enrollment was 50, which is an increase over last year's enrollment of 40. We will also be accepting applicants during the spring semester. We already have about 15 students who have expressed an interest in starting in the spring. I am anticipating starting the second year with 60 students. The highest number of students that I've seen start the second year in the past ten years was 42.

Why the increase?

- A. The program change has allowed students to come in either semester and arrange their schedule to meet their needs.
 - B. We have stepped up our public awareness of the Marine Tech Program. Last year I visited 3 of the local high schools on their career days. We also wrote letters and sent information to career centers at two hundred high schools across the state. We also participate in local events such as the Fishermans Festival and Stearns Wharf Day.
 - C. We also put a ad in one of the popular dive magazines, "The California Diver," in which we gleaned many inquiries. I believe several of the students in the first year heard about the program from this ad.
4. Lab sizes are small for safety considerations. I hope to have full labs next year of 12 to 15 students for the diving classes, and 25 to 30 for the non-diving classes. Present diving lab sizes are running from 9 to 12 students.
 5. If we should have to continue to teach the program with only two instructors, it would require Mike and me to have a tremendous overload for the spring semester. Therefore, in the fall we would have to drop classes which are part of the students majors requirements. To hire qualified hourly instructors is almost impossible because of the nature of the requirements. The attached pages show the TLU requirements of the department.

SANTA BARBARA CITY COLLEGE

MARINE TECHNOLOGY

TEACHER LOAD UNIT (T.L.U.)

Fall 1985 (Transition Year)

MT-1	7 1/3 + 5 1/3	12 2/3
MT-2	(One Lab-Marine Science)	7 1/3
MT-5	(Three labs)	10 1/3
MT-50		1
<u>MT-90</u>		<u>0000</u>
		31 1/3
<u>A.R.T.</u>	<u>(Release Time)</u>	<u>7 1/2</u>
		38 5/6

Clouser

MT-1	5 1/3
MT-5	7 2/3
A.R.T.	7 1/2
<u>MT-50</u>	<u>1/2</u>
	21

VonAlvensleben

MT-1	7 1/3
MT-5	2 2/3
MT-2	7 1/3
<u>MT-50</u>	<u>1/2</u>
	17 5/6

SPRING 1986 (Transition Year)

MT-1	7 1/3 + 5 1/3	12 2/3
MT-6	(Three labs)	10 1/3
MT-7	7 1/3 + 5 1/3	12 2/3
MT-67		2
<u>MT-90</u>		<u>0000</u>
		37 2/3
<u>A.R.T.</u>		<u>7 1/2</u>
<u>AJ-36</u>	<u>(Advanced Dive Rescue Class)</u>	
		47 1/6

Clouser

MT-6	10 1/3
A.R.T.	7 1/2
<u>MT-90</u>	<u>0</u>
	17 5/6

VonAlvensleben

MT-1	7 1/3
MT-7	5 1/3
MT-67	
<u>AJ-36</u>	
	14 2/3

New Staff

MT-1	5 1/3
MT-7	7 1/3
MT-67	1
<u>AJ-36</u>	<u>1</u>
	14 2/3

**MARINE TECHNOLOGY
TEACHER LOAD UNIT (T.L.U.) Continued
FALL 1986**

MT-1	7 1/3 + 5 1/3	12 2/3
MT-2		12 2/3
MT-3		12 2/3
MT-4		7 2/3
MT-30		
<u>MT-90</u>		<u>0000</u>
		46 2/3
<u>A.R.T.</u>		<u>7 1/2</u>
		54 1/6

<u>Clouser</u>	<u>VonAlvensleben</u>	<u>New Staff</u>
MT-3 12 2/3	MT-1 7 1/3	MT-1 5 1/3
A.R.T. 7 1/2	MT-2 5 1/3	MT-2 7 1/3
<u>MT-90 0</u>	MT-4 3 5/6	MT-4 3 5/6
20 1/6	<u>MT-50 1/2</u>	<u>MT-50 1/2</u>
	17	17

SPRING 1987

MT-1	7 1/3 + 5 1/3	12 2/3
MT-5		12 2/3
MT-6		12 2/3
MT-7	7 1/3 + 5 1/3	12 2/3
MT-67		2
<u>MT-90</u>		<u>0000</u>
		52 2/3
A.R.T.		7 1/2
<u>AJ 36</u>	<u>(Advanced Dive Rescue Class)</u>	<u>2</u>
		62 1/6

<u>Clouser</u>	<u>VonAlvensleben</u>	<u>New Staff</u>
MT-6 12 2/3	MT-1 7 1/3	MT-1 5 1/3
A.R.T. 7 1/2	MT-5 6 1/3	MT-5 6 1/3
<u>MT-90 0</u>	MT-7 5 1/3	MT-7 7 1/3
20 1/6	MT-67	MT-67 1
	<u>AJ 36 1</u>	<u>AJ 36</u>
	2 1	21