

Mustang Daily

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California Polytechnic State University, San Luis Obispo

Monday, January 13, 1975

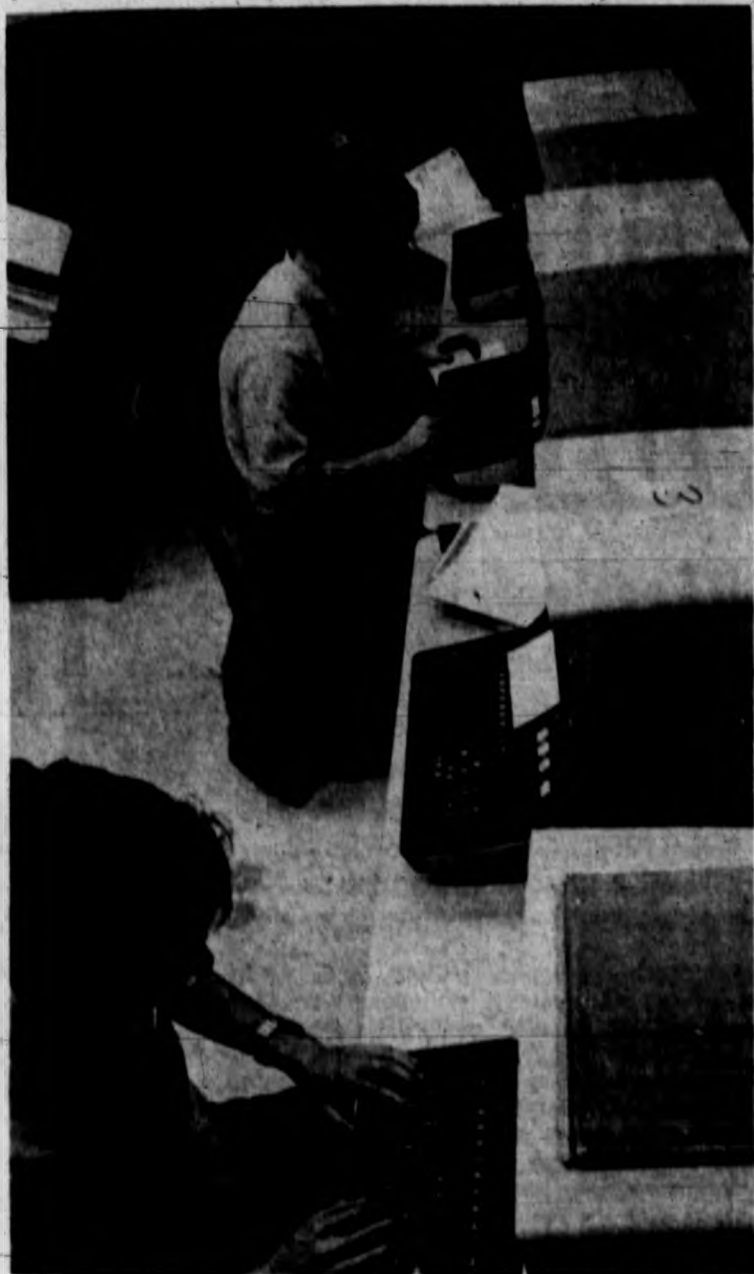


photo by John Gordon

These students sit at International Time Share system terminals in the computer center here, but their programs actually run through telephone lines to Cal State Northridge for execution.

Mustang, Arroyo Grande will offer historical series

Cal Poly will join Arroyo Grande and the California Mens Colony Tuesday in a unique form of learning outside the classroom—courses by newspaper.

The 18-week series of articles, entitled "In Search of the American Dream," will be presented weekly in the Mustang Daily. College credit for the 3-unit class can be obtained by registering through Cal Poly Extension for History E306X-01.

Cost of the course is \$30.

Mens Colony inmates and other subscribers to the Five Cities Times-Press-Recorder already are midway through the course. They, as well as registered students here, will take a midterm and final exam administered by Poly history instructor Dr. Timothy Barnes.

"The course is designed to focus," Barnes said, "on those principles which we will be reexamining during our Bicentennial."

"Courses by Newspaper," which is distributed by Copley News Service, has appeared in papers nationwide under joint sponsorship of nearby colleges and universities. "In Search of the American Dream," the second in the program series, focuses on the utopian dreams and spirit that helped shape this country's institutions and destiny. The course traces the persistence of those ideals—for better or for worse—in the nation's history.

Authors of the lecture series articles comprise a distinguished staff of some of the nation's leading historians and literary scholars.

Computer difficulties handicap department

by DAVID SNYDER

As the illuminated words "Identify yourself...Identify yourself" flashed on to the darkened glass screen, the operator quickly responded.

Transmitting the necessary information back to the computer he anxiously awaited its reply.

Words flashed across the screen a second time. The computer had accepted the new operator.

Moments such as these occur throughout the day at Cal Poly's computer center as students of computer science, architecture, and other disciplines use the various computer systems.

Of all the state universities, Chico and Poly offer the largest computer centers.

The first system in use at Cal Poly and referred to as the 360-40 computer was, according to Daniel Stubbs, head of the Computer Science Department, originally leased and installed in the computer center in 1969.

Since that time the Administration has toiled to stay ahead of increasing student demands through periodic systems repairs and updates.

Of the 19 schools in the State University system, the Chico and Cal Poly campuses offer the

Northridge campus. This processor communicates through a series of telephone lines and sophisticated electronics to 10 remote sending and receiving terminals here, as well as terminals at other state universities.

Because of the limited capacity of this data processor and number of schools using the Northridge facility, it is not always possible for a student to find an open "port" providing access to the system.

When the computer finally allocates an open port, the relay of information between the remote terminal and the data processor is almost instantaneous. However, the operator who must use the ITS on a windy day should exercise caution.

Gary Boenzi, a student here, said, "On a windy day the ITS gets pretty bad. You have to really watch it closely."

The interference caused by the wind disturbs the data flow through the transmission wires, resulting in unwanted or rearranged data according to Boenzi.

Information processed through the ITS system used to be printed out on teletype machines using large rolls of newsprint. However, according to Stubbs, the teletype machines are being replaced by the more advanced and reliable cathode ray tube system (CRT) which features visual display information.

Unlike the ITS, the other computer systems here utilize the familiar "punch card" which is prepared on one of about 80 key punch machines and sent into the computer by an attendant instructor.

Turn around time varies from only a few minutes to 24 hours or more.

The information is then processed and printed out in readable form for each inserted "card deck." The total time which this process requires is referred to as "turn around time."

Turn around time (TAT) can vary from only a few minutes to as long as 24 hours or more. Should the computer malfunction at any time during processing, the TAT can get even longer.

A clock with positionable hands is set by an attendant to show the approximate time a student can pick up his printed program.

However, this clock is set by estimates based on the quantity

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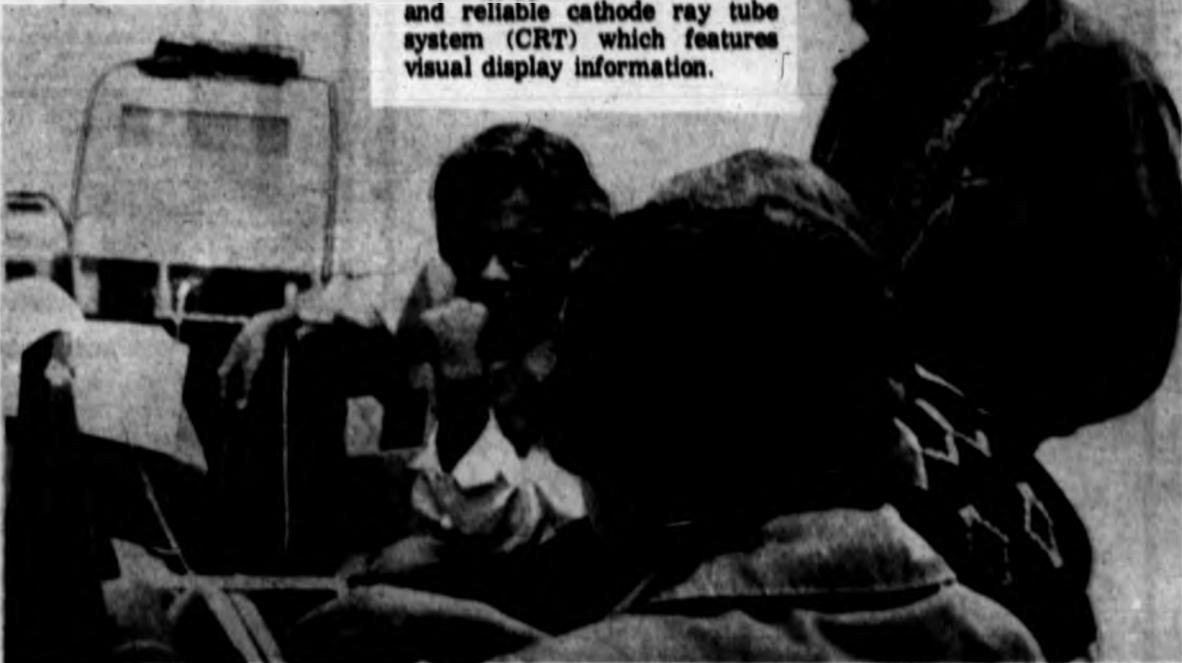


photo by John Gordon

Three students analyze program results on a teletype terminal of the International Time Share system at the computer center. The

teletype terminals are being replaced with modern cathode ray tube terminals which project images on a television-like screen.

Gospel group entertains with spirited soul

by TONY SANTOS

A low-keyed concert featuring The Archers, a non-denominational religious group, appeared to be a fine way to relax before the pressures of a new academic quarter harries forth.

The Archers, sponsored by the Chi Alpha religious fraternity, were on campus for a Thursday evening concert in Chumash Auditorium. The musical group also performed during College Hour in the University Union Plaza.

Music during the evening performance ranged from refined spiritual to modified and bluesy soul. The Archers have perfected a middle-of-the-road, easy-listening style without the mediocre consequences usually endured on the AM radio dial.

Most of the funk and spunk found in The Archer's musical arrangements were masterminded by composer and lead guitarist, William Masters (who estimated that about 80 per cent of the numbers presented were his original compositions).

If labels are necessary, Masters comes off as a conventionalized Elton John, in both physical appearance and musical diction. The intricacies and surprising chord progressions readily identifiable with John can be found in Masters' "Take Me Back." However, Masters eliminated the flash, glitter and histrionics from his music and stage presence.

To vocalize Masters' music, which was sometimes moody or whimsical, were the Archer

brothers, Tim and Steve. Tim proved to be the true showman of the group. He encouraged audience participation during the many clap-along numbers, got down off the stage to relate with the people and was very effective with his God-and-the-Bible narratives interspersed within the evening's music.

Steve Archer came on strong during the spiritual numbers ("Let Us Love One Another" and "Now That We Found Love") with a mature and well modulated voice. His God-and-love narratives were most effective when they were backed up by Masters' music.

The Archers seem to take the same approach to spreading the word as they do to music. As Tim Archer said, "We don't want you to be offended. You have your own ideas and God has His."

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Applications for State Graduate Fellowships in 1973-74 must be post-marked and sent to the State Scholarship and Loan Commission Graduate Fellowship Section, by Jan. 18, 1973. There will be about 600 new fellowships available which will pay up to full tuition and/or fees at any graduate or professional school when located in California and is accredited by, or is a candidate for accreditation with, the Western Association of Schools and Colleges, or any law school which is accredited by the California State Bar Association. State Graduate Fellowships are available only to students who will enter their first or their second year of graduate or professional school beginning Sept. 1, 1973. All fellowship applicants will be required to submit test scores from either the Graduate Record Examination, the Law School Admission Test, the Dental Admission Test, the Medical College Admission Test, or the Admission Test for Graduate Study in Business depending on the specific academic competition entered. As a result of the passage of AB 89 in the 1974 session of the legislature, the commission will continue to select students of unusual ability and achievement and in addition, give consideration to students with substantial potential for success in graduate school who may come from a disadvantaged background. Applications are available from the State Scholarship and Loan Commission, 1410 Fifth St., Sacramento, Calif. 95814, from the graduate and professional school offices or financial aid offices.

Monday, January 13, 1973

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Tanker port discussion by City Council
Editor:
Mr. White used recent news items to illustrate the frequency of tank oil spills which have had members of "Don't Ruin Our Spills" due to larger and more quarters of 1971. Because of the high risk of oil water port proposal is allowed in throughout the world in the first quarter of 1971. Members of "Don't Ruin Our Spills" (DMOC) encourage all citizens to be on hand when the Morrow Bay City Council holds a public hearing on the proposed super tanker port. We can vote our opposition to the proposal tonight at the Morrow Bay Veterans Building. Gene Shelton (Chairman, DMOC)

Mr. White's informative column was able to enumerate only a very small number of oil spill incidents compared to the number occurring each year. In fact, according to the Tanker Advisory Center in New York, there were 322 tanker casualties come if the Standard Oil deep-sea alarming indication of things to read and appreciated by all. It will indicate the frequency of oil spill incidents should occur in the "Panic" column in the Morrow Bay City Council held a public hearing on the proposed super tanker port. We can vote our opposition to the proposal tonight at the Morrow Bay Veterans Building. Gene Shelton (Chairman, DMOC)

Computer center growing

(continued from page 1)

of information being processed and is often misleading, according to the students interviewed.

Mark Morose, an architecture major said, "Before school started I could get an immediate return of my data. Generally though, I have to wait about eight hours."

Morose also said that he has had to wait as long as 50 hours for his program when the system is used near the end of any quarter.

Another student, Daryl Roberts, indicated that breakdowns "occur pretty regularly" throughout the year, the greatest number of malfunctions being with the key punch machines.

The director of the computer center, Raymond Boche, estimated that 3,000 to 3,500 students actively use the campus computer center. However, according to Boche the machines were not made to withstand the hours of use which they receive.

"These machines have a 1,000 hour lifespan," Boche said. "Yet many now have 3,000 hours and several are approaching 10,000. It's like having a car with a million miles."

When a machine breaks down? "We move from one machine to another as fast as we can."

There is also a student "mechanic" who regularly repairs and maintains the machinery, and who said Boche, does a better job than the professional technicians who used to maintain them.

The maintenance problems of which students complain are well known to both Boche and Stubbs. However, the State Department of Finance (SDF) which approves new computer system

purchases, has severely curtailed replacement and expansion of the system.

According to Boche, SDF insists that before a manufacturer can sell a computer system or accessory to a university they must first sign a statement model contract, which in effect allows the buyer total control over the sale.

When a new unit arrives the state could, as provided in the contract, return it without payment or explanation.

This contract has eliminated all but the largest firms from competition and because of its ensuing problems, "many (manufacturer's) legal departments won't ever spend the time to examine the lengthy contract," Boche said.

Even though Boche has termed this contract agreement "the greatest single problem" to

acquisition of new systems, the computer center has continued to update their remaining equipment.

Funds have been allocated to double the memory content of the 380-40 computer, to purchase a new graphics display unit, and to place a minicomputer on campus.

In addition 22 terminals are soon expected to be placed

'I see it getting worse. Like they say, halitosis is better than no breath at all.'

throughout the campus to alleviate the overcrowded conditions in the computer center and provide greater opportunity for student use.

Faced with the numerous problems involved in acquiring new equipment Boche said, "We have added as fast as possible, but it is nowhere near fast enough."

He added, "There is no sign of let up in the future. I can only see things getting worse."


"However, you know what they say, halitosis is better than no breath at all."

Nimmo bill

Assemblyman Robert Nimmo (R-Atascadero) has introduced a constitutional amendment to remove from the State Legislature authority to set salaries, retirement and other fringe benefits for its own members, and to vest that authority in an independent seven-member citizens' commission.

Said Nimmo, "Legislative salaries and benefits are a perennial sore spot with much of the public which believes, with some justification, that we're letting the 'fox guard the chicken coop'."

"My proposal," Nimmo said, "will go a long way toward removing the self-serving image which the public has of its lawmakers."



New reflector requirements for bicycles available at EL CORRAL

After Jan. 1, any bicycle ridden on the street must be equipped at all times with a white reflector on the front; a white or yellow reflector on each side; a white or red reflector on each side of the center of the bicycle; a white or red reflector on each side to the rear of the center and a red reflector in the rear. If the bicycle is ridden at night, it must also be equipped with a white light on the front, visible for 500 feet.

The side reflectors may be omitted if the bicycle is equipped with reflectorized tires front and back. The law also specifies that all reflectors and reflectorized tires must be visible from 500 feet, and must be of a type approved by the Highway Patrol.



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Poly opens league play dropping two

A pair of losses in their first two league games may have insured that the Cal Poly Mustangs will not repeat as basketball champions of the California Collegiate Athletic Association.

Ernie Wheeler's team was upended twice over the weekend in the unfriendly confines of Southern California. The Highlanders of UC Riverside handed them a 64-49 setback Friday night and Cal Poly Pomona was the villain Saturday, winning by a 57-50 count.

It will be tough for the Mustangs to make up a two game deficit in the remaining ten games. Of their performances over the weekend it wouldn't appear that either of the Mustangs opponents would be likely to lose more than a couple of times. In any case, for the Mustangs, the recipe will now call for winning practically all of their remaining games. Even one more loss might be one too many in the end.

The tough Mustang defense did its job once again, holding both opponents to less than the season average against Poly. But the

Wrestlers snap losing streak with 28-12 decision over Beavers

The Oregon State Beavers ran into a stampeding herd of Mustangs Friday night and got trampled.

After three straight losses the Cal Poly wrestlers were just a little steamed up, which was too bad for the Beavers, who came out on the short end of a 28-12 decision.

The Oregon Staters managed to win only three matches all evening and at one point saw Vaughn Hitchcock's crew rack up six consecutive wins.

The victory ran Poly's dual meet record to 6-4 with the Oregon Ducks next on the schedule. Oregon will be here next Friday at 8 p.m. for what

offense was unable to make up the difference. In the Riverside game the difference came at the free throw line where the Highlanders hit 13 charity tosses to the Mustangs five. The Mustangs were also outrebounded 44-34.

The Mustangs will travel to Bakersfield this Friday to meet the Roadrunners.

should be another tough encounter.

Enroute to the resounding triumph the Mustangs ran up a couple of firsts.

In the 155 pound matchup Bruce Lynn pinned Mark Evenhus in eight seconds, a Cal Poly record. Earlier in the week Evenhus, in his first ever collegiate match, had pinned the defending NCAA champion at 155, Oklahoma's Rod Kilgore. Kilgore then beat Lynn 10-6 in their meeting Wednesday.

The win was by the biggest margin in Cal Poly's series with the Beavers. It was the fifth Mustang win in 12 decisions against Oregon State.

Also, Ron McKinney, Poly's 145 pounder, won for the first time this year after nine losses in a row. He beat Dan Elliot, 10-3, and had a near fall in the first period.

Roger Warner ran his record to 13-1 on the year as he beat previously undefeated Doug

Estero Bay issue on tap

The proposed supertanker port in Estero Bay and offshore drilling will be two discussion topics at the Morro Bay City Council tonight.

A representative from Standard Oil is expected to attend.

The meeting will be held at 7 p.m. in the Morro Bay Veterans' Hall, 209 Surf St. All interested students are invited to attend.

Ziebart. The 150 pound matchup was even at 2-2 and Warner was awarded the 2-2 decision on basis of 3:47 of riding time.

Cliff Hatch had the only easy win of the evening whipping Beaver Don Thompson 11-1.

Mike Bodine, a 160 pounder moved to heavyweight with the loss of Randy Hudson to injury, was pinned for the third straight time, by Larry Bielenberg. Bielenberg was fifth in the NCAA's last year.



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