

SPARTAN DAILY

Volume 82, No. 2

Serving the San Jose State University Community Since 1934

Monday, January 30, 1984

Electrical engineering rejects students

By Dan Koga

A shortage of faculty has forced SJSU's Electrical Engineering Department to turn away qualified students already accepted by the university, said James Freeman, chairman of the department.

"I'd describe the situation in that the Electrical Engineering Department cannot accept all of the qualified, graduate and undergraduate students who apply because we don't have enough faculty to do it," Freeman said.

Many students are forced to either change their majors and choose a less impacted department or take classes over to raise their grade

Faculty shortage keeps out qualified applicants

point average, Freeman said, but many of the classes they need to make-up are also impacted.

"The university will take all the students who apply that meet the basic criteria. But we can only take one-fourth or one-fifth of those, so the rest of them are on campus trying to get into the courses, trying to get into the department," he said.

Those students remain undeclared.

"It's not admission's fault," he said. "If you want to lay blame, the

blame is that we don't have enough electrical engineering faculty to handle the qualified students who want to come in. Now we can't go out and get those qualified faculty members, even if we had all the positions available, because there are not that many qualified faculty members out there who are willing to work for the pay that we're going to offer."

In an interview with the California Professional Engineer Magazine, J.D. Pinson, SJSU Dean of

Engineering, reiterated this fact by stating, "In the past year, over 90 percent of the top three candidates have rejected engineering faculty appointment offers made by the CSU system. Non-competitive salaries were the major reason for rejection, followed by teaching loads and high-cost housing."

"It's a problem that the CSU system and the SJSU system is set up for normal conditions," Pinson added. "Being in electrical engineering right now is not a normal

condition. We have so many students trying to get in that we have to turn down qualified students. That's the problem."

He said that transfer students are coming in with a 3.3 average and not making the GPA cut-off that last semester was at 3.5. "We don't have as many problems with students as we should have. The students that we've turned down are taking it too well. I wouldn't take it as well as they're taking it, let's put it that way. When you get to that situation

in a California State University system, something is wrong."

Drucilla Redwine, Admissions and Records assistant director, said that students who don't make the cut-off are sent letters explaining the impacted situation and their options. This doesn't deter many of the students.

Some "try to outsmart the system by registering into a less impacted area, like industrial engineering, thinking that since they're in the department they can take classes in an impacted course," Redwine said.

This does not work since the

continued on page 1

Mirrored image



Clay Holden

An SJSU student appears to have stepped through the looking glass into a strange new world, but her distorted

figure is a mere reflection. Clark Library's mirrored windows created a caricature of reality Friday.

Senate proposal could aid CSU

By Netha Thacker

State Sen. Alfred Alquist (D-San Jose) proposed a constitutional amendment this month which would make the California State University system more independent of legislative control.

The proposed amendment (SCA 46) would give the 19-campus system constitutional status similar to that of the University of California, making it another department of government.

Mayer Chapman, CSU vice-chancellor, said it would give the system "independence from the political whims of the day" and "greater efficiency."

The change would give the CSU administration more freedom in structuring programs and making budget decisions, although the legislature would still oversee the budget.

Dr. Jim Jensen, CSU director of governmental affairs, said that it would delegate more of the decision-making process to the CSU trustees and local campuses. He added that it could make it easier to buy equipment and supplies, because it would reduce bureaucratic control.

The amendment requires approval by a two-thirds vote in the legislature before it goes to the voters. With legislative approval, it could be on the ballot in November, 1984.

"I think it'll be an uphill fight all the way," Jensen said. "It will depend on support from a lot of different sources," including faculty, students, alumni and the press.

Curtis Richards, legislative director of the California State Stu-

dent Association (CSSA), said the association will not have a position on the proposal until after its February meeting. He added that he was researching the effects of the proposal and referred to the UC experience.

"Students have been less than successful with the UC regents," he said.

"The pinnacle problem," Jensen said, "is that the legislature would give up some of its control over us. Government is not prone to give up power," he added.

Vince Montane, administrative assistant to Sen. Alquist, said that some opposition to the amendment might come from the University of California.

"I don't think that the University of California is going to be too happy," he said, because the change in status could make the CSU system more competitive in such areas as professors and salary scales.

However, Jensen said CSU Chancellor W. Ann Reynolds has talked to the UC president and "we have no indication that they would oppose it."

Constitutional status for the system was first recommended in the 1960 Master Plan for Higher Education, but not acted upon.

"I think part of the reason (it wasn't acted upon earlier) is that very few campuses of the CSU system were universities in the early-60s," Montane said.

"Now is the time to put us in the constitution," Jensen said, noting that the system has "a proven track record."

Plus/minus grading system will take effect next semester

By Karen Salom

SJSU's new grading system that will compute a plus and minus into the point value of a letter grade will go into effect in the fall 1984 semester.

Last May, SJSU President Gail Fullerton and the Academic Senate approved the policy recommendation by Louie Barozzi, chairman of the Academic Senate's Instructional and Research Committee. The new university policy will be effective beginning with the fall 1984 semester.

The grading system will add a .3 value for a plus and subtract a .3 value for a minus.

The point values based on a 4.0 grading system will be: A, 4.0; A minus, 3.7; B plus, 3.3; B, 3.0; B minus, 2.7; C plus, 2.3; C, 2.0; C minus, 1.7; and so on.

John Brazil, vice-president of the Academic Senate, said the new grading system is supported by the faculty because it will show a more

precise difference in a student's performance.

"It enables students to see how accurate they are doing," Brazil said.

The new grading system is consistent with other universities in the CSU system, said Kathy Amirdash, associate registrar at Santa Clara University of San Francisco, San Diego State University and other colleges, currently use the point value grading system.

Santa Clara University uses the system in all their undergraduate programs.

"It works," said Carol Lamoreaux, associate registrar at Santa Clara. "It refines the grading system and students are happy with it."

The only complaints the students have is that the "A" is not used, Lamoreaux said.

"I don't like that because I'm graduating soon," said Cindy Glines, an SJSU senior majoring in criminal justice when asked about

the new system. "I wouldn't want to be held up by a plus or minus. The teachers are going to have to be more specific in their grading and that's going to be tough."

Floyd Pichay, a junior, majoring in business, feels the new system will be beneficial.

"It will help most students who perform the borderline grades," he said. "However, I'm indecisive to this policy because my grades are inconsistent."

Some students feel the grading system should be left the way it is.

Industrial engineering junior, Craig Walz said, "The system is screwed up enough. Too many people have misconceptions about a 'C'. A 'C' is average as far as I'm concerned."

"I think it's reasonable," said Michael Honeycutt, an accounting senior, when asked about the new policy. "It falls in line with the historical grading procedures utilized by the instructors."

continued on page 6

Fraternities to hold formal spring rush in hopes of increasing membership

By Wendy Stitt

This semester marks the first time SJSU's Inter-Fraternity Council will conduct a formal spring rush. Usually, this time of year, fraternities and sororities conduct an "informal rush" where individuals may go to different houses and spend as much or as little time as they desire before choosing a house to pledge.

However fraternities on campus this year decided that a spring formal rush might draw in more people and new students.

"Rush" is a drive sponsored each semester by fraternities. It is a time designed to introduce a man to the different aspects of a fraternity. The "rushee" also meets the men of each house indi-

vidually. At the end of this time he states his preference for which house he'd like to pledge. All of the 13 fraternities on cam-



Michael Schneider directing fraternity rush

pus are participating in this spring's formal rush. IFC president Michael Schneider, a member of Sigma Chi, stressed the fact that "any-

one can rush. We'd (Sigma Chi) even take married people although it doesn't happen much. The only requirement is that they are male. There are no rules regarding age and marital status. Many older people pledge."

"Anybody who goes to SJSU and is enrolled in at least 12 units," is eligible to rush said Jean Castillo, a member of Kappa Sigma.

Kappa Sigma is expecting between 12 and 20 people to pledge this spring, while the amount of money budgeted for rush activities has not been decided.

Sign up tables have been set up at the Student Union and will remain there through today.

Timothy Carrasco, president of Pi Kappa Alpha said he expects 50 to 70 men to go through-

continued on page 6

SPARTAN DAILY

Published for the University and the University Community by the Department of Journalism and Mass Communications

Jennifer Koss
Editor

Ken Leiser
City Editor

Toni Kohl
Advertising Manager

Pat Sangimino
Layout Editor

Jeff Barbosa
News Editor

Warren Bates
Forum Editor

Future chiefs; Comedy of heirs

Following the reign of former President Jimmy Carter, we Americans looked frantically for a man of leadership quality to lead us out of our state of recession, depression or whatever it was called.

Anyway, our frantic search led us to electing as president a man who acted like he could lead us out of our bleak economic situation.



Frank Lopez
Staff Writer

I think we were right in electing an actor as head of state. We simply chose the wrong one. I have selected from an academy of potential successors to the Reagan throne, three actors who could perform quite well in the role of president.

If we genuinely wish to avoid falling into a great depression, I know of nobody better than Woody Allen to keep us, well, undepressed.

True, our economy might completely crumble, but we would sure have fun in the meantime. Why not a comedian as president? After all, our last four chiefs of state have had some pretty hilarious moments of their own. Maybe it's time for philosophical comedians to become kings, and kings, philosophical comedians.

On the other hand, maybe it's not. Perhaps we would be better off choosing an actor whose roles called for tremendous leadership. In the history of television, surely nobody was a greater leader than Captain Kirk of the Starship Enterprise. William Shatner is our deliverer.

Hey, this guy is capable of out-thinking alien beings

with I.Q.'s in the neighborhood of 1000. Given the current state of global affairs I think it's safe to assume there are no world leaders around today with I.Q.'s much higher than twenty.

The subject of alien beings brings to mind perhaps the best choice for an acting president. Why not give E.T. a shot? I've never personally seen E.T. in action, but those who have tell me over and over and over again how incredibly cute he is.

Could Andropov possibly turn down any request made by such an adorable creature? If E.T. asked the Soviet Premier to immediately begin the complete disarmament of all weapons, save a water pistol or two, Andropov would almost have to comply.

Indeed, perhaps actors should take over the entire political world. After all there are enough actors in Hollywood to go around.

Dan Haggerty could play the role of Secretary of The Interior, Tony Randall could serve on The Food and Drug Administration, and Edward Asner could serve as Presidential Press Secretary. The possibilities are, it seems, endless.

Of course there are some actor/political appointments that must be avoided. Don Rickles, for instance, should not be made an ambassador, and Mr. T should probably be kept off The Board of Education.

The ultimate appointment, of course, would be Clint Eastwood as Secretary of the Defense. If the U.S.S.R. made an idle military threat against the United States, they would, no doubt, be forced to listen to Eastwood utter, "Go ahead. Make my day."

Politicians should stay out of The White House and leave that world to actors. When Reagan is through making funny statements, Allen should be given his turn. When Reagan is through acting courageous, Shatner should be able to "stay the course" awhile. When Reagan is through acting adorable, maybe E.T. should take over.

Then Reagan could go home.



CIVIL RITES COMMISSION

The Student Union 'freak show'

I must have a warped view of college. I mean, I thought it had something to do with learning, with enriching one's experience, with having an open mind.

Apparently, I may be wrong.

I walked out of the Student Union the other day and



Frank Novicki
Staff Writer

had I been walking any faster I wouldn't have noticed what I saw. My illusion of college education would have had to wait to get shattered.

But I stopped and I looked and I watched as 50 or 60 people stood gawking at one man. There were a group of young women pointing and giggling. Further away, some fraternity brothers were shouting insults.

The man was sitting there at a table distributing information about a group he belonged to. There was nothing unusual about that. There were several tables in the area being manned by other students, none of whom commanded much attention. Everyone was gaping at one person.

The lone man was being derided because he had made a decision. He chose to become a Hare Krishna, to shave most of his hair off and wear clothes that lack designer labels. He chose to do something weird.

Judging from the response he got outside the Stu-

dent Union that day, one might conclude that he had committed a crime. There certainly were a lot of people out there who were ready and willing to punish him for it.

Now, I don't profess to understand what Hare Krishnas are all about, nor can I sympathize with their beliefs, because I don't even know what their beliefs are.

Certainly an argument could be made that Hare Krishnas are members of a cult and that they are both the victims and practitioners of brainwashing. Therefore they deserve the ridicule they receive.

But the crowd was hardly that insightful. They weren't thinking about any relevant issues as they stared and jeered. They were simply enjoying the freak show.

I consider myself one of those rare Americans who sincerely defends freedom of thought and freedom of expression, not just for the people I agree with or understand, but for everybody. I'm that way because I go to college. When I leave this school I want to be proud that I learned something.

Well, I've learned a lot. And the things I've learned are bound to not make sense to those dozens of curiosity seekers who flocked around the Student Union the other day. I've learned that hatred is useless, that variety is to be desired and that people with unusual hairstyles who wear tangerine colored pajamas in public have every right to do so without being intimidated or insulted.

I guess that means that I'm just another left-leaning wiseguy, right?

Wrong. I'm just a person who has tried to assimilate some of the knowledge that comes with the college experience. Evidently there's a lot of people on this campus who haven't tried to do that.

I don't like cliches, but I'm convinced of the truth behind one of them. Some people will never learn.

LETTERS TO THE EDITOR

Ex-con program used as 'pawn'

The California Court of Appeals recently made a decision in regards to the famous court suit involving the University in the matter of the tragic death of Blythe Nielson, who was savagely murdered several years ago by Donald Cummings.

The court absolved the University of any responsibility regarding the release of Cummings, a convicted sex offender, and his subsequent enrollment at San Jose State, through the University Alternatives Program. The University Alternative program was established at San Jose State to help paroled ex-convicts obtain university degrees.

This decision is not only a victory for our University, but a vindication for the University Alternative Program. With the tragic exception of Cummings, the other members

of the program were quite successful in their efforts to rehabilitate themselves.

However the University's President's office, more interested in impressing people at City Hall than helping people improve their lives, discontinued the program.

It was a tragic mistake to admit a beast like Cummings back into society, but it is even a more tragic mistake to end a successful program because of one or two problems. The objective of rehabilitation is to treat people like individuals, not scapegoats.

President Fullerton clearly demonstrated the fact that she is a moral coward by using this program as a pawn with her relations with the city of San Jose. This cowardice has been one of the key characteristics of her five year tenure as University President.

Jim Rowen
Political Science
senior

Letters

All letters must bear the writer's name, signature, major, phone number and class standing. The phone number is for verification purposes, and will not be printed.

Letters can be delivered to the Daily, upstairs in Dwight Bentel Hall, or at the information center on the first floor of the Student Union.

The Spartan Daily reserves the right to edit letters for length, grammar and libel.



Dean Kahl

The big chill

The winter break from SJSU had just ended when a friend and I got together for a few drinks. The small talk started when she asked the prehistoric question my grammar school teachers used to ask: "What did you do during vacation?"

I silently wondered if she wanted that in 100 words or less.

I enlightened her with a tale of the dirty pool I played with my friends and relatives in Illinois, Arkansas and Maryland.

Instead of sending the usual Christmas cards of landscapes blanketed with snow, I mailed post-cards of Southern California surfers depicting what they do best — enjoy winter.

I told my "date" how nobody took too kindly to my warmest wishes of holiday cheer. It's plain to see why. They probably read the cards while sipping Prestone to keep from freezing while I, on the other hand, was cooling off with a margarita or two.

Their contempt for the West Coast climate must have reached its boiling point when they watched the Rose Bowl on January 2. The mercury in Pasadena that day rose to 85 degrees. I watched the game over a couple of popsicles and realized that everyone east of the Sierras was popsicles.

My date and I couldn't figure out why anyone would want to spend their winter in any place but California. Sure, the wreaths of holly wilted a little and Nat King Cole didn't have the same impact coming from a transistor radio by a fire at the beach.

Afterall, Jack Frost couldn't nip at my nose when the sand was between my toes.

I philosophized that everyone might be a bit jealous of our California "winter." My calendar must be on the fritz because January bore a close resemblance to April — with or without the showers.

My drinking partner and I fathomed that maybe the Mount St. Helens eruption of three-and-a-half years ago has something to do with this winter's climate. Meteorologists said it would affect the future weather patterns.

Maybe the infamous "Twinkie Defense" can explain it. Dan White used it to rationalize murder — maybe it can explain the weather.

Luckily, California hasn't tangled with the dreaded wind-chill factor which has hampered the East and Midwest. Sure, we've dealt with temperatures in the 40's, but in California, the 40 is on the plus side of the 0. Sub-freezing temperatures should be reserved for meat lockers.

In addition, Californians can play an outdoor shirts-and-skis basketball game without dying of hypothermia. And my date and I realized that our summer apparels didn't resemble our winter wardrobes. Our summer apparels were our winter wardrobes. We knew that those "Flashdance"/"raped look" sweatshirts will return sooner than we expected.

We toasted the weather (on behalf of many Californians), anyway. "Cheers" to a California winter.

So, the East can have their "change of seasons" and blizzards, but some western natives aren't cut out for a climate like that. It's hard finding snow tires for bicycles.

1984 may have finally arrived, but if Big Brother's not in California, he can't drink with us. It's reassuring to know that the only ice we'll encounter is in our margaritas.

Dean Kahl is the Daily's columnist. Beginning next week, his column will appear every Tuesday.



Health Corner

CPR helps heart attack victims

Health Corner is a new addition to the Spartan Daily, written by staff writer Angela Stanford. It will appear every Monday.

Cardiopulmonary resuscitation has saved the lives of many heart attack victims, but more could be saved if CPR skills were more widely known.

Today, Health Educator Oscar Battle answers a few questions about CPR.

Q: What is cardiopulmonary resuscitation?

A: CPR is a combination of artificial respiration (such as mouth-to-mouth) and external cardiac massage.

Q: What is external cardiac massage and how is it performed?

A: External cardiac massage is a procedure that presses the heart between the vertebra (backbone) and the sternum (breast-

bone), and forces blood out of the heart.

To perform the procedure, first you find the xyphoid (below the breastbone), then you put your hand in the middle of the chest and apply pressure.

Q: How can you tell if someone needs CPR assistance?

A: If a person is having a heart attack, he will probably grab his chest because of the pain. Also, people who are having a heart attack can talk, and will probably ask for help.

And remember, anyone can have a heart attack.

Q: How many people are needed to perform CPR?

A: One person can do it, but it is more effective with two people.

Q: What are the basic CPR procedures?

A: First thing to do is to see if the person is conscious. If not, you tilt the head and check the airway to see if the person is breathing. If there is no breathing, give



Oscar Battle

the victim four quick breaths, and then check the pulse and the breathing. If there is no pulse and no breathing, then you begin CPR.

If there is no breathing and there is a pulse, then you just perform the CPR method necessary (artificial respiration).

Q: How can a person tell if CPR efforts have been successful?

A: After two minutes, check the breathing and the pulse. Then afterwards, check the pulse every two to five minutes.

Q: How long does a person continue CPR procedures?

A: First of all, before you start CPR, tell someone to get help, if someone else is around.

Continue CPR until he (the victim) is revived, or until help arrives. Hopefully, help will arrive soon.

If your life is threatened, or if the person is pronounced dead beyond any reasonable doubt, discontinue CPR.

Q: Is there any danger to the victim in performing CPR?

A: There are possible damages. If done wrong, you can cause some internal bleeding or you can fracture some ribs, depending on the condition of the person.

But what are the person's choices?

He can either die without damages or he can be kept alive with damages.

Factory awards hero with a layoff notice

CHICAGO (AP) — A factory worker got a pink slip from his boss on the same day he received an award from the fire department for helping save a 4-year-old boy from drowning in icy Lake Michigan.

Douglas Garcia received the department's Citizens Award from Fire Commissioner Louis T. Galante on Thursday for his part in the rescue of Jimmy Tontlewicz, who nearly died Jan. 15 after he fell in the lake.

Earlier in the day, Garcia got a layoff notice from Middleby Marshall Oven Co. in Morton Grove, where he works as an oven assembler.

"They laid off 139 of us," said Garcia, a Guatemalan immigrant. "The letter says we will return to work on March 5, but the way things are, I just don't know."

"The truth is I need a job because my wife doesn't work," he said. "Sure, I could collect unemployment. But I don't want to sit around waiting for government checks. I want to work."

Garcia nearly was a forgotten hero in the rescue of Jimmy, who was under water for about 20 minutes. He was the first person on the scene when the boy and his father fell through the ice, but left after other rescuers arrived and was not identified until later.

Garcia used his coat to help keep 35-year-old Terrence Tontlewicz above water, and made a rope of his children's scarves.

In addition to the award, Garcia received a \$50 check from Mayor Harold Washington to reimburse him for the loss of the scarves and coat.

"Your courageous and selfless action is the finest sort of example to our fellow citizens, at once a lesson and an inspiration," Washington, who was out of town, said in a letter.

Jimmy was in fair condition at Children's Memorial Hospital, where therapists were working to help him use his muscles.

Too much sugar may affect embryos

BOSTON (AP) — A small disruption in sugar metabolism during the first month of pregnancy may be responsible for a variety of birth defects, including major malformations of the brain and spinal cord, animal research suggests.

Scientists found that high levels of one form of sugar could disrupt glycolysis, the process of breaking down sugars and other carbohydrates which produces the energy that embryos need to form major organs early in their development.

Dr. Norbert Freinkel, who directed the study, noted that the causes of about 60 percent of all birth defects are unknown.

"This raises the possibility," he said, "that perhaps a variety of environmental factors or across-the-counter drugs or other things could impair glycolysis at that very critical period and perhaps be implicated in some congenital lesions."

The doctors found that when rat embryos

were exposed to a sugar called mannose during the ninth through 12th day of growth, all of them developed malformed neural tubes.

A neural tube is the primitive structure which develops into the brain and spinal cord.

"In practical terms, neural tube defects occur in about 2 out of every 1,000 births in the United States," Freinkel said. "This is probably the most devastating congenital lesion" and results in malformations of the spine and brain, he said.

He said there is little chance mannose causes birth defects in humans because it never reaches high enough levels in the blood to be harmful. But a variety of other substances, including drugs and foods, might do so by interfering with embryo metabolism during the first month of pregnancy.

"The alarming thing is that the analogous stage in human pregnancies is day 18 to 28 of pregnancy, a time when many women don't even know they're pregnant," Freinkel said.

The study, was conducted at Northwestern University Medical School in Chicago.

The doctors called their discovery the honeybee syndrome, because mannose has long been known to be poisonous to honeybees.

The researchers found mannose competes in the embryo with glucose, the blood sugar that is the growing animals' chief fuel.

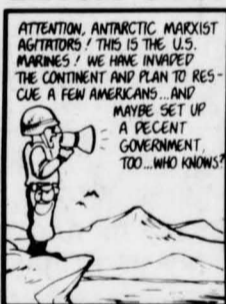
It's possible, they wrote, the effects on this kind of metabolism during organ development "could provide a common basis for the teratogenic (malforming) actions of many unrelated and as yet unidentified agents."

They noted the average woman consumes about six prescription drugs and three over-the-counter medicines during her pregnancy.

Few of these have been checked for their effect on glycolysis, they wrote. "Similarly, few atmospheric pollutants, components of fad-diet diets or even products of our microecology, have been evaluated for their capacity to cause minor perturbations of glycolysis."

BLOOM COUNTY

by Berke Breathed



Legislator baits fish bill

SACRAMENTO (AP) — The state would spend \$10 million a year to restore fish habitat damaged by dams and other water projects under a bill proposed Friday in the Legislature.

"We've dammed, diverted and destroyed California's natural bodies of water for 150 years," said Sen. Barry Keene, D-Elk. "Now we need to be just as

serious about restoring the fish resources our grandparents took as their birthright."

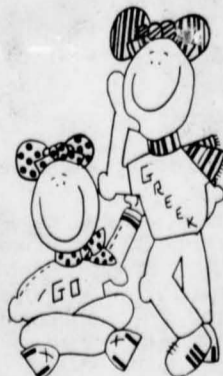
His SB1500 would take \$10 million a year from the California Water Fund, fed partly by tidelands oil revenues, to restore both marine and inland fish habitats, create spawning areas, and other fishery restoration work.

S.J.S.U. SORORITY SPRING RUSH

Sorority Rush is designed to introduce you to sorority life at SJSU and its members. Rush in the Spring semester is very informal and involves open houses, dinners and get togethers.

It's a wonderful way to meet people in a warm, friendly atmosphere and to find out what sorority membership has to offer. Each sorority has a house near campus where most of the activities take place.

To participate in Sorority Rush simply sign up at one of the Panhellenic information tables at the Student Union or at the Student Programs and Services Office (next to the Pub).



Or call, 277-2187

Spartan Daily
Serving the San Jose State University Community Since 1934 (UCPS 509-480)

Second class postage paid at San Jose, California. Member of California Newspaper Publishers Association and the Associated Press. Published daily by San Jose State University, during the college year. The opinions expressed in the paper are not necessarily those of the Department of Journalism and Mass Communications, the University Administration or any student or faculty organization. Mail subscriptions accepted on a remainder of semester basis. Full academic year, \$15. Each semester, \$7.50. Off-campus price per copy, 15 cents. On-campus delivery paid for through Associated Students at \$5.00 per participating enrolled student. Phone: Editorial 277-3181. Advertising 277-3171. Printed by Fricke-Parks Press. Postmaster: Please send all address corrections to Spartan Daily, San Jose State University, One Washington Square, San Jose, CA 95192.

STAFFBOX
Editor: Jennifer Koss
Advertising Manager: Toni Kohl
City Editor: Ken Leiser
News Editor: Jeff Barbosa
Forum Editor: Warren Bates
Associate News/Forum Editor: John Venturino
Sports Editor: John Ormsby
Layout Editor: Pat Sangimino
Associate Layout Editor: J. Dean McCluskey
Entertainer Editor: Eric Hermsstad
Feature Editor/Columnist: Dean Kahl
Photo Editor: Kathryn Uzzardo
Special Assignment Editor: Karen Woods
Associate Special Assignment Editor: Tracy Lee Silveria
Chief Photographer: Kathy Kollinas
National Business Manager: Jeff Moore
Retail/Art Manager: Marci Goldstein
Special Sections Manager: Chuck Deckert

WHY TAKE A CHANCE?

On January 1, 1984, anyone without insurance involved in an accident resulting in bodily injury or \$500 or more in property damage regardless of fault, will lose their license for one year along with an additional three year filing with the State of California.

JOHN STRIEGEL INSURANCE
(408) 265-4961 Hrs. M-F 9:00-5:00

NOW HIRING

Part or Full Time Delivery Persons Needed

Flexible Hours... Must Have Car and Insurance... Hourly Wage Plus Commissions and Tips.

Make Extra Money in Your Spare Time, Early Evening Hours Available 3-6 Hr. Shifts, Starting at 4 p.m.

Applications Being Taken From 11:00 a.m.-2:00 p.m. Monday-Thursday.

510 So. 10th St. San Jose

LAND A CAREER WITH LINK

Electronic Engineering & Computer Science Grads:

Your Bachelor's or Master's degree in Electronic Engineering or Computer Science opens the door at Link, the leader in the rapidly growing simulation industry.

Link is involved in developing the next generation of simulators utilizing real-time computer graphics for out-the-window scene simulation and radar display simulation used in total flight crew trainers for commercial, military and space applications.

If you'd like to get involved in one of high technology's most exciting areas, consider our career opportunities for **HARDWARE & SOFTWARE ENGINEERS/PROGRAMMERS**. And take advantage of our New Engineering Training (NET) Program to smooth your transition from campus to career.

On Campus Interviews Will Be Held On: Thursday, February 23

Contact your Placement Office for more details, and to schedule an interview.

Link, Flight Simulation Division, The Singer Company, 1077 E. Arques Avenue, P.O. Box 3484, Sunnyvale, CA 94088-3484. We are an equal opportunity employer.

Simulation is a reality at...

Gilbert takes over

New head coach names assistants; prepares himself for 'exciting spring'

By Paul Lloret

"This is a very special time for me." Those were the words Claude Gilbert used recently to explain his reaction to being selected SJSU's 21st head football coach.

The 51-year-old Gilbert was named head coach at a Dec. 15 press conference, replacing Jack Elway, who left to fill the vacant spot at Stanford.

Gilbert was the Spartans' defensive coordinator from 1981-83. His last head coaching job was at San Diego State from 1973-80. In eight years at SDSU he compiled a 61-26-2 record with six winning seasons in eight years.

"I'm excited about taking the job," Gilbert said. "It's a tremendous challenge and a very exciting one. I think that every fellow that graduates from his college and goes out into the coaching world has a dream of one day going back and being a head coach at his alma mater. It's been a long time since I was a young coach, but at this stage of my coaching career it's still a very special time for me."

Under Gilbert, the Spartans possessed the Pacific Coast Athletic Association's top-ranked defense twice.

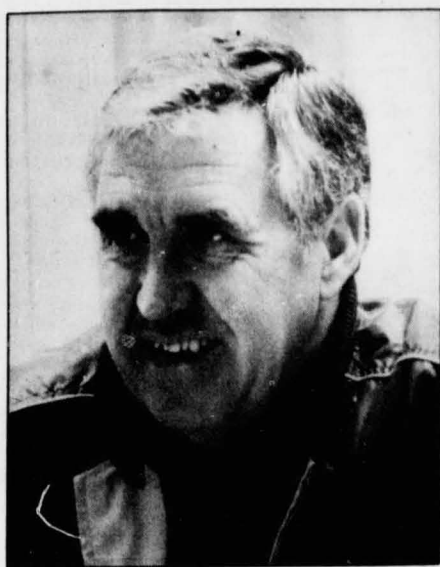
SJSU also finished in the top five nationally in rushing defense twice since 1981. As head coach, Gilbert sees no tremendous change in that philosophy.

"Every coach has to coach to his personality, and no two personalities are alike. There will be some subtle changes, but in regard to the overall football program, I don't see a dramatic change. We intend to continue with the same type of recruiting philosophy (primarily junior college athletes), but we'll want to recruit some high school kids, enough to come in and develop within our program."

Although SJSU has hired five new assistant coaches (four on defense), Gilbert doesn't expect much of a change in style.

Terry Shea will be the new offensive coordinator, while John Godden, Mike Pompa, Ray Ogas, and Larry Petrill will be handling the defense.

Shea, 38, is a native of San Mateo. A graduate of San Jose's Bellarmine Prep, where he was an All-American quarterback in 1963, Shea played quarterback at the University of Oregon before graduating in 1968. Shea previously coached at Utah State from 1976-83 (he was offensive coordinator in 1982 and 1983). As quarterback and wide receiver coach, he helped develop Eric Hipple into an All-PCAA quarterback in



Claude Gilbert
... SJSU football coach

1979. Hipple, who now plays for the NFL's Detroit Lions, led the Aggies to a share of the PCAA title in 1973 and the outright title in 1979.

Besides Hipple, Shea was responsible for the development of Aggie quarterbacks Bob Gagliano and Craig Bradshaw. Gagliano played with the NFL's Kansas City Chiefs from 1981-1983, while Bradshaw saw action with the Houston Oilers.

Shea, who has returned to the Bay Area for the first time since he graduated from Bellarmine, is extremely excited about working with Gilbert and with quarterbacks Jon Carlson and Bob Frasco.

Both Carlson and Frasco remind Shea of his former students, Gagliano and Hipple. "There are interesting similarities, but each quarterback has his personality. We have two excellent candidates who are both seniors and who have to emerge as leaders."

To Frasco, the hiring of Gilbert provides a ray of hope. "To me it's excellent," he said. Frasco said that he and former coach Elway didn't always see "eye-to-eye on a lot of things."

"I'm not taking anything away from Jack; he's a helluva coach. I thought I should have been starting, and obviously he didn't think so. Now I think I'll get a chance to play more."

Godden will serve as the new defensive coordinator. A graduate of San Diego State, he played professionally with the San Diego Chargers before coaching at Fullerton State, Fresno State, and Stanford.

Pompa, who coached at Southwestern College, will handle the defensive line, while Ogas (Boise State, Eastern Illinois, Hawaii) will serve as linebacker coach. Petrill (El Camino Junior College) will coach the defensive secondary. Meanwhile, Bill Nicholas and George Bohan will serve as graduate assistants.

Gilbert is "delighted" with his staff and feels that he has assembled an "outstanding group of men." With spring practice upcoming, Gilbert is well aware that the work is just beginning.

"The most important thing for a head coach to do when he takes over is to put together his staff," Gilbert said. "We feel we have done a great job of that. The coaches are great teachers who will be able to motivate people and recruit good players. With a lot of new players and the returnees, it's going to be a very exciting spring for us."

Washington topples Spartans 89-71

By Frank Lopez

The University of Washington women's basketball team utilized a strong transition game, hot outside shooting and a big second half to hand the Spartans a lopsided 89-71 home-court defeat last Thursday night.

The Huskies jumped out to a quick 10-2 lead before the Spartans could get untracked. Renee Avelino keyed the Washington surge with a couple of outside jumpers.

The Spartans (3-2 in NorPac) rallied to tie the game at 18. Dana Foster's 15-foot jumper evened the score midway through the half. The teams then played it close until intermission. Although SJSU led by as much as four, Washington had the edge at halftime 41-40.

After SJSU scored the first hoop of the second half to take its last lead, 42-41, the game was all Washington.

Guards Karen Murray and Kathy Rue, who finished with 22 and 10 points respectively, repeatedly shot over the Spartans' zone defense to give the Huskies a 10-point bulge, 67-57, midway through the second half.

Washington coach Joyce Sake, whose team upped its record to 2-1 in the conference, said one reason for the Huskies' strong second half was the Spartans' choice of defense.

"It helped us when they came out in a 2-3 zone; that opens up the outside and we're more of a perimeter shooting team," Sake said.

SJSU coach Sharon Chatman said the Huskies

shot well from outside, but attributed the loss to a couple of other reasons, as well. "To win, we had to do two things. One, we had to dominate the boards, and two, we had to stop their fast break. We didn't."

Also critical in SJSU's downfall was their inability to hit freethrows, particularly the front half of one-and-one situations. The Spartans hit a dismal 11 of 22 from the line while Washington converted on 23 of 28 attempts. "At this level of play you can't hit 50 percent (from the line) and be successful," Chatman said.

Rhoda Chew led the Spartans with 18 points and 13 rebounds. Guard Dana Foster and forward Sharon Turner had 12 points apiece. For the Huskies center Renee Avelino and forward Leteia Hughley each pulled down 10 boards and chipped in 16 and 14 points respectively.

the group gathers here

SAN JOSE ART
87 Valley Fair Center San Jose, Calif. 95128
HOURS: M-F 9-9/Sat.10-5/Sun. 12-5
408-249-8700

Advertise
277-3171

"Every coach has to coach to his personality, and no two personalities are alike. There will be some subtle changes, but in regard to the football program, I don't see a dramatic change."

—Claude Gilbert,
SJSU football coach

1979. Hipple, who now plays for the NFL's Detroit Lions, led the Aggies to a share of the PCAA title in 1973 and the outright title in 1979.

Besides Hipple, Shea was responsible for the development of Aggie quarterbacks Bob Gagliano and Craig Bradshaw. Gagliano played with the NFL's Kan-

Attention EOP Students!

Effective February 13th, EOP Counselors will be available on an APPOINTMENTS ONLY basis.

There will, however, be an EOP Counselor-of-the-Day, available to handle Quick questions or emergency situations.

For appointments, call (408) 277-3634 Monday through Friday between 8:00 a.m. and 5:00 p.m., or stop in at SH 210 Monday or Friday between 1:30 and 4:00 p.m.

EMPLOYEE FITNESS PROGRAM

Be a Happy Heart

Meeting for All Interested Employees,
Your Spouses, and Friends

Video Tape Presentation—See Your College in Action

Thursday, February 2, 1984, 11:45 a.m.

Sweeney Hall 312

Call 277-2954 for Information



WAKE UP!

277-3171

GRADUATES IN: ELECTRICAL AND MECHANICAL ENGINEERING, PHYSICS, COMPUTER SCIENCE, ACCOUNTING & BUSINESS/PRODUCT PLANNING

Your Significant Opportunity to Meet VARIAN On Campus



Electron Device Group



Instrument Group



Medical and Industrial Products Group



Semiconductor Equipment Group

Varian Associates is a diversified Fortune 500 high technology company with a 35 year history and is approaching a significant period of growth. Our products support fusion research, measure pollutants, broadcast television, treat cancer and more. We'd like to tell you about opportunities for you to advance your

career while you help in making a significant contribution to science, industry, medicine and communications.

On-campus interviews will be held: February 13, 14, 15, 1984

Please sign up through your Placement Office.

Join us for an on-campus presentation Thursday, February 9, 1984 12:30 pm, Engineering 121



Varian Associates has current opportunities in the following locations: San Francisco Bay Area • Salt Lake City • Greater Boston

We are an equal opportunity employer.

If you've never been to **Roberts**, now is the time!

- shorter lines • more used books
- good service • open Saturdays

Roberts ART SUPPLY & BOOKSTORE

330 south tenth street at san carlos

286-0930

Lick Observatory still yields discoveries despite age

MOUNT HAMILTON (AP) — At the ripe age of 94, with smog and city lights sometimes blurring its vision, some might think the Lick Observatory is too old to be of much use in the Space Age.

After all, its most famous scope — the 120-inch Shane reflector — was set in place a quarter-century ago. What purpose can it serve in an age when astronomers can carry their equipment into the heavens?

But astronomers know better. The number of discoveries yet to be made by ground-based observatories are as limitless as the number of stars in a clear night's sky, and that is a sum that may never be totaled.

"There are so many important things to do in astronomy," says Lick Director Robert Kraft. "Whether you do this earthshaking thing this week or that earthshaking thing doesn't really matter. There is a new, amazing thing every week."

Telescope approaching centennial

Last week's "amazing thing" was the collection of data to test the accuracy of a theoretical model developed by researchers at the Institute for Advanced Studies at Princeton University. The model describes the formation of the Milky Way, the galaxy we live in.

Under Kraft's supervision, 27-year-old research assistant Eileen Friel used the Shane telescope to study light from more than 100 stars up to 1,200 light-years away.

"This is all very tentative from the observations I've made, but so far there is some conflict with the theory," Friel said. "I have to do more observations."

The formation of the Milky Way is typical of the intriguing topics tackled by the observatory atop 4,200-foot Mount Hamilton. In its first year, Lick astronomers discovered the fifth moon of Jupiter.

By 1969, astronauts had walked on the moon, but hadn't found out exactly how far away the moon is. Astronomers fired a ruby laser through the Shane, bounced it off an 18-inch reflector left behind by the astronauts and determined the moon was 226,970.9 miles away — give or take 150 feet.

The elegant, egg-shaped buildings that make up the observatory are a lasting tribute to James Lick, a Gold Rush-era land speculator who, in 1875, gave \$700,000 to

build the facility. Lick picked the location because he could see it from his ranch, but he couldn't have made a much better choice: astronomers have a clear view 250 nights a year.

Lick died in 1876 and eventually was buried beneath the observatory's 36-inch refracting telescope — the largest in the world when it was built.

The Shane's reflector was cast in 1933 by the Corning Glass Co. to test concepts used to build the 200-inch lens for the Hale telescope at the Mount Palomar Observatory, still the largest in the United States.

Former Lick director Dr. C. Donald Shane heard about the Corning lens in 1951 and had it moved to Mount Hamilton, where telescope makers spent eight years grinding and polishing 650 pounds of glass off the lens to make it concave. A vapor-thin layer of aluminum coats the dish. The project cost \$2.8 million.

Geographer attempts to save large California relief map

SAN FRANCISCO (AP) — A monstrous, 43-ton relief map of California built in 1924 and featuring more than 600,000 models of buildings, ridges, roads and recognizable buildings, needs a new home.

Mike Everding, a psychologist turned geographer, has made a personal mission out of finding a place to store "Paradise in Panorama," as it was christened when constructed.

The map, the brainchild of department store mogul Reuben Hale, was created in 14 months by 25 artists, craftsmen and scientists using 31,000 feet of wire, 40,000 feet of muslin and more than a ton of nails.

"Hale wanted something symbolic to demonstrate the unity of the state and the need to conserve its resources," Everding said.

When it was completed in Glen-

dale, it was loaded on three railroad cars and unveiled in San Francisco, where a crowd of nearly 100,000 gathered for a celebration.

In 1960, when the city decided the space taken by the map was needed for the expansion of the World Trade Center in the Ferry Building, the city allocated \$10,000 to remove it, Everding said.

It was moved to a Shasta County warehouse, then a Greyhound Co. warehouse in South San Francisco and finally ended up back in San Francisco in a warehouse about to be sold.

The map has been sold three times for \$1.

Thomas Wood, contractor from Redding, had dreams of using it as a Shasta County tourist attraction. But dreams fade and storage bills mount.

He sold the map to Richard Karnan of Los Gatos for a dollar.

Karnan formed a non-profit foundation in hopes of displaying "Paradise," but those plans too fell through and the map ended up in the Greyhound warehouse.

Working with the California Heritage Commission, which also bought the map for \$1, Everding has contacted foundations, corporations, government agencies and individuals who might have the space to store the map, which is crated in 217 different sections.

Neil Malloch of the Heritage Commission, a non-profit group dedicated to preserving historical sites and memorabilia, said the U.S. Army Corps of Engineers may provide a temporary home for at least part of the map in Sausalito.

Bishop urges drowning inquiry

STOCKTON (AP) — The bishop of the Roman Catholic diocese in Stockton demanded an investigation of U.S. Border Patrol sweeps following the apparent drowning of a farm worker near Lockeford.

Bishop Roger Mahony also called on the U.S. attorney general's office Thursday to order the Border Patrol to carry lifesav-

ing equipment and learn to use it.

Yvonne Goodman, a spokesman for the bishop, described him as "really angry" and said he interrupted a retreat to send his protest telegram.

Mahony protested the earlier drownings, but no official action was taken.

"Each of the drowned men's lives was snuffed out because they desperately

sought to create security and a future for themselves and their families," Mahony wrote.

He concluded agents "should be restrained in their search and sweep tactics, emphasizing the dignity and supreme value of human life."

Pedro Jimenez, a Guatemalan national, was reported missing Monday by a Border Patrol agent who

saw him go under in a swift current in the Mokelumne River, about 15 miles northeast of Stockton. Jimenez was part of a pruning team working at the El Rio Ranch vineyard.

California Rural Legal Assistance has asked the Organization of American States to investigate agents' tactics based on the drownings of 10 people in nine years.

Record store deals in memorabilia

MODESTO (AP) — Like the song says, you can get anything you want at Salty's Record Attic.

In fact, for nostalgia buffs looking for anything from pets to Presley, Craig and Ramona Saben's shop has been the place to go since 1976.

"I guess there aren't too many places like this around, but we find we have a wide variety of customers," said Mrs. Saben. "They are astounded at this place, especially when they ask for an old record like Bill Haley's 'Rock Around The Clock' and we have it in stock."

Many of the shoppers are folks who grew up in the 1950s and are seeking the special record that marks their first sock hop — or their first love.

"Some are after a record that might have been popular on their first date or something to recall their high school or college days," she said.

And business is fine, she adds, thanks in part to the oldies revival in Modesto and elsewhere and radio stations catering to oldies lovers.

"I understand the ratings are good on these types of

shows and I'm sure that has helped remind some people about some of the songs they used to hear years ago," Mrs. Saben said.

Her husband, a maintenance worker, helps out at Salty's on weekends. At first, the shop was just a pet store, but slowly the collectibles moved in.

Visiting the store is like a trip down memory lane. Album jackets featuring stars of the past, like Elvis, Roy Orbison and early Beatles, hang from the walls. There are buttons, newspapers, magazines, photos and posters dealing with legends of long ago.

You can also buy lunch pails, glasses, comic books and toys — in fact, virtually anything that has to do with celebrities.

But it's old records that star at Salty's. Mrs. Saben estimates she has thousands of records, including 45s and 78s, some dating back to the Big Band era before World War II.

"If it has anything to do with entertainers," she says, "we try to get it and sell it."

Martin the Spartan



Computer recovers books

By Carl Miller
The frustration of finding the correct books for courses is an ordeal that both SJSU students and faculty experience every semester. The textbook department of the bookstore hopes its new computer will help alleviate that frustration.

'The system we now use is entirely manual and involves storing requests on cards.'

— Jeff Yterdal,
Spartan Shops
Textbook Manager

A computer system has been installed that could make the hunt for textbooks a quicker process. The computer is also expected to make it easier for the textbook staff to keep up with the numerous requests for books by instructors.
According to Textbook Manager Jeff Yterdal, over 3,000 titles are ordered by instructors every semester.
"The system we use now is entirely manual and involves storing requests on cards," Yterdal said.
One of the disadvantages of the card system is that

the textbook staff uses the same set of book-order cards. When one staff member is using a card, no one else has access to that card.
All of the order files can now be stored in the computer's memory, and all textbook staff members can call up any order card.

Yterdal said the computer will make it easier to handle book requests, which should speed up the process of ordering. The end result should be less waiting between ordering books and receiving them.

Bookstore Manager Ron Duval said the concept of computerizing the textbook section of the bookstore originated three years ago.

"It took us three years to determine what we wanted and needed, and now we're hoping that students will leave the bookstore happier," Duval said.

The computer may have another positive effect in the near future.

The bookstore may be able to buy back a higher percentage of the books it sells because staff members should have a better grip on inventory. Currently, the bookstore buys back 10 percent of its books and wholesalers buy the rest.

John Lehane, SJSU business professor, said because computers are becoming less expensive, individual departments within the university might obtain their own systems.

Currently, most departments rely on the Data Center for computer services. Funding for the textbook department's new computer system came from Spartan Shops.

Staff woes critical

continued from page 1

same criteria for choosing students is used whether or not they are currently in the department. This does, however, tend to worsen the situation for the engineering department faculty giving them a bigger workload.

Freeman suggests that undergraduates raise their GPA and keep trying. For the graduate student that doesn't make the GPA or the GRE (graduate record exam) cut-off he suggests they "... go out in industry for three or four years. Do a good job out there and then come back with a bunch of letters of recommendation saying: 'Hey, now this guy's a mature engineer. Can you make an exception?' And, (in) those situations, sometimes you can make an exception."

He also said the faculty shortage and student abundance is a national problem, "... but it's more acute here. In fact it's more acute at San Jose State than at other schools primarily because you're in Silicon Valley and everyone sees the Sunday paper and sees 50 pages of job openings for electronics engineers. So they want to become one. I think that's a good choice. I made that choice."

Plus/minus policy starts next fall

continued from page 1

Honeycutt also feels that there is a "distinguishable difference between the performance of a 'C plus' and a 'C minus' student."

The chairman of the Mechanical Engineering Department, Helmer Nielson, is surprised to hear that the system will be put into effect. Nielson introduced the policy to the Academic Senate about three years ago. Originally, he proposed a system that would eliminate letter grades. He devised a method using a 0-4.0 point basis, but instructors felt they could not quantify a student's achievements to that extent.

"I'm not out to get anyone, it's just a matter of student justice," Nielson said. "The Academic Senate feels it is a just change."

Frats seek new pledges

continued from page 1

formal rush. As of Wednesday, PiKA had not set up a rush table, but Carrasco said they are prepared to accept eight to 10 pledges.

"We picked up quite a few pledges from informal rush," he said.

According to Carrasco, PiKA will spend about \$3,000 on this spring's formal rush activities. Carrasco said that anybody is welcome to rush at Pi Kappa Alpha. "We nick guys who we think can benefit the house," he said.

He stressed that each pledge will offer something different to the house.

Sigma Nu fraternity president, Mike Meissner hopes for 16 or more pledges to Sigma Nu. Meissner said the fraternity may spend up to \$1,000 on rush parties and materials. Meissner also stressed that everyone is welcome to rush Sigma Nu as long as they are carrying eight units and maintain a minimum of a 2.0 GPA.

"The biggest thing we look for are guys that can handle themselves socially," said Meissner. He added that Sigma Nu thinks of itself as a diverse fraternity. Sigma Nu is looking for men who will get along with the other

members of the fraternity, and there are no set rules as to who and what type of person they want as pledges, according to Meissner.

"I think fraternities are concerned with changing their images," said Schneider. Fraternity life, as depicted in movies such as "Animal House" are not realistic, said Schneider. Each fraternity house oversees the studies of each of its members, creating special times and places for studying.

"There are a lot of facts about fraternities people don't know," said Schneider. "They (fraternities) are an excellent opportunity to meet people."

The spring rush schedule begins with an orientation meeting today at 5:30 p.m. followed by house tours until 9:00 p.m. House tours continue on Tuesday and Wednesday from 6:30 p.m. to 9:00 p.m.

Court approves wine rebate

SACRAMENTO (AP) — A state appeals court, declaring "we can outlaw no rebate on wine before its time," has said a wine firm can offer rebates to California customers.

The 3rd District Court of Appeal, in a decision announced Thursday, said a \$1 rebate that Taylor California Cellars announced last year is legal.

But the state Alcoholic Beverage Control Department says it might appeal the ruling and Taylor has no plans to resume the rebate.

The case began last May, when Taylor began advertising a \$500,000 national rebate program, mailing \$1 back to consumers for each 1.5-liter bottle of wine bought.

But the state ABC said the rebate violated a state law that bans "any premium, gift or free goods in connection with the sale of any alcoholic beverage." The rebate was offered in other states, but blocked in California.

The court said 3-0 that "where a manufacturer of wine offers retail consumers a rebate of money, in the form of a refund ... the rebate does not constitute a 'premium, gift or free goods'" as specified in the law.

"Suffice it to say that we can outlaw no rebate on wine before its time," wrote Associate Justice Richard Sims.

Ken Byers, senior counsel for ABC, said the department would read the decision and "would look strongly toward appeal."

John De Luca, president of the Wine Institute, an industry lobbying group, said the group voted months ago to ask the Legislature to clarify the law.

Tourists allowed in park

YOSEMITE NATIONAL PARK (AP) — Tourists were allowed into Yosemite National Park again Friday after a 24-hour closure forced when trees toppled across roads during a violent windstorm.

All roads into the park were reopened at 9 a.m., spokeswoman Lisa Dappich said.

Thursday morning's sudden windstorm resulted in one death. A falling tree crushed John Douglas Callaway, 23, of San Jose, in his canvas-topped tent cabin. Ms. Dappich said.

Callaway worked for Yosemite Park & Curry Co., the park's concessionaire.
Meanwhile, crews in the Pincrest area farther north in the Sierra Nevada were repairing downed electrical lines and removing trees from roads Friday.

Gusts of wind as high as 68 miles an hour were reported in that area Thursday morning, and trees damaged at least nine buildings, Tuolumne County sheriff's officers said.

NOW PILOT IS TWO POINTS UP ON THE COMPETITION.

FINE. THAT'S MY POINT.

EXTRA FINE. THAT'S MINE.

If you love fine writing, now you can choose between two Precise Rolling Ball pens that write so fine yet flow so smoothly you'll wonder how we made it possible.

And it's only The Precise that allows you to write so beautifully in either fine point or extra fine point.

The price? It's even finer. Only \$1.19 each.

PILOT PRECISE ROLLING BALL PENS. 2 OF THE FINER THINGS IN LIFE.

PILOT precise Rolling Ball

Charlie's IN ASSOCIATION WITH ONE WORLD PRODUCTIONS PRESENT

LIVE REGGAE

EVERY WED. NIGHT 9 PM STARTING FEB 1ST

FEATURING THE ONE WORLD REGGAE BAND


Charlie's CORNER OF S. MARKET & SAN FERNANDO SECOND FLOOR, DOWNTOWN SAN JOSE • 298-5555 • \$3. COVER/ID REQUIRED • \$2. COVER W/ THIS INVITATION

Adult Books & Video

One of the Largest Sections of the Latest Adult Material in Books, Magazines, and Video Tape Rental

\$5.00 per day

389 So. First St. at W. San Salvador 294-2135
Open 8 a.m. to 2 a.m. Daily
Call our Pink Cat Theater For Our Latest Features
25 W. San Salvador at So. 1st 998-9488
\$2.00 Admission for SJSU Students



206 So. First St. Phone: 295-9778

Middle Eastern Food
Specializing in Turkish Cuisine
Breakfast and Lunch Open M-F 8am-6pm
10% Discount with this ad

PREPARE FOR:

LSAT • GMAT • GRE
MCAT • DAT • GRE PSYCH
GRE BIO • MAT • PCAT • OCAT
VAT • TOEFL • SSAT • PSAT
SAT • ACHIEVEMENTS • ACT

Permanent Centers open days, evenings and weekends • Low hourly cost. Dedicated full-time staff
• Complete TEST-N-TAPE facilities for review of class lessons and supplementary materials • Courses taught by skilled instructors • Opportunity to make up missed lessons • Voluminous home-study materials constantly updated by researchers expert in their field • Opportunity to transfer to and continue study at any of our over 115 centers

MSKP • NATIONAL MED BOARDS
VQE • ECFMG • FLEX • NDB • NPB
NCB-I • NURSING BDS • CGFNS
CPA • SPEED READING
ESL INTENSIVE REVIEW
INTRODUCTION TO LAW SCHOOL


Stanley H. KIPLAN
EDUCATIONAL CENTER

Visit Any Of Our Centers And See For Yourself Why We Make The Difference
Call Days, Evenings & Weekends

TEST PREPARATION SPECIALISTS SINCE 1938
DAVIS (916) 753-4800
RENO (702) 329-5315
BERKELEY (415) 849-4044
PALO ALTO (415) 327-0841
SAN FRANCISCO (415) 433-1763
SANTA CRUZ (408) 429-6524

Permanent Centers in More Than 115 Major U.S. Cities & Abroad
For Information About Other Centers
OUTSIDE N.Y. STATE CALL TOLL FREE 800-223-1782

YOUR JOSTENS CLASS RING



YOUR CHOICE OF ANY JOSTENS WHITE LUSTRIUM RING FOR ONLY \$31 A MONTH IN 4 MONTHLY PAYMENTS

See Your Jostens Representative About Jostens Easy Payment Plans

Jan. 30-Feb. 3 9-5
Date Time
Spartan Bookstore
Place

VISA MasterCard Jostens

Jostens is the Official Awards Supplier of the 1984 Olympic Games

FINANCIAL ASSISTANCE — FINANCIAL ASSISTANCE

If you ...

- are planning to pursue a career as a bilingual teacher
- can demonstrate proficiency in oral and written Spanish or Vietnamese
- can demonstrate financial need

... you may be eligible for FINANCIAL ASSISTANCE through the BILINGUAL TEACHER GRANT PROGRAM.

Applications for the Bilingual Teacher Grant Program are available in Sweeney Hall 435 or call 277-2946 for more information.

THE APPLICATION DEADLINE IS FEBRUARY 9, SO ACT NOW!

Grande Pizzeria

RESTAURANT FOOD TO GO

Presents:

SJSU SPECIAL
\$1.50 OFF
Any Size Pizza of Any Style

Giant Pitcher of Beer
\$2.25 (Bud Only)

292-2840
150 E. San Carlos (By Men's Gym)

Exp. Feb. 28, 1984

COUPON