Dr. Charles E. Bures, 64, Caltech professor of philosophy, died Tuesday at Huntington Memorial Hospital following a long illness.

Diagnosed as having stomach cancer at the beginning of last summer, Dr. Bures was treated surgically and continued teaching until shortly before the time of his death.

Dr. Bures was a member of the Caltech faculty since 1949, when he came here as an assistant professor. His specialties have been the philosophy of science, the concept of probability, and eastern mysticism.

Born in Cedar Rapids, Iowa, he graduated Phi Beta Kappa from Grinnell College, Grinnell, Iowa. His master’s and doctorate degrees were obtained from the University of Southern California, and the University of Oregon. He was a personnel administrator for North American Aviation before coming to Caltech.

Dr. Robert Huttenshake, chairman of the Division of Humanities and Social Sciences, calls Bures “one of the most influential professors, a dedicated and superb individual.” He stated that Bures’ instruction was always very personalized, in spite of the large class enrollments he drew. “Chuck Bures is a

Continued on Page Seven

Nuts Briefs

The Amazing Editor Says .. .

Photos of seniors in one option have already been pasted up in The Jag T and others are now being subjected to the process. Have you turned in your senior photo?

Buy Lots of Food

The Caltech Food Co-op sells food (vegetables, fruit and cheese) to nonmembers from 5 p.m. to 7 p.m. Thursday evening, at their garage at 375 So. Michigan (on Constance facing ‘yes’).

Watch Your Weight

At the Health Center

There will be a Diet Watchers meeting Thursday from noon to 1 p.m. in the Health Center lounge. For more information contact Doreen Kroeger at x2594.

Learn Econ

Phillip E. Vincent, Assistant

Continued on Page Seven

IHC Picks Food Plan

by Alan Silverstein

There was little discussion or dissent as the HIC voted in a meeting last Monday to accept the ten-meal-a-week version of Plan 1 of the food service proposals for next year. HIC Chairman Kleckner met with Mr. Gang, Manager of Residence and Dining Halls, later than afternoon to inform him of the decision and to begin ironing out the details — mainly, which of the several company’s bids to take. The bids were returned about a week ago on four different plans, from “cadillac” (no. I) through mediocre (2,2a) to bare essentials (3), each of which could be implemented 10, 11, or 12, or 10 meals per week. All of the proposed costs were surprisingly low. In consideration of the various estimates and feedback received from their respective constituents, the seven house presidents at the meeting first voted unanimously to adopt the minimum ten-meal plan.

Three followed a little conversation on the possible merits of the three less ritzy options: then the unanimous decision was made to go with the cadillac plan, because it will run only about $2,700/day and will save the houses hiring waiters (to the tune of about $300/year).

Unless there is some unforeseeable change of mind, then, we can expect free hot lunches and five hot dinners a week next year, with limited seconds, and student waiters hired by the service. Kleckner said things will be finalized before May 6; in the meantime he and other members of the HIC will be working with Mr. Gang to insure that the company chosen can and will provide quality food as promised, at the cost offered.

Guts of the Problem

THE DIGITALLY STIMULATED ORGAN preformed Friday at the All Saint’s Church.

Photos by R. Feldman

Volume LXXV Pasadena, California, Friday, May 3, 1974

Number 26

Dr. Bures Dies;

Loses Year-Long Bout With Cancer

by Richard Beatty

The ASCIT Bus, a twelve passenger GMC van, is available to ASCIT members and their guests for just about anything they have in mind. The bus was given to ASCIT by the Gnome Club, a remnant of one of the last frats at Tech in the 20’s. The Gnomes simply wanted to provide Techers a way of getting places to do things that they otherwise wouldn’t be able to do because of a lack of transportation. This can be things such as concerts, shows, classes at Oxy, or random things such as dinner flicks and grocery shopping.

It is important to see that the students get the most benefit out of the bus; when conflicts over desired usage arise, this will be the guiding principle. The driver of the bus must have either a California Class 2 license or be licensed in their home state to drive a twelve-passenger vehicle (other states call this a Chauffeur’s License). The driver must be an ASCIT member; whoever uses the bus is asked to pay 10 cents per mile of use and return it with a full gas tank. To reserve

Continued on Page Three

The ASCIT BUS IS HERE!

Dick Beatty initiated service between Beckman and Millikan last week despite a few problems with security.

Photos by R. Feeney
Myths Revealed

Today’s Caltech Forum section contains a letter written by the student representatives on several faculty committees. Included within this letter is an excellent analysis of two prevalent attitudes among faculty towards catalogue requirements and undergraduate education as a whole. In addition, the letter describes the remarkable lack of concern for individual student problems which many faculty committee members seem to express.

The editors of The California Tech wish to thank the four students who took time to write this letter. Their positions on faculty committees give them insights into the workings of the faculty mind that no amount of external investigative reporting could produce.

Finally, the editors would like to point out the significance of this letter. Four students who should be deeply involved with student-faculty interaction have been so disillusioned by their experiences on faculty committees as to conclude that most members of these committees are more interested in the specifics of institute requirements than they are about student needs. Considering the positions held by its authors and the conclusions reached in it, there could be no stronger indicator than this letter that the presence of a flexible, individualized educational environment at Caltech is indeed a myth.

—R. Gruner
Dennis L. Mallonee
Sweeley

A Visit From...

Uneasy? Try Visiting

by Chris Harcort

Many members of the Caltech community have a vague feeling of uneasiness when it comes to the policy decisions made by “The Institute”. Much of the cause of this is innocence as to the manner in which these decisions are made.

This innocence has only the force of inertia to sustain it. One can always go directly to the powers-that-be, e.g. 3rd floor Millikan, but there also exist channels which can be used. One of these is the visiting committee.

The visiting committee is a device which exists in multiplicity, one visiting committee for each division. It is composed of a mixture of trustees, alumni, and concerned professionals, the usual sum thereof being fifteen members. Once a year, as one might suspect, the committee visits its division.

A Flexible Device

Like many other Institute functions, this visit is a very flexible thing. It is, essentially, another forum for communication. It is utilized by as many parties as possible. The faculty uses it, of course. When, last Friday, the Humanities committee visited, the students used it also, as did the administration through the presence of Dr. Christy. Topics which arose for discussion included opinion requirements, the value of the researcher as teacher, the status of Social Science in the division, and the weakness of teaching evaluation relying solely on the Teaching Quality Feedback Report. The latter has appeared in other divisions, also.

Continued on Page Seven

The ASCIF FRIDAY MOVIE

Getting Straight

at 7:30 and 9:30 p.m.
in Baxter Lecture Hall

Admission: 50¢—ASCIF members and their guests; $1.00—anyone else

Next Week:

What’s Up Doc?

I STINK, THEREFORE, I AM!

©COLLEGE MEDIA SERVICES-BOX 9411-BERKELEY, CA 94709
Class Offices To Be Contested

by Dick O'Malley

The BOD opened nominations for class officers Wednesday night. They will remain open until 5:00 p.m. May 10; elections are scheduled for Tuesday, May 14. Unfortunately, there is still no Election Chairman.

In response to this ridiculous situation, the ASCIT Secretary (who doesn’t want to get stuck again) has put out an impassioned plea for someone to apply for the job. Sign-up sheets for class officers (president, vice president, secretary, and treasurer) and the ASCIT offices are still vacant (Election Chairman, Big T Editor, Publications Darkroom Chairman) are located on Flora’s door in Winnett.

In other action Wednesday, the BOD made the ASCIT Bus official by adopting a resolution about it; fixed the rental costs at ten cents per mile plus gas; and made Dick Bratty responsible for it. The Black Student’s Union got their budget allocations for the next two terms right away ($50). Nothing else had to be done. The next meeting will be held on Wednesday, May 8, at 7:45 p.m.

Musical Catalogs

Dean Presents Screws

by Tim Groat

The Chairman of the Academic Policies Committee, Prof. Richard Dean, has added more insight to the discussion of Institute graduation requirements. In discussing this subject with the Tech, he explained that the proposal presented in last week’s Tech has several drawbacks that students should be aware of.

The main problem is that the work will be adjusted so as to fit into whatever formula is needed to make up the 516 units. In many cases, courses might have to be eliminated, leaving the material to be added on to some other course (i.e., more work for less credit). Awarding credit for things like Geology summer work and research will become an extravagance. Either worthwhile projects will be laid to rest, or you will have to do it for little or no credit.

The awarding of lab units is another problem that will be caused by the magic number of 516 units. Some options have to have large lab requirements, while others (such as Math and Humanities) aren’t built around lab work. Either work will have to be created to fill the gaps in some options, or compressed into fewer classes in order to make room for lab work in others.

Having a base level of 516 units will also encourage many students to try to earn a degree in three years. While this is possible for really good students who can place out of many of the basic courses, it could also encourage those who aren’t really qualified to try to make it anyway.

The Institute’s program has been mainly Options-oriented, and most of the faculty would like to see it remain this way. The program is better set by the needs of the option than by a series of bits in the Registrant’s computer program.

Gifting Suggestions

Thoughtfulness Albums
Kospeake Albums
Photo Albums
Playing Cards
Gift Books
Gift Wrap
Stationery
Notes
Writing Instruments
Candles
Candle Holders
Party Accessories

Why
limit yourself to one
Mothers’ Day card?

Mother’s Day is Sunday, May 12.
Here’s a handy greeting card checklist for all the special mothers in your life...

Mother
Grandmother
Mother-to-be
Mother-in-law
Wife
Sister
Daughter
Secret Pal
Sister-in-law
Maids
Secretary
Girlfriend
Mrs. Brown
Dr. Smith
Nick Hale
Flora
Jennifer
ASCIT President
Other females

Saturday Grubbies Are Not
Lee Browne’s Sole Concern

by Kelly Bratty

Mention the name “Lee Browne” to most Techers and the usual response will be, “Isn’t he the guy who brings all those kids on campus every Saturday?” But as Director of Secondary School Relations for the Institute, his job involves many activities other than the Saturday School program.

Not many people realize he visits over 200 high schools across the country each year. He has funded demonstration lectures by Caltech students at other schools, and has even sent current college-level text books to high schools, with weak science programs.

“I see my job as one of interpretation,” he says. “In one way I try to explain to them and in another way that professor cannot,” he explained to a Tech interviewer.

“You see, most Caltech faculty only get to interact with a student after he’s applied here. But I talk to students about Caltech before they apply, usually in their sophomore or junior years.”

Attention Grabber

His methods may be something of a shock to some of arranging an appointment, Dr. Browne will often “appear” in the principal’s office, ask to see the chairman of the science department. “Once I have a visit from a principal, usually the next day or the next week, I’ve got it made.” After a friendly and somewhat probing discussion, he explains that the chairman may find himself talking to individual students, teachers, or entire classes.

“The idea of a black Caltech faculty member visiting their school has a great impact on the kids, and seems to really get their attention.”

Working with high school science students is nothing new to Lee Browne. For many years he was one of the finest high school chemistry teachers in the Los Angeles area, nurturing award-winning chemistry students and programs. Dorens of his ex-students have gone on to Caltech.

The Saturday School

Of course, one of his main activities is the Saturday School program, which has drawn talented junior high school students from all over the nation, including Los Angeles area. The program, which has drawn talented junior high school students from as far away as La Jolla and Bakersfield. With as many as 900 prospects each year (many of which are turned away), Saturday School exposes these students to almost every facet of science at Caltech. The program has come up with positive results; 15 “alums” of the program have become Caltech students.

In spreading the name of Caltech he also brings science classes onto the campus, giving them a tour and one or two lectures focusing on areas of current research, in addition to a Chandy lecture.

“Most kids think that they have to have a 4.0 or score 800 on their Level II Math test to get into Caltech,” he stated. He feels many qualified students never apply because they think they don’t have a chance to get in (which, as we all know, is a misconcipation and total fallacy).

“That’s my real job,” he confided, “telling kids how easy it is to get into Caltech.”
S.F. Mime Troupe Today

by Karen Maples

A truckload of wisecracking jugglers with brass band accompaniment descends upon a strike-bound dock to the surprised delight of picketing longshoremen...a pack of zanies in rags and greasepaint pops up in a ghetto schoolyard to win young hearts with clowning hijinks...hardhatting political satire captures a crowd of 500 sprawled on the grass of a neighborhood park. They are tourists and toddlers, picknickers, panhandlers, exotically-garbed street people, and nice young couples from suburbia—an audience drawn together by theater that goes out to them.

It's all in a week's work for the San Francisco Mime Troupe, a critically-acclaimed street theater appearing on the Oliver Walk today at noon. The Caltech Y and ASCIT are co-sponsoring this event, with free beer and pretzels to further spirit the quad. The San Francisco Mime Troupe started out in 1959 doing mime in a style based on Charlie Chaplin, with the idea of bringing some life back to the Theater. "We chose mime because it demands that there be life in the performance: with no scenery and no dialogue, only the actors' skill and energy keep the audience watching. We now

Continued on Page Six

THE SEDUCTION OF THE SPIRIT

THE USE AND MISUSE OF PEOPLE'S RELIGION

■ An autobiographical odyssey from the best-known, most iconoclastic and best-selling writer on religion in America today
■ "Brilliant."—The New York Times
■ The best book to read to discover the new theology in the making."—Chicago Sun-Times

by Harvey Cox

The Secular City

author of The Secular City

$2.95 • A Touchstone Book published by SIMON AND SCHUSTER

THE CALIFORNIA TECH

Friday, May 3, 1974

Page Four
Have You Ever Heard of Randy Mink Before?

By Randy Mink

Acapulco City and what’s in between offer the student traveler a mixed bag of vivid experiences. Rich in ancient history and culture, the seaside resorts are a contrast to the metropolis of 8,500,000. You can spend weeks there without ever meeting a student. We have noticed a pattern of students who have never attended a meeting of the undergraduate Student Representation Committee which forces students to wait up to three months to have their petitions considered. This has been a significant than to continually rewrite old, tired proposals. Even so, we are of the opinion that student representation be in the basis of personalities and politics, rather than on the issues. At an undergraduate level, we urge ASCII to appoint student representatives who are truly student oriented. These proposals are made with the goal of reawakening faculty interest in undergraduate education and of fostering active student participation in these matters. We have seen too many audits of student houses grants to a few undergraduates a cash prize from $50 to $150 from the Don Shepard Award Fund. Recipients of the award must be residents of the undergraduate student houses and applications must be received before May 24, 1974. The Award was established by Mr. and Mrs. L. E. Shepard of San Marino in memory of their son, Don, a former Caltech student who was tragically killed in a plane accident some years ago. The purpose of the Award is to allow some students who have little or no funds left after meeting the expenses of tuition and subsistence, to lead full lives through the enjoyment of good theatre, good music, good books, etc.

Applications should be addressed to the Master of Student Houses in the form of an essay explaining why the applicant feels he should receive the award and how he would utilize it. Recipients will be notified in the June Edition of the "Student Guide to Mexico".

SUMMER JOBS

Volunteer needed for temporary job. Work where you earn a valuable work experience while earning top pay. We need:

CLERKS

RECEPTIONISTS

STATISTICAL CLERKS

BUSINESS OFFICE

ALL OFFICE SKILLS

Come in to apply or call for more information.

VOLT INSTANT PERSONNEL

1033 E. Main, Alhambra 282-3124

Now Showing:

"Seeds of Lust"
A completely new show every Tuesday

Calltech students $1.50 off regular admission with this ad

2226 E. Colorado Blvd., Pasadena
No One Under 18 Admitted
Health Center Still Threatened

by E. Squirrel Mole

Despite placations and assurances issued several weeks ago as a result of the threat of closure over the possibility of closing the Health Center at sight and on weekends, there are rumors that the name could be dropped on weekends and to reduce night coverage to an LVN (Licensed Vocational Nurse) instead of the present RN (Registered Nurse).

These rumors, which would not take effect until next academic year, would mean that everyone would be kicked out of bed on Saturday morning, being sent home if they were not seriously ill, or to the Huntington if they were. In addition, treatment at the center would be curtailed, since an LVN cannot legally do many of the things that an RN can.

Visiting Committees

Continued from Page Two

Support your EPC!

What role does the visiting committee play in all this? It has that rare and rarefied quality which makes it impossible to say exactly what it is that it does since it can be anything from a social event to a grand jury investigation, from a full-scale management to a handy little committee to improve the performance of a particular employee. It is, however, somewhat irrelevant that the actual power of the committee lies in the willingness of the administration to improve itself and the Institute. The Institute wants to improve itself; it only waits to find out how.

If you have a thought or contribution to make, find out where your committee will visit, and ask to participate. Speaking up is the only way to find out where you stand.

The visiting committee for Engineering will be here May 6th.

Try Him Again

While discussions continue in committees, most of us are left in the dark about what is really happening. The staff members are uneasy about the future of their jobs, since the planner cutbacks obviously mean that somebody has to go. Students are worried about the possibility of not having a Health Center to go to in an emergency, since the difference in time between going to an on-campus location and going to the Huntington could very easily mean the difference between life and death.

It is not too late to stop this. There are plans for closing. Anyone who cares about the future of the Health Center is urged to contact representatives mentioned above (who are listed in the Institute catalog). In addition, there is an ad hoc committee investigating the Office of Student Relations, to which the Health Center reports. Its chairman is Dr. Anson.

News Briefs

Continued from Page One

Professor of Economics at the University of Southern California, will teach Econ 101, the first quarter of next year. The course will generally cover "Public Sector Economics." The present class is scheduled for Mondays and Wednesdays from 1 to 2:30 p.m.

Free Movie

At Museum

Caltech students, faculty, and staff are invited to a free showing of the movie Beehive at the Pasadena Art Museum next Wednesday and Thursday (May 8 and 9) at 8 p.m. The producer, Dr. William Glasser, is the author of Reality Therapy and Schools Without Failure.

Tech About Tech

Continued from Page Four

that the novice was almost as wide as the strip of grass; but he overcame this by covering the central area several times. Another problem he faced and vanquished was the fact that there was hardly a single open stretch of grass longer than five feet. As a result, all these difficulties he managed in thirty minutes of pacing and sharp bent to mow in a cursory fashion an area normally cleared meticulously by a man on foot with a pushable power mower in ten minutes. That's Enterainment.

Revere Baseball

Continued from Page Eight (small college) champions. Hopefully, this year they will hold La Verne to under fifty runs in the three game series.

Tech is looking forward to an end of the season series with the yet wireless Pomona team. They will try to win two out of the three games of the series to smash out of the cellar. When Tech defeated Pomona twice last year, the L.A. Times was prompted to write an article explaining that Pomona’s losses were a result of the academic excellence of the college. So come down to the athletic field on May 11, bask in the sun, and watch Tech tan Pomona and improve its academic rating.

Thank-You Letter

Continued from Page Two

Fortunately, he overcame his temptation to order a new set of plates. One is to supply information to the trustees. Two is to provide the dignity of an external perspective, a new source for self-evaluation. There is for the directorial pleasure of using the committee as reinforcing leverage for its demands to the administration. Coercion

The only real power that the visiting committee has is through the coerince force of its trustee members. This is, however, somewhat irrelevant that the actual power of the committee lies in the willingness of the administration to improve itself and the Institute. The Institute wants to improve itself; it only waits to find out how.

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LaVerne This Saturday
Baseballers Split Decision in First Win
by John Dilles

Last Saturday, April 27, the Claremont Beavers met the Pacific Christian Deacons at La Palma Field in Anaheim for a twilight double header. Caltech, who had lost their two previous games of the season to Pacific Christian, came back on Saturday to split the double-header. Caltech racked up their first win of the season in a 12 to 9 victory in the first game, then dropped the second to Pacific Christian 8 to 2.

Bob Pleva and Ed Rea had outstanding games. Pleva got six hits on the night, and Rea pitched his way to his first victory. Rea hit a game-winning triple (his fifth of the season) in the top of the eighth inning to drive in Pleva and John Dilles, then scored on a passed ball. The game was forced to go on an extra eighth inning when Pacific Christian pitchers Hawley and Burcott. The leading batters in the first game were: Pleva (3 for 5), Rea (2 for 5, 2b, 3b, 2 rbi), Kistler (4 for 4, 4 rbi), and Mitchell (1 for 4, 2b). Franks, Stemple, and Dilles picked up lone hits.

Although, Caltech outhit Pacific Christian six hits to five in the second game, they lost 8 to 2 because of five errors and numerous passed balls. Pleva continued his great night at the plate in getting three more hits to bring his total to six. Rea and Stemple lingered long singles, and Don Franks drove in three runs with his double in the seventh. Chuck Kistler pitched very well allowing only two runs on two hits, two errors, and three walks in four innings. Dilles pitched the final two innings giving up five runs on three hits, three errors, and no walks. Pacific Christian pitcher Noyes struck out nine and walked one in allowing only two runs on six hits.

This Saturday's double-header will be played at La Verne at noon. Tech expects a real treat from the 1972 NAIA Champions.