Human Ties at OXY

Once again the Registrar has altered in pre-registration week, adding each student a list of courses to be offered next term. This most recent list didn't differ much from those in the past, with the exception of the courses to be offered in Biology, Chemistry, Mathematics, Physics and the like. Nor are the offerings in the humanities or social sciences more abundant than normal.

Elminating freshman courses (i.e., 1, 1L, 1T, et al.), introductory courses (i.e. Ec 11, Ec 15, H 8, etc.), specialized courses (tutorials, reading courses, independent projects) courses (selected topics in history, philosophy, et al.) leaves very little choice. Indeed: 1 in 4, in economics, 5 in history, 1 in linguistics, 9 in the three foreign languages, 12 in literature, 1 in mathematics, 4 in philosophy, 3 in political science, 1 in psychology, and 12 in the social sciences.

These fifty-three advanced humanities and social science courses appear quite adequate until the student applies the final constraints of his or her schedule. Naturally, most students will find some of these courses of no interest. Of those which remain, some will require prerequisites (such as fluency in a foreign language) and some will not fit into the student's schedule. If you're one of the few humanities or social science majors on campus, if you're just looking for some courses to balance all that math, or if you're searching for an interesting humanities course to fulfill your program's constraints things could look pretty grim. But don't be discouraged. Tech offers many humanities/social science/art courses that never get into the registrar's course list. Take for example:


Afro-American Literature: A study of the historical, biographical, and imaginative materials which reflect the unique experience of Black writers within American culture. T, W, Th 1–2.

Basic Drawing: Representation of objects in space, and expressive manipulation of black-and-white media. T, Th 2–5.

Art of Japan: Sculpture, painting, and the minor arts viewed in their respective stages of development. T, Th 2–4.


Creative Writing: Theory and practice in the art of literature

Continued on Page Eight

Wet Dirt

by Alan Silverstein

It's once again that certain time of year, in the limbo after Interhouse but before Thanksgiving, when the lowerclassmen of Caltech get to show their true grit—and take some of it home with them in immeasurable orders of magnitude. This demonstrates that experience isn't required—just the above-mentioned brute force and ignorance. Large numbers help. So does a natural talent for wallowing in the mud.

The rules should be printed in full elsewhere in this issue. Read them carefully, memorize them, and discuss them with your friends, because the juniors intend to follow them quite closely, when it's convenient.

All Frosh and Sophomores are hereby invited to take part in the Mudeo and probably get on TV and in the newspapers. Don't appropriate garb, i.e., nothing but the freshest. What the freshmen may ask, "Why the $500's are you blabbering about? What's a Pit? Well, it's like this, you see:..."

The unsuspecting freshman may be, "What the $500's are you blabbering about? What's a Pit? Well, it's like this, you see:..."

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Open Millikan!

Sooner or later, someone out there is going to have to deliver a requisition for the late night troll. No, not for those physics lab fanatics or the Robinzon-for-the-night astrophysics gang, but for the humanitarians, biologists, chemists and mathematicians who are finding themselves summarily evicted from the premises of Millikan Library at the preposterously early hour of one o’clock in the morning.

Techers are not a rise and shine group (eat your heart out Anita Bryant). One in the morning is a peak period for trolling for the average student, at least more of a peak period than eight in the morning when the portals of knowledge open. The need to save money in these belt-tightening, frill-deleting, fisically-fincky days of budgetary restraint is recognized, but the small gains made by closing Millikan an hour earlier to conserve electrical costs by no means outweigh the losses to the student body. Millikan is one of the most vital parts of Caltech and reducing the time Millikan is open serves only to reduce the reputation of this institution.

Ready information is the source of education. If the late night trolls’ life-blood continues to be completely constructed by you who can alleviate the situation, then they may disappear, but their spirit will be front-row center at your requiem.

—Sandy McCongridale

3-Way Tie in Sahara

In less than 72 hours after the Tech came out against the imperialistic tendencies of Morocco in the Spanish Sahara, the Moroccan were pouring back into Morocco with nary a drop of blood split on the Saharan sand. Morocco, Spain, and Mauritania came to a peaceful agreement by which all three split the proceeds from that luckless phosphate mine equally while Morocco and Mauritania dry up the land involved in a fairly equitable fashion between themselves.

The moons and tribemen living in the Spanish Sahara seem to be conspicuously lacking from the agreement, but are certain to be cared for by the world-famous welfare programs of both Morocco and Mauritania. This time there was enough of the Sahara to go around. Let’s hope that if a second partition of the Sahara is necessitated it will be conducted peacefully.

—Sandy McCongridale

THE CALIFORNIA TECH

Friday, November 21, 1975

Vienna String Trio

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Dr. Stever has a long and distinguished science and administrative career. He was at MIT for many years and was named the president of Carnegie Tech in 1965. In addition he currently functions as President Ford's Science Advisor. By the way, if you have any good, practical ideas for Decompression Chamber activities you'd like to see, let us hear from you,

Dr. Stever's title for his presentation is "Do We Need a Research and Development Renaissance?" This will begin at 8:00 p.m. in Ramo Auditorium, and it's open to the public, and of course there is no admission charge.

Dr. Stever has been the folksinger's function to both entertain and to satirize. Many of today's "traditional" folksongs began as vehicles for social protest—everything from the poignant "You Get No Bread With One Meatball" to the humorous "Yankee Doodle".

Pete Seeger is the modern version of this phenomenon—in addition to being a performer par excellence, he is a deeply concerned human being.

Thursday's fare ranged from the traditional "John Henry" to the modern folksong "Little Boxes"; from the serious "You've Got to Walk That Lonesome Valley" to the whimsical "Mama Gave Me a Penny to Buy Some Candy", a 1940's song

The issues Seeger chose to sing about were "down home" issues. He reminded the audience that although ecology is no longer "in," pollution still exists. The song "That Shoop Cleanwater" was a disconcerting description of urban filth and its effect on the natural environment. "How Are You Going to Save Tomorrow?" was a hope-inspiring number about the plastics poisoning the Hudson (during which he commented he had known what was happening to the river long before it moved to do something about the situation) which spoke of some of the measures being taken against pollution. "That's how we're going to save tomorrow!"

"In Bring Back 1899," sung to the tune of "Bring Back My Darling to Me", the appalling story of Big Business' successful lobbying against a severe 1899 antipollution law and its replacement with a weak one which was described with obvious personal anguish. Women's liberation also got Seeger's attention. "I'm Gonna Be an Engineer" detailed the story of a female Tech-type who had dreamed all her life of joining the ME's, but who deferred her ambition to the demands of her mother, boss, lover, and children, being administered by a "duty to be a lady". The song ended on a happier note when the declared "But I'll fight them as a woman, not a lady (And I'm gonna be an engineer)."

A less controversial note, Seeger sang an American version of "Lord Randolph My Son"; "What did you do with all your days, Henry my boy?" in which the mother discovers that her son had been eating "green and yaller" eels; the final chorus was her howl, "Mother be quiet, I'm gonna be sick / And lay me down to die." (What was it that Food Service gave us last night...?) Seeger also told the charming story of a town that was saved from the bloodthirsty giant Abiyoyo by a ukulele-playing lad and his magician father: the lad got the giant to dance himself to exhaustion by singing a song whose words consisted of "Abiyoyo, Abiyoyo, Abiyoyo..." upon which the father banished the sleeping giant with a wave of his hand.

Perhaps the most effective part of the program was a tribute to the black singer Leadbelly. Among the Leadbelly songs to which the audience was treated was the rarely-sung "Bourgeois Blues", written about the time when Leadbelly was in Washington recording for the Library of Congress and was unable to gain admission to a hotel; whereupon he com­forted with the remark, "Don't feel bad, Washington is a bourgeois town."

Seeger also sang a few songs off his new album, ("If you steal from one, it's plagiarism; if you steal from one, it's a business"), including "Bright Early Morning", a pleasant folksy number, and was paid the "Precious Friend, You'll Be There."

Going Out Of Business

On Tuesday, December 2rd, between the hours of 9:00 a.m. and 2:00 p.m. Millikan Library will celebrate its first annual book sale. The Milikan Board Room is bulging with books dealing with chemistry, history, engineering, art, physics and science fiction. Most items will be $2.50 each; excepting being explicit nature. All members of the Caltech family are welcome.

Blue Ribbon For Noll

Dr. Roger G. Noll has been named to a blue ribbon Advisory Panel on Regulatory Reform, charged by Congress with investigating federal regulatory policies and reporting its findings to the Senate Committees on commerce and government operations. Just thought you'd like to know that.
A plethora of motion pictures will be viewable in Baxter Lecture Hall over the forthcoming week. Tonight's ASCIT movie is O Lucky Man, screening at 7:30 and probably at some time two and a half hours later. Tomorrow's programme, shining in the form of a Cinematech Marx Brothers triple feature, starting at 7:30 p.m. And next Wednesday, those who sit in on the Art 101 films will be subjected to a lethal dose of surrealism, as The Seashell and the Clergyman and Un Chien Andalou will be shown at 7:30. In reverse chronological order:

Reviewing a movie musical such as Camelot is like criticizing the hoariest and most venerable Beach Boy records, technically, the movies are mute, and the basic flat and hackneyed means of expression, the heyday of which has long since passed, entertain and escape are enormous. Very few recent musicals match the sophisticated, and fancy-minded (say, Cabaret) because the nature of such films makes for shallow plots, weak characterization, and a lack of humor, all of which is based on a wooden use of song as part of a story of the narrative. Unnatural expression gives a negative appearance in a medium such as the movies which is based on plastic expression and movement.

Camelot is, however, an utterly opaque extravaganza of song and spectacle, with a sort of nuptial appeal to viewers who are involved in that reminiscent thing. Whether one associates this with the Romantic image of the mythical age as King Arthur or with the lost youth and innocence of the quasi-thyestian Kennedy Presidency, the film has the air of a piece of a completely outdated style. Camelot was a 1960 Broadway musical written by Alan Jay Lerner with lyrics by Frederick Loewe, starring Richard Burton and Julie Andrews in the original run. This 1967 film version, directed by Joshua Logan as his life and his kingdom of flashy Italian Nero; once again one glimpses the torment and anguish within the betrayed Caesar, who falls from grace to fall apart for the love of an unfathomable woman. The Infernal Triangle! The actors perform well this stylized moral tale of the Carnal Evil of Woman or the Sin of Fleshly Lust themes from Judeo-Christian culture. Much of the film exploits the movie musical comedy is a factory manner. Surrealists are interested trains of disconnected thought. The film is discontinuous and bizarre, reeking with sticky Freudian botulogy and sweaty sexual overtones—most shocking. The first sequence is a famous cinematic form in which Bunuel performs before the camera. Much of the film exploits techniques of Gestalt association. Obviously, this intense film's thought is based on the author's adulterous disgust for the fettered and inhibited life of the bourgeois. This intense revelation manifests itself on the screen in startling and bitter criticism of bourgeois institutions and morals. Un Chien Andalou is an unpleasant, disturbing film without a theatrical production was directed by Frederick Loewe, starring Alan Jay Lerner with lyrics by Alan Jay Lerner. The portrayal, in his verbose hilarious manner, the parody of the American homey appeal. The other racers are insubstantial and inhibited life of the. They are frequently screwy folk that their most abstruse sexual fantasies would suffer in translation to the screen. Delicately trick photography to produce her desired effect of dreamlike strangeness, which is most likely lost upon modern audiences inured to trickery. 

Once Upon a Time...

"You're one of the most beautiful women I've ever seen, which isn't saying much for you."

Most readers have seen a Marx Brothers film sometime or another. They probably made their best films in the 1930s, screened on rerun-movie TV stations, but lately they have been showing a college circuit revival. Their older style of deadpan merry-go-round humor is especially popular among the young. Former vaudevillians, their form of humor is a wild orgy of senselessness and abandon. There is little difference between one Marx Brothers movie and another. They are insane comic epistles loosely bound to a silly plot, unusual in their variety of characters, and sometimes jokes are transmuted from film to film. There is an obligatory musical number featuring Harpo on the harp and Chico on the piano, and occasionally a scene satirizing musicals.

A combination of four orthogonal personalities: Groucho, the cunning linguist; Harpo, the silent primal Pragoo; Chico, the Italian word-tweister; and last of all, Zepoo, the parody of the All American boy from Blaueville; the Marx Brothers were diverse in personality, but integral as a whole. The combination of each in the same way that sex and sadism go together. Groucho would be roaming on his verbal hilarious manner, and he would be a joint effort of Salvador Dalí and Luis Bunuel, though certainly the contributions of the latter were more significant. Its scenario was derived from automatic writing—the authors let their script develop from disconnected trains of disconnected thought. Result: the film is discontinuous and bizarre, reeking with sticky Freudian botulogy and sweaty sexual overtones—most shocking. The first sequence is a famous cinematic form in which Bunuel performs before the camera. Much of the film exploits techniques of Gestalt association. Obviously, this intense film's thought is based on the author's adulterous disgust for the fettered and inhibited life of the bourgeoisie. This intense revelation manifests itself on the screen in startling and bitter criticism of bourgeois institutions and morals. Un Chien Andalou is an unpleasant, disturbing film without a theatrical production was directed by Frederick Loewe, starring Alan Jay Lerner with lyrics by Alan Jay Lerner. The portrayal, in his verbose hilarious manner, the parody of the American homey appeal. The other racers are insubstantial and inhibited life of the. They are frequently screwy folk that their most abstruse sexual fantasies would suffer in translation to the screen. Delicately trick photography to produce her desired effect of dreamlike strangeness, which is most likely lost upon modern audiences inured to trickery. 

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Interhouse
1975

Photos by
K. Li, B. Nakazono,
and K. Yoshida
Dr. Olga Taussky Todd, Professor of Mathematics at Caltech, has been elected a corresponding member of the Austrian Academy of Sciences in recognition of her accomplishments in several areas of mathematics.

Dr. Todd, an internationally known mathematician, has made major contributions to algebra and number theory. She has published many papers and has contributed to several books on mathematics. In addition to her research activities, she has been deeply interested in teaching and training graduate students here at Tech.

Dr. Todd served in various positions as Goettingen and Cambridge after receiving her Ph.D. from the University of Vienna. She has been at Caltech since 1957. Dr. Todd's husband is also a professor of mathematics here, has an office next to hers, a case of academic togetherness.

Rules

1. TUG OF WAR (a) Each team shall consist of 20 men. (b) At the outset, each team shall exert a small pressure on a 100 foot rope. The teams will pull on each side of a mud pit, with the first 5 men of each team in the pit. (c) At the blowing of a whistle, the tug of war shall commence and shall not cease until one team is pulled completely across the mud pit. (d) Choice of direction shall be made by use of a coin. Six judges shall preside.

2. SACK RACE (a) Each relay team will consist of 10 men. (b) Five men from each team will be stationed on one side of the mud pit while the remaining five will be on the other side of the pit.

(c) At the starting signal, the first man of each team on one side will travel the width of the pit. (d) After hopping from the pit, he will give the sack to the next man on his team who will attempt to repeat the performance. (e) Forward progress can be made only when erect and when at least one hand is holding the top of the sack. (f) The first team having its ten men finish will be declared the winner.

3. WHEELBARROW RACE (a) Relay teams shall consist of 20 men each, working in pairs. (b) At a warning, one member of a team shall be on his stomach and his partner shall pick him up by the feet and move into position at the starting line. (c) At the starting signal, a pair from each class shall proceed wheelbarrow fashion across the pit until the man on hands reaches the end of the pit. (d) At this point, the pair shall reverse positions and proceed back to the start. Upon reaching the starting line, the second pair shall proceed as above. (e) This shall continue until the tenth pair crosses the starting line. The first team having its ten pairs finish will be declared the winner.

4. HORSE AND RIDER (a) A team shall consist of 5 pairs. (b) A pair shall consist of a horse and rider. The rider shall be mounted on the horse's hips and the horse's arms shall be around the rider's legs with his hands clasped in front. (c) The purpose of the contest is to unhorse the entire pair of opponents. A pair shall be considered unhorsed when (1) the horse's hands shall at any time become unclasped, or (2) the pair fails to regain combat position after a fighter's count of 60. (d) Combat position for a pair means that the horse is on both feet. (e) Any pair attacking an opposing pair which is in combat position and any pair not in combat position which attacks an opposing pair, shall be disqualified. (f) The contest will start with a signal and will continue without intermission for six minutes. (d) At the end of the six minutes, the contest will cease on a signal. The team which has at that time the greatest number of tires behind its own goal line, will be judged the winner. (e) A tire going out of bounds will be thrown in again by the judges at the point of departure. A tire going into the goal zone is not in play. (f) The goal zones of each team be directly behind the ends of the mud pit.

Gift Lab

Continued from Page One whose gift helped make the laboratory possible.

The specially designed research laboratory will be used by researchers here in studies of the origin, composition, and movement of atmospheric pollutants in the Los Angeles Basin. According to Friedlander, the 18-foot smog observatory contains the most sophisticated instruments available for measuring the properties of gaseous and particulate pollutants in the air. The new lab has the capability of analyzing air on the site, using specially designed banks of continuous recording equipment. Adjacent to the laboratory itself is a mooring site for a 2,000-cubic foot Teflon balloon used to capture samples of smog for analysis.

Olga Todd

Elected to Academy

Dr. Olga Taussky Todd, professor of mathematics at Caltech, has been elected a corresponding member of the Austrian Academy of Sciences in recognition of her accomplishments in several areas of mathematics.

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Hockey

Shokku

by Bob D. T. Hardy

The players filled into the dressing room after demolishing Cal State Northridge. Everyone was giving Phil Wood a rub on the head or a slap on the back. It was totally his night.

"How many goals did you score, Phil?"

"We had four," said Phil. "Let's see. One, two, three, four, don't tell me, uh four ... many. I scored many goals." Phil Wood is not one of Caltech's numerical wizards, but one should not expect him to be able to count too high. This is for three reasons: 1) he is a Canadian (four is a very large number for a Canadian), 2) he is in the Chemical Engineering department, 3) when Caltech offers its athletic scholarships, intelligence is not looked into. The fact that Phil was unable to count his six goals should not be held against him. Rather, bear in mind that Phil alone scored more than enough goals to defeat the CSUN team.

Northridge worried Tech in the first few minutes of this first game of the season by scoring two quick goals. It was really Cliff Brown's fault. At the Tech goal, Cliff usually prepares for the games by drinking as much as he can. Unfortunately, he was stone cold sober this night. "What a madder!" said a Northridge player, "your goalf. What a madder!""\n
Cliff deserves the credit for three of Northridge's four goals. Other than that, he played a reasonable game.

Three rookies, Jay Killea, John Ting, and Steve Wright, in their debut on the ice for this season, however, was unusual in that Tech only lost four games: 42-0 to Whittier J.V.; 31-10, 27-10 to Claremont; 26-15, 22 to Palos Verdes. It might have been five, but Redlands cancelled.

The season started grimmly, as expected by the performance in its first scrimmage. One player cites the lack of experience as the main reason for the poor showing this year, as there were only four players with more than two years' experience. On the brighter side, there were more linemen this year, which should make things better next year.

Next season should see a better team (maybe even a bonfire?) if a quarterback emerges from the sea of talent around Tech. If you can throw a football you should consider going out for the team. Even if you can't throw, but have some inner voice saying, "Football!" then start getting into shape now! Coach Gutmann has made it clear that in the future a more serious attitude will be taken toward football, which should make playing a richer and more rewarding experience. So start doing some running, weightlifting, and generally getting in good shape if you intend to play next year.

Continued from Page Four

Lindsay Anderson, the director, made a proper documentary film with McDowell, if... if... if..., unlike O Lucky Man, centers upon a single incident, a schoolboy repeats a popular school song, is a disjointed episodic. In O Lucky Man, Anderson tries to make it a typical wet film in convolution films. The film starts out fast, but it bogs down and drags until some dramatic shooting event causes the whole scene to change. These shocking changes become predictable and tiresome. Like Clockwork Orange, it plays on two opposing emotions simultaneously—shifting moods quickly. A scene is regrettable, yet hilarious. The whole plot of the movie is directionless, the unifying factor being McDowell, and music which is performed and written by Alan Price (former leader of the Animals group). McDowell holds on and keeps smiling through every disaster, just as the music optimistically plays on—pushing its life-celebration. O Lucky Man tries to express the joy of living on a bizarre planet, but fails. The end result is that music and McDowell aren't strong enough to hold the film together. It is a test of endurance. How long can Mick last before he completely burns out? How long can the viewer last?

—Robert Tadjina

SPORTS!

by Mike Ma

The Caltech Chinese Student Association played the PCC Chinese Student Association in a preliminary match last Sunday. It was a close match with the CCSA losing 7-8.

70s hipster players on each team; representing CCSA were three grad students and three undergrads (players plus alternate: Ming Cheh, Daniel Kwok, Willie Ng, Khun Chow, Jacob Ng and Chi-Chang (substitute). Each player played three players from the other team. The CCSA team was out of practice and lost all of the first four matches. Jacob Ng managed to win the fifth match and boosted the CCSA team spirit. Even so, Daniel Kwok and Willie Ng managed to win their second matches and CCSA was down 3-7 at the end of the second round. CCSA and PCC were equal on the second round and CCSA would lose the CCSA and PCC would all be over. The CCSA team began to regain much of their skill and Khun Chow, Chi-Ming Chan, Daniel Kwok and Willie Ng all won to bring the score to 7-7. Both fans and players were then excited and enthusiasm reached its peak. Jacob Ng then came on to play the last match against PCC's no. 1 ball-battler ping-pong pro, Sai tran pho lau mai.

0 Lucky Man

Epic Bog

by Peter A. Martin

Continued from Page Four

Chow, no.

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Friday, November 21, 1975

OXY Courses

Continued from Page One


The 1930s and 1960s: Compositions and Compositions. Two pivotal eras of American history viewed thematically. MTh 10-noon.


Harmony. Introduction to harmony practice, including realization of chord progressions and simplification of formal forms. T.WTh.F 1-2.

Beginning Guitar. An introduction to classical guitar including basic techniques and musicianship. M 3-4:30.

Comparative Political Processes: Third World Factors affecting development and change: economic systems, value orientations, political institutions, and alternative ideologies. M.T.WTh. 1-2.

Cultural Thinkers, Philosopher and theologians from Rabbi Akiba to Martin Buber. MTh 10-noon.

Introduction to Chinese and Japan. The history, beliefs, and present practices of Taoism, Confucianism, Buddhism, and Shinto. M-F 1:30.

This is merely a sample of the courses offered at Occidental and available to Caltech students as part of the Caltech/Occidental exchange program. The full list of courses is available from the Oxy registrar's office at 1600 Campus Rd., L.A., CA 90041 or call 259-2700. Those who may be interested and need more information or can offer rides between Caltech and Occidental please contact Jeff Blay (796-6293) or off-campus bus in Lloyd House.

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