Detectives inspect the car in which Assistant District Attorney Edward T. Bighorn III was killed last November. (Photo by Tim Hilty)

**Reg. day poster draws complaints**

By Jack Link

As advertised yesterday by publicity director and designer of MIT Rotch Visual Collections, the Lecture Registration Day movie was advertised yesterday and charged with first-degree murder and armed assault.

On the night of Oct. 2, 1980, Bighorn was fatally shot across the street from the entrance to the MIT campus.

Detectives estimate the car in which Bighorn was killed last

**Hearing held on bill to re-name bridge**

By Richard Salz

The Joint Committee on Urban Affairs held a public hearing at the State House yesterday on the bill to change the name of the Harvard Bridge to the Massachusetts Institute of Technology Bridge.

The bill, Senate Number 1657, is a non-voting member of the joint committee. A number of the students involved were present at the hearing were surprised by her uninformed, and somewhat concerned that they would jeopardize the bill's passage.

The vote was by voice. The final vote was 3-1 in favor of the bill. After a third reading before the court, the bill, if approved, would become law.

**Determined to rewrite the petition**

In response to Graham’s repeated question, Milne pointed out that MIT, being an educational facility, pays no real estate taxes. Rather, the Institute pays the city over $2 million in taxes annually.

Murder suspects apprehended

By Ivan Fong and Jerri-lynne Senfield

Three suspects in the murder of Assistant District Attorney Edward T. Bighorn III were apprehended yesterday.

The suspects were the subject of thousands of students in Kresge Sex World Series Committee (LSC) featured publicity posters, the Lecture Registration Day movie.

LSC chairman. "I don't think it's demeaning to women," said Reg, day movie before the pictures.

"For the most part, they felt the poster was demeaning to women," said Perich. In addition to the complaints, the posters in at least one dormitory were mutilated when an unknown person or group cut out the pictures.

"We're clear, though, whether that was an organized protest or someone collecting pin-ups," said one LSC Executive member.

The drawing was found in a collection of art by the French impressionist Matiss (1869-1945), and was reproduced from a book borrowed from the MIT Rotch Visual Collections.

"As a woman, I don't see anything degrading about it," said Lina Janavicius, LSC publicity director and designer of the poster, "It's a classic, and a beautiful drawing."

The three Registration Day movie posters were designed by women. "We receive complaints every day," said Lucinda Linde, LSC chairman. "I don't think it's in bad taste."

"This is an issue on which there are widely varying opinions on this campus," said Mary Row, coordinator of the Women's Ad- visory Group. "I'm glad to see people are airing their concerns." Rowe reported receiving no complaints, adding that she saw about 8000 people at MIT. "There's a concern that they've been showing them," said the Harvard Bridge is Chairman of the Advisory Group on Representative's Interests (AGWS) said the issue deserves some consideration, due to the strong feelings women stu- dents have about it. Dreselfhah she said she would attempt to add an issue to today's AGWS meeting agenda.

"We have a policy of limiting distribution of Registration Day movies," said Janavicius. When asked if they would release visitors frequent." Posters were also found in DuPont Gymn- ium, where registration was taking place.

Normally all LSC poster designs are displayed in the LSC office to invite com- ments prior to printing. "The registration day poster was delayed because publicity material from the film company was late," explained Janavicius. "If anyone finds the Matiss offensive, they should have seen the publicity photos," said Janavicius. "They were so degrading we were unable to use them. Unfortunately, there was not enough time for a proper review. If there had been, we may have decided not to use the Matiss."

Several Execomm members did not feel the drawing was up- setful.

Normally all LSC poster designs are displayed in the LSC office to invite com- ments prior to printing. "The registration day poster was delayed because publicity material from the film company was late," explained Janavicius. "They were so degrading we were unable to use them. Unfortunately, there was not enough time for a proper review. If there had been, we may have decided not to use the Matiss."

Several Execomm members did not feel the drawing was up- setful.

Normally all LSC poster designs are displayed in the LSC office to invite com- ments prior to printing. "The registration day poster was delayed because publicity material from the film company was late," explained Janavicius. "They were so degrading we were unable to use them. Unfortunately, there was not enough time for a proper review. If there had been, we may have decided not to use the Matiss."

Several Execomm members did not feel the drawing was up- setful.
Fed. loan program to emphasize need

By Tony Zamparutti

Robert E. White was dismissed yesterday from his position as ambassador to El Salvador by Secretary of State Alexander Haig. White has been criticized by conservatives for his statements and actions as ambassador. White advocated links between US military and economic aid to the moderate right-wing government of the nation. White's support for land redistribution in El Salvador also angered Republican conservatives including Senator Jesse Helms, chairman of the Senate Foreign Relations Subcommittee on Latin America.

El Salvador has been torn by a guerrilla war between the existing government and leftists. The Carter administration sent $10 million in military assistance and $90 million in economic aid to El Salvador. In Washington, the Reagan administration has now reviewing United States policy toward El Salvador.

White has been a Foreign Service officer for 25 years. A career diplomat, he cannot be fired from the State Department, but must be offered a new position within 90 days. He was appointed as ambassador to El Salvador last spring.

Graduates:

Seeing Is Believing.

The future isn't so far away...

At Lawrence Livermore National Laboratory, we can make the future a reality.

Not through crystal balls, but through programs we are working on every day.

We continue to be the innovators in areas of laser and magnetic fusion, in defense, physics, bio-medical and environmental research. Much of our work is devoted to the development of pollution-free energy.

There's a certain excitement at LLNL that comes from the revolutionary in-roads which are being developed as a result of our R&D ingenuity.

For our technology, it goes beyond state-of-the-art. We house one of the largest computer complexes in the world and our research facilities are unparalleled.

Above all, you'll find the experience to be gained at LLNL will prove invaluable in tomorrow's world of technology.

I'm a male graduate student from India. In this area I enjoy cross-country skiing, hiking, tennis, scuba diving, and painting.

So come residential camp. Lawrence, needs summer staff in the following areas: watercolor, boating, 8 & C. Jewish culture, nature, anthropology, drama, music, forestry, art, kitchen, head waiter, division headwaiters, 90 male and female counselors. Contact in Writing: Box 900, Aimes St., Boston, MA 02123.

I'm a male graduate student from India. I enjoy cross-country skiing, hiking, tennis, scuba diving, and painting.

So come residential camp. Lawrence, needs summer staff in the following areas: watercolor, boating, 8 & C. Jewish culture, nature, anthropology, drama, music, forestry, art, kitchen, head waiter, division headwaiters, 90 male and female counselors. Contact in Writing: Box 900, Aimes St., Boston, MA 02123.

IT'S HAPPENING AT LAWRENCE LIVERMORE NATIONAL LABORATORY... We're looking for people with creative minds. People who can take the initiative, who can make a difference. People who can shape their own careers. Our work environment is informal, enjoyable, and most conducive to exceptional advances and progress.

If you're graduating with a basic or advanced degree in the physical sciences, engineering, math or the computational discipline, we'd like to meet with you. Our representatives will be on campus.

Ask your Placement Office for details, or contact us for more information by forwarding your resume to:

Employment Division, LAWRENCE LIVERMORE NATIONAL LABORATORY, P.O. Box 808, Dept. JCR, Livermore, CA 94550.

U.S. Citizenship Required.

An Equal Opportunity Employer, M/F/H/V.

...where innovation is based on your creativity.

On Campus:

Lawrence Livermore
National Laboratory
University of California

TUESDAY, FEBRUARY 3, 1981

PAGE 2 THE TECH

COUPLED UNDERWATER TUNNELS

OVERSEA JOB OPPORTUNITIES

Summer Jobs available in Europe & Asia. Australia, Astra All Jobs $500-$1,200 monthly, Saghersfaw Free info. Write: U.S. Box 52-MAS, Corona del Mar, Ca. 92625.

I'm a male graduate student from India. In this area I enjoy cross-country skiing, hiking, tennis, scuba diving, and painting.

So come residential camp. Lawrence, needs summer staff in the following areas: watercolor, boating, 8 & C. Jewish culture, nature, anthropology, drama, music, forestry, art, kitchen, head waiter, division headwaiters, 90 male and female counselors. Contact in Writing: Box 900, Aimes St., Boston, MA 02123.

I'm a male graduate student from India. In this area I enjoy cross-country skiing, hiking, tennis, scuba diving, and painting.

So come residential camp. Lawrence, needs summer staff in the following areas: watercolor, boating, 8 & C. Jewish culture, nature, anthropology, drama, music, forestry, art, kitchen, head waiter, division headwaiters, 90 male and female counselors. Contact in Writing: Box 900, Aimes St., Boston, MA 02123.

I'm a male graduate student from India. In this area I enjoy cross-country skiing, hiking, tennis, scuba diving, and painting.

So come residential camp. Lawrence, needs summer staff in the following areas: watercolor, boating, 8 & C. Jewish culture, nature, anthropology, drama, music, forestry, art, kitchen, head waiter, division headwaiters, 90 male and female counselors. Contact in Writing: Box 900, Aimes St., Boston, MA 02123.

I'm a male graduate student from India. In this area I enjoy cross-country skiing, hiking, tennis, scuba diving, and painting.

So come residential camp. Lawrence, needs summer staff in the following areas: watercolor, boating, 8 & C. Jewish culture, nature, anthropology, drama, music, forestry, art, kitchen, head waiter, division headwaiters, 90 male and female counselors. Contact in Writing: Box 900, Aimes St., Boston, MA 02123.

I'm a male graduate student from India. In this area I enjoy cross-country skiing, hiking, tennis, scuba diving, and painting.

So come residential camp. Lawrence, needs summer staff in the following areas: watercolor, boating, 8 & C. Jewish culture, nature, anthropology, drama, music, forestry, art, kitchen, head waiter, division headwaiters, 90 male and female counselors. Contact in Writing: Box 900, Aimes St., Boston, MA 02123.

I'm a male graduate student from India. In this area I enjoy cross-country skiing, hiking, tennis, scuba diving, and painting.

So come residential camp. Lawrence, needs summer staff in the following areas: watercolor, boating, 8 & C. Jewish culture, nature, anthropology, drama, music, forestry, art, kitchen, head waiter, division headwaiters, 90 male and female counselors. Contact in Writing: Box 900, Aimes St., Boston, MA 02123.
World
Administration to resume Moscow arms talk — Despite accusations by the Soviet Union of US “anti-Soviet campaigns” and harsh criticism by President Reagan and Secretary of State Haig, Administration officials plan to continue negotiations with Moscow on key arms control issues. The talks would be cancelled, however, if the Soviets intervened in Poland, according to officials.

Nation
Census indicates metropolitan area growth — The 1980 census figures reveal that of the 39 metropolitan areas in the US with over a million residents, only seven registered losses since 1970. In spite of sharp population declines in central cities of the North, metropolitan areas there remained relatively stable, the figures show.

Use of wood fuel overtakes nuclear power in US homes — Seven percent of homes in the US now use wood furnaces for heat, according to a study by the Worldwatch Institute. The figure is fifteen percent in New England, and is rising steadily nationwide. Nuclear energy now accounts for 10 percent of the nation’s power, although only 15 percent of American homes are heated with electricity.

College freshmen drift from left to center — A survey conducted by UCLA and the American Council on Education reports that, as far as political labeling is concerned, 60 percent of this year’s college freshmen classify themselves as “middle of the road,” a move from the left to the center. The 291,000 freshmen at 540 colleges and universities are still liberal, however, with respect to views on issues such as women’s rights.

Local
City services to be slashed — Boston Mayor Kevin H. White submitted a partial budget to the City Council Monday which recommended a $97 million decrease from the current budget, in response to the provisions of Proposition 2/1, a resolution passed by Massachusetts voters November 4. Substantial cuts will be made in city services such as fire protection, police protection, and park maintenance.

Sports
NFC over AFC, 21-7 — Detroit Lion Eddie Murray kicked four field goals to lead the National Football Conference to its fourth consecutive and sixth of the last seven Pro Bowls. Murray was named the MVP of the game held in Honolulu, Hawaii.

East over West, 123-120 — The East squad of the National Basketball Association, with Nate Archibald of the Boston Celtics providing the basic plays, won the 31st All-Star Game in Richfield, Ohio.

Weather
Partly sunny, windy, and very cold today. Daytime highs will occur this morning and be only in the 20’s. There is a chance of a flurry or two this morning as well. Winds will bring the chill factor to near -15. Very cold tonight with lows 6-10 and continued breezy. For Wednesday, cold but not so windy. Mostly sunny with highs 23-27.

Graduate Students:
We’re looking for the greatest energy source in the world: Human Potential.

We want people with initiative, energy and the ability to manage responsibility. People with imagination and drive.

At Bank of Montreal, good opportunities grow in proportion to your ambition, leadership potential and personal development. And you will be challenged by decision-making situations every day.

We’ll be visiting your campus in the next few weeks. Contact your Placement Officer for details of the date and times.

We’ll be looking for you.

We are an equal opportunity employer.

Bank of Montreal
Editorial

Another new beginning

At the beginning of each new volume of The Tech, tradition and convention dictate that the new Editorial Board’s vision of the coming year be set down in print. In this manner, the community is presented with a preview of our goals, and the staff with a set of ideals.

As we approach the end of The Tech’s first century of publication on November 16, 1981, the weight of tradition will necessarily play an important role in shaping the newspaper’s direction. Tradition builds upon itself, and it is essential that the current staff both accept the responsibilities and maintain the ideals first conceived by the Tech’s founders, and perpetuated by many others over the years.

A primary responsibility is the provision of an open forum for the diverse viewpoints and perspectives of the members of the MIT community. Although the regular and guest columns of the editorial page should be wide-ranging in outlook, the editorial stance of the paper itself must be consistent throughout.

The Tech, as I hope, strives to advocate the position we feel is right—and stick with it.

Above all, however, The Tech is a newspaper, obligated to present objective, accurate, thorough coverage of issues and events of importance to the MIT community. Although the most pressing, this last burden is also the most difficult to shoulder. If but a little light of us the met, we will have left a fitting legacy for the next century of The Tech boards which is sure to follow.

Brian J. Glass ’82 — Chairman
Richard E. Salz ’82 — Editor-in-Chief
Jon von Zelowitz ’82 — Managing Editor
Richard W. Epstein ’83 — Business Manager
Stephanie L. Pollack ’82 — Executive Editor

Volume 101, Number 1
Tuesday, February 3, 1981

PRODUCTION STAFF FOR THIS ISSUE
Night Editors: Robert W. Leshman ’82, Judy Passman ’83; Staff: Rich Salz ’82, David Shaw ’82, Jon von Zelowitz ’82, Charlie Brown ’84, Paul Gabusda ’84, Bill Gilffe ’84, Tony Zamparutti ’84.

NEWS DEPARTMENT
Editors: Ivan K. Fong ’83, James John Scovil ’83; Associate Editors: Jack Link ’83; Staff: Kenneth Snow ’82, Sarah Light ’83, Eric Dufresne ’84. Production Manager: Frank Hirsch ’84, Thomas Luredo ’84, Tony Zamparutti ’84, Alan D’Haulte G. Cartoonists: Kent Massey ’80, V. Michael Bove ’83, Bill Spitzak ’83. Gen. Appelgrab ’84. Meteorologist: James Franklin G.

PHOTOGRAPHY DEPARTMENT
Photo Editor: Steve Cohen ’84. Associate Editor: James Mihon ’83. Darkroom Manager: Timothy Hoby ’82. Staff: Jim Oker ’81, John Johnson ’83, Eric Dufresne ’84. Al O’Cernan G. Photographic Consultant: David Tenerbaum 75.

SPORTS DEPARTMENT
Sports Editor: Eric R. Fleming ’83. Staff: Steve Kim ’83, Barry Surman ’84.

ARTS DEPARTMENT
Arts Editor: Lisa Buchholz ’81. Staff: David Shaw ’82, Eric Sohn ’82, Mark DeCew ’84, Jonathan Richmond G.

BUSINESS DEPARTMENT

PRODUCTION DEPARTMENT

CONTRIBUTING EDITORS
Kevin G. Osborn ’82; Linda A. Schaffir ’82; Indexing Project Representative: A. David Boccuti ’79.

SENIOR EDITORS
Steven L. Solnick ’81, Robert W. Leshman ’82, Gordon Hunter G.

The Tech (ISSN 0148-9607) is published twice a week during the academic year (excluding MIT vacations) during January, and once during the last week in July for 57/30 per year Third Class by The Tech, 84 Massachusetts Ave., Room W20-242, Cambridge, MA 02139. Third Class postage paid at Boston, MA. Non-Profit Org. Permit No 59720.


The idea, so I hoped, was to show the hostages that we had not forgotten them during their long months of captivity. For once, Americans were waving at the hostages, and elsewhere—came for the sake of the hostages. The weather was perfect—sunshine of the type rarely seen in Washington, even in mid-summer. I had even bought an overpriced button with two yellow ribbons taped to it, which read “Welcome Home Hostages.” And the crowd around me, with their ribbons and American flags, seemed equally happy and excited. No one had come for the view, that was for sure. The pictures on television were much clearer—you could see the smiling faces of the 52, and gain a much better perspective on the enormity of the crowds. Neither was it necessary to join the crowds to listen to the ceremony on the South Lawn live—it was nearly impossible to hear without the aid of a portable radio.

I truly want to believe that all of the crowds—those in West Point, Washington, New York City, and elsewhere—were for the sake of the hostages. The idea, so I hoped, was to show the hostages that we had not forgotten them during their long months of captivity. For once, Americans were waving at the guests of honor at a parade—not as at the television cameras.

After spending a few hours in the crowds, I was happily able to conclude that this was so. The thousands of people who filled Washington’s streets last Tuesday, ranging from elementary school students to elderly couples carrying lawn chairs, truly wanted to greet the hostages. But, more importantly, they wanted to show the freed Americans—and themselves and the world—that America was all right, that the time had come once again for this nation to assume its rightful place in the world.

Americans, so the current media analysis goes, using the returned hostages as a focus for a man-made national catharsis, a release of all the frustration built up during the captivity. The patriotism elicited as part of the country’s emotional outpouring is the defiant kind which challenges the world to try messing with us just one more time... It seems likely that the new spirit of nationalism will be with us for some time, along with the politics of international importance from which it sprang.

So patriotism is “in” for the Reagan administration, along with tight budgets and mink stoles. The country is currently experiencing the kind of patriotism that makes crowds break into spontaneous renditions of “God Bless America,” but it also the kind of patriotism that dictates “my country, right or wrong.”

The dangerous part of this new patriotism was best demonstrated by people’s reaction to Reagon’s promise of “swift and effective retribution” to future terrorist incidents. The crowd behind the South Lawn roared its approval. I stood and looked around, suddenly fearful of the applause and cheer: the surprising crowd—standing outside the South Lawn fence, I saw “crowd”—18 and 19 and 20 years old who Reagan might have to draft to fulfill the promise he was making. And, instead of being glad for the hostages safe return, I was very, very scared.

The media, the hostages

It has been two weeks since the Iranians freed the 52 Americans they had held prisoner for over 14 months, but stories about the ordeal still fill the daily press. It is hard to believe, but the hostages have become more of a phenomenon since their return than they were during their captivity. Why?

I asked myself that question last week, standing amidst the crowd of hundreds of thousands of people who turned out to watch the motorcade of former hostages wend its way through the streets of Washington DC en route to the White House and a meeting with President Reagan. Standing is the eighth or ninth hour of people gathered in front of the White House, I had to stare to see the crowds of the buses which carried the hostages and their families.

Despite the visibility problems, the jostling crowds and the muddy ground, I was in an exuberant mood. The weather was perfect—sunshine of the type rarely seen in Washington, even in mid-summer. I had even bought an overpriced button with two yellow ribbons taped to it, which read “Welcome Home Hostages.” And the crowd around me, with their ribbons and American flags, seemed equally happy and excited. No one had come for the view, that was for sure. The pictures on television were much clearer—you could see the smiling faces of the 52, and gain a much better perspective on the enormity of the crowds. Neither was it necessary to join the crowds to listen to the ceremony on the South Lawn live—it was nearly impossible to hear without the aid of a portable radio.

I truly want to believe that all of the crowds—those in West Point, Washington, New York City, and elsewhere—were for the sake of the hostages. The idea, so I hoped, was to show the hostages that we had not forgotten them during their long months of captivity. For once, Americans were waving at the guests of honor at a parade—not as at the television cameras.
Glenn Ackerman

Bravo, Reagan!
a critique after scene one

Having been the MIT coordinator for the Anderson cam-

paign and still an unconstructed liberal, I don't think anyone can ac-

knowledge me for 100% on Ronald Reagan. However, I must ap-

plaud the new president on his initial performance in office. So-

far, he has outshined Jimmy Carter in all respects.

First, his transition was much better than Carter's. Before he

made key appointments, he con-

sulted with everyone: Republicans and Democrats, con-

servatives and liberals. This is the

way one goes about having good

relations with Congress. Jimmy

Carter had only consulted with

Democrats, excluding and embuff-

erating the Republicans. How can

a president hope to have the other

party support his programs if he

has shown he doesn't give a damn

about their opinions? Reagan, on

the other hand, by asking for

Democrats' advice, made them

feel that at least they have input

into decisions.

Reagan has also very success-

fully steered clear of the extreme

right. His appointments have

generally been moderates, not ex-

tremists. The fears that people

had of Phyllis Schlafly becoming

Secretary of Health and Human

Services did not come to pass. By

not catering to his staunchest sup-

porters, Reagan has broadened

his appeal, which will undoub-

tably make it easier for him to get

legislation passed.

He has also stood firm on his

appointments, not bowing to

pressures from his right or left. In

1976, when Jimmy Carter heard

that his appointment for CIA

director, Theodore "Sorensen;

would face a tough confirmation

fight, he backed off and ap-

pointed, instead, Stansfield

Turner. Reagan, however, hear-

ing similar news about Alexander

Haig's confirmation, stood firm.

He signaled that this president is

going to lead and not be led.

Most importantly, though, the

administration has established

that it will speak with one voice. The

White House will have one

opinion on each issue, not three

and four. Alexander Haig will be

the key foreign policy formulator. 

There will be nothing comparable

to the Vance-Brezhinski rivalry.

This has got to be an improve-

ment for sending signals at home

and abroad.

When Reagan called the Ira-

nian "kidnappers" and "bar-

barians," the press asked his ad-

visers if they wanted to mete out

the statements. They did not; they

merely reiterated them. This sent

a simple, firm message to the

world and scared the Iranians.

Even Carter State Department of-

ficials admitted that the fear of

Ronald Reagan created the

impetus, on the Iranians' part, to

quickly conclude the negotiations

and release the hostages.

By declaring that the United

States will combat terrorism

around the world, Reagan has es-

tablished a moral and consistent

basis for our foreign relations. It

will be a blow at tyranny, because

these governments that en-

court international murder,

tend to be murderous themselves. It

will also probably work better

than Carter's human rights pol-

cy, because it won't run into

trouble with a double standard

for our friends and enemies.

Lastly, Reagan has already

begun fulfilling his campaign

promises. He instituted a federal

hiring freeze, decontrolled oil,

and abolished inflation guidelines.

All of these were significant ac-

tions. To shrink the federal

bureaucracy, one had to start

somewhere. Immediate decontrol

of oil will hopefully stimulate

domestic production. Federal in-

flation guidelines have clearly

failed in their intent; there is no

test in wasting money by con-

tinuing to monitor them.

Where our policies and pro-

grams have failed, we must not

persist in them, but try some-

thing new. This is what Ronald

Reagan was elected to do -

to try something new. It does

not matter whether a policy is

liberal or conservative, what mat-

ters is whether it will work. Let us

hope Reagan's policies do just

that, work.

ON CAMPUS INTERVIEWS

FEBRUARY 9

Newest Northrop Fighter Advances
F-5 Family
March 24, 1980 - Hawthorne, California

The new generation of Northrop's F-5 family of low cost tactical fighter aircraft, the F-5G, was announced at Hawthorne today, stepping up a nearly 20-year evolutionary program for the company. The single-engine F-5G was conceived to meet world defense needs today and through the 1990's, and offers an affordable, supportable defensive system that keeps pace with the changing requirements for national security.

February 1981

Northrop Aircraft is still designing and building high-performance aircraft today in the company's mile-long, modern com-

plex in Hawthorne, California. For 10 years, we've promoted the people associ-

ated with our products and furnished one of the finest benefits packages avai-

lable. In addition, new employees receive reimbursement for employees in an ac-

credited graduate study program; a con-

servation savings plan - for every dollar invested, Northrop contributes 35 per-

cent; and generous vacations - including a week long Christmas holiday. In addition to a creative work environment you'll enjoy Southern California's year round recreational paradise. And, Northrop's recreation club sponsors many enjoy-

able activities such as skiing, golf and fishing.

If your interests are in TECHNICAL ENG I-

NEERING which includes AERONAUTI-

CAL, ELECTRICAL, MECHANICAL, 

COMPUTER SCIENCE, MATERIALS

SCIENCE, OMATHE (B.S. and M.S. level),

See Northrop today for your tomorrow.

Contact the placement office to schedule an appointment with a Northrop repre-

sentative. If you cannot meet with us at this time, please forward your resume to:

Employment Office

Dept. 1221/80 T5/MIT

2815 El Segundo Blvd.

Hawthorne, CA 90250

Equal Opportunity Employer M/F/H

AIRCRAFT DIVISION

NORTHROP

Making advanced technology work.
Are problem sets a prelude for a route 128 career?

To the Editor:

Steve Solnick’s editorial, “Class of 2009?” (Nov 14, 1980) was probably read with quite a bit of interest by students and faculty. The column provided a rather interesting response by Charles Holt of the Biology department, which was basically a defense of problem sets and the time demands of a regular course load. Professor Holt, when confronted with the question of the lack of time MIT students have to grow and explore admits that “Maybe it’s true” and concludes by saying that the problem requires deeper analysis.

About problem sets, Professor Holt states that “students want problem sets and find them useful,” and adds that “problem sets are supposed to make life easier for the students, not harder.” He further points out that his first statement is true, simply because after becoming used to measuring progress by success with problem sets, students lose a good bit of their initiative and interest in attaining long range goals. Hence the unpleasant truth of the second statement: problem sets do make life easier by providing a weekly cruise which supports the failing personal initiative.

So, what’s the alternative? Abolish problem sets? Realistically viewed that would be difficult. However, their role in determining grades could be greatly diminished. Students might focus on long range goals like studying during the hour between problem set meetings. Steve writes that “The essence of an undergraduate education is having the time to explore and grow.” I would only add that the essence of exploration and growth is the will needed to do just that, which isn’t strengthened by doing problem sets.

Another basic question is, “why do we have problem sets at all?” This suggests as interesting answer. By its nature, engineering as practiced in industry requires systematic, if often unspirited effort. Current products make money, not future brilliant ideas. As much as we would like to think of MIT as what Walter Reubenblith once called “a liberal technical school,” greatly concerned with basic research, we must realize that MIT exists to serve American and particularly Massachusetts industry. In Electronics of November 29, we find that Ray Staia, chairman of the Massachusetts High Technology Council, helped found it “to lobby for legislative and educational actions to increase the state’s pool of technical talent.” He sets in (MIT president Paul) Gray’s firm effort in efforts to redirect MIT’s traditional “teacher of teachers” orientation toward one that will produce more career engineers.

In the same issue of Electronics, in a debate on manpower issues, an editorial remarks, “But the new administration is looking now for more input — and assistance from industry in drafting its academic course, says James D. Bruce, director of (MIT’s) the industrial liaison program. This is an experimental period for us, and MIT will be taking a more active role in approaching industry for its suggestions.”

Maybe this highly organized marriage of convenience helps to put some of Charles Holt’s questions and Steve Solnick’s remarks into perspective. I venture to guess that if MIT trained only social scientists and men of letters that we wouldn’t have problem sets. However, it doesn’t and we do. To paraphrase Professor David Noble, it seems that the Ivory Tower has gone silicon.
400,000 people showed up Sunday at a parade honoring ex-hostage William Keogh's return to Waltham. The enthusiastic crowd delayed the parade one hour by filling the route and slowing the limousine in which Keogh rode alongside Waltham Mayor Arthur J. Clark.

Photo Essay by Steve Cohen
Calculus program to change

By Tom Loredo

The freshman calculus curriculum will be revised beginning next fall with the introduction of two 12-unit courses to replace the existing 18.01C-02C sequence.

Professor Frank Morgan, Undergraduate Mathematics Chairman, initiated the proposal last spring because he said "there was some concern that many students get somewhat rushed, superficial, or narrow education in calculus."

The new courses, 18.011 and 18.021, will be for students with high school calculus but unprepared to begin with 18.02, according to Morgan. The courses will cover the 18.01C-02C material but extra time will be spent on more difficult topics, overview and review, and applications of calculus to probability, economics, and physics. 18.011-021 will have problem sets and exams on all material, but there would be no tutored exams.

In addition, the 18.01A-02A curriculum will be changed next year to cover less material in greater depth. The major changes include collected but ungraded homework and a mandatory final exam.

Morgan contends that he made the decision to introduce the new course through discussion with students and faculty, saying he felt "the right way to deal with an issue is to let people know about it and get ideas that can ultimately be used in forming a proposal."

Robert Winters, an 18.02 teaching assistant, said he was enthusiastic about the new program, though "at first students may get a bit cranky, especially those who would rather take 18.01C-02C and then 18.02 on pass/fail." Morgan noted that "We have heard no convincing reason or need for freshmen to take 18.03 or rush through their requirements."

Undergraduates who talked with freshmen, such as Rod Campbell '81 and Jim Murray '82, wrote to Morgan last May saying they found students generally receptive to collected problem sets but opposed to a mandatory final examination. Morgan noted that he had to "consider reasons as well as feelings" on the issue of a final examination. Morgan, however, agrees that the changes are part of an evolutionary process, which may lead to further modification or possible repeal.

By Tom Loredo

The freshman calculus curriculum will be revised beginning next fall with the introduction of two 12-unit courses to replace the existing 18.01C-02C sequence.

Professor Frank Morgan, Undergraduate Mathematics Chairman, initiated the proposal last spring because he said "there was some concern that many students get somewhat rushed, superficial, or narrow education in calculus."

The new courses, 18.011 and 18.021, will be for students with high school calculus but unprepared to begin with 18.02, according to Morgan. The courses will cover the 18.01C-02C material but extra time will be spent on more difficult topics, overview and review, and applications of calculus to probability, economics, and physics. 18.011-021 will have problem sets and exams on all material, but there would be no tutored exams.

In addition, the 18.01A-02A curriculum will be changed next year to cover less material in greater depth. The major changes include collected but ungraded homework and a mandatory final exam.

Morgan contends that he made the decision to introduce the new course through discussion with students and faculty, saying he felt "the right way to deal with an issue is to let people know about it and get ideas that can ultimately be used in forming a proposal."

Robert Winters, an 18.02 teaching assistant, said he was enthusiastic about the new program, though "at first students may get a bit cranky, especially those who would rather take 18.01C-02C and then 18.02 on pass/fail." Morgan noted that "We have heard no convincing reason or need for freshmen to take 18.03 or rush through their requirements."

Undergraduates who talked with freshmen, such as Rod Campbell '81 and Jim Murray '82, wrote to Morgan last May saying they found students generally receptive to collected problem sets but opposed to a mandatory final examination. Morgan noted that he had to "consider reasons as well as feelings" on the issue of a final examination. Morgan, however, agrees that the changes are part of an evolutionary process, which may lead to further modification or possible repeal.

By Tom Loredo

The freshman calculus curriculum will be revised beginning next fall with the introduction of two 12-unit courses to replace the existing 18.01C-02C sequence.

Professor Frank Morgan, Undergraduate Mathematics Chairman, initiated the proposal last spring because he said "there was some concern that many students get somewhat rushed, superficial, or narrow education in calculus."

The new courses, 18.011 and 18.021, will be for students with high school calculus but unprepared to begin with 18.02, according to Morgan. The courses will cover the 18.01C-02C material but extra time will be spent on more difficult topics, overview and review, and applications of calculus to probability, economics, and physics. 18.011-021 will have problem sets and exams on all material, but there would be no tutored exams.

In addition, the 18.01A-02A curriculum will be changed next year to cover less material in greater depth. The major changes include collected but ungraded homework and a mandatory final exam.

Morgan contends that he made the decision to introduce the new course through discussion with students and faculty, saying he felt "the right way to deal with an issue is to let people know about it and get ideas that can ultimately be used in forming a proposal."

Robert Winters, an 18.02 teaching assistant, said he was enthusiastic about the new program, though "at first students may get a bit cranky, especially those who would rather take 18.01C-02C and then 18.02 on pass/fail." Morgan noted that "We have heard no convincing reason or need for freshmen to take 18.03 or rush through their requirements."

Undergraduates who talked with freshmen, such as Rod Campbell '81 and Jim Murray '82, wrote to Morgan last May saying they found students generally receptive to collected problem sets but opposed to a mandatory final examination. Morgan noted that he had to "consider reasons as well as feelings" on the issue of a final examination. Morgan, however, agrees that the changes are part of an evolutionary process, which may lead to further modification or possible repeal.
Private Afternoons of Pamela

I was held up. Offensive, while others thought hit only the name of the movie. The words the poster hilarious.

Some members of the previous Group to respond to complaints before the Women’s Advisory Committee. The day ended with the Massachusetts Association of School Committees. The day ended with the Massachusetts Association of School Committees. The day ended with some Strategy Development workshops in which students were asked to slash a mock budget by 1/3. Then they presented these proposed cuts to people playing the roles of superintendents, taxpayers, school committee members, athletic department chairmen, and others in positions they would need to work in dealing with Proposition 21.

George Perry, coordinator of the Greater Boston Regional office of the Massachusetts Department of Education and principle organizer of the seminar, believes “it’s important that students are given the skills to make them effective leaders in their schools. Proposition 21 has given the opportunity to rally students around a cause that effects them directly.” He added that the purpose of the seminar was to provide these skills for the students “through an understanding of how they can impact the decisions of their school committees on issues which have come out of Proposition 21.”

Laura Galluccio, a Student Advisory Council to School Committees’ member from Cambridge Rindge and Latin School and one of the seminar facilitators, said the seminar felt that there was not enough time for preparation and participation in the seminar. Because of this, “people did not get as much out of it as they could have.” She suggested that this would have been more effective if there had been more time. Alfred Verano, assistant director to the Blue Hills Regional Technical High School, agreed with her that a two-day seminar with a week between for digesting material would be ideal. Laura preferred two consecutive days if the seminar were to be extended.

“I don’t think it necessarily has to be about Prop. 21,” she added. “I think SAC members need a lot of training to be effective, and I think they also need to sit down and talk about common problems and share ideas and perspectives.”

Not feeling this seminar permitted the latter because there was so much information to be given out.”

During the early workshops, school administrators listened to Dr. John Terry of the Division for Studies and Research in Education at MIT. In addition to his topic of student involvement within schools, he also mentioned the serious effect of Proposition 21 on the roles of superintendents, particularly minority teachers due to the “last on first off” system of layoffs.

Victim was killed in car

(continued from page 1)

Bigham was killed while attempting to repair his disabled automobile, which was parked on the Charles River side of Memorial Drive. With him at the time was Assistant District Attorney Marian T. Ryan, who suffered minor facial injuries from the shooting. After Bigham was shot and the assailants fled, Ryan ran across Memorial Drive to Senier House for help. Residents there were awakened by Ryan’s cry and called 100 for the Cambridge Police, who were already at the scene minister to Bigham.

Bigham often worked in the Third District Court in East Cambridge. Both Bigham and Ryan had worked with MIT through the District Attorney’s office, and were known personal- ly by Officers Fratto and Sacco. Fratto and Sacco were both unavailable last night for comment on the arrest of the three suspects. Dwyer and Keane are members of the major crime unit attached to the Middlesex County Crime Detection Unit, said Battock.

Old poster was held up

(continued from page 1)

The publicity poster for The Private Afternoons of Pamela Man, last fall’s Registration Day movie was never distributed as the result of one such review. Some members of the previous Execom found the illustration of a man with his tongue extended offensive, while others thought the poster hilarious.

“I’ve come to the conclusion that only the name of the movie should appear on reg-day posters,” said Mike Domroes, former LSC publicity director. However, before the Women’s Advisory Group to respond to complaints about a previous poster, “It had the words sex and violence in the title,” he said. “We were advertising one violent movie and one movie with sex in it. Some women misinterpreted. They apparently thought we were showing a movie with both sex and violence in it.”

The families of the three suspects arrested last night in the slaying of Edward Bigham, age 31, of 221 West Third Street, Cambridge, were awakened by Ryan’s cry and called 100 for the Cambridge Police, who were already at the scene minister to Bigham. Bigham often worked in the Third District Court in East Cambridge. Both Bigham and Ryan had worked with MIT through the District Attorney’s office, and were known personal- ly by Officers Fratto and Sacco. Fratto and Sacco were both unavailable last night for comment on the arrest of the three suspects. Dwyer and Keane are members of the major crime unit attached to the Middlesex County Crime Detection Unit, said Battock.

If you are about to graduate, consider-

PROCTOR & GAMBLE BUSINESS AND TECHNICAL CAREER PATHS

Come and talk with us at:

Career Expo ’81
Feb. 18 9:00 a.m. — 5:00 p.m. Copley Plaza Hotel, Boston

Career Expo ’81 is a three-day career conference to acquaint college and graduate school minority students with career opportunities available in today’s job market. Seminars for students will be conducted on Feb. 17. The Job Fair will be held on Feb. 18. Interviews will be scheduled for Feb. 19.

We will be scheduling interviews for management careers in: Sales, Advertising, Market Research, Industrial Purchasing and Traffic, Finance and Accounting, Field Office Administration, and Manufacturing.

PROCTOR & GAMBLE
We are an Equal Opportunity Employer

Harvard Book Stores.
We pay top prices for used paperbacks, textbooks and law books.
1248 Mass. Ave. • Cambridge
Under the orange awning
OPEN EVENINGS
"YOU'RE A GOOD MAN, CHARLIE BROWN"

The Musical Theatre Guild's production of *You're a Good Man, Charlie Brown* this past weekend was a taste of the best that could be expected from a generally weak play. It is unfortunate that the MTG selected this particular show for their January performance, for much of their hard work was lost in the debilities of the script they handled themselves.

You're a Good Man, Charlie Brown is an anthology of several of the best scenes that Charles Schulz created for his Peanuts comic series. The play focuses on six of the Peanuts cast: Lucy, Linus, Schroeder, Patty, Snoopy, and, of course, Charlie Brown. The action is built around several sustained sketches dealing with subjects such as Charlie Brown's infatuation with the little red-haired girl or the classic lost baseball game. A selection of very short gags is sprinkled liberally between these longer scenes. The weakness of the script is fundamentally two-fold. First, the play is far too episodic; the only links between the acts are the characters themselves. Secondly, if the jokes work and amuse the audience, the play moves on; if they fail, the resulting awkwardness destroys the mood of the play. Such a play is difficult to execute successfully even under the best of circumstances.

Laboring against these problems, the MTG managed to do a remarkably good job. The characters were well played and the staging was excellent. Perhaps the best — as well as the easiest — portrayal was that of Lucy, admirably done by Linda Schaffir. Her emotion was the classic fast-budget: loud, pushy, and obnoxious, yet basically insecure. Brad Walters did a very good job playing an egotistical and romanic Snoopy. The only character that seems to have problems was Patty (Delhi Field); much of the blame for this, however, can be traced to the script. Of the characters in the play only Patty does not possess a distinct personality by the final curtain.

The actual performance moved slowly, the beginning, but the pace picked up in the middle and towards the end of the play. The cast did an excellent job in sustained scenes whenever the script allowed them to. For example, the best scene was well choreographed and lit. Even when chaos descended upon the stage, order existed beneath the surface of the actors remained in character amusing. The timing in the book scene was exquisite; the skit was one of the best in the play as a result. The solo effort by Snoopy (Brad Walters) were also effective and entertaining.

The transformation of McCormick field into a small theater was very successful; the stage was small but the set never seemed to be cramped by it. Music was performed well and did its job in holding the play together. The set was very simple but used to great effect, an example being Snoopy's doghouse.

The MTG did an admirable job of *You're a Good Man, Charlie Brown* past weekend. They managed to overcome many of the inherent problems of the script and offered an entertaining product. One can only hope that they will choose scripts more worthy of their efforts in the future.

Joseph

---

Humans and ... who?

**Human Sexual Response** with Someone and the Somebodies at the Paradise, Friday, January 30

What a deal. Press passes to see Human Sexual Response, with the added bonus of Someone and the Somebodies (I... who?). A bill like that could even make a place like the Paradise endurable... well, almost. Once nailed into my seat by a friendly usher (pronounced “bouncer”), I settled in for the inevitable delay. The tendrils behind me were heard to say, "Stop joking, will you? What's the opening band really called?" I never heard the answer, because the Somebodies finally made it to the stage.

Someone and the Somebodies play a peculiar brand of what has been called “rocked dance-trance music” — light, precise, dark tunes. As they worked their way through a set consisting of their Bombs on the Head EP and other tunes, the similarities between the Somebodies and Joy Division became increasingly apparent.

The set peaked with “People Are Dumb” — a tour de force for bassist/vocalist Tristram Lazow. The energy continued through “Working in a Coal Mine,” a tune that features an amazing vocal trade-off between Tristram and lead guitarist Robbie Davis. Robbie’s guitar playing is one of the best features of the Somebodies music; he runs his guitar through a synthesizer to get some incredibly strange sounds. Drummer Jonathan Coe and guitarist Michael Glickman also contribute to the band’s jugged rhythms.

The set concluded with "She Lost Control" by Ian Curtis of Joy Division. This was intended, perhaps, to be an acknowledgement of their influences. The Somebodies performed admirably, providing an interesting set of very danceable music, but they could use a bit more stage presence.

(please turn to page 13)

---

Michael Glickman of Someone and the Somebodies (Photo by David Shaw)
The Clash Sandinistas! On Epic records.

A Boston Rock review told me to get the import version of the three-record set as if not to bother waiting for the US pressing. The domestic came out only one week after the album arrived on the racks, and for four dollars less (nine dollars for a triple album, what a deal...).

London Calling was the Clash commercial success in the US on the strength of "Train In Vain," the hidden cut on side four. Loyal fans, however, cried "sell out" because the two-record set lacked the power of previous recordings and was more "commercial." Black Marketers Clash, a Nu Dis, seemed to keep more people happy, containing several good B-sides not released here, as well as some new material.

Well, the loyalists will not be pleased by the kiddies who just adored "Train in Vain." This is not to say that this is a bad album. In fact, despite its length, it's the closest I've ever seen to a perfect record. The headbangers who wore the vinyl on The Clash and Give 'Em Enough Rope will take issue with the slick production work, as well as the seeming lack of (pick one: power pop, heavy metal, four-chord rock, "Rock and Roll, MAAARRAANNN"). The teenyboppers will find very little potential top 40's material (except 'Police on My Back').

The opening cut, "The Magnificent Seven" is terrific. It's a disco rap-tune about the day of nine-to-fivers and the absurdities of the daily routine. "Mississippi UK" is what Graham Parker's "Mercury Poisoning" dreams of becoming: an indictment of the star system and the record biz which crazes commerciality. It's so listenable, you'd never know it came from Joe Jackson's pen. "Junco Partner" is the first reggae I've really liked. "The Leader" makes you wonder about the private lives of the Chiefs of Staff and gossip rags ("the people must have something good to read in the Sunday Mirror GM Joe does"). "I Saw the Light to Save the World War Three. If I've got to be nuked blue one of these days, this is the way I want to go. Finally, "Something About England" concerns the lack of insight and the horror of war.

(please turn to page 12)

The Decline of Western Civilization
original film soundtrack album for the film of the same name, featuring live recordings of seven Los Angeles punk bands. On Slash records.

Although the punk scenes in most major cities have diverged from their original rawness and intensity, the west coast seems to have retained a bunch of serious punk bands. This album, which contains live recordings of the soundtracks of a recent independent punk rockumentary film about the L.A. punk scene, does not contain an excellent representation of some of the most prominent bands from that area.

The album alternates between live interviews of the bands and interviews of the bands. In some cases, this is an attempt to make this a better representation of the content and message of the film, rather than allowing it to be a compilation anthology album of L.A. punk bands. I can understand the logic of this, but I don't like it. Although the interviews are interesting the first couple of times they are played, they soon become just another six thousand crap on wall through before the record will allow you to hear your favorite song by the Circle Jerks. I solved the problem by recording the album on a cassette, omitting the interviews, which has less crap on wall but when I ever care about social commentary I take a trip to discjockey purgatory... 

Standouts on the album are everything by X (they're so good). "Minimalism" from the new-defective Germs, and "Cold Day" from the Alice Bag Band.

The film which caused all this is, unfortunately, an independent release, and no one knows when the film will make it to Boston. Until then, I'm just going to sit at the album cover and play the album really loud.

Jan van Zelotti
The Clash: a smash

"Somebody got murdered, his name's Jacko" is sung by Mick Jones, the lyrics say it all. The Clash, who released their debut album, "The Clash," in 1977, were known for their anti-establishment sentiments and their powerful, politically charged songs. "Somebody got murdered" is a protest song that starts off with the line "Somebody got murdered, his name's Jacko," referencing Jacko Eaton, a British Rocker who was killed in a hit-and-run accident in 1976.

This song is one of the standout tracks from the album and is often considered a classic among fans of punk and rock music. The lyrics are a call to action, urging listeners to stand up against injustice and to remember the fallen. The Clash's music, with its raw energy and和社会意识, continues to inspire and resonate with listeners today, reminding us of the power of music to effect change and to reflect the realities of the world around us.
Wednesday, or Thursdays, at 7pm)

REMINDER
MEETING OF THE MATROCKET SOCIETY
TODAY
50-220(Walker)
At 7pm
REFRESHMENTS AFTER MEETING

INFO: call dl5-6744 or dl5-7486

Join The Tech
The first hundred years were just for practice
(W20-483, Sunday, Monday, Wednesday, or Thursdays, at 7pm)

ON-LINE SOFTWARE
DEVELOPMENT
• Operating System Software
• Call Processing and Administrative Software
• On-Line Recovery & Diagnostic Software

SUPPORT SOFTWARE
• Development Support Software
• Test Utility Software

SYSTEM TEST & CONTROL
Explore a career with us. Send your resume to:
GTE Automatic Electric Laboratories
Manager of Employment, Dept. MIT0127
11226 North 23rd Avenue
Phoenix, Arizona 85029

GTE . . . We make it happen!

We'll Be On Campus On February 4.
See Your Placement Office For Details.
Equal Opportunity Employer M/F/H

It's easy to forget that the wall of sound is generated by only three musicians - drummer Chris Carter, bassist Malcolm Travis, and the amazing guitarist Masachismo. By never resorting to playing rhythmic chords, instead, Gilbert managed to fill the empty spaces with imaginative new riffs not heard on the album.
Registration for Physical Education classes for the third quarter will be held Tues., Feb. 3 from 8:30-11am in the duPont Gym. Seniors should be especially sure of their status!

VI-A Orientation Lecture for sophomores interested in entering the department's VI-A program will be held Wed., Feb. 4 at 3pm in 10-250. Students currently on the program and VI-A faculty advisors will be available for discussion.

The Boston DSOC Education Program will be offering two courses this spring. "The Left and the Law," taught by Harvard Law Professor Gary Bellow will begin Thurs., Feb. 26 at 7:30pm at the Jamaica Plain Legal Services Office, 3529 Washington St., Jamaica Plain, and will meet the following Thursdays. "Religion and Socialism," taught by the editor of Religious Socialism, John Cort, will begin on Mon. Feb. 23 at 8pm at the Red Pipe Room of the Weston School of Theology, 3 Phillips Pl., Camb., and will meet the five following Mondays. Fee for each course is $20. For more information, call the Democratic Socialist Organizing Committee at 426-9026 or write 120 Tremont St., Rm. 305, Boston MA 02108.

The R/O Committee is now forming. The Committee works over the summer organizing events for incoming students and R/O Week. Those interested in working on the Committee should contact Rhonda Peck, R/O Coordinator, at x3-6771 or leave a message at the Undergraduate Academic Support Office, 7-103.

Alpha Phi Omega will hold a meeting and study break Thursday, February 5, at 7:30 pm in the Mezzanine Lounge for those interested in building and destroying buildings, teaching scouts to swim, or helping award the Big Screw. For further information, contact the APO Office (W20-415 x3-3788).

Grade reports for the January Independent Activities Period will be mailed to each student's term address on Thursday, February 5.

**Notes**

**GADGET SALE**

**THE COOP**

HARVARD SQUARE
MIT STUDENT CENTER
CHILDREN'S MEDICAL CENTER

**Save Big On Calculators**

**HEWLETT-PACKARD**

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP 41C</td>
<td>$169.00</td>
</tr>
<tr>
<td>Optical Wand</td>
<td>$59.99</td>
</tr>
<tr>
<td>Card Reader</td>
<td>69.99</td>
</tr>
<tr>
<td>Printer</td>
<td>$89.99</td>
</tr>
<tr>
<td>HP 67</td>
<td>$219.99</td>
</tr>
<tr>
<td>HP 35C</td>
<td>$116.99</td>
</tr>
<tr>
<td>HP 34C</td>
<td>$116.99</td>
</tr>
<tr>
<td>HP 33C</td>
<td>$79.99</td>
</tr>
<tr>
<td>HP 32C</td>
<td>$116.99</td>
</tr>
<tr>
<td>HP 32E</td>
<td>$59.99</td>
</tr>
<tr>
<td>HP 32E</td>
<td>$49.99</td>
</tr>
</tbody>
</table>

**TExAS INstrUMENTS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TI 59</td>
<td>$200.00</td>
</tr>
<tr>
<td>TI 58C</td>
<td>$189.99</td>
</tr>
<tr>
<td>TI 58E IAP</td>
<td>$89.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
</tbody>
</table>

**CALL TOY PLEX 617-227-1696 EXCEPT 00 OTHERS, 000, 0000**

**Accessories discounted to corporate account only.**

**Texas Instruments**

<table>
<thead>
<tr>
<th>Model</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>TI 58C</td>
<td>$189.99</td>
</tr>
<tr>
<td>TI 58E IAP</td>
<td>$89.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
<tr>
<td>TI 58</td>
<td>$118.99</td>
</tr>
</tbody>
</table>
Applications are now available for the Environmental Intern Program, for graduate and undergraduate students seeking professional paid experience in their fields of study, from Elizabeth Reed in the Career Planning and Placement Office. The deadline for filing applications is March 2.

Jeffrey L. Pressman Award in Political Science: all MIT Juniors are eligible for this award of $1000 for an approved project during the summer months. Application deadline is Feb. 23. Further information is available in room 3-234, x3-7752.

HELP Loans are now available at the interest rates of 9% at your local bank or credit union. Any undergraduate student attending school in Massachusetts is eligible to apply. Undergraduate students can borrow up to $3000 a year, and graduate students up to $5000 a year. You don't have to start paying anything back until six months after you finish school. Contact your bank for information, or call MASS-HELP at 426-9434.

The Department of Engineering and Applied Science at Yale University is offering a limited number of Special Grants to Juniors who would like to gain experience in advanced research next summer. The areas are fluid mechanics, chemical engineering, biochemistry, solid state physics, low temperature physics, atomic and molecular physics, semiconductor devices, crystal growth and materials synthesis, radiation and condensation, signal analysis and image processing, computer interfacing, and magnetism. $1535 per week will be awarded for an eleven week period from June 8 through August 21, 1981. For further details and application forms, contact: Summer Research Program Department of Engineering and Applied Science Room 305, Becon Center Yale University PO Box 2175, Yale Station New Haven, CT 06520

Activities

The New England Women's Studies Association is sponsoring "A Working Conference on Women and Racism" on Fri. and Sat. Feb. 6-7 at Wheelock and Simmons Colleges in Boston. The program, open to the public, will include workshops, panel discussions, films, and performances on third world feminism, community organizing against racism, the economics of racism, and other topics. For more information, call 327-1900, x3278.

A showing of the film The Promised Land, produced and directed by Susan Sontag, will be held Sun. Feb. 22 at 2pm at the Israel Cultural Center at Zion House, 17 Commonwealth Avenue, Boston. Admission is $2. For more information, call 267-3600.

A lecture by Joseph Tobi on Jewish Communities in Muslim Lands will be held Wed. Feb. 25 at 12:15pm. Admission free, lunch available for $3. Call 267-3600 for more information.

Lectures

Fellows to the Institute of Politics, including former senator John C. Calhoun will share their personal perspectives on politics in a panel discussion on Wed. Feb. 4 at 8pm. The free discussion will be held at the Forum of the Kennedy School of Government.

VI-A Orientation Lecture

All Course VI and Undesignated sophomores interested in joining the VI-A Program are invited to attend an Orientation Lecture scheduled as follows:

February 4, 1981
300pm
Room 10-250

Applications and other material available at this Lecture

"You Can't Always Be There: How Do Your Children Cope?" will be the topic of Beth Israel Hospital's next Women's Health discussion. Open to the public and free of charge, the discussion will be held on Wed. Feb. 11 in the Grossman Conference Center of Kirvin Hall, Beth Israel Hospital, 330 Brookline Ave., Boston from 7pm to 9pm. For more info, 725-4431.

Joshua Runenstein and Yuri Yarim-agaei will discuss human rights at the Cambridge Forum, 3 Church St., Harvard Square on Wed. Feb. 4 at 8pm.

MIT PRESS BOOKSTORE

In Kendall Square across from the "T"
253 Main Street
Cambridge, MA 02142
253-5249

AUTO-TROL WILL BE ON CAMPUS FEB. 19

With a 90% annual growth rate in the last 6 years, Auto-trol has assumed a leadership position as a major manufacturer and marketer of computer-based automated design and drafting systems. We'll be on campus to discuss with M.S. and B.S. candidates how our phenomenal growth translates into unique career opportunities for Software Systems Programmers in our Denver headquarters.

Assigned to a project or project team, you'll assume immediate responsibility for writing functional and design specs, coding and testing software, while defining, developing and troubleshooting complex graphic systems in the pioneering new field of Computer Graphics. As experience is gained, your responsibilities will be expanded to include leadership and advisory roles.

SUMMER INTERNSHIPS are also available for students working toward a BS or MS in Electrical Engineering, Computer Science or Mathematics. Coursework in machine and higher level language preferred.

To find out more about opportunities with Auto-trol, sign up in your Placement Office now for an interview. Along with excellent career opportunities, Auto-trol professionals enjoy top starting salaries and superb benefits package.

 Equal Opportunity Employer M/F

Get Rid of Winter Doldrums

Earn good money while bringing warmth into the lives of others. Take care of Elderly, Disabled, Convalescents and Children in their own homes. Make your own hours - Work in your own community. For more information call today.

Call 321-6300 or 623-6521

INTERCITY HOME MAKER SERVICE INC.
An equal opportunity employer
Above, the Bridge at night as seen from Ashdown.

Left, at the end, 364.4 Smoots plus one ear.

(The Tech file photos)

McNEIL Consumer Products Company will be on campus February 4, 1981 interviewing for positions in Engineering and Operations Management

Contact your Placement Office for sign-up procedures and see why this propriety drug manufacturer offers a unique approach to career growth.

JOHNSON & JOHNSON FAMILY OF COMPANIES
MIT STUDENT CENTER

back-to-school specials

Pfaltzgraff
introducing 5 pc. place setting
after sale price 13.30
Heritage pattern in versatile white stoneware.

5 piece
place setting
SALE 7.99
after sale 14.20

5 piece
place setting
SALE 7.99
after sale 15.60

Folk Art Dark blue mineral accent on salt grey glaze.

Yorktown Natural blue mineral accent on salt grey glaze.

architect's lamp 19.99
comp. value 29.99
Available in black and white

bamboo glassware
24 piece set
SALE 16.00
reg. 24.00
8 - 8 oz.
on the rocks
8 - 12 oz.
beverage
8 - 12 oz.
coolers

the Casa Chair
32.95 frame
7.00 canvas
The sturdy metal frame chair from Amtrade for contemporary lifestyles. Frame in white, red, black, or sand. Choose navy, black, burgundy, red, or sand canvas.

LED Copal alarm
SALE 15.99
reg. $22
Time and AM/PM display with red LED's 24 hr. setting with snooze.

SALE 7.99 — 8.99
reg. $10 — $13
Solid fashion colors in no iron percale. Extra long to fit dorm beds.

extra long
dorm sheets
Houselights by Martex
Sale 7.99 — 8.99
reg. $10 — $13

Solid fashion colors in no iron percale. Extra long to fit dorm beds.
TUESDAY, FEBRUARY 3, 1981

THE TECH

Sports

on deck

Tuesday, February 3

Squash vs. Trinity, 7pm, duPont
Squash Courts
Wrestling vs. Bridgeport, 7pm,
duPont Center

Wednesday, February 4

Women's Basketball vs. Wellesley, 7pm.
Rockwell Cage

Thursday, February 5

Squash vs. Stony Brook, 7pm, duPont
Squash Courts

Friday, February 6

Men's Basketball vs. Middlebury.
8:15pm, Rockwell Cage

Saturday, February 7

Pistol vs. Air Force, Coast
Guard, WPI, duPont Center, 9am
Women's Gymnastics vs. R.I. Lesley, 7pm, duPont
Gym, 1pm
Hockey vs. Wentworth, 2pm, Athletic Center
Men's Basketball vs. Gordon, 8:15pm, Rockwell Cage

Monday, February 9

Squash vs. Harvard, 7pm, duPont
Squash Courts

Wrestling 40, Williams 6
Hockey 7, Stonehill 5
Men's Basketball 48, Amherst 60
Women's Basketball 42, Boston State 71

Wednesday, February 4, 1981

12:00 noon
Student Center - West Lounge

The March 4 Coalition

STUDY IN EUROPE

The University of Louvain (est. 1425)
Leuven, Belgium

offers

COMPLETE PROGRAMMES IN PHILOSOPHY
FOR THE DEGREES OF B.A., M.A., AND PH.D.
plus a JUNIOR YEAR ABROAD PROGRAMME

All Courses Are In English
Tuition is 11,500 Belgium Francs (i$400)
Write To: Secretary English Programmes
Kardinaal Mercierplein 2
B-3000 Leuven, Belgium

Are you concerned with the direction
in which the United States is heading?

military spending
nuclear proliferation
the economy
US intervention in the Third World
the draft
women's rights
racism
energy

Come to a meeting to discuss these
and other issues facing us today, and help
establish a forum for continued action.

Wednesday, February 4, 1981
12:00 noon
Student Center - West Lounge

The March 4 Coalition

Graduates: input your Future at ESL...

ESL Incorporated ... on the San Francisco Peninsula ... is a research and development company specializing in two broad areas of data systems technology: analysis of data and systems and equipment engineering.

ESL's major emphasis is designing and developing electronic data acquisition, processing and communications systems for reconnaissance application.

High technology industry depends on strong, innovative high technology people. We can offer you the environment, the resources, and the salary and exceptional benefits you need to keep us at the forefront.

ESL Incorporated College Recruiting
1330 Geneva Drive
Sunnyvale, CA 94086 (408) 743-6184
We are an equal opportunity employer M/F.
U.S. Citizenship required.

ESL Incorporated
1330 Geneva Drive
Sunnyvale, CA 94086

We are an equal opportunity employer M/F.
U.S. Citizenship required.

ESL INCORPORATED
A SUBSIDIARY OF TRW INC.

a creative environment for creative people

SPECIAL from KODAK

ONE IS FREE!

When you pay for two KODAK Color Enlargements, the third is free

From your favorite Kodakolor film negatives, color slides, color prints or instant color prints.

Hurry; free offer ends March 11, 1981.

The Coop
M.I.T. STUDENT CENTER
**sports**

**Women's b-ball does poorly over January, men do well**

By Eric R. Fleming

The month of January was a busy one for basketball at MIT, with the results of the men and women coming out a great deal differently.

Jean Heiney's women won only two of eight games last month - both lopsided victories over Em-dicit and Suffock. In fact, all the games the Engineers played this month were blowouts of one way or another (unfortunately, Tech was on the wrong side of six of them). The games with Bates and Amherst were not close after the opening minutes of play. The match against WPI on the 24th was probably the worst game of all. The team had very little move- ment off the ball, forcing the outside shot, which wasn't falling. This problem was dramatically brought out by the team's 0-for-6 floor shooting in the game. The next game against Scranton (62-39 win) saw more offensive mo- tion, resulting in much better shots.

Sophomore transfer Anita Flynn continues to lead the women in scoring, averaging around 11 points a game. Her quickness and ball-handling skill are assets, but at times she tends to over-dribble and take the team out of its offense. The biggest sur- prise has been Louise Jandura '84 at forward. Jandura, who has recently been moved to a starting position in 79-80 was below 50 percent, now it is well over 70 percent. Guard Mark Branch '83 and Steve Williams '82 provide the team with a good, steady backcourt (the duo average 37 points a game between them). The most improved player for the Engineers is Lane Wilson '82. The transfer from Brigham Young is doing the job at the defensive end of the floor. Wilson has become more aggressive on the boards, and improved his game on the baseline. The 6-6 center has done better at the offensive end as well, but still needs to become more confident in his game.

All phases of the game seem to be working well; the bench is con- tributing (25 points in a win over Curry last week), the high- motion, good shot selection of- fense of Fran O'Brien's is much smoother than earlier in the season, and the defense is playing with in- creasing consistency.

At 9-7, the team has a decent shot of equaling or bettering last year's 13-9 mark, but it won’t be easy. Division III power Clark invades the Cage in February, with WPI and a much-improved Con- necticut College team closing out the schedule on the road. That trio of games will probably deter- mine whether or not Tech will improve on a most-successful 79- 80 campaign.

**sporting notices**

The MIT football team will be having a short elections meeting Thursday, 5 February, at 4pm in Coach Dwight Smith's office (in having Andreal at the Intramural Office 9pm. Entries and fees of $34.50 Games will be rolled Tuesdays handicap (75 percent) leagues. The other two

**Tektronix COMPUTER SCIENCE SEMINAR**

February 5. 6:00 p.m. Building 4—145


Refreshments.

Technical people will be available to answer questions about “Tek.”

Tektronix is one of the world’s largest manufacturers of innovative computer graphics systems, test and measurement instrumentation, TV and control equipment, and other high technology electronic products. A Fortune 500 corporation employing more than 20,000 people worldwide. Tektronix has experienced an average growth rate of over 25% per year for the past five fiscal years.

Tektronix develops many of its own components, including IC’s, CRT’s and hybrids. Our research groups are active in signal processing, digitizers, materials, and other critical areas.

Tektronix strives to maintain a work environment that affords people the opportunity to establish their own limits. This encourages the development of more valuable, satisfied, and motivated employees.

We are located near Portland, Oregon about one hour from the snow-capped peaks of the Cascade range, and the beautiful Oregon coast — areas perfect for the outdoor lover. The city of Portland offers just the right amount of big city culture, with retaining small-town charms and friendliness.

We need bright, talented professionals who’d like to build a career with Tektronix. Consider joining our team.

**CAMPUS INTERVIEWS**

Our recruiting team will be on campus FEBRUARY 10. If your are about to receive a degree in Computer Science or Electrical Engineering and are interested in a career, sign up now in your Placement Office.

Or, send your resume to: Tektronix College Relations P.O. Box 500 Beaverton, Oregon 97077 Attn: G. Hubka