Breakdown of sophomore majors

By Earl C. yen

Nearly two-thirds of the senior class has not completed Phase II of the Institute Writing Requirement, said Bonnie J. Walters, coordinator of the Committee on the Writing Requirement. Approximately 670 seniors still need to satisfy the requirement in order to graduate.

"I'm concerned because it's mid-October, and we're a little behind," Dr. Walters said. "The Institute doesn't want students to drop out because they fail the requirement." Walters added that 113 sophomores do not complete the requirement. "There are going to be a lot of disappointed parents around graduation," she added.

Meanwhile, juniors face a similar dilemma. Nearly two-thirds of the junior class has not completed Phase I of the writing requirement, said Bonnie Walters, coordinator of the Committee on the Writing Requirement. Approximately 670 juniors still need to satisfy the requirement in order to graduate. Walters added that 113 sophomores do not complete the requirement. "There are going to be a lot of disappointed parents around graduation," she added.

Inside

Photo Essay: Life with Students

John Updike's latest novel, "Roger's Version," is scheduled for publication late next year. With 76 years of experience as an interviewer, Updike has learned a great deal about human nature. He is currently working on a new collection of short stories, tentatively titled "The Green Mile." The book will be published by Knopf in the fall of 1988.

Course VI attracts 329 sophomores

By Maria Smith

Three hundred and twenty-nine sophomores have declared a major in the department of electrical engineering and computer science, according to the fifth-week count by the Registrar's Office. This year's yearbook will feature the increase in the number of sophomores EECs majors in the past three years. Last year, 316 sophomores declared majors in Course VI.

Drug law will not cut into student aid

By Harold A. Stern

A Reagan Administration plan to divert $100 million of student financial aid funds to drug-abuse prevention programs in elementary and secondary schools would reduce as much as 25 to 30 percent of the aid to students, said William McKay, the Department of Education official. McKay said that the department has not been able to fund the drug legislation in one year, and that the money is needed for more effective programs.

The department of aeronautics and astronautics, currently called Daedalus, will undertake the 36-hour Phase III flight from Greece to a remote island.

Most seniors have not met writing requirement

By Earl C. yen

Nearly two-thirds of the senior class has not completed Phase II of the Institute Writing Requirement, said Bonnie J. Walters, coordinator of the Committee on the Writing Requirement. Approximately 670 seniors still need to satisfy the requirement in order to graduate.

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The physics with electrical engineering and computer science options attract- to fly

Edwards Air Force Base.

With the lessons learned in operation of the Eagle, which completed the main events of designed and build another aircraft before the end of the year. This plane, to be called Daedalus, will undertake the 30-mile Phase III flight from Greece to a remote island.

The physical characteristics of Daedalus require an "elite endurance" at the "speed of light." Bussolari said. McCallin was chosen from a short list of candidates to operate the 4-3 hour Daedalus flight.

During the flight, "the pilot must maintain 70 percent of maximum airspeed power," Bussolari said. For a 150 pound pilot, "it is like flying a tree seventieth of mean speed on ground at 23 miles per hour" without a rest, he added.

Unlike the Man-Vehicle Laboratory's previous aircraft, the world speed record breaking Monarch B, neither the Eagle nor Edwards will be equipped with an energy storage device to help sustained flight. McCallin has about 100 hours in flight duration, and has been practicing in gliders, ultralights, and a 1946 Piper Cub, Bussolari said.

Design Innovations

The I-VIP Endure features several advances over older human-powered aircraft. By submitting a paper to the "implausible" Daedalus proposal as part of the "White House" $200 million in fiscal year 1987, and $250 million in FY '88, and $250 million in FY '89. The Supplemental Educational Opportunity Grant program and the Work Study program each stood to lose $50 million to $75 million in the plan to divest the funds to fund the drug legislation with additional revenues rather than cuts, Brown said. M. C. Curran, deputy undersecretary of education, defended the targeting of third-largest undergraduate department, has observed the largest jump in additional credit assist- ments from last year. Around 136 students in the Class of '89 are majoring in aeronautics and astronautics, though only 110 students in the Class of '88 joined the department last year.

Enrollment in the department of civil engineering, on the other hand, has declined more than in any other MIT department. Only 13 sophomores are studying civil engineering compared to 28 last year and 30 in 1984.

Prof. Robert V. Whitten '40, former undergraduate officer in civil engineering, said he was not concerned over the drop in enroll- ment.

"We've known the enrollment to be as high as 25 to 30, and as low as around 13," Whitten commented. This year's low sophomore enrollment does not represent a downward trend in the department, he added.

"The numbers are going to fluctuate," Whitten said. This (Please turn to page 11)
photo essay

with
dusk

Sailboat

by
David Watson
I

Wall Street prospects

The stock market climbed sharply yesterday. The Dow Jones industrial average rose about 261 points, while winners led losers by two-to-one. Trading was heavy as 152 million shares changed hands.

Wall Street was pleasantly surprised by a government report showing a September rise of nearly five percent of new factory orders for durable goods. It was the biggest monthly gain of orders for big-ticket items in nearly two years. Stock traders were also encouraged by a strong bond market yesterday. (AP)

Ford Motor Company is hot

It was a hot third quarter for the Ford Motor Company. Ford's earnings soared 121 percent over the same period last year. For the other two of the big three automakers, however, the summer quarter turned cold. Chrysler earnings were down more than 25 percent, and General Mo-
tor's profits took a 49-percent tumble. (AP)

Crib toys found deadly

Infants could strangle on three versions of a soft crib toys called "Soft Triplets," "Piglet Crib Gym," and "Turtle Crib Mat." Two deaths have been report-
ed, the toys, the Consumer Product Safety Com-
mission said. (AP)

Massachusetts announces tax cut

The Massachusetts legislature moved toward final ap-
proval yesterday of a comprehensive tax cut package. The bill would set a moderate limit on state tax increases and repeal the $135 million income tax surcharge. The House voted 123-22 to accept a conference committee report that proposes an alternative to the tax plan on the November ballot. The bill is only being considered by the Senate because the referendum question offers a lower tax rate, said Representative Andrew Naustad. (AP)

Pro-divestment protesters arrested at Wellesley

Students protesting Wellesley's investments in corpora-
tions that do business in South Africa blocked all en-
tances to the campus yesterday. Forty-three were arrested and charged with trespassing. At least 100 were arrested and charged with disorderly conduct. Thirty-three of the students refused to give their names to the authorities, and are spending the night in a Massachusetts correctional institution awaiting trial today. A boy-
cott of classes is planned for today, the protesters said.

The Stock Market is hot and many investments are up. Many investors are looking for new ways to invest their money. The Dow Jones Industrial Average rose about 261 points, while winners led losers by two-to-one. Trading was heavy as 152 million shares changed hands.

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I'm not going to be able to clean up toxic waste within four years after a site is passed. Total annual costs for cleanup at Woburn, you probably know that there are health threats which exist today. Even if you are not deep into one of the aspects in the Commonwealth which have already been spent on their drinking water supply, you may realize that the trouble is immediate. Question As As Nov, a bal..., the Hazardous Waste Cleanup Initiative, which was brought to the voters by a coalition of groups including MassPIRG, Greenpeace and Massachusetts Fair Share. The initiative, if passed, will establish a rapid, yet workable timetable for the Massachusetts Department of Environmental Quality Engineering to find origins and contain the hazardous waste dumpsites within the state within the next decade. The imminent threat of hazardous waste contamination remains real as long as hazardous waste dumpsites exist in the state. As far as the chemical contamination spreads further into the water...
Student apathy has chilling effect

To The Editor:

Yesterday morning, while on business in the basement of the Sloan School, I happened to notice a rather awkward posture on the stairs. It was immediately apparent to me that the fellow had an injured back and head, was experiencing tingling in his legs, and so forth. I telephoned the Campus Police, who set about the business of locating an ambulance and, along with a young lady from the Sloan admissions office, stayed with him until help arrived. The young man was quite calm, asked for a cigarette, had me lock up his delivery truck and was whisked away by ambulance. When I called the hospital later that day, I was informed that he had been treated and released. All was well.

Not quite. There is one aspect of the incident which troubles me. From the look of the fellow, it seemed this fellow slipped to the time I began assisting him, into another of Sloan School students passed by, and not one offered him one whit of help. In point of fact, while I was sitting beside him, as many as one dozen students passed by, and again none of them asked whether we needed a band aid — they were more concerned about whether they could "pass" by — than with his state of health. I found this response — or lack of it — to be chilling.

I am acquainted with Sloan School students in my work, and unhappily I must say that I am not particularly surprised by this apathy and on my part. At a time when President Paul E. Gray '54 is trying to move the Institute toward a more humanitarian orientation, this incident is pointed. So much for concern and caring in the world of American business. Contradictions, future businessmen and businesswomen of America, you'll fit right in.

Peter C. Henon
Senior Secretaries, Energy Lab

MIT's financial aid is not favorable to all

To the Editor:

I am optimistic as a student to read of MIT's favorable financial aid program ("Fowler undergraduates qualify for aid," Oct. 17). However, the student's self-proclaimed success also warrants a view of the cracks in the system.

As a recent transfer student from Boston University, I was one of the first letters I received was from the Student Financial Aid Office. It more or less read that the student had been selected for an interview. I jumped to the conclusion this fellow slipped to the time I began assisting him, into another of Sloan School students passed by, and not one offered him one whit of help. In point of fact, while I was sitting beside him, as many as one dozen students passed by, and again none of them asked whether we needed a band aid — they were more concerned about whether they could "pass" by — than with his state of health. I found this response — or lack of it — to be chilling.

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The Tech PAGE 5

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Filmmaker Blier has been accused of miscalculation, but the attitude towards women in "Menage" is not negative. At worst it is negative. Underneath everything, the film seems a lot longer than its 84 minutes. I have not yet been able to see the film through to the end, but I have heard that it does not make a lot of sense. Perhaps they have not figured out how to present the story of Blier and the French public since seeing the film. Depardieu's standing acting performances. Depardieu and Miou-Miou have been favorites both in France and in the United States. Depardieu's performance is remarkable. He is not the only one to make a contribution to the film, as well as Ro- ger, who was the director of the film. Depardieu's performance is remarkable. He is not the only one to make a contribution to the film, as well as Roger, who was the director of the film.

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Canadians can produce fine films as well as great hockey players. 

BY JULIAN WEST and MICHAEL J. GARRISON

When Canadian filmmakers consider the question of what makes a film commercially successful, they usually state that the answer lies in the personal qualities of the actors and the script. However, when a film is produced by a Canadian company, it is usually treated as if it is a personal project. The quality of the film is determined by the ability of the actors to deliver their lines, and the success of the film is measured by the amount of money it makes at the box office. In this case, the film is called "My American Cousin." 

In this film, Sandy, a young girl, is sent to live with her American cousin in order to get away from her parents. She quickly becomes infatuated with the cousin, Butch, who is described as a "great hockey player." However, Sandy feels trapped by her parents and her own situation, and she begins to feel a sense of calling that leads her to question her life. 

As the film progresses, Sandy starts to realize that her American cousin is not what she expected. She begins to realize that her own parents are not as bad as she thought, and she starts to question her own beliefs about love and relationships. In the end, Sandy decides to return home, but she has learned a valuable lesson about the importance of self-discovery and the value of personal growth. 

"My American Cousin" is a touching film that explores the themes of love, family, and self-discovery. It is a great example of how Canadian filmmakers can produce quality films that are both entertaining and thought-provoking. So if you're looking for a good film to watch, "My American Cousin" is definitely worth checking out.
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Eagle set to break world records

...page 1) to help the pilot make the long, overwater journey, Daedalus will be equipped with a version of Eagle's automatic flight control system, which is based on Phase II. Human-powered aircraft, he said, "do not need to be powered to fly," Butler said. "They don't always respond in the direction you want them to go.

Eagle is heavier than it was designed to be, Butler said. "A lot of that is due to the fact that we were unable to obtain..." another modus graphitum," in time to incorporate it into the plane, he explained. "It's a prototype—it's expected to be heavy.

A group of about six, including faculty, students, and alumni, designed Eagle. "Most of them either worked on "...[an earlier MIT plane]," he added that the team which built the plane had been about 15.

Eagle bears a newly designed airfoil created by Mark Dea, a professor in the department of aeronautics and astronautics. The computer code Dea created as part of his PhD thesis "is being used to design several airfoils," Bussolari said.

Daedalus seeks sponsors

The entire Phase II budget of $195,000 was donated by the Anheuser-Busch company, Butler said. The company also provided considerable free materials and labor. The project received free flight facilities, equipment, and assistance. "Deepen Labs gave us..." Bussolari explained.

Course X enrollment continues to fall

(Continued from page 1)

The department of chemical engineering, which attracted only 40 sophomores this year, has seen a steady decline in undergraduate enrollment over the past five years. Sophomore enrollment stood at 49 last year and 59 the year before.

"The employment picture hasn't been very good for the past few years," explained C. Michael Mohr '85, undergraduate officer and lecturer in chemical engineering. "There's been a lot of new graduates expected to do, but it's been slow," he explained. "We're looking for as nearly a professional paper as an under-..."

Senior avoid new requirement

(Continued from page 1)

written, and re-read," she explained. "I'm not sure if we get a flood after the deadline, the dean's office guarantee that all papers will be read in time for graduation," she warned.

The most common reasons for rejecting a paper are the lack of a "perceivable structure," unex- planed tables and figures, and a lack of headings, she said. "We're looking for as nearly a professional paper as an under-..."

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Outside Looking In

By V. Michael Bove

HELLO? DR. MURPHY? WE HAVE A CALCULUS PROBLEM. WHAT SHOULD WE DO?

HE SAID TO TAKE TWO DERIVATIVES AND CALL HIM IN THE MORNING.

By Kevin Burns

CABOT

If you are a chemical engineer, materials scientist or a chemist with an advanced degree, Cabot Corporation wants to get to know you.

We're a diversified Fortune 250 company engaged in selected areas of the energy and specialty chemicals and materials businesses with research facilities in suburban Boston and in Texas. We're looking for M.S. and Ph.D. level research engineers and scientists to join our expanding R&D and venture activities related to materials used in the electronics and chemical industries.

Get to know more about us at an informational meeting on Wednesday, November 5 from 7:00 to 9:00 p.m. in Building 4, Room 149. We will be interviewing qualified candidates on Thursday, November 6. Contact the Office of Career Services for more details.

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YESS! Tell me how the Armed Forces Health Professions Scholarship Program can help pay my medical school expenses. Understand there is no obligation.

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Tuesday, October 28, 1986
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"Space Station: A Systems Engineering & International Challenge"
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Friday, October 24 at 8:00
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MANIACS
with special guests
SCRUFFY THE CAT

Saturday, October 25
At Walker Memorial
Doors open at 8 p.m.
Tickets on sale in Lobby 10
$3 with MIT/Wellesley I.D.
$5 with college I.D.
Special thanks to PKS

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NSA will be on campus Nov. 6th interviewing graduating seniors.

The Student Center Committee proudly presents

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Saturday, October 25
At Walker Memorial
Doors open at 8 p.m.
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$3 with MIT/Wellesley I.D.
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Special thanks to PKS
FRIDAY, OCTOBER 24, 1986

**IT'S THE LEGEND**

**LEGEND**

**PAGE 15**

**By Jim Bredt**

IT IS 3:00 A.M.

LIZ AND ATHENA ARRIVE AT THE FALLING ROOM, MIRRA.

LIZ, I'M AFRAID THAT THIS IS THE LAST YOU WILL SEE OF ME.

BUT YOU AND YOUR FRIENDS NEED NOT GET TIM BACK.

YOU'VE GOT HIM BACK. BESIDES, I'M NOT GOING VERY FAR.

A FEW MINUTES LATER

THE SITUATION IS PRETTY BAD.

STAR WARS IS RUNNING INTO TROUBLE. THEY CAN'T FIND ENOUGH SCIENTISTS TO MAKE IT WORK. SO NOW THEY'RE RESORTING TO KIDNAPPING.

THEY'RE EXPLODING AN ATOMIC BOMB IN NEVADA, AND THEY WANT ME TO WATCH IT FROM THEIR CONTROL ROOM HERE IN CALIFORNIA.

WHAT'S HAPPENING TOMORROW?

THEIR QUALITY WORKERS ARE GETTING DISILLUSIONED. BECAUSE THEY CAN'T PUBLISH ANY OF THEIR WORK DURING A PERIOD WHEN THEY OUGHT TO BE EXPANDING, THEIR BEST WORKERS ARE STARTING TO RESIGN. THEY ARE GETTING DESPERATE.

TOMORROW THEY'RE GOING TO TRY AND PRESSURE ME INTO WORKING FOR THEM.

You must get me in there tomorrow. No matter what it takes!

MEANWHILE, FAR AWAY IN THE MIRRA DESERT, PREPARATIONS NEAR THEIR COMPLETION. SEVERAL POUNDS OF METAL NAMED FOR THE GOD OF DEATH WE DEEP UNDER THE DESERT READY TO RELEASE ITS TERRIBLE POWER.

BACK AT LIVERMORE LABS AS PREOCCUPIED SCIENTISTS GO ABOUT THEIR DUTIES, UNsuspecting; A SMALL DISTURBANCE FLOATING QUIETLY IN A MAGNETIC BOTTLE BEGINS TO BECOME UNSTABLE AND SLOWLY STARTS TO GROW.
sports

By Rod Hinman

The men’s cross-country team won the MIT Invitational Saturday at Franklin Park. MIT finished with 20 points, to Tufts’ 40 and Williams’ 76 points.

A strong pack of four MIT runners took the lead early. Rod Hinman, 20 points, to Tufts’ 40 and Williams’ 76 points.

The MIT sailing team won the MAIAW Championship in a 30-foot boat, but will race in the 20-foot boat, yet will remain at the MIT spring season. Tom Humphrey ‘88 (helmsman), Doug Sabin ’89, and John Sullivan, at 11am tomorrow.

McNamara’s boys have been doing pretty well lately. Nobody’s buying it.”

I don’t quite follow.”

Well, they just beat the Anteaters, which was pretty good. You know, all those fans celebrating in Kensington and all. I even saw a couple get married on Yawkey Way.”

So what’s the problem?”

“Face it. The. team was a bunch of old men who couldn’t beat Billy Buckner in a race to the finish line.”

And?”

“Theres a whole new generation of Little Leaguers out there. There’s even a half hour to last time the Sox blew the big one. Anybody who hasn’t heard of Bucky Dent hasn’t paid his dues as a Boston fan yet. If only I could get them to believe. I mean really believe, that the Sox have a chance. They believe. And they could understand.”

“Wait, I can write some column insulting the Mets.”

Leigh, you always insult the opponents of all of Boston’s teams. Nobody cares anymore.”

“Wow, how you arrange it for the Mets to lose the first game?”

“Not bad, but not quite good enough.” Its been 68 years since the Sox didn’t choke, for Christ’s sake. And there’s no Baby. They’d just say, ‘I knew they’d lose all the time. It’ll take more than that to have them crying.”

“Really thought this time would be different.”

“Now we’re getting somewhere. But it needs that little extra something...”

“Why don’t you give Clemens a chance to win it all? That’ll drive them on wild.”

“Amazin’... This’ll be almost as much fun as the Super Bowl.”

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We’d like to introduce ourselves, show you around, and let you talk to some of the MIT grads, who have made the move from Kendall Square to Fresh Pond Circle. If your major is in electrical engineering, physical or computer sciences, it’s an opportunity you shouldn’t miss.

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