

WPI energy use cut 30%

Plant Services 'bundles up' for cold winter

by John Richardson
Newspeak staff

Winter is almost upon us again and this year, more so than in previous years, energy conservation is on everyone's mind; at least it should be. Oil prices are sky high and still climbing. Shortages of oil have been threatening with amazing regularity. And now we have lost Iran as a source of crude. So, whether we like it or not, energy conservation is becoming a way of life, especially around the WPI community where Gardner Pierce, head of Plant Services, has set strict goals for the months and years to come.

"We have a responsibility to ourselves as well as to the society," relates Mr. Pierce, "and if we don't continue to cut down our energy con-

sumption, we'll run ourselves out of business as an institute of higher education."

Energy has been a concern since the first shortages appeared in 1973, and

WPI has done much to cut down since then. The campus on the whole used close to one million gallons of heating oil in fiscal year 1973. In the six years hence, the figure has hovered around

the six hundred thousand mark. The figures for electricity look much the same. In 1973, it took seven million kilowatts to light the campus. That has been reduced to a yearly average of about six million kilowatts. These statistics are quite impressive, especially when you consider the increase in students, faculty, and energy dependent facilities that occurred over the same time period.

These reductions have not come easily. The Plant Services Department has spent many man-hours making preparations and improvements around the campus, not to mention the time spent researching and investigating in an effort to discover where

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Lt. Gov. pushes conservation

by Doug Fraher
Associate editor

Massachusetts' Lieutenant Governor Thomas P. O'Neil, III is a leading proponent of energy conservation in the Commonwealth. In a speech directed to community leaders and representatives at Worcester State College he stated, "I have been an advocate of energy conservation as a viable part of the solution

nation's energy ills for quite a while. However, it hasn't been until recently that people in and out of government have begun to see that conservation can make a difference in our lives. Conservation as I envision it means doing things more efficiently and making what we now use go further."

The Worcester Energy Conference, held November 16, was designed to

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Newspeak

The student newspaper of Worcester Polytechnic Institute

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Tuesday, December 4, 1979

The
2nd Annual
Gong Show

-see page 6-

Humanities and lab courses exempted

Most class size limits lifted

by Maureen Sexton
Newspeak staff

For college students across the nation, "registration" is a term which sends chills down the spine and causes massive epidemics of migraine headaches. At WPI, the case is no different, especially since the dreaded procedure occurs four times a year as opposed to the semi-annual event at most schools.

Despite attempts by the administration to improve the system, there are invariably infinite lines, piles of paperwork, frustrating waiting lists, and mass confusion. Many feel there must be a better way and the administration's latest effort towards improving the system include an added preterm course change period, an attempt to eliminate class limits on most courses and a new overload policy.

According to Dean vanAlstyne, the added course change period will be from Dec. 13 to Dec. 19. By this time the freshman will have received their schedules for C&D term and other

students will use the schedules issued before a term. All undergraduates will receive instructions, course change sheets and stickers in the mail.

The students can then fill out the forms, if necessary and deposit them in vanA's office between 7 a.m. and 5 p.m. Within two days the scheduling office should issue a description of the changes made in the students schedule. The normal course change period will also be held at registration time.

It is hoped that this will cut down on the size of waiting lines during registration as well as assist in a new attempt to abolish the limits set for a majority of WPI courses. Because a good deal of necessary course changes will be done well before the beginning of the term, it will now be possible to begin new sections of courses which have already been filled.

Since waiting lines were at a

minimum this term this is not expected to cause a great number of changes in the scheduling. If, in fact, a course appears to have an excess number of students, another instructor will be found and a new section created in an attempt to meet the needs of all the students. Obviously, new course actions are very difficult to begin after the term has begun and so, course changes made in January may be more difficult.

Unfortunately, due to a lack of lab space and large classrooms, waiting lists cannot be abolished altogether. Yet vanAlstyne hopes that if each student takes scheduling seriously and the majority of course changes are made during the early course change period a number of the pre-term hassles will be eliminated.

The final modification in the course change policy is a new overload policy.

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Nominations open for outstanding teacher

The Faculty Awards Committee has announced that it is now accepting nominations for the 1979-80 Award for Outstanding Teaching. Nominations can be made by any member of the WPI Community prior to December 21, 1979. Eligible nominees are restricted to full-time members of the faculty who are actively engaged in the education of WPI's students during the current academic year. Faculty members of the Awards Committee, and past recipients of the Award are ineligible. A complete listing of these faculty appears below. Nominations should be sent to Professor Frank DeFalco, Civil Engineering Department. You may choose to use a standard nomination form which is available in the Student Affairs office.

The Committee:

Faculty: F.D. DeFalco, Chmn., R.R. Hagglund, T.H. Keil, J.T. O'Connor, J.P. van Alstyne, J.F. Zeugner.

Students: Suzanne Call, Catherine Girouard, Paul Lindenfelzer, John Neilon Carlos Smith.

Past Recipients still on campus: Professors Grogan, van Alstyne, K. Scott, Wagner, Hensel, Hagglund, Moruzzi, Boyd, DeFalco, Keil, Staples.

No problems seen for WPI Iranians

Due to the current crisis in Iran, all colleges, including WPI, have been sent a memorandum from Attorney General Benjamin Civiletti outlining the steps each Iranian student must follow to remain in the United States. Assistant Dean of Student Affairs and Foreign Student Advisor, Bernie Brown, told Newspeak that about half of the 53 Iranian students at WPI have reported to the Immigration and Naturalization Service in Boston. Most of these students went during the Thanksgiving break. So far, none of these students have encountered any difficulties with the I.N.S., except for long lines. The only problem Brown could foresee would be the case of a senior who is finishing an MQP and taking no other courses, technically making him a part-time student.

So far, the freezing of Iranian assets has not had any effect on the students finances. However, next term, some of them might run into financial difficulties, Brown said. Presently, Iranian students are limited to \$1000 a month by their government. Brown stated that they are watching the situation and

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Co-captain Randy Byrne skies for a lay-up in second half action in WPI's 70-60 win over Nichols. Story on Page 10.

Soviet scientist returns to WPI

by Jeff Roy
Newspeak staff

WPI is working in the direction of Soviet-American collaboration.

Since late October, Professor Alvin H. Weiss of the chemical engineering department has been working with Dr. Vladislav A. Seleznev of the USSR, doing research in catalysis.

Dr. Seleznev explained, "We are working on coal liquidification - trying to make oil from coal by the hydrogenation process using catalysts."

Dr. Seleznev comes to WPI from Moscow, where he is employed in research at the Institute of Chemical Physics, Academy of science, U.S.S.R.

Four years ago, Dr. Seleznev spent eight months on the WPI campus, also working with Prof. Weiss.

"My visit here is part of Soviet-American collaboration in the chemical catalysis program," mentioned Seleznev. "When I was here in 1975, I did

(continued to page 3)

EDITORIAL

New policy questionable

The drastic change in course limit policy by the administration is an apparent attempt to please all of the students all of the time. Sadly, it will probably not satisfy any of the students any of the time. Eliminating enrollment limits is not going to help the registration problems, if that is the intention. The logistics of scheduling extra classes in the first few days of a term, finding professors and classrooms to accommodate these classes, letting the students know the who's and when's of the new class sections, and the elimination of conflicts seems to be more of an impossible task than the present method of scheduling and registration.

Initial reaction from the few faculty and students that Newspeak has spoken to about the new policy has been disbelief. We share this disbelief. The present system of scheduling and registration has proven to be too much of a burden for the administration already. Now they have added to this burden. The results will probably be a course change period and academic term worse than ever believed possible.

The addition of a course change period next week should help the situation, but the administration has gone a little too far in their attempt to prevent the embarrassing situation seen at the beginning of B-Term.

Earlier this year we wrote on faculty loading. We pointed out that while the administration was trying hard to alleviate the situation, there were still imbalances in the distribution of work load among the faculty. Forming new class sections at the beginning of each term will, from our viewpoint, make it impossible to logically and fairly distribute class loads. In fact, student and faculty complaints about extra-large classes will inevitably increase under the new policy.

What will happen to those classes that will have only a handful of students registered? Can the faculty adequately prepare for a course when they have no idea how many students will be in it? Will the bookstore be able to stock books when they will have no idea how many will be sold?

Perhaps the most bothersome aspect of the drastic change in policy is the suddenness and secrecy of it. There was no input from faculty or students, as far as we can tell, and, until today, most students and faculty were unaware of it. There was no hint that this was being considered, thereby eliminating the chance for students and faculty to express their skepticism before the decision was made. Basic to most academic communities is the chance for everyone in it to express their opinion about policy. At WPI, this has been circumvented for no justifiable reason.

We haven't judged the new policy a failure yet, but we honestly feel that our skepticism will be justified come the month of February 1980. Good luck to those that are going to have to once again suffer the wrath of students and faculty. At this point, luck is probably the only thing that could help you.

Kenneth J. Mandile
Robert Dreyfoos
Jim Diemer
Doug Fraher

LETTERS

CSS looking for input

To the editor:

Perhaps you've seen those posters around campus. "Got any questions about the Plan? Have problems or gripes about courses, teachers, or just things in general? Come to the Committee of Concerned Students meeting." On the other hand, there's that tendency to overlook mimeographed posters on doors simply because the average student is assaulted by so many of them every day. But if you have seen one of those rather pedestrian posters, and if you paused before you decided you weren't interested and thought about the last time you thought some policy should change but there didn't seem to be any way to go about doing it, then you might have realized that CCS is providing a valuable service to the students of WPI.

"Direct action" is a phrase that's been much overused in reference to citizen advocacy groups, but it's a good description of what CCS tries to do as a student advocacy group. CCS provides a forum for airing complaints about anything pertinent to the school

and its members try to resolve those complaints. In the past, we've worked on such diverse projects as student voter registration and the school drug code. This year, we'd like to look into resolving student-teacher problems and publishing a guide for incoming freshmen about things your advisor and the operational catalog doesn't tell you. But we need your help.

Membership has shrunk drastically from last year. We find it hard to believe that some of the multitude of people we hear moaning about this course or that school policy aren't willing to take even the first step in solving those problems; namely, getting together and discussing those complaints. Perhaps it's easier to complain than it is to do something. But if you're one of those few who do get involved, we'd like to hear from you. Our next meeting is today, Dec. 4, at 4:00 in the Pub (and you don't have to be 20 to attend).

Mark J. FitzMaurice '81

Look before you leap



by Mark DiLuglio
Advertising Manager

It looks like another dull week as far as anything out of the ordinary goes. Now that Thanksgiving is over there will be quite a few early risers for sign-up lists as the first wave of panic hits those who did and those who didn't.

Before we get to the companies that will be coming we have this week's helpful hints that are more like a view of the future from Hatchet, a recent graduate has these words to say about the RW (real world).

Monday — 8-5 work, this day is the longest day of the week. It is very difficult to fully recover from the weekend by this day. After work it's food, usually lousy because you have to cook for yourself. Your first Monday you will go out, watch Monday night whatever, suck down a few drafts and feel like bile Tuesday. Every other Monday HENCEFORTH (big word used by competent engineers) you will watch TV at home till you dose off. Another thing you might notice is that you print everything, which takes twice as long.

Tuesday — 8-5 work, go home, eat, TV, go to bed. Very exciting day.

Wednesday — 8-5 work, go home, eat, sometimes clubbing is allowed depending on present money and whether you remember what happened the last time you went out on Wednesday. Weekend is coming.

Thursday — 8-5 work. Time is watched, counting down hours until 5. Day goes by slowly. Go home, eat. Get ready to go out, weekend officially begins. Go out, get faced, go wild, come home, pass out, feel lousy for Friday, but it doesn't matter.

Friday — 8-12 recovery, 1-5 work or fake it. Go home. Weekends are free time to do things like clean house, fix car, etc. And the cycle begins again on Monday.

Well, thanks Hatchet for that valuable insight.

Juniors:

Plan now for the open meeting on resume writing and other assorted job type things that will be held in the first part of the week of December 17. There will be *only one* meeting, and it will be invaluable to you so it will be worth your while to check it out. Check OGCP for final details. for final details.

The following companies will be interviewing this coming week;

Wednesday, December 5: Babcock & Wilcox, Monsanto, Pfizer/Chemical Division, Westinghouse.

Thursday, December 6: Camp, Dresser & McKee Inc., Colt Industries, General Dynamics/Electric Boat, Singer/Kearfoot Division, Westinghouse.

Friday, December 7: Albany International, Air Products & Chemicals, Inc., Dennison, Navy/Dept. of Capson, Singer/Kearfoot.

Monday, December 10: Alpha Industries, Combustion Engineering, Conn. Municipal Electric Energy Coop., Estee Lauder Inc., R. R. Donnelly & Sons, Motorola.

Tuesday, December 11: Central Intelligence Agency, E. I. Dupont De Nemours, Estee Lauder Inc., Motorola, Northeast Utilities, Production Services Inc., Riley Stoker, Siemens, Atlas.

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The student newspaper of Worcester Polytechnic Institute
Box 2472 WPI, Worcester, Massachusetts 01609
Phone(617)753-1411 extension 464, or 756-8575

editor-in-chief
Kenneth Mandile

news-features editor
Maureen Higgins

photography editor
Leon Droby

sports editor
Phil Miles

business manager
Steve Kmietek

circulation manager
Perry Esposito

graphics editor
Robert Dreyfoos

advertising manager
Mark DiLuglio

associate editors
Jim Diemer
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Lynn Hadad
Tom Nicolosi

faculty advisor
Kent Ljungquist

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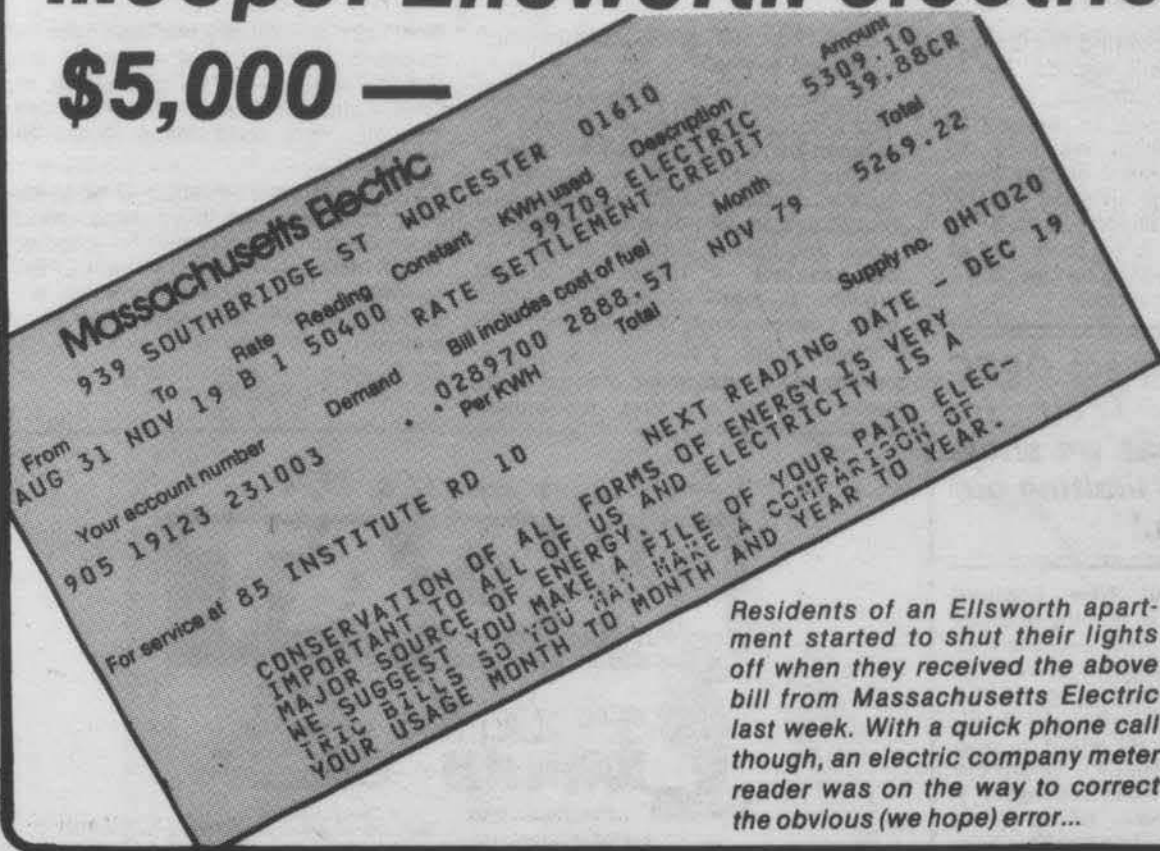
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...oops! Ellsworth electric rates jump to \$5,000 —



Residents of an Ellsworth apartment started to shut their lights off when they received the above bill from Massachusetts Electric last week. With a quick phone call though, an electric company meter reader was on the way to correct the obvious (we hope) error...

...Soviet professor

(continued from page 1)
 research with Prof. Weiss in the areas of condensation and carbohydrates."
 "Since that time, we have accepted three exchange visitors of Prof. Weiss, Randy Partridge and Rich Socha of WPI and Dr. St. Zieniecky of DuPont came to our Institute."
 While Dr. Seleznev is at WPI, he and Prof. Weiss will work in the Goddard Hall coal laboratory studying catalytic processes, and then using them to try to get oil from coal.
 Will Dr. Seleznev come back to WPI for a third time?
 "I'm not sure, it would be nice," he

responded.
 Dr. Seleznev will be at WPI until the middle of January, when he will return to Moscow to continue work on projects of interest in his country.
 "I like WPI very much, that's why it is my second time here," added the Soviet scientist. "I like the people here. They are very friendly."
 When asked about the difference in Soviet and American research, Dr. Seleznev commented, "The work is basically the same, but different projects. When I return I will be working on a project dealing with the mechanism of a reaction."

Directories delayed until next week

Repeated trips to the Office of Student Affairs will not yield a student directory—at least not until next week.
 The directories, including the addresses and phone numbers of the WPI students, will finally be available to students after being delayed for over a month.
 "We usually have the student directories out during the first week of B-term, but we ran into a lot of small problems this year," explained Russell Kay, director of publications. "We had hang-ups in every area—it wasn't limited to any one thing."
 "Getting the information from WACCC was a longer process this year, because there were some mistakes that had to be cleared up. The publishers had the book two and a half weeks ago and I've been rushing them to get it out as quickly as possible."
 A shipment was expected in last week, but Kay had not been aware of its arrival at press time. "If the shipment did come in today, it would have gone to the Office of Student Affairs; but I haven't seen it yet."
 "I don't feel good about them coming out so late, but one problem followed another," added Kay. "They'll definitely be here next week. We won't have this problem next year because the book is going to be put together much differently."

The distribution of the directories to the students will be handled differently than in previous years. Dormitory residents will receive theirs from their Resident Advisors. The spokespersons for Ellsworth and Fuller will distribute copies to their roommates and fraternity presidents will be responsible for picking up and distributing copies to their live-in brothers.
 Directories for students not included in the above residences will be available at the ticket window in Daniels Hall between the hours of 11-2 on Tuesday, Wednesday, Thursday and Friday, Dec. 11-14. You must show your validated ID.
 After this designated period of distribution, copies that have not been picked up will be left in the Bookstore for general pick up.
 Faculty, staff and administration copies will be sent to them.
 The new method of distribution was devised to discourage students from taking more than one directory.

Seminar Thursday

A seminar will be held this Thursday, Dec. 6, in an attempt to warn and inform students about life insurance and air travel rip-offs. Unsuspecting and uninformed students (especially seniors) are often approached by insurance salesmen who offer policies that give relatively little coverage for the money.
 Steve Hebert of Alumni Affairs will speak along with two insurance company representatives. The seminar will be held in Morgan Dining Hall at 7:15 p.m. All are welcome.

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4:00 P.M. Tuesday, December 4 SL 121

...O'Neil pushes conservation at energy conference

(continued from page 1)

carry this message to the people and provide information on practical methods for achieving reductions in energy use. Displays and printed material advised the homeowner on how to evaluate energy use and techniques to reduce consumption. Weather stripping, insulation installation, solar heating, wood stoves, and many other topics were covered. Emphasized throughout the program was the proposition that a weekend of work and \$200 in materials can reduce the average homeheating bill by \$250 a year at current rates.

With each OPEC increase conservation becomes more important. According to O'Neil, "there used to be an old rule of thumb that one's shelter costs - including mortgage payments, utilities, taxes, and upkeep - should exceed no more than 25% of one's income. Energy costs have made a mockery of that. For those people at or below poverty level, energy costs alone approach 40% of their family income. And the middle income, that huge group with salaries from ten to forty thousand, are becoming the new energy poor. Last winter the average family in New England spent 15 percent of its annual income on energy alone."



—Mark Flemming

Lt. Gov. Thomas O'Neil

In a press conference held later that day, O'Neil spoke on conservation and the development of energy sources within the state. Questioned about nuclear power, he stated "I don't hold it out as being the answer. It takes 8-12 years for a nuclear powerplant to be put on line. Obviously, even if nuclear is pushed, it's not going to make a difference tomorrow. I don't believe that nuclear power is safe, clean, or cost effective enough. Three Mile Island proved the first two. The Seabrook plant was supposed to cost 900 million dollars. Now it's 3.1 billion and 800,000 electric consumers in New Hampshire and Eastern Massachusetts are supposed to pick up the tab. This is too much to expect."

Speaking on alternatives, O'Neil said that "with present technology we can burn coal much more cleanly and safely than before. Hydroelectric is an extremely clean source of power that will become more important to New England. Massachusetts alone has 1,100 small hydroelectric plants that could be put back on line. There's an excess of electric power being generated in Eastern Canada currently — we could purchase this immediately if the utilities would agree. American utilities are not in favor of this. They want nuclear. They want to sustain a high profit by continuously building new generating facilities. But we don't need Pilgrim II if we purchase power from Canada and develop other resources of our own. We'll push the grid aside and force them to use it."

One potential energy source for New England is the oil that may be obtained from the George Bank sites. However, many New Englanders are worried that a renewable resource, the fisheries, may suffer extensive harm from continuous leakage from drilling platforms and possible catastrophic spills that

may result from exploiting the George Bank Oil. But O'Neill stated, "I'm in favor of offshore drilling on the Georges Bank as long as reasonable safeguards are taken. We have to protect the environment of that area. Fishing and tourism provide 150,000 jobs and 2½-3 billion dollars in business. This has to be protected at all costs but I believe the oil can be exploited safely if care is taken."

'We can't expect OPEC to control their increases unless we show good faith by limiting our consumption.'

Wood is another New England energy source that is getting a great deal of attention. O'Neill believes that wood and methanol derived from wood will play an important role in the future's energy mix. However, he qualified his enthusiasm for wood, saying that "it's important that we determine what yield the forests can successfully sustain. We also have to do more research into the possible health effects of widespread wood burning, and if necessary, pass legislation to protect the public. One disadvantage of wood stoves that's come to light is

the fact that they push home insurance premiums way up."

When questioned about recent cutbacks in MBTA operations, O'Neill expressed his opposition to decrease in service, stating that he is a "strong advocate of mass transit. A good mass transit system will help save our older cities and towns. Services should not be curtailed — rather we should provide as many as possible. Mass transit saves money and energy."

O'Neil is also a firm believer in conserving fuel by obeying the 55 mph speed limit. He feels that, "it's incum-

bent upon community leaders to set an example. If everyone drove at 55 we would realize substantial savings in oil. We ought to be enforcing this more strongly. More state police should be on the road."

Summing up the situation, O'Neil said that "conservation buys time. Next year there will probably be another OPEC increase. We can't expect OPEC to control their increases unless we show good faith by limiting our consumption. Conservation will create 20,000 jobs in manufacturing and construction in Massachusetts."

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...many attempts to increase efficiency

(continued from page 1)

these improvements were — and still are — necessary.

The oil burner, which is housed next to Washburn, was recently overhauled to improve its efficiency. It was discovered that the smoke stack was reaching excessively high temperatures. When that happens, it is a sure indication that too much heat, that should be busy making steam, is being lost out the stack. There was nothing unusually wrong with the burner, it was

just a matter of general maintenance that had been neglected too long. Age overcame one of the steam pipes in the system also. It was the oldest pipe in the system which ran between Salisbury Labs and Kaven Hall. The replacement pipe that has been installed has more insulation around it than did its predecessor, which will eliminate a major portion of the heat loss to the ground.

Other attempts to increase the boiler's efficiency include a computer the help of Honeywell, Inc. Studies

control which is being installed with show that this will produce a 20-30 percent savings over the manual operation method previously used. The water pump has been relocated at the top of the power plant which will allow higher line pressure into the boiler and therefore greater heating efficiency.

Insulation is being added to many of the buildings around campus. Thermal pane windows have been installed in Salisbury and they have been purchased for Stratton. Plant Services, with the

cooperation of the Mathematics Department, hopes to have these completely installed by January, New England's coldest month. Additional insulation has been installed in the attic of Salisbury and the roof of Harrington Auditorium, which was replaced under warranty due to a manufacturing

Conservation measures have also been instituted to reduce electricity consumption. Light bulbs have been removed wherever excesses were discovered. Ten minute timers have been installed in the stack lights at Gordon Library.

Unfortunately, rising costs make Plant Service's efforts seem fruitless. Although WPI has achieved a 30 percent decrease in oil consumption in recent years, the cost per gallon of that heating oil have increased by 700 percent over a six year period. More increases are expected for the 1980 fiscal year.

The roof now meets government insulation standards for new buildings even though it was originally constructed in 1968.

Therefore, we must all begin to do our part to combat an ever expanding problem. Gardner Pierce estimates that an additional 5 percent can be saved through individual awareness, concern, and most importantly, action. Turn off those unneeded lights, whether they are in your dorm room or in a classroom. Lower the thermostat and close those windows wherever and whenever possible. And if you have any ideas or suggestions on how the campus can conserve, Plant Services would like to hear them.

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COMING FOR CHRISTMAS

Goat's Head gets gonged



Captain Video and the Electric Star Command.



Sonya and Vicky arm it out.



Joe McCann, alias "Red Vector."



Rigor Morris, singing "Cathy, more than a friend."

Photos by
Mark Fleming



Saxophonist from "the Unspeakables."



M.C. introduces judges (l. to r.) Prof. Dunn, Sal Bruno, and George Manini.

...most class limits to be lifted

(continued from page 1)

As a result of the new policy, a number of students who did not bother to drop pre-registered courses when adding new courses at registration time will receive overload bills in a few weeks. The faculty hope this will cut down on the number of "phantom students," people who are registered for a course yet never show up or drop the course. These "no-shows" create many problems for a number of courses appear filled on the pre-registration lists, but are not according to the number of course cards turned in. Waiting lists are created for these courses, but often frustrated students

simply pick up another course rather than wait for an opening.

Dean Van Alstyne explained that another complication is caused by students who do not attend the first courses of a term for either legitimate or illegitimate reasons. Because of this, professors are often reluctant to allow those students on waiting lists into the course with limited enrollment, fearing that some of the vacancies in the class are not no-shows, but rather students experienced enough to realize that the first classes are often simply organizational.

The best way for a student to get in

to a filled course is often to go and see the professor teaching the course. A Math course, Probability Theory, had a fairly long waiting list this term, but Professor Woolford allowed those students who came to see him into the course despite the limit. Woolford commented that he would have allowed the seven people remaining on the list into the course, had they gone to him. This particular course is a good example of inaccurate pre-registration figures, for twelve of the twenty-nine students enrolled in the course never showed up for the class.

Professor James Hanlan of the Humanities Department feels that the new overload policy has already begun to have an effect on the number of phantom students. A History course which he teaches was filled and had a rather long waiting list, but in this case only three students failed to attend the course. Hanlan indicated that he usually checks the registration boards to see if any of his courses are filled, then informs the desk on the final afternoon of course changes if there are any students who have not yet attended the class. The administration has no formal policy of informing the

professors of filled courses, however.

Often, space in filled courses is not confirmed until the afternoon on the last day for course changes, because professors often wait until the first few classes have passed and they are more certain the vacancies are permanent. Van Alstyne explained that often there is no way of getting in touch with the students on the waiting list at that time, so it is often a good idea to try the registration desks an hour before they close. An Engineering course, ES1020, for example, had a seven person waiting list and a number of those students could have taken the course had they seen van A after 2:00 p.m. that Friday.

Those who have gone through the waiting list merry-go-round often realize that they may have a chance to get into the course they want late in the registration period. Because of this they register for a new course, but wait until the final day to hand in their class card. If this course is filled, it again causes inaccurate class enrollment figures and the process begins again.

Though it often seems as if three fourths of the courses are filled, van Alstyne's figures report only six different courses had waiting lists remaining after the course changes had been completed. This does not reflect the number of courses which had waiting lists during the course change period or the frustration felt by both the students and the administration during registration.

Freshmen and Sophomores are those most affected by the waiting lines merry-go-round because the introductory courses are taken by a large part of the underclassmen and fill up quite quickly. Also, course changes are quite frequent for the younger students due to their unfamiliarity with the classes.

FUF fetes Cooney

by Doug Fraher
Associate Editor

The officers, members, and pledges of FUF feted city councilor elect Timothy G. Cooney at FUF headquarters in Stoddard A on Friday night, November 16th in a continuation of their campaign support. President Mark Boivin, speaking of FUF members as "a bunch of guys trying to make the fall term", congratulated Cooney on his victory and expressed hopes for further cooperative efforts in the future. Both Timothy and his infant son, Douglas, were inducted into FUF. Cooney, a graduate of Assumption College with experience in college coaching, broadcasting, public relations. And safety, spoke of the need for greater cooperation between the city and the area colleges. Cooney stated that "schools should become more involved with civic life. WPI students working in safety projects and other aspects of management with city hospitals and the Department of Public Works have come up with solid recommendations that have saved the taxpayer's money. There's a great deal of potential in the interaction between the city and schools. Some of the city fathers aren't very interested in communicating with students. But because of my connections with the colleges, I can be effective in bringing the gap between the two groups."

FUF Officers: President - Mark Boivin, Vice-President - Dave Wilbur, Treasurer - Sean Cafferty, Chairmen - Joe Santos, Ed Austros, Social Chairmen - Scott Fortier, Tim Donnellor, FUF Personified-Brian Fuller.

FUF Members: Russ Philpot, Andrew Whitaker, Dave Paguette, Kevin Sullivan, Greg Phips.

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Maxwell's opens dinner club: Maxines

by George F. Tobin, Jr.
Newspeak staff

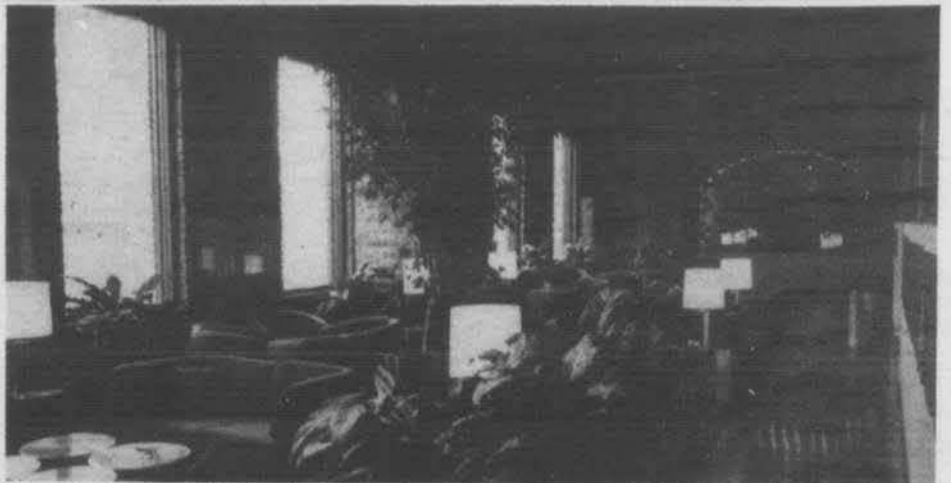
On November 3rd, Maxwell Silverman's Toolhouse Restaurant took another leap upward in its quest to become the number one dining spot in Worcester County. The latest addition to Robert "Gus" Giordano's already famous Maxwells is an "Exclusive" dinner club restaurant/ lounge on the fourth & fifth floors of the same building, marking the era of "Maxines".

"Maxines" will be open to the public for Sunday Brunch only, otherwise it'll cost you \$250 to join as a member of the club. Brunch will feature such items as Eggs Benedict, omelettes, crepes, waffles, fritters, and other delectables du jour, as well as an assortment of fresh fruits, juices, coffees (they have their own espresso

machine) and liquors. The price for Brunch is \$7.95 for non-members, and \$5.95 if you've elected to join the "Maxines Set".

While visiting Maxines to do this special, I glanced at the menus for lunch and dinner (a compulsive habit of mine). Luncheons feature such items as Crepes du Jour, Eggs Benedict (\$3.95), the Hot Brown-sliced turkey, topped with cheese sauce, served on an English muffin with salad and french fries (\$3.50), or a number of other sandwich specialties. Salads are also a specialty, with such features as Spinach Salad (\$2.75), chefs Salad (\$3.50), or Yogurt Topped Fresh Fruit Platter (\$3.50). Among the desserts are Strawberry Mousse (\$2.00), Cheesecake (\$1.50) or Pears Helene; pear halves topped with Ice Cream, chocolate sauce, and whipped cream (\$1.75).

Dinners at Maxines are also quite an elaborate affair, with a wide variety of choices. Among the offerings are Veal Chops (\$11.95), Sole (\$8.50), Duckling, Fetticini a la Maison (\$9.95), or Chauteaubriand pour deux (\$24.50), to name only a few. All dinners come with salad, vegetable, and pasta, rice, or potato du jour.



The inside of Maxine's, the addition to Maxwell's, looking along the cocktail lounge and bar.

—Leon Droby

Singers to entertain parents

On Parents Day, December 8, the combined choruses of the WPI Men's Glee Club, WPI Women's Chorale, and the Simmons College Chorale will be performing Bach's Cantata No. 21. Guest soloists will be Lucy Millar (soprano), Maryanne Martini (alto), John Palmer (tenor), and Jonathan Bamhart (baritone). The performance will be at 3:00 in Alden Hall and is free of charge. Prof. Louis Curran, director of the WPI Men's Glee Club will conduct.

THE ARTS

The WPI Glee Club is the second oldest organization on the WPI campus. Recently, the club has toured the Midwest, the South, the West Coast, Canada, England and Europe. The group numbers some 48 men, and has sung with such schools as Smith, Wells, Wheelock, Anna Maria, and Regis. The literature of the club extends from American folk songs, spirituals, and ballads to Medieval Mass settings. The present club is made up of members from all of the undergraduate classes.

The program will include, in addition to the Cantata, a performance by the Simmons Chorale of "Serve Bone" (Charpentier); "Ehore mich, wenn ich rufe" (Schuetz); "Ihr Heiligen, lobsingt dem Herren" (Schuetz); "Laudate pueri Dominum" (Mendelsohn); "The Eyes of All Wait Upon Thee" (Smith); "Magnificat" (Chihara); and "A Jubilant Song" (Dello Joio). The WPI Men's-Glee Club will perform "Forget Not My Law" (Effinger); "BLACK Is The Color" (Anon.); "Rose of Sharon" (Billings arr. McKay); and "The heart Worships" (Holst).

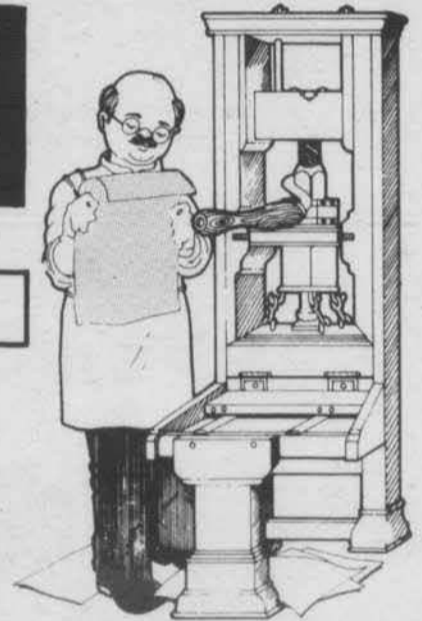
The Orchestra for the Cantata is funded through a grant by the Music Performance Trust Fund.

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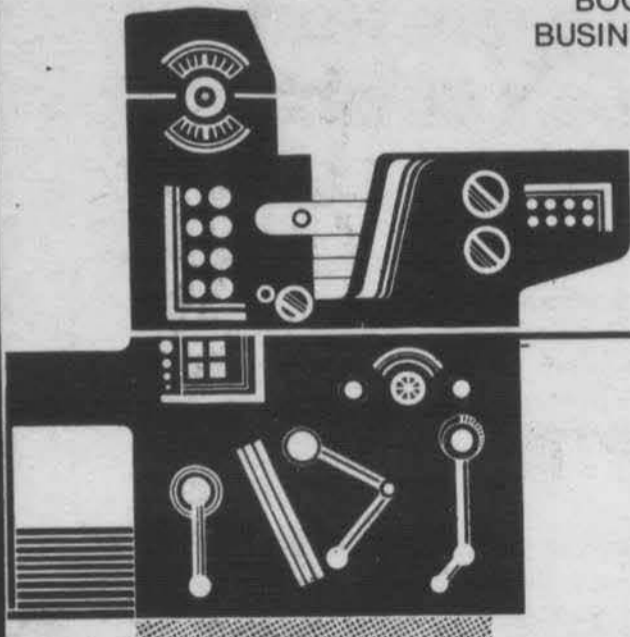
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classifieds

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YAA! and next Thursday we'll have some other outcast from the 60's trying to rip us off. No thanks. **THIS IS THE MODERN WORLD.**

WARNING TO THE REDNECK TRUCKER pink panties on your rear view mirror beer cans in the back. I see you've been going out with Alice. Don't you know she's my nurse Jack!

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C21E13- I've checked every can and hydrant in D.C. and can't find Bashful anywhere. Project is going great! The Senator says a nationwide leash-law is a great idea. I'm bummed, the only bid I got was from Kap. Tell 'em to join it, I'd rather hang out with Pedigrees. WTB, any liquid, and get to know her. -SPOT

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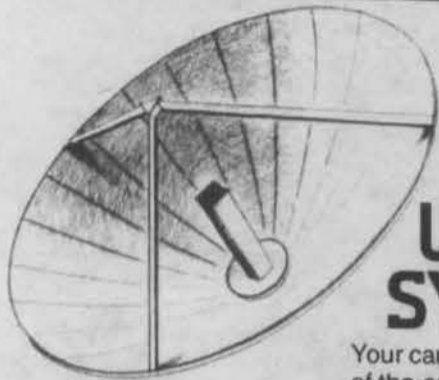
ANY STUDENTS wishing to go to New Hampshire to work on Senator Ted Kennedy's campaign this weekend, or wanting to help in other ways should contact John Sullivan Box 2379.

TO J. & E. OF M4: The J's of 213 say thanks for a great party last Friday. Eric - You're not a very good babysitter. K.

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Coming For Christmas.

Engineers corral Bisons, 70-60

by Mark Boivin
Newspeak staff

The WPI varsity basketball team defeated a young Nichols College team 70-60 last Saturday night in Harrington Auditorium, in their 1979-80 season-opener.

"I was very happy winning the first game of the year. It's something we haven't done in a while," commented

surge.

Nichols chipped away at the lead and cut the margin to four before WPI closed the door with three minutes left in the game.

The games' high scorers were junior co-captain Randy Byrne and freshman center Jim Petropulos who both had 19 points.

"Petropulos played some pretty exciting basketball, and I was very happy

last year's co-captain Jim Kelleher, which coach Kaufman sees as a major loss. Kaufman sees co-captains Mark Nestor and Randy Byrne as the team's strong point.

"We have a general lack of experience in other positions, but as time goes on the players will learn a lot. The team wants to work hard and they know what's needed for us to win," said Kaufman.

The remaining varsity team includes, junior Tim Shea, sophomore Rick Wurms, freshman Jim Petropulos, junior Tim Bazinet, sophomore Dave Pecevich, freshman Huss Phlipot, junior Webb Grouden, senior John Titus, freshman Ed Walls, and freshman Shavn Moore.

The next WPI home game is Wednesday, December 5, against Norwich.

SPORTS

Head Coach Ken Kaufman.

The Engineers certainly had their share of first game jitters as they made only eleven of thirty-seven field goal attempts in the first half, including over a half a dozen missed lay ups. Although WPI had some first half troubles, they managed to hold a half-time lead.

Early in the second half the Engineers took control and opened up a fifteen point lead with sophomore Rick Wurms playing a key role in the

with the young guys, but Byrne and Nestor controlled things and that's the way it should be," commented Kaufman.

In JV action, the Engineers bowed to Nichols 96-82. The high scorer for WPI was freshman Steve Smith who had 14 points. Chris Trainor was the leading rebounder, with eight.

The 1979-80 basketball team is now without the services of graduated All New England Guard Kevin Doherty and

Soccer team named Division champs for sixth time

For the sixth time in the fifteen-year history of the division, WPI has been named regular season NCAA Division III soccer champions in New England, thus culminating the remarkable effort turned by the 1979 booters. In addition, Head Coach Alan King has been named "Coach of The Year" in Division III. These honors mark the end of a fantastic season for WPI soccer, one that began in August with hopes of only improving last year's 4-7-1 mark.

Seasons highlights include a 1-0 victory over eventual national Division III playoff champion Babson, a 2-1 loss to highly touted Division I power Boston University in the last minute of overtime, and a come-from-behind tie with nationally-ranked Hartford. These efforts carried the WPI squad into the New England NCAA Division III playoffs as the No. 2 seed, where they took on third-ranked Brandeis.

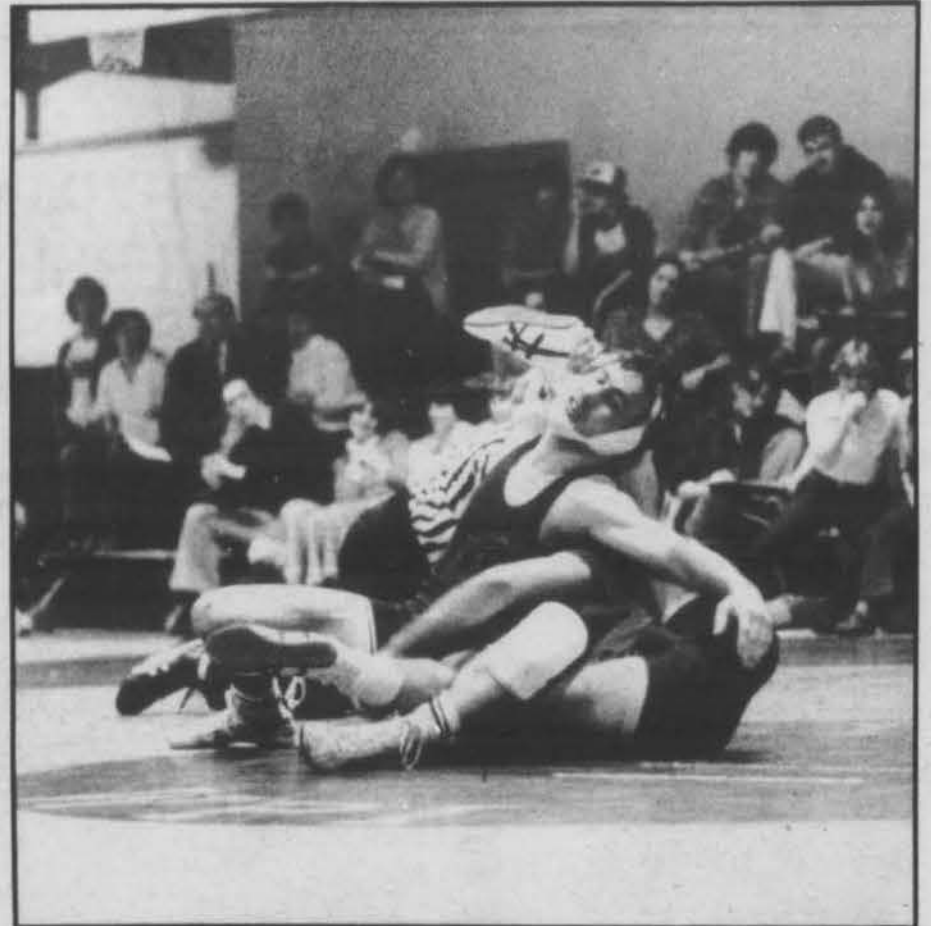
Unfortunately, WPI lost its home field advantage in the playoffs (Incidentally, WPI was undefeated at home in the regular season!) due to "inadequate facilities". Finally, on November 10 at Waltham, WPI fell to Brandeis in sudden death overtime, 2-1.

In the Brandeis game, the booters played a strong first half, and with the wind at their backs, outshot their opponents, 11-4. The score at the half was 1-0, WPI, as a result of Leo Kaabi's sixteenth goal of the year. Brandeis quickly tied the score three minutes into the second half with the wind now

much in their favor. The WPI defense hung tough, as it had all year, and Brandeis was denied again and again. As regulation time ended, the score remained square at one goal each. Brandeis won the coin toss and promptly took the wind advantage for sudden death. The heartbreaking end for WPI came eight minutes into overtime, as a deflected Brandeis shot squeaked into the goal.

Other noteworthy accomplishments this year include WPI's honorable mention in the final Division III national rankings — a first for the school. At one time, WPI was ranked as high as ninth in the weekly New England Division III rankings, and finished in the tenth spot. WPI was not shut out in any game this year, and the team set a single-season school record by posting five shut-outs in the year.

Thanks to all the loyal fans who supported WPI soccer this year. Congratulations to Coach King for yet another fine season; his enthusiasm and patience deserve much credit. Thanks also go to Sam Wooford for sharing his goal keeping expertise. Farewell to "Old Men" Bob Cummings, Brian Huntley, Leo Kaabi, Arman Gorkani, Jay McNeff, and Tom "I'm playing next year!" Trepanier. And finally, for the rest of the team, its managers, and everyone else who contributed to the teams, — Bet you can't wait for next year!!



—Greg Caccavale

WPI's Bill Comeau wrestles against Boston College team member. WPI won all but one weight class against B.C. On Wednesday the wrestling team travels to Trinity. The next chance for WPI fans to see them in action is next Saturday against Bowdoin at 2 p.m.

Cross-Country ends season with even 8-8 record

by Tom Horgan

The WPI Cross-Country team, beset by injuries and inconsistency throughout the season, put it together in the last few weeks to win their last six decisions, even their record at 8-8, and narrowly miss a trip to the Division III Nationals.

After struggling through the season with a combination of close and lopsided defeats, the harriers finally ran true to form in taking a tri-meet and a five-team meet in two successive weekends. Then, two weeks later, they

placed sixth in the New England Division III Qualifiers (unfortunately only five teams go to the Nationals).

The resurgence of the group was led by Co-Captain John "the Terpster" Turpin's return from injury and the consistency of his Irish sidekick, freshman Mike Horgan. Also contributing considerably were Mike Bickford, Tim "one-cell" Leroy, Jim Drumm, John Kelly, and Don Chartier.

As Coach John "Intramural Champ" Brandon looks back on his third and most trying season he has to be pleased with the comeback of the team and that they finally got an article in Newspeak.

U.Mass opens

VD clinic

Venereal Diseases (VD) are now in epidemic proportion. The incidence of VD is second only to the common cold. There are over 3 million cases of gonorrhea and syphilis reported each year. VD is spread by sexual contact and the possible complications resulting from these diseases are serious. Most of these infections can be easily cured if diagnosed and treated early. Venereal disease may become anyone's problem.

The University of Massachusetts Medical Center has an ongoing venereal disease clinic which is held on Tuesday and Wednesday from 11:00 a.m. to 1:00 p.m. and Thursday evening from 5:00 p.m. to 7:00 p.m. For confidential information and appointment, call 856-3294.

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ELB 138

Swimmers dunk Babson and Holy Cross

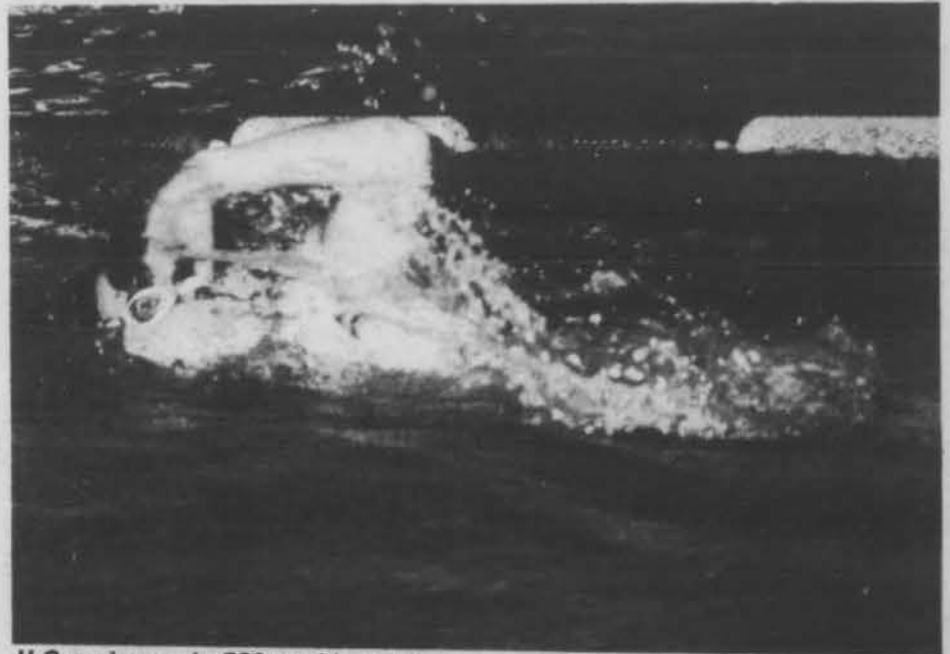
by Phil Gallagher

The WPI swim team has begun their season on a good note. With impressive victories over Babson and Holy Cross. The engineers face Division I rival Boston College Thursday night in what should be an interesting confrontation. Coach Steve Diguette is optimistic about the potential of this year's squad as he hopes to better last year's 9-5 record. He is without the services of Chris Ratti and Jack Craffey due to graduation. Their absence will be sorely noted. All American Suzanne Call is not present on this year's squad just as letterman Phil Gallagher will not be returning for various reasons. When asked how Gallagher's absence would affect the team, Diguette was noted as saying "you've got to be kidding!"

Co-captains Jan Bellingham and Jay McNeff will be important factors in Diguette's plans. Bellingham, the senior breastroker from the GAM, will be joined by freshman George Beebe

as they share the breastroke duties. Sprinters Scott Berry and Todd Dean will be joined by transfer student Tom Hartye, who has proven his aquatic proficiency in division I. As they form a competent corp of free stylers.

Noted by this reporter was the unique training technique employed by returning letterman and guppy squad captain. Pete Kilcoyne. He says that his experimental practice suit is used at every successful swimming power in the country. How about that, Steve. Also returning are all-americans Anne-Marie Kruglewicz and Ms. Hall, along with Sophomores, Paul Cottle, Greg Green and John Lee. U-Conn transfer Bruce Gray will be called upon to share diving duties with freshman Tom Peacock. All included, this should be a big year for WPI splashes and fan support is necessary. Stop by the Alumni Gym Thursday night as WPI puts its 2-0 record on the line against Boston College.



H.C. swimmer in 500 yard freestyle.

—John Mar

Hockey squad off on wrong skate

by Dick Forand

The WPI Hockey Squad has started off on the wrong skate this year with a 0-1-1 record. WPI's first game was last Monday against U. Mass-Boston. UMB pulled out to an early lead from which WPI could not recover. The Engineers could not take advantage of eight

power plays, scoring only one goal. WPI did stage a comeback in the last half of the third period, scoring two goals to close the gap to 5-4, but that would be the final as UMB fought off all waves of WPI's attack. The big guns for WPI were Pie Millet with 2 goals and Chuck Crowley and Mike MacQueen with one apiece.

Sophomore transfer Andy Racicot starred in goal, stopping 29 shots before yielding to Dick Zorand.

On Saturday, the team ventured to Arlington to take on Tufts University. WPI started off slowly as senior netminder Dick Forand allowed two goals to slide into the net. He settled down to allow WPI to tie the score with two Peter Millet goals by the period's end. Disaster struck WPI as Freshman Andy Hotchkiss was called for a 5 minute major high-sticking penalty. Within that 5 minutes WPI came alive. Allowing only a handful of shots, WPI came out of the penalty unharmed and proceeded to take the game to Tufts as Millet scored two more goals giving WPI a 4-2 lead before the period was half over.

However, once the team had gained the lead, they began to let down. By the period's end, they were outshot 17-7 in the period. Tufts continued to take it to WPI in the third period. Scoring at a 4 minute mark, the Engineer's lead was cut to one. Tufts continued to put on the pressure trying to tie the score. At 17:29 into the period, it happened as a misfired shot eluded Forand and the score was tied. The Engineers were actually lucky to come out with a tie as Tufts peppered the WPI nets with 45

shots.

It is hard to explain WPI's slow start this year, with more talent than ever before, this season promises to be exciting. The next few games are Thursday against Assumption at 8:40 in the Webster Square Arena. Assumption is ranked No. 8 in Division III and should prove to be an excellent game. Saturday the team heads to Boston and Suffolk College for the weekend, with archrival Clark on Monday at 8:40.



Engineer hockey squad faces off against U.Mass.

—Phil Rubin

...Iranians

(continued from page 1)

has advised most of the students to not go home for January, lest they run into immigration difficulties when they try to return.

Each Iranian student must report to the Immigration and Naturalization Service within thirty days, December 14 being the last day of this period. They must present to the I.N.S. the following: 1) a passport and Form I-94, 2) evidence from the school of enrollment that all fees have been paid, 3) a letter from WPI stating that they are a full-time student in good academic standing, 4) evidence of current address in the United States. The directive from the Attorney General stated that the students can be deported if they do not comply with this procedure or if they cannot present the necessary documents.

Some people have complained that the President's actions violate the civil liberties of the Iranians. Anticipating this, the Attorney General's directive stated, "The foregoing actions are taken in accordance with the Presidential directive of November 10, 1979, issued in the course of and in response to, the international crisis created by the unlawful detention of American citizens in the American Embassy in Tehran. Accordingly, the notice and comment and delayed effective date provisions of Section 553 of Title 5 of the United States Code are hereby waived as impracticable and contrary to public interest."

Pancake eating becomes a science

COLUMBIA, MO. (CH)—The art of pancake-eating has just been elevated to a science by two University of Missouri students.

Using a d"scientific technique" recommended by a fraternity brother, Rick Clauser consumed 77 pancakes to win a charity contest. He attributed his success to eating a big meal the night before and the morning of the contest, drinking water all day and running up and down the halls of the contest site just prior to sitting down.

After that preparation, the first 50 pancakes were fun, Clauser said. He choked the last 27 down using a more familiar method-fraternity pride.

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Our growth has been steady. Our profits have been high. And our expectations for the future are bright. Very bright. If you'd like to join a high technology company that's high on challenge and high on rewards . . . put Alpha high on your list . . . where it belongs.

Now, if what we've been saying has been Greek to you . . . you're probably not what we're looking for. But if you want to be a DESIGN ENGINEER, DEVICE ENGINEER, APPLICATIONS ENGINEER, DEVELOPMENT ENGINEER, SALES ENGINEER . . . or if you are a BS or MS candidate in EE . . . or if you have a background in PHYSICS, CHEMISTRY, MICRO-WAVE or SEMICONDUCTOR TECHNOLOGY . . . it can all mean one heck of a good job. With one heck of a good future. And it means the kinds of salaries and benefits that say you're valuable. Which you know - and we know - you are.

Of course there's more to Alpha than what we've outlined here. But we're not about to show all our cards at this point. So if we've turned you on at all and you'd like to hear more . . . do it. Come meet us.

ON-CAMPUS INTERVIEWS

MONDAY, DECEMBER 10

And if you can't make it then, take the initiative and get in touch with our Personnel Department directly.



Alpha
INDUSTRIES

20 Sylvan Road
Woburn, MA 01801
(617)935-5150, Ext. 220

An Affirmative Action/Equal Opportunity Employer

WHAT'S HAPPENING

Tuesday, December 4

Christmas Crafts sale, Wedge, 10 a.m. - 4 p.m.
 ME/MG Colloquium, "Energy Considerations in Industry," Dr. Urho S. Haapala, HL 109, 4:30 p.m.
 Humanities Film, "Jane Eyre", Kinnicut Hall, 7:30 p.m. Adm. Free.
 Pub Flicks, "Road Runner, Woody Woodpecker, Sylvester, etc.," 8:30 and 10:00 p.m.

Wednesday, December 5

Men's Basketball vs. Norwich, home 7:30 p.m.
 New Wave/Rock Night in the Pub, 8:30 p.m.

Thursday, December 6

Chemistry Colloquium "Recent Developments in Conducting Polymers", Peter Cukor, GTE Labs, Goddard 227, 4 p.m., coffee 3:45 p.m.
 Swimming vs. Boston College, Home, 7 p.m.
 Coffeehouse entertainments featuring "Burton & Tapper," Wedge, 9 p.m.

Friday, December 7

Christmas Tree Lighting Ceremony, sponsored by SWE, Quad, 6 p.m.

Saturday, December 8

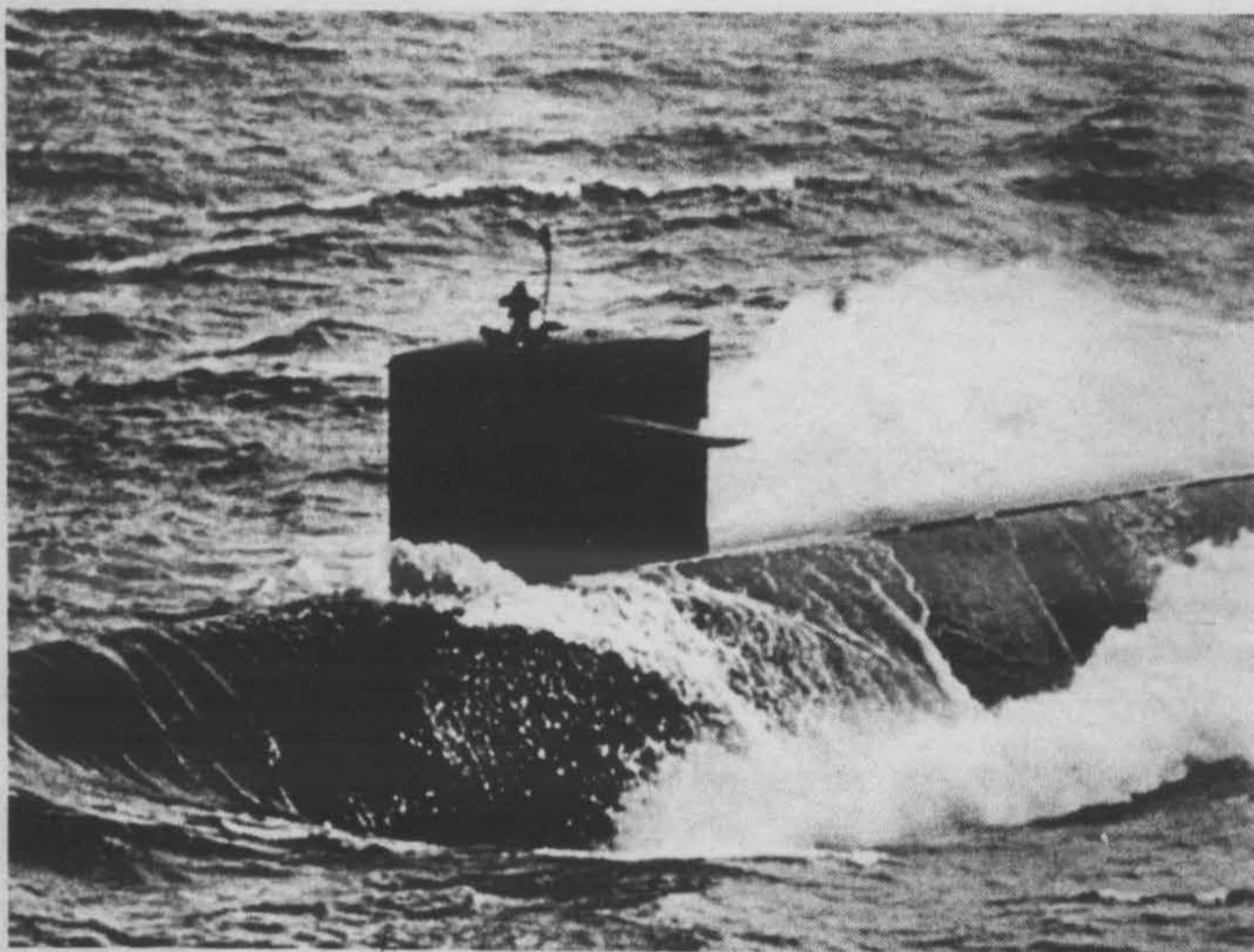
Parent's Day
 Wrestling vs. Bowdoin, home, 2:00 p.m.
 Glee Club Concert, Alden, 4:00 p.m.
 Women's varsity basketball vs. Emanuel, 6:00 p.m.
 Men's varsity basketball vs. Bowdoin, 8:00 p.m.
 Pub entertainment featuring "Gunsmoke," 8:30 p.m.

Sunday, December 9

Lens & Lights presents "Close Encounters of the Third Kind," 6:30 and 9:30 p.m., Alden, Adm. \$1.00.

Monday, December 10

Spectrum Fine Arts, "The Beacon Brass Quintet," Alden, 8:00 p.m.



HERE'S ONE ENGINEERING OPPORTUNITY YOU WON'T GET IN PRIVATE INDUSTRY.

If you're thinking about a technical position after graduation, think about this.

How many companies can offer you a nuclear submarine to operate? The answer is none. Equipment like this is available only in one place - the Navy.

The Navy operates over half the nuclear reactors in America. So our training is the broadest and most comprehensive. We start by giving you a year of advanced

technical education. In graduate school, this would cost you thousands, but in the Navy, we pay you.

Once you're a commissioned Nuclear Propulsion Officer, you'll earn a top salary. Over \$24,000 a year after four years. And you'll be responsible for some of the most advanced equipment developed by man.

The Navy also has other opportunities in surface ships

and aviation assignments. If you are majoring in engineering, math or the physical sciences, contact your placement office to find out when a Navy representative will be on campus. Or send your resume to: Navy Officer Programs, Code 312-B923, 4015 Wilson Blvd., Arlington, VA 22203.

The Navy. When it comes to nuclear training, no one can give you a better start.

NAVY OFFICER. IT'S NOT JUST A JOB, IT'S AN ADVENTURE.