# IFC to sponsor Fall Spree for United Way

The Interfraternity Council is running a "Fall Spree for the United Way", Friday, November 9 through Monday, November 12. The weekend events will include a Monte Carlo Nite, Fall Spree Band Showcase, and the Annual Faculty Slave Auction.

Monte Carlo Nite begins the Fall Spree on Friday with an array of games and contests. The evening starts at 6 p.m. and runs until 12 midnight. There will be games of all types to satisfy your gambling desires. Also, there will be contests and prizes for the non-gamblers. Snack tables will be running the entire evening.

The cost is a mere dollar and all of the proceeds go to the United Way.

Fall Spree Band Showcase begins on Saturday at 4 p.m. It will run until 12 midnight. Admission to the Showcase is \$1.50 at the door. There will be three bands playing throughout the evening. They are Robin Lane and the Chartbusters, the Walker Band, and the Shane Champagne Band. Also, at the beginning of the evening there will be a tricycle race and later Pledge Contest. Food will be served all night.

All of this happens in Harrington Auditorium Friday and Saturday. The Slave

Auction will be held on Monday.

The student newspaper of Worcester Polytechnic Institute

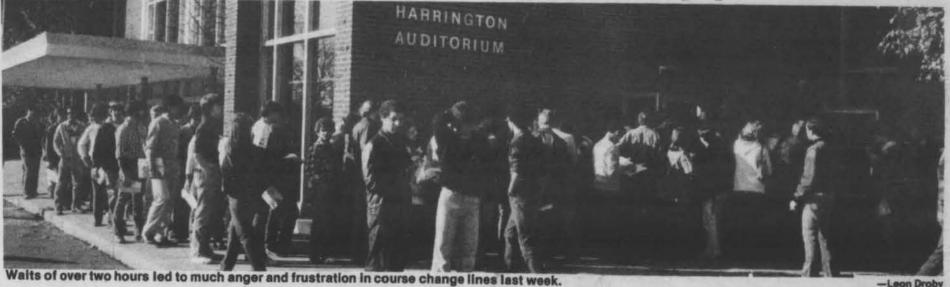
Volume 7 Number 21

Tuesday, November 6, 1979

# Registration Game!

-see page 7-

# B-term course changes beset by problems



by Doug Fraher Newspeak staff

The process of registration and course changes this term was complicated by a host of factors. Changes in the manner in which enrollment was administered, misunderstandings, and the behavior of some students were the major reasons for the long delays and increased aggrava-

Professor Robert Long, the Registrar, looking back on the situation Friday afternoon, said that there were several modifications in the enrollment procedure this year. According to Long, "in the past students were able to change their schedules prior to the start of the term. Last year, students were able to make changes around the middle of A term and in years before that they were able to act at the start of A. But many students still made changes at the start of B. It seems that the more opportunities to changes - the more changes that are made. This year is the first time students were able to make changes only in the first week of B term. A while back there were five class days available for changes. This has been reduced to three because it was felt that with seven week terms it's not really beneficial if a student starts a class one week late."

Usually, forth percent of the student body is expected to show up to register the day before B term begins. However, this year eighty percent came back on Tuesday. Long believes that this was due to the misinterpretation of a statement in the instructions for term B enrollment put in mailboxes

on October 12. The statement reads: "Term B79 class admission cards will be available to be picked up in the Salisbury Laboratories student lounge area beginning at 9:00 a.m. Tuesday, October 30, 1979. They should be picked up prior to the start of classes on Wednesday, October 31, 1979. Failure to Wednesday, pick up your class cards will cause your course to be dropped." However, one could pick the cards up as late as Friday. Long stated that "Ideally they should be picked up before the student's first class, but it's not mandatory to come back on Tuesday. Now, those who did not pick up their cards this week are classified as non-returnees.'

According to Professor John P. van Alstyne, Dean of Academic Advising, were not an adequate number of workers to handle the unexpected surge of students. Of the students that usually work for him during this period. Dean Van Alstyre stated that "two of the best are down in Washington this quarter and one was unexpectedly in the hospital. Next time, we'll hire extra people." The small size of Salisbury made it impractical for the number of people involved. There was "no way to separate the crowd into the three lines that there should have been - one for projects, one for chopping and adding courses, and one for the waiting lists". Both Long and van Alstyne felt the move into Harrington made things run much more smoothly.

Dean van Alstyne told "all the Resident Advisors and the academic officers of the fraternities that the fifth and sixth week of A term I would be available to place, students on course lists. I could guarantee

a place if one was open. I was available in the early morning and late afternoon. Yet only about 200 students took advantage of this." In van Alstyne's view, part of the problem is generated by some students' lack of preparation. Many fail to "read the directions. Students who have been in line for over an hour show up at the desks without their schedule. Everything says that the schedule must be presented. Some up without really

knowing what changes th / want to make." Long has that some students "who have little idea of what they want to do asks us for advice. This slows up the process. They really ought to talk to their academic advisor and other concerned faculty if they're not sure about what they want to do." The process would also be eased if all students wanting to make changes would prepare a list of aiternatives in case their first

choices were not open.

Professor Long and others have to deal with the situation of students who know what they want to do but are frustrated in their plans because their choices are filled. According to Long. "at the last minute some limits were increased, and one entirely new section was created for a course. But this is not a very efficient or organized method. The admini-(continued to page 3)

# Loan fee cut requested

by Bob Thivierge Newspeak staff

Massachusetts students borrowing money in order to secure scholastic loans through the Loan Program pay a 1% fee for such a service. That is, 1% of the total amount borrowed is taken as a guarantee fee which serves as a means to pay for loans that have gone into default and to assist in the operating costs of the Massachusetts Education Assistance Corp. (MHEAC), a semiprivate corporation responsible for student loans throughout the state. Until 1978, the amount of 1% was considered necessary by MHEAC covered since the government paid only 80% of defaulted loans, while MHEAC covered the remaining 20%. But, in 1976, the federal government took full responsibility for defaulted loans after 1976. It is now realized that MHEAC no longer requires as much income received by a 1% guarantee fee on loans. The corporation has thus lowered the charge to .75% (effective Jan. 1 1980). This lowered figure, however, is still considered too high by some. Even with a .25% drop in the guarantee fee, MHEAC will have funds which are both above the necessary operation costs and the money needed to cover defaulted loans prior

MHEAC presently needs 8 million dollars

to 1976.

to cover defaulted loans before the federal government begins to pay. The guarantee fee fund now amounts to 8 million dollars. It is estimated that at the end of this year, MHEAC will receive an additional 4 million dollars and 4 million dollars each subsequent year. Thus, the total money needed for next year is estimated to be 10 million dollars, including ments and operation costs. With the amount of estimated income the total leaves between a 1 and 2 million dollar excess.

If the fee were set at 1/4 %, as in several other states, the annual income would be \$3,465,000 which is still enough to cover the \$2,000,000

operating cost of the corporation.

Other state loan agencies differ in amounts charge guarantee fee. Some charge 1%; New York charges 1/2 %; Pennsylvania charges 1/4 %; Vermont charges 1/2%; Connecticut charges nothing. Whatever the case may be elsewhere, Mass. students are being overcharged more and the Massachusetts Independent Student Coalition (MISC) would like to see legislation passed that would have a direct correlation with the present problem of guarantee fees and if passed could have significant effects. This bill would establish the Massachusetts Students Assistance Authority, which will be responsible for obtaining information pertinent to all student financial aid programs. The MSAA would also coordinate the business

(continued to page 4)

STREET, ALGERT OFF

# Editorial

The registration game is over again and the results are in: Students 0, Administration, 0. Not just a tie, but a tie with two losers. The game wasn't very fun for either side. Students waited for over two hours to make a simple schedule change, while the people they waited for worked hard and got little thanks from the angry and frustrated students. As always though, both sides must accept some of the blame.

There are some students who, even after three or four years, insist on making their own rules. They come at the wrong time, with the wrong information, the wrong forms, and the wrong frame of mind to successfully complete the registration game. A little preparation and attention would make everyone happy. By abiding by the rules of the game, the competition would be a little less fierce.

The other team, the one that makes the rules, must also accept some of the blame. In fact, because their rules are not very good, they should accept most of the blame. While it is easy to blame the lack of cooperation and workers, after several years of practice they should have a winning record. In the past three or four years registration and course changes have always ended in a 0-0 tie. It is the responsibility of the rule makers to change the game so that both sides can leave as unscathed winners.

For some reason, there has been a shortsighted stubborness to keep the status quo. The present course change procedure has obviously been a failure, leading to too much anger and dissatisfaction with WPI and the "rule makers". With some creative and innovative ideas, registration and course changes can please both players in the registration game.

Dean vanAlsyne's excuse that use of the computer would lead to "rigidity" doesn't make much sense. The computer is a powerful tool that should not be ignored. It is only as rigid as the person operating it. In this case it would probably be Dean vanAlstyne who, when making course changes, is anything but rigid. He should overcome any phobias to use a tool that is at least as dependable as he is.

Some of the paperwork should be done away with. Often, a student requires an academic, project or sufficiency advisor's signature to complete registration. Just as often, the advsior is nowhere to be found on the Tuesday or Wednesday of registration week, resulting in registration delays for the student.

Some of the paperwork also seems to be redundant. In the course of four years at WPI, a student must pre-register four times, complete forms for registering for an IQP, MQP, and sufficiency, complete several completion of degree requirement forms, register sixteen times, spend several days in line, etc. All of this is to simply attempt to get desired courses and projects. Elimination of the redundancy by eliminating some of the paperwork would help the situation greatly.

Other ideas that should be considered are the scheduling of course change periods by class, the elimination of the lunch break, and clearer instructions for the students.

While we see that Dean vanAlstyne and Co. are trying hard to get everyone successfully through the game, we also see that it is an inefficient, frustrating game. Well planned and fair changes should be made before the third game of the 1979-80 school year begins in C-term.

# <u>Newspeak</u>

(USPS 535-480)

The student newspaper of Worcester Polytechnic Institute Box 2472 WPI, Worcester, Massachusetts 01609 Phone(617)753-1411extension 464, or 756-6575

> editor-in-chief Kenneth Mandile

news-features editor Maureen Higgins

business manager Steve Kmiotek

advertising manager Mark DiLuglio photography editor Leon Droby

Perry Esposito

associate editors Lynn Hadad sports editor Phil Miles

graphics editor Robert Dreyfoos

faculty advisor Kent Ljungquist

= staff =

Tom Nicolosi

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Mitch Wolrich
Art Wu

Fred Rucker

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# LETTERS

# Standing up for honesty

To the editor:

Far too often people outside of WPI are quick to criticize something that a student does. As a contrast, I would like to bring to your attention a deed of citizenship and courage shown by a few young men in my store.

On Friday night, November 2 (3), Worcester townles came into my store and gave my daughter and the young lady that works for me a bad time. They ordered two pizzas and when served grabbed the pizzas from the girls and ran out the door without paying. A group of young WPI men from Alpha Chi Rho, 8 Boynton Street chased the

men down and brought them back under force, making them pay for the pizzas.

These young men without thought of danger for themselves apprehended these men against bigger odds for no other reason than honesty and

You have just reason to be very proud of such actions. Again my hat is off to these young men, for the high standards set forth by them... to the honorable fraternity they belong to, and the student body they represent.

Bud Cleveland Notis Pizza

# PSS pledges announced

To the editor:

The Sisters of Phi Sigma Sigma are pleased to announce this year's pledges. On November 2, twenty girls handed their bids in; Sonia Adrianowycz, Fern Amuan, Ruth Bibbo, Carla Blakslee, Jeannine Cheney, Patty Daly, Shauna Donovan, Maura Egan, Juliette Gidon, Sue Goddout, Gay Gwodz, Tracey Hodgerney, Jane

Jaillet, Carolyn Kachanis, Karen Lombardo, Janina Natrillo, Lynn St. Germain, Kerri Tegan, Paula Walker, and Dale Wilson. We would like to welcome all of these girls into our chapter. Congratulations!

And welcome back Bev, Elly, Anne

The Sisters of Phi Sigma Sigma

(Editor's note: Welcome back Beth.)

# Care solicits support

To the editor:

In recent days our senses have been assailed by newspaper and magazine photographs of emaciated and dying Cambodian men, women, and (especially) children.

Hundreds of thousands — perhaps several million — are involved, and this awesome human tragedy which is unfolding must be met with firmness and compassion.

CARE is one of several major inter-

national organizations bringing food, medical aid, relief kits, and other emergency assistance to these suffering refugees, and we urge the people of New England to support our vital and expanding role in this human disaster.

People of good conscience must not allow this tragedy to continue.

We ask that checks or money orders be sent today to the Care Fund For Cambodians, 581 Boylston Street, Boston, Massachusetts 02116.

With deep appreciation, Richard J. Calandrella CARE Director of Development New England Region

# Look before you leap



by Mark DiLuglio Advertising Manager

There's not much happening in the way of seminars or sessions this week. There is an opening for junior CS majors this summer at NSA. There is a summer position at Lawrence Livermore Labs in California for a faculty member or highly technically oriented sophomore, junior or senior. See OGCP for details. Following is an updated list of companies interviewing for this up coming week:

November- Wednesday 7, Eastman Kodak, Morse Chain, Navy Recruiting, District, Pfizer Incorporated, Smith & Wesson, Texas Instru-

ments, David Taylor, Naval Ship Research.
Thursday - 8, Bunker Ramo Corp., Codex, Hughs Aircraft, David Taylor
Naval Ship Research, Texas Instruments, Xerox Corporation, ITT
Defense Communications.

Friday - 9, Electronic Data Systems, Goddard Space Flight, Procter & Gamble (Product Development), Sanders Associates, Scientific Atlanta. Friday - 12, CSP Inc., Data General, National Security Agency, Pratt &

Whitney, Procter & Gamble Co. (Paper Div.).

Tuesday- 13, National Security Agency, Pratt & Whitney/United Tech.,

Procter & Gamble (Paper Division), Stanley Works, Warner & Swasey, York Air Conditioning/Borg Warner Me.

Wednesday - 14, Coppus Engineering, Dresser Industries, Ebasco Services, Klockner-Moeller, Procter

wednesday - 14, Coppus Engineering, Dresser Industries, Ebasco Services, Klockner-Moeller, Procter & Gamble (Paper Division), Peace Corps, Intonics.

Thursday - 15, Champion International Corp., Corning Glass Works, Dresser Industries, Firestone Tire & Rubber Co., Hamilton Standard/ Div., Untd. Tech., Sirkorsky Aircraft/Div. Untd. Tech.

So start looking sharp and practicing speaking good (oh well). Any questions see OGCP, anything you think should be mentioned in this column, write Newspeak.

# Deceased

From the outside, it looked like a pleasant Chariton farmhouse. From the inside, it looked like a chamber of horrors that even Vincent Price would be proud of.

The tomb of one of the two sisters layed by the entrance to the barn, protruding from the ground just in front of the grave stone. According to the stone, two sisters were buried below. One of the sisters, age 20, died in 1822. The other, age 22, died in 1823. But tonight was Halloween, and it was time for them to make their annual appearance at Bud Cleveland's Ghost Walk.

Bud, known at WPI for his pizza, lives in a farmhouse that was built in 1762. For the past nine years, with the help of twenty to twenty-five WPI students, neighbors, and friends, Bud has been giving tours through the tunnels under his house where the ghosts make their appearance. With cobwebs as abundant as the creatures in the tunnels he has been able to entertain thousands of people over the past few years with his Ghost Walk tour.

In the first year, only twenty people showed up for the tour. This year, over 1100 braved the terrors of the two sisters. Many in the crowd made donations which go to the Salvation Army and the American Cancer Society.

The tunnels uder the house were for hiding from the Indians when they attacked. Because of the construction of the tunnels, the house could burn down while the occupants safely hide in the tunnels. Among the sections of the tunnels is a vault where the body of one of the sisters can be viewed before she rises for Halloween. Another vault contains an operating room where a

sisters rise for Ghost Walk



surgeon is busy constructing his own monster to add to the collection. Attempts are frequently made to take limb donations from sightseers.

The Ghost Walk is a little too much for very young children, but come next Halloween, it might be a good idea for WPI students to brave the terrors in Bud Cleveland's tunnels. Who knows, maybe the same terrors haunt the tunnels under the WPI campus!

# ...Course changes

(continued from page 1)

stration is looking into ways to better predict student interests. This year there was a greater enrollment in the introductory physics course than expected. We went from eleven conferences to thirteen. Next year, we will probably have fifteen, but some departments just don't have the staff to make these difficult last minute changes. The creation of more sections of heavily populated courses can reduce student anger and anxiety about the schedule during the enrollment period."

In the future, an area larger than the Salisbury lounge will probably be used at the start. The floor at Harrington would be ideal, but it cannot be used once classes begin. However, in Long's view, any area that would "provide more room for students and staff, and let the students have a clear view of the boards would be suitable." In addition, longer hours and the resumption of distributing class cards through the mailboxes may be in the

offing. Dean van Alstyne is working on a "fairer system and one that might involve updating some of the computer equipment involved in handling schedules. Whatever system is devised will have to allow for flexibility. There's a danger of rigidity if the computer is used to do too much."

Of course, the large number of course changes made are partly a by-product of the WPI Plan. Close to two thousand course change slips were turned in. This does not include project changes. A student at a more traditional engineering college would have much less opportunity to take electives.

If sufficient attention is given to the problems of enrollment by the administration and some student's make an effort to be better prepared, the experience of this term will not be repeated, thus avoiding additional stress that Dean van Alstyne believes makes students start the term "feeling unhappy about school and uncertain about their courses."

# Exchange program seeking applicants

The International Association for the Exchange of Students for Technical Experience has announced its training program for 1980. Eligibiliby: If you are: currently enrolled in good standing at a four year college or university; at least a sophomore but not yet finished with your Doctorate; majoring in any of the sciences, engineering, mathematics, architecture or agriculture — you are eligible to be an IAESTE trainee.

Traineeship: Most placements are for 8-12 weeks during the summer, although some may be available for longer periods (up to one year) and at different times of the year. Placement may be in a research laboratory, design office, production department or field location, depending on the nature of

your field, background and interests.

Application: To apply, simply obtain a form from IAESTE/U.S., Inc., 217

American City Building, Columbia, Maryland 21044, complete it, secure academic endorsement and submit it before December 15th, together with

your non-refundable membership/ application fee of \$50. (If you withdraw at any time, you forfelt the entire fee.)

Cost: You will be paid a "maintenance allowance" adequate to cover your living expenses while in training. In addition to the \$50 application fee, you may expect to have expenses of \$700-900 for a typical 8-12 week summer assignment in Europe. This includes transportation, free-time travel, insurance and incidental expenses such as passport fees, souvenirs, etc. If you wish to train outside of Western Europe, you should expect higher expense due to greater travel cost.

Travel: You will be responsible for your own travel (including cost) and for making sure you arrive at the place of training on the date you have specified, and will remain for the entire period to which you have agreed.

A meeting on the program will be held on Tuesday, November 13th at 4:00 P.M. in the Conference Room of the Student Affairs Office.



One of two sisters on view in the Ghost Walk.

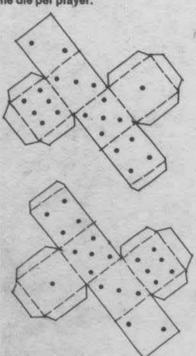
# 2nd Annual Gong Show on Saturday, December 1st

Acts must be submitted by Monday, November 26. Return coupon below to Glen DeLuca in the Goat's Head Pubbasement of Riley Hall.

Name \_\_\_\_\_\_
WPI Address \_\_\_\_\_
Phone \_\_\_\_\_

Rules for registration game on page 7.

Cut on solid line, fold on dotted line. One die per player.



# **CPR** offered

There will be two CPR courses offered at WPI this term. They will be held for three Tuesdays and three Wednesday nights. Each section (Tuesday and Wednesday) will meet from 7:00 p.m. to 10:00 p.m. in the Phys. Ed. Conference Room. The dates will be (Tuesdays): November 6, 13 and 27, and (Wednesdays): November 7, 14 and 28.

# ...Loans

(continued from page 1)

the federal and state governments concerning financial aid. But, the most important aspect of the bill would given the authority to MSAA, as an employer of MHEAC, to set the guarantee fee at a lower rate, and therefore save students money.

In the up and coming weeks, MISC plans to organize a state-wide effort that will work toward lowering the fee. The effort will be carried out by letter, phone and lobbying at the State House. Their only hope for correcting the situation is with the support of the students who will be most affected by the new bill.

The following representatives of MISC: Elleen Merker, 617-647-4481; Jeff Field, 617-647-4776. Both can be reached by mail at the following address: Brandeis Student Senate, Brandels University, Waltham, Mass. 02254.

# CS deadline Tuesday

CS Seniors wishing to take the competency exam after B term, must turn in an application signed by their advisor no later than 4:00 P.M. Tuesday November 13. Application forms may be obtained from the department office.

For further information, contact your advisor or Professor Scragg.

"We give our engineers over \$1 million a day to start."

Last year, we gave our engineers \$439 million for research and development. And over the next five years, our commitment will total more than \$2.5 billion.

So if you'd like to talk about how you can help spend over a million dollars a day, these *United Technologies* divisions

- Hamilton Standard
- Sikorsky Aircraft

will be interviewing on campus Thursday, November 15.

Consult your placement office for sign-up information and degree/field of study requirements.



# Reading course offered this term

A reading course will be held this term for anyone wanting to sharpen reading and study skills; anyone interested in theory of knowledge. The course will meet weekdays beginning Wednesday, November 7, and ending Thursday, December 6 (with no meetings during Thanksgiving week) — a total of seventeen one-hour meetings. Classes will run from 11:10 A.M. to 12:10 P.M. in Higgins Labs 109.

The course is non-credit and will cost, \$5.00. RA's, Graduate Students. Faculty, and Staff receive a professional discount.

The course is addressed to mastery

of college-level written material. It is difficult to forecast the range and quality of individual reading improvement; one very rough indicator is that the last time the course was given (Term C'79), the average reading speed of the class as a whole more than doubled.

Registration is being taken in the Office of Student Affairs. Should the Course be oversubscribed, anyone not able to enroll in it will be guaranteed a seat during C term. The instructor is Roy Astley, Office of Counseling Services (Washburn 108; 753-1411, ext. 540)

# **Project seminar tomorrow**

An off-campus project opportunities seminar will be held tomorrow for sophomores and juniors interested in doing their IQPs and MQPs at one of the following centers: Washington D.C. Project Center — Prof. James S. Demetry; Digital Equipment Corporation — Prof's. Scott, Hardell, Eteson, Swenson; Norton Company — Prof. Raymond Hagglund; St. Vincent Hospital — Prof. Robert Peura; University of Mass. Medical Center — Prof. Robert Peura.

Other special project opportunities are available with these non-WPI

project centers: Town of Holden — Prof. Ronald Cheetham; Central Mass. Regional Planning Commission — Prof. Malcolm FitzPatrick; Central Mass. Health Systems Agency — Prof. John O'Connor.

Faculty involved in these project centers and a respresentative from each company or agency will have information and be available to answer student questions about the project opportunities.

The seminar will be held on Wednesday, November 7, in Olin Hall 107, at 4:00 p.m.

# IS THERE LIFE AFTER COLLEGE?

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Investigate life after college at Codex. We're the ideal place to make your living.

Representatives will be on campus Thursday, November 8th, to conduct personal interviews. Be sure to contact your placement office to set your name on our interview schedule.

If you are unable to meet with us at this time please send your resume to Gary Davis, Corporate Employment Manager, CODEX CORPORATION, 20 Cabot Boulevard, Mansfield, MA 02048.



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# Hughes recruiters speak many languages:

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Best of all, they talk your language.

So have a talk about your future and ours. Ask your placement office when the Hughes recruiters will be on campus.



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# Fall Spree

for the

# United Way

Friday, November 9-

Monte Carlo Nite \$1.00 6-12 mid Fun, Games, Food

Saturday, November 10

Fall Spree Band Showcase \$1.50 4-12 mid Music with 3 bands, food, contests

First Annual IFC Tricycle Race

Harrington Auditorium

4 p.m. One entry per fraternity or organization

First Annual Pledge "Beat the Clock"
6:30 p.m. A group of 6 pledges
from each fraternity

Entrant's name and a \$2.00 entrance fee (for each contest) must be submitted by November 8 to Candy Buckley-Box 530. Make checks payable to IFC.

Monday, November 12

Annual faculty slave auction

Come Down and Support the United Way

Speaking of kangaroo courts:

# And Justice For All keeps 'em hopping

by Jeff Roy Newspeak Staff

When you venture to a theatre to see Al Pacino's latest, "...And Justice For All", I would recommend that you do not wear a grey suit with a white collared shirt.

In other words, don't be conservative. Be liberal and prepared to be presented with a view of our judicial system that is seemingly unbelievable, yet is one that no doubt occurs.

A conservative view of such a movie would make one want to leave after ten minutes, writing it off as trash.

Be ready to accept what is presented and think about it before saying, "Ah it's only a movie."

"...And Justice for All" is directed by Norman Jewison, whose record includes "Rollerball" and "F.I.S.T", both films which have something to say about society-something valuable. In "...And Justice for All", who could deliver the message clearer than Al Pacino.

# Jekyll to remain out of Hyding

Jon Knowles' new play The Strange Case of Dr. Jekyll and Mr. Hyde will run three additional weeks at New England Repertory Theatre, 23 Oxford Street in Worcester.

This horror classic is based on the Robert Louis Stevenson novel has been extended through November 18 and is performed six times a week on Thursday, Friday, Saturday and Sunday at 8 p.m. and Saturday and Sunday at 2 p.m.

The box office is open Thursday thru Friday 10 a.m. to 6 p.m. and Saturday and Sunday 12 noon to 8 p.m. Reservations can be made by calling the box office at 798-8685.

# Meteor mediocre

With all the glamour and glory recently awarded science fiction movies, it seems that any conceivable plot can now get to a screen, and by successful PR, attract a multitude of movie-goers. Such is the case with Meteor.

The plot, basically of a dull science fiction, revolves around a meteor destined to hit the earth in six days.

After Star Wars or Amityville Horror, the special effects of this movie are rather mediocre. For example, a tidal wave, caused by a fragment of the meteor hitting earth, suddenly "appears" from behind the Hong Kong

Nonetheless, the action is exciting and I was never bored with the movie. After seeing some of the newcomers this summer, Meteor's plot is merely a farce, it's special effects a let-down.

The movie stars Henry Fonda (U.S. President), Sean Connery, and Natalie Wood (Russian scientist). Rated P.G.

SECOND SEMESTER

Available NOW in the Financial Aid Office

APPLICATIONS MUST BE RETURNED BY DECEMBER 3, 1979

### Goyette's Service Station

"At the SUNOCO Sign"
Complete Tune-Up Work
102 HIGHLAND STREET

Pacino portrays Arthur Kirkland, a liberal Baltimore lawyer who falls victim to many unethical practices by not only colleagues, but also from high ranking judges.

Kirkland's job is at stake when he is blackmailed into representing a judge accused of rape. He must prove the judge is innocent and it he doesn't he's thrown off of the bar association.

Kirkland must deal with the pressing moral issue in the case — the moral issue preached him by his grandfather. "If you're not an honest lawyer, you're nothing," was his grandfather's remark

In a tremendously moving courtroom scene concluding the movie, Kirkland deals with the judge and his future. The decision comes after trials and mis-trials viewed by Kirkland. Too many times, this liberal lawyer has seen people go to jail for no reason and vice-versa.

The movie challenges the judicial system and could prove to be the year's best. Pacino is certainly in line for a long-awaited Oscar.



### Some People

Graduate from college Get a job Get married Start a family Get promoted Other People
Graduate from college
Join Peace Corps or VISTA

Travel & experience the world

Get a job, get married, etc. Retire at 65.

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# The registration game rules

Playing board is on following page. Dice are on page four.

Rule 1) All players must submit previous registrations times. All times must be under three days to qualify.

Rule 2) There is no Rule 7.

Rule 3) All players move according to a die roll. Start in Daniels and proceed to Harrington to pick up schedule. Follow all instructions given In squares on board.

Rule 4) When you get to Harrington you will find that you are only registered for one course. You must now go back to Daniels to decide what to do.

Rule 5) You will decide to register for one more course and a degree requirement. If you want to register for a course first, you must go to the side entrance of Harrington.

Rule 6) To register for a degree requirement, you must go to the appropriate buildings to get forms signed. If you are doing a sufficiency, you must go to Salisbury and then to your academic advisor. To do an IQP or an MQP, you must go to the Project Center and then to your project advisor.

Rule 7) See Rule 2.

Rule 8) Use the French pronounciation for guillemat.

Rule 9) Unless using the Earle Bridge to cross West Street, you may exit West Street from any adjoining square. To leave West Street you need a roll of 4, 5, or 6 on the die.

Rule 10) Players should use two coins each as game pieces for movement. One coin is for moving around campus. The other coin is for waiting in the registration line.

Rule 11) Each player has a position in the registration line. Every time a player takes a turn, he should advance one position in the line, unless otherwise directed. When a player reaches the front of the registration line, he can automatically register for the degree requirement or the second course.

Rule 12) Freshmen don't have to abide by any rules.

Rule 13) If any situation is not covered by the previous rules, the stronger player should make up his own rules.

Rule 14) If the game gets to be too frustrating, punt the term and go to the Pub.





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	4	Gain I course Go back to Daniels  Middle of game rule change ing and move back in ilite a 1-Bomb throat 2-Forgot schedule 2-Forgot schedule 3-You are a Junior 4-You are a Sophomore 5-You are a Freshman 6-Project canned go to Project canned
	5	Gain I course Go back to Daniels
	6	
A TO	7	Closed for lunch- Return to Daniels
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题	9	Forgot to have ID validated—Go back to Harrington
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	13	Successfully crossed
额	14	Successfully crossed Quad-advance 1 extra space in line
	15	-+312
	16	
	. 17	Hit by frisbee while crossing Quad- Go back to START
	18	GO BECK TO START
-	19	Hit by soccer ball- go back to START
	20	
	21	Dodge cars crossing road-Do not advance in
	22	line
	23	1000
	24	Go to Project Center  3 NRs Go to Pub for beer (unless you have already been there today)
	25	Start in registration (follow arrow)
	27	line here and advance one on each turn unless otherwise directed.
	28	START Pick up instructions
	29	Pick up instructions, proceed to Harrington
1	30	
		Daniels

Project Advisor Roll die for follow-cording to die roll: ect Center Advisor gets you into van A's line-Go to Harrington advance 2 positions in line Academic Advisor The Advisor gone for day-Go to van A Registration Game BONUS van A is now your advisoryou have an extra course Grogan changes plan must now complete an extra degree requirement! See Financial Aid (follow arrow) Stay here until you sober up roll a 4,5 or 6

Salisbury Sufficiency forms agned—proceed to academic advisor Sufficiency Advisor on sabatical—move back 1 position in line Red tape move back 2 spaces in line Proceed to Project Advisor Project Center Need project change form in quadruplicate-go back 1 space Boynton Red tape-Move back 4 positions in line Financial Aid awards you \$1,000-go to Pub to celebrate Closed for daymove back I position in line move back 2 spaces

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West Street

### authority 25. Spirited slang 26. Coat material 27. Peddlers' vehicles 28. Gloomy 12. Russian tea resentful 14. Very tired: 29. Hostelries 2 wds. 30. Smooth cotton 15. Excite 31. Sass 16. Might 32. Pucker 17. Swivel 33. Like a wet hen 19. Jaguar or 36. Free time 38. Spicy meat 20. Carpentry peg 21. Skirt for 40. Causties Fonteyn solution - see page 13

22. Guery 24. Seat of

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# Miller sponsors "Lite **Beer Banquet"**

MILWAUKEE, Wis .- You don't have to rip open a beer can, spin a basket-ball or show off with a pool cue to be a Lite Beer celebrity.

The Miller Brewing Company, in conjunction with its "Lite Beer Banquet" commercial now appearing on television, will award a personal banquet to the lucky winner of its latest sweepstakes contest.

The winner and 50 friends will receive engraved invitations to their very own "Lite Beer Banquet". It will include celebrity treatment. A chaufferdriven limousine will deliver the winner and a companion to the event, where the winner will share the excitement with six Lite Beer celebrities.

The spotlight will be on the winner, seated at the head table swapping stories with the "big guys". And the entire evening's program will be vid-eo-taped, so that the lucky winner may relive each moment on the giantscreen color TV set and video recorder that are part of the prize list.

Lite's "banquet" commercial, its third annual 60-second spot highlighting its celebrities for the past year, may now be seen on network sports and entertainment programs. It features 16 Lite Beer celebrities, including master of ceremonies Rodney Dangerfield.

Ten second prizes (24 eight-ounce filet mignons) will be awarded, along with 100 third prizes (a pewter Lite mug). One thousand fourth place finishers will each receive and 8 by 10 inch color photograph of the original Lite Beer Banquet, suitable for framing.

All entries must be received by November 16, 1979. Entrants must be of legal drinking age in the state in which they reside.

Winners will be determined in a random drawing from among all entries received under the supervision of the D.L. Blair Corporate, an Independent judging organization. All decisions made by Blair will be considered final.

To enter, use an official entry form or a plain piece of 3x5 inch paper and hand print your name and address. All entries should be mailed in a standard envelope to: Lite Beer Celebrity Banquet Sweepstakes, P.O. Box 9296, Blair, Neb. 68009.

Miller is an operating company of Phillip Morris Incorporated. Principle beer brands include Miller High Life, Lite and Lowenbrau.

# Graduate opportunities open

NSF Graduate Fellowship applica-tion forms for National Science Foundation Graduate Fellowships are now available.

These fellowships are awarded for graduate study or work leading to master's or doctoral degrees in the mathematical, physical, medical, biological, engineering, and social sciences. Anyone interested may pick up an application form from the office of the Dean of Graduate Studies, second floor, Boynton Hall.

**Combination BS-MS Program** 

Up to four courses taken as an undergraduate may be applied toward a master's degree in a unique opportunity for WPI students.

The courses may be at either graduate or advanced undergraduate level but must be approved by the graduate department. While formerly the graduate degree had to be in the same general field as the undergraduate major qualifying project, this requirement has now been eliminated by the faculty.

For example, an undergraduate engineering major may now enter a graduate program in management under this BS-MS combination.

In most cases it is possible to complete the master's requirements within a year after finishing the bachelor's degree.

While the program may be started at any time, early planning is desirable. Interested students should see the head of the graduate department concerned.

More information may be found in the Graduate Catalog.



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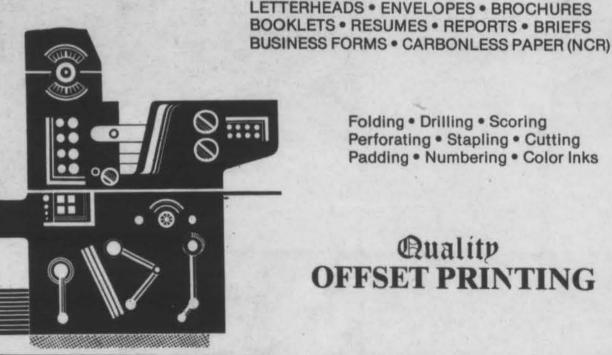
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# Consortium gerontology program established

The University of Massachusetts Medical Center Gerontology Planning Project, in cooperation with the Worcester Consortium for Higher Education, Inc. has announced the establishment of a Consortium Gerontology Studies Program leading to a Certificate in Gerontology for undergraduate students eligible for crossregistration. A 1979-80 version of a brochure describing the program will be available for later distribution.

In connection with the Gerontology Studies Program, the University of Massachusetts Medical Center is offering a course on aging and health. Among the topics to be covered are: demography of aging; selected disorders in old age; epidemiology of illness in later life; institutionalization; alternatives to institutional care, death

and dying; and financing and delivery of medical care to the aged. The time and place are: Tuesdays and Thursdays, 3:00 to 4:30 p.m. January 29, to May 6, 1980, University of Massachusetts Medical Center.

Pre-requisites are upper class standing and consent of the program coordinator. Accreditation will be by the student's college with approval of the college.

For additional information about the gerontology courses, the Certificate Program and "Aging and Health", contact: Rosalie S. Wolf, Ph.D. Coordinator, Consortium Gerontology Studies Option, University of Massachusetts Medical Center, 55 Lake Avenue North, Worcester, Massachusetts 01605. Tel (617) 856-3084.

### Louis Killen to appear at art museum

Folksinger Louis Killen will perform in concert at the Worcester Art Museum on Sunday, November 11 at 3 p.m. An influential promoter of the revival of folk music in Britain and the United States, Mr. Killen has been called a master of the traditional English ballad, the sea chantey, music hall songs, and other folk music.

Born in Gateshead-on-Tyne in northeastern England, Mr. Killen in the 1950s decided to make traditional music his career. His personal interest and efforts led to the founding of numerous folk music clubs in England at the beginning of a wider British folk music revival.

Since 1961 Mr. Killen has been a full time performer and has appeared on the stages of the Royal Festival and Royal Albert Halls in London and Carnegie and Avery Fisher Halls in New York City. In 1967 he emigrated to the United States, where he is now among the most popular performers and re-

corders of authentic folk music.

Admission to the museum concert is free, although non-members must pay general museum admission.

Preceding the concert, the Worcester Art Museum restaurant, "Across the Street", will serve Sunday brunch from 11 a.m. to 2 p.m. For reservations, call the museum at 799-4406.

# Creative writers sought

Newspeak is trying to form a new creative writing section, but student input is needed. Poems, songs, short stories, whatever you can come up with are wanted. Send all selections to: WPI Newspeak, Box 2472.

# classifieds

NEWSPEAK will run classifieds free for all WPI students, faculty and staff. Free classifieds are limited to 6 lines. Those over 6 lines must be paid for at the off-campus rate of 25¢/line. Deadline is Saturday noon for the following Tuesday issue. Mail to WPI Newspeak, Box 2472, or bring to WPI Newspeak, Room 01, basement, Sanford Riley Hall. Forms must be filled with name, address, and phone no. for ad to be printed.

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# Women's tennis winds up the year

by Lisa Longwell Newspeak Staff

The WPI Women's Tennis Team completed their first varsity season with a record of 7-2. They finished strong by accumulating four consecutive upset victories.

On October 17, they faced Stonehill

and was down 2-5 in the second set. Debbie saved five match games and went on to win the second set in a tie-breaker. Meanwhile, Clark managed to score a point making the score 3-1. WPI had to win one of the three remaining matches in which both Debbie and Karen Scala were involved in a third

# **SPORTS**

College who had beaten WPI easily last year by a score of 6-1. Stonehill had the same top players, but WPI has improved and they responded to the challenge. WPI took a quick 3-1 lead with victories by Debbie Biederman, Stacie Burkhardt, and the doubles duo of Cathy Girouard and Beth Martin. As many times before, depth was the deciding factor and the second doubles, Jocelyn Kent and Gail Strzepa, scored the deciding point to put Stonehill away. Another singles victory was scored by Lisa Longwell for a final score of 5-2 in favor of WPI.

Class in their new sweat suits and determined to finish the season victorious, the Women's Tennis Teams stunned Clark on their home courts. The number one singles was decided early with Lisa Longwell winning eleven consecutive games before winning 6-0, 6-1. At first doubles, Cathy Girouard and Beth Martin had little trouble in posting a straight set victory. These victories, however, were overshadowed by two tremendous comebacks. At number five singles, Stacie Burkhardt was down 0-4 and she rallied for seven straight games to take the first set 6-4 and a 1-0 lead in the second set. She later fell behind in the second set, but she fought back to win the set to give WPI a commanding 3-0 lead. At number two singles, Debbie Biederman was involved in another of her usual marathons. She had lost the first set

and deciding set. The winning point, however, was again scored by the doubles team of Jocelyn Kent and Gail Strzepa who had little trouble in a straight set victory. Although WPI was assured the win, Debbie and Karen didn't give up. They emerged victorious with Karen finishing in a sudden death tiebreaker. The final score was WPI 6, Clark 1

The women's "Tennis Teams" only two losses came to Assumption and Brandeis, who both had representatives in one of the finals of the MAIAW WPI. Championships. seemed to make a stronger showing by reaching the semifinals of each tournament. This was the first time that WPI had made it past the first round. Cathy Girouard and Beth Martin lost a close three setter in which they took more games off the eventual winners than the runners-up. Debbie Biederman had a very close match in which only two service breaks were the deciding factor. Lisa Longwell had perhaps the best draw but she was unable to capitalize with a disappointing defeat.

On the collège tennis circuit, WPI is rapidly becoming an established terror. The members of the team, Juniors; Cathy Girouard, Cindy Lozeau, Karen Scala, and Bita Solhjoo, Sophomores; Stacle Burkhardt, Cindy Gagnon, Jocelyn Kent, Beth Martin, Gail Strzepa, Karen Zalewski, and Freshmen; Debbie Biederman, and Lisa Longwell, are to be congratulated.

# Interest shown for women's track

by Lisa Longwell Newspeak staff

For those of you who feel threatened by the swimming pool or the aggression of basketball, there can be an alternative. Bernadette Young and Lisa Longwell are proposing the formation of a Women's Indoor Track Team. Currently, indoor track isn't even a club sport because of lack of interest. The benefits of an indoor track team would be much needed relief from studies during the long winter months, improved physical health, and most important, conditioning for a spring track team.

Let it be emphasized that track is not just running; there is something in track for everyone. Anyone interested in participating on the Women's Indoor Track Team should contact Bernadette Young (Box 486).

# Open House Civil Enginearing and Your Future An informal meeting of students, recent graduates, and people from industry Wednesday, November 7. Starting at 1:00 Raven Hall 207 Refreshments will be served

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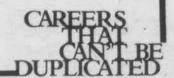
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# Soccer team moves to 7-1 Football ends season

The Soccer team came up with their biggest win of the year on Tuesday, as they rolled past previously undefeated Babson 1-0. This game marked the first time in six years that Tech has sent the Green home empty-handed, and also was significant because going into the game Babson was ranked as the top NCAA Division III team in New England. Looking to the future, this win should help propel the Tech Booters toward a potential New England Division III playoff berth.

From the opening kickoff, it was evident that this was to be a close, hard-fought battle. Tough, physical play in the first half emphatically showed how badly each team wanted the win. Although Babson had a slight edge in play, the furious Tech defense hung tough, allowing but one testing shot on goalie Jim Eilenberger, which he turned away. Unfortunately, the Babson defense hung just as tough, and at halftime the score was 0-0.

WPI came out hungry in the second half, mustering a number of scoring chances immediately. Finally, 20 minutes into the final stanza, Captain Leo Kaabi hit paydirt. The game winning play developed from a long throw by Jay McNeff, which Steve King headed to Kaabi for Tech's biggest goal to date. WPI continued to press the Babson defense, as they came close

with scoring bids several times throughout the remainder of the game. The Tech defense remained strong, rejecting all Babson threats, to send the Green Machine "limping home" on the wrong end of the 1-0 count. (To set the record straight — that last Babson shot definitely did not go in the goal!)

On Saturday, the Techies put their 6-1 record on the line against a pesky Nichols squad. They didn't come away disappointed either, as Jim Eilenberger tied a school record with his fourth shutout of the year, and the team walked off the field with a solid 4-0

wictory.
WPI got all the scoring punch it break-away goal at 2:38 of the first half. Just five minutes later, Leo Kaabi notched his twelfth goal of the season off a long throw by Jay "No Bias In This Article" McNeff. Freshman flame Joe "Choo-Choo" Sheehan scored the third goal and Nallen the fourth in second half action. Play got hot 'n heavy toward the end of the game as John Berard started to retaliate for some of the cheap shots which Nichols dealt out throughout the contest. The Lambda Chi contingent went wild as Tom Trepanier ("I'm innocent!") also got his two cents worth in. Enough said!!

In the final game of '79 season the Engineers put everything together against Hamilton in a 21-6 whipping. The scoring starting slow for the Engineers with Smokey blasting across from the one yard line in the second quarter and Carpenter kicking the point after to give WPI a 7-6 lead at halftime.

In the second half the team put it all together with John Damasi running one in from the 30 and Bob Montagna taking in an option from 25 for the final score. The Defense did what had to be done by keeping Hamilton under 200 yards for the day, while picking off 2 passes (Captain T and the boys just doing their job). The offense totaled 460 yards with Monty close to 50% passing for 228 yards and the lack with 232 on the ground. Mike "Smokey" Robinson picked up 102 yards to close

out his amazing career.

Although the season was dis-

On Monday, Tech faced Assumption before this was in print. Tomorrow WPI takes on highly-touted Division I power Boston University at Nickerson Field in Boston (Right next door to the Paradise, Berg!), and Saturday faces nationally-ranked Hartford at home at 11:00 A.M. Remember, Tech Soccer is on the move — Catch It!!

this week's solution

THE PURSE THE PROPERTY OF THE

appointing in the amount of wins for the Engineer. It had its good point. Three games is the most games won in seven years and all the games were close except for the Norwich massacre With one more year of recruiting and with Coach Weiss' boys maturing, next year could show even more improvement.

The team will have to fill some big shoes, though, leaving this years will be George Gihas, Dave Schab, Joe Mayall Jeff Rosen, Bob Yule, Mike "Smokey" Robinson, Pete Kellehar, Lou Traviglione, Jeff Rocnick and Rick Modi. Thanks for keeping the program alive during the tough years.

# Students should shop for air fare

Students looking forward to coming vacations this winter might do well to shop around for air fare.

The tip is to not settle for the first fare rates you are quoted. Harried flight agents often misquote rates, especially since competing airlines are constantly changing their prices. The result is that flight agents are often as confused as the customers themselves.

Airlines within tight competitive bounds file new promotional fares almost daily and that confuses the thousands of new reservation agents hired in the last couple of years.

To save money, consumers would be safe to make a reservation and then call again. Each time you receive a lower quote, book the reservation. Continue until you've found the lowest rates possible and then cancel all previous reservations.

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# Students to compete for shuttle space

Scientific and professional organizations are being invited to a workshop next month to draw up plans for a proposed competition to select college student experiments to be flown aboard NASA's Space Shuttle in the 1980s. Plans for a high school student program are being worked on separately.

More than 40 organizations are being invited to take part in the workshop at NASA Headquarters in Washington Nov. 29-10. Dr. Glen P. Wilson, special assistant for student activities in the Office of External Relations, heads the NASA Student Activities Steering Committee, the lead group in coordinating the workshops.

The workshop is being organized for NASA by the Forum for the Advancement of Students in Science and Technology, Inc., which represents a network of organizations and some 13,000 individuals interested in encouraging student participation in scientific

programs

Preliminary plans call for starting competition by the fall of 1980 in order to select winners in the spring of 1981 and to develop the experiments in the summer and fall. The experiments then might be flown in late 1981 or 1982, depending on how long it takes to prepare them and the availability of space on a Shuttle flight.

Student participation in space agency projects has been a continuing effort at NASA. During the Skylab

mission in 1973 and 1974, experiments from high school students were flown. One of the most publicized ones invesigated the effects of weightlessness upon two spiders, Anita and Arabella.

Wilson noted that in the 1976 Viking mission to Mars, some 50 or more students were selected from colleges and universities around the country and went to Pasadena, Calif., to work on the project.

# Local interviews for software professionals

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# Foothills presents

by Lynn Hadad Associate editor

For the second show of their 1979-80 season, the Foothills Theatre turns to a dramatic play by Henrik Ibsen. The setting of the play, Ghosts, is a small Norwegian town, whose inhabitants are living by the moral standards of the

early 1800's. While the rest of the late nineteenth century world was involved in a transition from strict to looser moral views, the citizens of this Norwegian town remained staunch defenders of their old codes. These old codes were the backing for such views as the virtues of a spotless reputation and the disgrace of divorce.

Elena Gil plays the part of Mrs. Helen Alving, an aging woman who is beginning to see how ludicrous the whole idea of strictly following the code is. She was trapped in a situation

where her husband was often drunk and repeatedly unfaithful, yet, if she left him then she would be branded as a runaway wife. To save the reputations of both she and her husband, Mrs. Alving remained with him until his

Pastor Manders, played by Ronald Durling, is, on the other hand, totally wrapped up in preserving his and apparently everyone elses' reputations. Any action or statement that may cause the raising of eyebrows or wagging of tongues is regarded as taboo to the good clergyman.

As the plot unfolds, Mrs. Alving evolves as a very complex character. She has spent the better part of her adult life harboring dark secrets. She is a strong person who has had to deal with the fact that her servant girl is her husband's illegitimate daughter. To further complicate matters, Mrs. Alving's son wishes to marry this girl.

Mrs. Alving and Pastor Manders repeatedly lock horns over topics such as propriety and public image. As a result of Mr. Alving's activities, their son is stricken with an irreversible,

# Ibsen's Ghosts

debilitating disease. The dramatic conclusion of the play forces Mrs. Alving to make the most difficult decision of her life: Whether or not to put her son out of his agony.

For the most part, the acting in the play is well done. Occassionally, a

dramatic scene comes across as being a little overdone. Ghosts is not a play for someone looking for a night of light entertainment; rather, it is a very sobering play, appropriate for those who are seeking serious dramatic



Ghosts will run until Sunday, November 11.

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Our Representative will be on campus Thursday, November 8

to conduct interviews Please check with the Career Planning & Development Office for further details

# WHAT'S HAPPENING

### Tuesday, November 6

Cinematech presents "Aquirre, the Wrath of God, Kinnicutt, 7:30 p.m.

Pub Flicks, "Marilyn Monroe" and "Hardware Wars" (a parody of "Star Wars"), 8:30 &

10:00p.m.

ME Colloquium, "Creative Engineering", Dr. Wallace Bowley, professor of mechanical engineering and director of energy center at the University of Connecticut, HL109, 4:30 p.m. Refreshments at 4:00 p.m.

### Wednesday, November 7

CE Open House, "Civil Engineering, and Your Future", open forum with recent WPI graduates and other members of industry, Kaven 207, 1:00 p.m.

Mr. William Johnson, president of Resource, Placement and Development, Inc., will speak on post-graduate opportunities for minorities, seminar room Gordon Library, 8:00 p.m. Rock & Roll Night in the Pub, 8:30 p.m.

### Thursday, November 8

Chemistry Colloquium, "Biomimetic Chemistry of Indole Alkaloids," Philip LeQuesne, Northeastern University, Goddard 227, 4:00 p.m. Refreshments.

Sale of Framed Pub Mirrors, Wedge. 9:00 a.m.- 6:30 p.m.

Coffeehouse, "The Moose Brothers", Wedge, 9:00 p.m.

### Friday, November 9

Casino night, Harrington, 6:00 p.m - midnight

### Saturday, November 10

Attic Treasures and Craft Fair, Wedge, 10 a.m. - 4 p.m. IFC Fall Spree Concert, Harrington, 4 p.m. - midnight.

### Sunday, November 11

Hillel Kick-Off Brunch, Religious Center, 10:00 a.m.

### Monday, November 12

IFC auction for the United Way, Pub, 4:30 p.m.



# Heuspeak

The student newspaper of Worcester Polytechnic Institute

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Tuesday, November 6, 1979