

Atwater — Kent costs near \$3 million

by Tom Nicolsi
Associate editor

Plans are now nearing completion for the proposed renovation at the Atwater Kent Laboratories which currently house the labs and classrooms of the Electrical Engineering Department. According to Gardner Pierce, Director of Physical Planning and Plant Services for WPI, final drawings of the plan by the architects, Goody, Clancy, Associates, Inc., should be completed by the beginning of the new year.

The renovations, which Pierce hopes will be completed by the fall of 1981, would make possible the relocation of the Computer Science Department into Atwater Kent along side of the Electrical Engineering Department. In order for this to be feasible, considering the fact that approximately 1/3 of the student body have majors in these two disciplines, 14,000 to 15,000 additional square feet of floor space must be added to the building. At present, two plans are being considered to add this extra work space. Both plans include

the division of the old trolley car barn which is now a projects lab and storage area into two floors and the addition of a freight elevator to replace the aging hoist that has been in use since the building first was built in order to give ready access to materials that are being stored in the basement or "pit" area. Additional space will be acquired by the construction of offices or labs in the rear of the building adjacent to the parking lot or by adding ground level classrooms on each side of the stairway leading into the front of the building on Salisbury Street. Construction of the classrooms at the front of the building will be accomplished while still leaving much of the original architecture of the structure intact. The proposed offices or class rooms in the rear of the building will resemble an upside down staircase in appearance and will also be designed so as not to detract from the unique beauty which the building now possesses.

Throughout the process of designing the plans for the renovations faculty input has been important with a com-

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Teacher evaluations give 'constant feedback'

by Bob Thivierge
Newspeak staff

The term has just ended; your mind has reached its frustrational end, and now the question is put to you: Of what value was the course you just completed, how did the instructor present the subject matter, and were the resources used to relate the course of comprehensible quality? WPI students find themselves faced with this type of evaluation at the end of every course. The results of these evaluations give

an instructor some feedback, concerning his or her performance as a teacher in his field. It is, in part, from these evaluations that promotions and tenureships are awarded among the teaching staff. But, the evaluations also point out weaknesses and strengths in the structure of presentation of a given course so that the quality of teaching might increase.

In an interview with Dean Bolz, Vice President and Dean of Faculty and Professor of Engineering, the importance of evaluation was established as being "the feedback to the faculty and students". Dean Bolz explained that the comment section of the evaluation sheet is of particular importance to both teachers and administration. Bolz stated that there is a need for "constant feedback" in order to present subject matter in the most direct manner. There are many trends realized with the evaluations concerning the reaction to courses, but there is a division between what can and can't be changed for various reasons. The difficulty said Bolz "is determining what is practical and reasonable to change, in consideration of both the difficulty and the nature of the course". Bolz said that the interpretation of the evaluation must be done carefully, in order to insure the most accurate representation of the situation concerning a course and its presentment. He said "there is a possibility of

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Success at WPI often determined by math courses

by Jeff Roy
Newspeak staff

"Mathematics is a tough subject, but offering it three different ways is a little too much," explained Math Prof. William Miller.

Prof. Miller was referring to a question that has arisen about the effectiveness of the Calculus courses in general for WPI freshmen.

According to a survey conducted by Dean Grogan's office, it is the students that do well (pass) in their basic math courses that excel under the WPI plan. Being an engineering school lends itself to that fact.

When it was discovered that freshmen were not well prepared in the basic math courses, Department Head Paul Davis requested that the subject be researched.

Prof. Davis assigned the Basic Course Committee, a group of faculty members, the task of evaluating the three ways in which the Calculus is offered, and recommending future adjustments.

Presently, the WPI student can take a math course either under the regular teacher-classroom system, Individually Prescribed Instruction, or the Pilot program.

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Deans say new policy will work

by Maureen Sexton
Newspeak staff

Ray E. Boiz, Vice President and Dean of Faculty, and William R. Grogan, Dean of Undergraduate Studies, detailed their reasons for lifting the class size limits on most 1000 and 2000 level courses, last week. The policy change, which was discussed in a Newspeak article last week, does not include humanities courses and laboratory courses. In addition to lifting the limits, an additional course change period has been added before



Dean William R. Grogan. —John Mar

the close of each previous term. Bolz and Grogan believe that as a result of these changes most course changes will be easily and painlessly accomplished. They did not see the change as a major shift from the present method of setting limits on class sizes and forming new sections as required.

By making these changes, Deans Bolz and Grogan hope that each student will be allowed to take "his optimum program." This will be achieved

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Interession courses still open

This is the final week to sign up for interession courses. Melanie Lajoie, the person in charge of the interession program, reports that most courses still are open. The interession office had been closed for a few days last week, but this was because the office had been too caught up in back work. This situation will be alleviated this week with the addition of more workers in the office.

According to Melanie, the most popular courses were those that offer academic credit. Some of these courses fall into the drawing, computer, and engineering categories. Interession courses that are designed to help students with their sufficiencies are also popular this year. "Fun" courses, such as photography, gambling and entrepreneurship courses are also doing well.

Perhaps the most encouraging sign from the interession office is the declining popularity of the Disco courses. (Apparently, the students living on Daniels 2nd aren't coming back for interession!)

Melanie thinks that 48 percent of the WPI undergraduates will participate in interession '80. This is the same level of participation that interessions of past years have had. Again, as in other years, Consortium students will also be participating in interession.

Melanie said, "I want students to know that there are a lot of courses with openings...students shouldn't be shy about coming to the office."

Hungry wrestlers now 3-0

by Duane Delfosse
Newspeak staff

This past week the WPI wrestling team humiliated three opponents in a display of team strength not seen since the 14-2 season of 1976-1977. What stands out is not so much the wins, but more the fact that they were not even close. Boston College, Trinity and Bowdoin were beaten by scores of 39-5, 51-5 and 47-3 respectively. WPI took nine of the ten weight classes in all three matches and amassed a total of 14 pins. Unfortunately, 190 pounder Dave Pryor took all three losses against opponents who were placed second in the University Division New England and fourth in the College Division New England.

As was the case in the past two years, the crowd for both home matches filled Alumni Gym to capacity. The "regulars" should be thanked for their restraint in front of the Parent's Day crowd on Saturday. Bowdoins 158 pounder was more than slightly nervous when he stepped onto the mat before 350 WPI fans after having watched five teammates get stuck.

This year's team features eleven

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John Mar

CAP keeps competency requirement same

To the editor:

The Committee on Academic Policy sent the following letter to all WPI faculty on November 9, 1979. At a meeting later in November, the CAP decided to have it published in Newspeak for the student body.

examination. The present wording does not permit conditional certifications.

The 12 unit requirement is only one of the two considerations in the certification process for a competency examination:

LETTERS

At the May 17, 1979 faculty meeting, the 1978-79 Committee on Academic Policy made a motion concerning a change in the Operational Catalogue relating to the implementation of the 12-unit requirement. At that meeting the faculty voted to return the motion to the CAP for future consideration.

The 1979-80 Committee on Academic Policy has voted to recommend that no change be made in the wording of this section of the Operational Catalogue:

Students are judged to have met the 12-unit requirement if, by carrying no more than a normal academic load, they can expect to have completed at least 12 units at the end of the term. Once certified by their advisor, they may schedule and take a competency exam at the end of that term regardless of their performance during that term. However, if the outcome is such that the student falls 2/3 or 1 unit short of 12 units, it is expected that the student, in consultation with an advisor and/or competency examination board, may decide to postpone the exam until a later period. (Operational Catalogue, 1979-80, pg. 11, Section 2d)

The CAP finds in the present wording the clear implication that once the student is certified as eligible by his or her advisor to take the competency examination the decision as to whether to take the next available examination rests with the student. This applies even in the situation in which a student so certified fails to attain the 12 unit level prior to the

The academic advisor is responsible for certifying to the appropriate departmental competency examination committee (DCEC) that the student has satisfied the 12 unit requirement and that the student's background is sufficiently integrated and complete to justify an examination being given. (Operational Catalogue, 1979-80, p. 30)

The specified number of units is primarily a convenient benchmark for gauging academic accomplishment; certification is dependent on the academic advisor's evaluation of the student's preparedness. An advisor would be expected to refuse certification for a student who has completed even more than 12 units but has not demonstrated sufficient background for the examination.

The CAP believes that the current statements in the Operational Catalogue are consistent with the PLAN philosophy that students should be encouraged to make their important academic decisions in a responsible way. Academic advisors should be encouraged to assist students in making such decisions, especially when although-certified-some students fail to attain the 12 unit level prior to the examination. For instance, such students might be given an updated estimate of their state of preparedness for the examination and the possible consequences of failing the examination (e.g., minimum waiting periods, remedial activities, etc.) However, the ultimate decision remains with the certified student.

Operational Catalog will list new computer course

The 1980-81 Operational Catalog will list a new course, ES2600 Introduction to Mini/Micro Computers, described as follows:

This course introduces the hardware and software concepts of a computer and is intended for students who wish to gain an initial understanding of how microprocessors can be utilized in simple engineering applications.

The topics covered will include: number systems and codes, representative computer arithmetic/logic operations as expressed by symbolic language instructions and as implemented by register transfer operations, introductory I/O interfacing techniques expressed in terms of the interchange of data and control signals, utilization of elementary logic circuits, and an overview of microprocessor configurations and development systems.

Laboratory exercises will illustrate basic concepts and applications. Recommended background: An understanding of electric circuit concepts as found in basic college physics (PH1102, 1112).

The course will be offered every term beginning in A80, and registration for next year will be accomplished in the normal manner.

The course will have weekly lectures

and laboratory sessions; tapes will be used extensively to supplement lecture, text, and laboratory syllabus material.

The faculty members who are developing the course, Professors Alpert, Eteson, Kennedy, and Perry, plan to offer the course on a trial basis (Independent Study registration during Terms CD80). Many lectures will be taped in TV classroom and will be used next year. Laboratory exercises will be scheduled. Student comments on this first presentation of the material will form valuable input to the modifications that will be made prior to the regular 1980-81 offerings.

Professors Alpert, Eteson, Kennedy, and Perry are looking for students to sign up for the course on a 14-week IS basis 1/3 unit for terms CD80; of those applying, twenty-four will be selected. Because the course is intended for second-year students, selection will give such students priority. Students selected must be able to meet twice a week for lectures (at least one will be taped) and once a week for the laboratory during both terms.

Application forms for the initial IS version of ES2600 can be obtained from S.R. Alpert (CS Dept) or O.W. Kennedy (EE Dept). The forms should be returned by Dec. 19, 1979.

Juniors meeting Tuesday

To the editor:

The Junior Class Officers would like to take this opportunity to remind our class that now is the time to make preparations for summer engineering employment. Along these lines, an open meeting will be held to discuss the writing of resumes and all juniors

are encouraged to attend. This meeting will take place Tuesday, December 18, at 6:45 p.m. in Kinnicutt Hall. It will be a good opportunity to be introduced to something which we will all have to contend with sooner or later.

Junior Class Officers

...Math courses

(continued from page 1)

In the IPI system, the student is free to move at his own pace, only reporting to class for assessments. The teacher-classroom system speaks for itself.

The Pilot program is a unique system, in which the student must prove his ability in order to further his study. Classes are held five times a week and the 7-week schedule is broken up into three modules. If a student does not succeed in a module, he must repeat and pass that module before he can continue.

"What I asked the Basic Course Committee to do was to develop freshmen mathematics courses that would make the experience in Calculus more effective," noted Davis.

"It has happened that professors in other departments have come to me and say that the people in their class do not know what a sine wave looks like, which then makes me ask the question about the effectiveness of the courses."

There are many questions that can be asked when dealing with the subject of a course's effectiveness.

Each system has its pros and cons. Prof. Miller, who is the chairman of the Basic Course Committee continued, "We want to go along with the survey (Dean Grogan's) and see what we can do to improve the amount of successful students. Many times, the students who get NRs in their first math courses end up in another school their sophomore year."

"Another thing we have to deal with is grading. How can we ease the shock of seven week terms? I don't know the answer - and these are the types of things that we are discussing at our meetings."

As soon as the committee comes up with some sort of recommendation, it will submit the idea to Davis, who will in turn discuss the idea with the rest of the department.

"It would be ideal to consider the three methods, take the best of each and offer the courses in one way," added Davis. "All three methods could be eliminated or they might not even change at all. I really don't anticipate any drastic changes."

The department is dealing with the hard core aspects of the Plan and the concept of going from the passive high

school environment to the project atmosphere. It's a matter of developing confidence for the students in order to get them used to the idea of individual achievement.

A rumor surfaced that the mathematics department was trying to eliminate the IPI courses, but the two professors assured that it was a general overhauling of all three methods.

"We have not said anything about dropping IPI," explained Miller. "We have been happy with it for years and I'm very enthusiastic about it. It gives an optional way of taking a course."

For the next month, the committee will labor over the survey by Dean Grogan's office and it will deal with the fact that mathematics is a filter (those who don't do well in it leave WPI).

Miller continued, "My personal feeling is that students in this day and age see other schools as more romantic than WPI. A lot of problems arise in this area when students only see the rosy pictures at other schools - they really don't get an honest picture. In this way we get a lot of transfers; maybe things are getting mixed up."

The Basic Course Committee should submit its proposal to Davis after the first of the year, and by that time, a better picture will have been painted of the course offerings.

"There are no easy answers to the problem," concluded Davis. "We just have to ask ourselves what we are trying to accomplish here and base our final decision on the recommendation of the committee."

SAB meeting next Monday

There will be a meeting of the Student Activities Board next Monday, Dec. 17 at 7:30 p.m. The meeting will be held in the Library Seminar Room. On the agenda are Lacrosse, Peddler, and van developments. Each SAB club should send a representative and should be prompt.

Newspeak

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...Bolz and Grogan

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by increasing the size capacity for courses — especially in the 1000-2000 introductory courses. This will be done by creating new sections of courses as the need arises. If a number of students wish to switch into a certain course which is near capacity, a new section will be created as far in advance as possible. If it is found that all of the allotted space is not needed, sections will be merged or cancelled.

Obviously, if a large number of



Dean Raymond E. Bolz. -Mitch Weirich

students decide they want a certain course at the final course change period, they may be refused, for it would be extremely difficult to set up a new section in a few days. Because of this, it is hoped that each student would put a great deal of thought and planning into their schedules. This would save a great deal of time and work for both the students and the administration.

Dean Grogan explained the changes made weren't just a result of the problems encountered with B term registration. Alterations in the registration process have been discussed for quite a while. The administration feels the changes were necessary because of problems with inaccurate pre-registration costs, phantom students, and waiting lists as described in the *Newspeak* December 4th issue.

The basic problem was compared by Grogan to a Chinese Checker game where no moves can be made if each space is filled, but if more spaces are opened or allotted, the game can be easily completed. By increasing the size potential of the courses, it is hoped that all changes will be easily completed, and that no great changes in the size of courses will be necessary.

Bolz said that most problems in both B and C terms have been taken care of and any schedule alterations made in the first course change period should be accomplished before the Christmas vacation. Then, the hassles and long lines encountered before B term will be cut down to a minimum.

...Teacher evaluations

(continued from page 1)

rearranging instructors to areas more conducive to their interests and strengths, but that some cases warrant the continuation of a course with the same instructor; making an attempt to change the course as positively as possible".

Professor Ma, head of the Chemical Engineering Department, stated that "the evaluations are important since they allow an instructor to realize how well his subject is being learned." He also agrees that the comment section of the evaluation is most important. When asked if he thought students took the evaluations seriously, Professor Ma said that he thought evaluations were, for the most part, taken seriously. Professor Ma also believes that the evaluations are helpful in teaching, saying that "some comments are very good in pointing out areas of concern in the course."

Professor Long, former head of the Physics Department, finds the evaluations of value. He stated that "most teachers use evaluations to better formulate their procedure in class." Professor Long also believes that there is a margin of practical change associated with the results of the evaluations and that the interpretation is important, since the manner in which the course may be altered hinges on the reliability of the evaluation process.

The *Campus Digest News Service* printed an article on the subject of teacher evaluation policy. The article dealt with the effects and influence of

evaluations on students and teaching staff. It is clear that much controversy is associated with the evaluations and their usefulness. Some contend that students cannot evaluate their teachers effectively. "In 1953 a teacher's viewpoint was printed in the *CEA Critic*, a publication of the College English Association:

"To the question 'Can the student evaluate his teachers?' the simple answer is, of course, no. Partly because he has not the ability, partly because he has not a real opportunity, and partly because no scheme for recording his evaluation can be both fair to him and intelligible to anyone else."

Contrary to these criticisms, many surveys do counter the opinion that students cannot evaluate a teacher and find that in fact students are a reliable source of evaluation.

One other point in the article dealt with the publication of evaluation results to the students. At the University of Massachusetts, written consent must be gained from the professor before a student can publish his or her results. The students at that school filed a lawsuit to contest the restriction on publication. The logic they used was that students, as consumers, have a right to gain insight in to their education. The results of the question side of the evaluation sheet at WPI is presented to the administration, faculty and to the library. The comments, however, are only available to teachers and administration. The comments are not accessible to students but the question results are.

CE opportunities discussed tomorrow at 4 p.m.

The WPI student chapter of the American Society of Civil Engineers will present a talk by Prof. Russell Stearns of Dartmouth College. Stearns will speak on "CE Opportunities and ASCE" tomorrow at 4 p.m. in Kaven Hall, 116.

Prof. Stearns is the Regional Director for the ASCE. His talk will deal with the structure and programs of the American Society of Civil Engineers and the job opportunities, salary ranges and future involvement in the professional societies in civil

engineering.

This will be an important seminar for the younger CE students to learn about the national professional society and the CE opportunities. Prof. Stearns will also discuss the Civil Engineering program at Dartmouth, which is different from WPI's.

Students of all classes are invited to attend and participate in the discussions.

Coffee and refreshments will be served at 3:45 p.m.

White House gets votes for tasty food

by George Tobin
Newspeak staff

White House Restaurant
632 Park Avenue
Open 7 Days a Week
Lunches & Dinners

The evening of Ron Hudson's performance on campus provided the occasion for this visit to the White House with Glenn DeLuca and Ron Hudson.

We arrived about 5:30 p.m., with Ron as our guest. The maitre'd seated us in the cozy, red-carpeted dining room, and we ordered cocktails. The decor here is simple, nothing elaborate. This could be either a disappointment or a blessing, depending on the type of

down his clams to say a thing, and I enjoyed immensely the taste of a real chicken salad sandwich with some crisp non-DAKA fries. My only regret was that the french fries were fresh frozen, as opposed to the thick hand-cut steak fries served at several area restaurants. (One special word, The White House is one of the few restaurants I've been to that serves O'Brien potatoes, a fancy type of home fries). Again, the best virtue with the White House is simplicity. Don't go here and expect Hollandaise Sauce with your broccolli, or Bernaise Sauce with your Steak, or Coquilles St. Jaques, but expect tasty and simply prepared real food.

ON THE MENU

atmosphere you had expected.

The menu is plentiful in choices, with full dinners, sandwich specials, and omelets, as well as dinner salads and pasta dishes. There are over 20 different seafood dinners, several steak entrees, 9 or 10 different omelets, and over 2 dozen sandwiches and sandwich platters. The emphasis here is on simple, but tasty foods; not fancily garnished or adulterated. Glenn and Ron both had the swordfish dinners. (\$5.95 for dinner, includes potatoes, relish tray, bread and butter, and vegetables), Keith Moore (my other spectrum cohort) had the Fried Clam Dinner (\$4.85 — includes french fries, cole slaw and tarter sauce), while I opted for (yes, it's true!) a chicken salad sandwich platter (\$2.75, which included the sandwich, french fries and cole slaw). Salads were \$.75 more.

Our salads were well prepared, of fresh lettuce, onions, cucumbers and olives, and all came with apparently home made dressings. For \$1.85 one can get a tossed salad — greek style, with feta cheese, or for \$2.65 a small Chefs Salad Julienne.

Our dinners arrived hot and, for once, I didn't have to ask the waitress to refill my water glass, or ask for the ketchup.

Glenn and Ron said the swordfish was very well done, with a delicate flavor. Keith was too busy chomping

For desert, Glen, Ron, and Keith had the fresh Strawberry Shortcake (\$1.35), while I had the honor of finishing off the last piece of a house special-carrot cake (how did they know — I rave about a good cake like this one) for \$1.25. The desserts were fabulous — the shortcake had real whipped cream, and fresh (not frozen) strawberries on an honest to goodness homemade biscuit. And my carrot cake, well, I'll long remember it. A huge wedge, loaded with nuts and raisings, a luscious 2 layer cake ladden with a creamy icing. Sorry, Mom, but you've met your match!

Our coffee was surprisingly good for a restaurant, a sign that, if nothing else, they clean the machine. I only regret they don't serve expresso or cappucino here, a nice cup of that would have made the evening.

Most dinners run from \$4 to \$9, with the average around \$6. Sandwiches run from \$1.95 (includes french fries and cole slaw) to \$2.95. The Lobster Salad Sandwich is \$4.65, not too bad from what I've encountered, at least around here.

The White House is the ideal place to take a group of friends, or maybe your parents, but it seems too plain for a spectacularly romantic evening with your date.

The White House also has a wine list, with carafes, glasses, and bottles.

Directories available today

Distribution of student telephone directories to the student body will be handled through the Office of Student Affairs.

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.

Engineers to be seen on WPIC-TV

Saturday's basketball game between the Engineers and the Bowdoin Polar Bears will be shown over WPIC-TV, this week. The video-tape, which includes play-by-play descriptions can be seen every day this week beginning around 11 a.m. At half-time there will be a one-half hour break for the noon news on Channel 4.

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WPI buildings nominated for National Historic Register

by Doug Fraher
Associate Editor

The WPI administration is quite aware of the history and traditions represented by the older buildings on campus and the need to preserve these physical legacies of the institute's past. In the past few years, over four million dollars was spent on the restoration and renovation of Boynton Hall, Salisbury Laboratories,

WPI's past, and this can't be done by having a homogeneous campus of circa 1960 construction."

The Worcester Heritage Preservation Society, whose members are appointed by City Manager Francis G. McGrath, has recently given WPI's efforts in preservation recognition. Earlier this year, a survey of historical structures and sites in Worcester was conducted by a Cambridge ar-

was conducted under the authority of a 1977 federal mandate as part of a national effort.

Once a building is listed on the register, the owner has to notify the Massachusetts Historical Commission if they wish to demolish or otherwise alter the site. If the structure in question is demolished, the owner cannot deduct the costs of demolition nor take an accelerated depreciation on the new edifice. However, if one owns a site on the Register and conducts certified rehabilitation, one can take an accelerated depreciation or write off the costs over five years.

Five buildings of WPI's old campus—Boynton, Salisbury, Stratton, Washburn, the former electromagnetic laboratory (Skull Tomb) and the land between with the exception of the powerplant and projects workshop — have been nominated for the register. While it may be pleasing to have the significance of buildings acknowledged, some members of the administration believe they have valid reasons for objecting to the nominations and the way in which they were processed. Denny stated that "WPI has vigorously opposed the listing of portions of its campus in the National Register of Historic Places ever since we were notified of them last Spring."

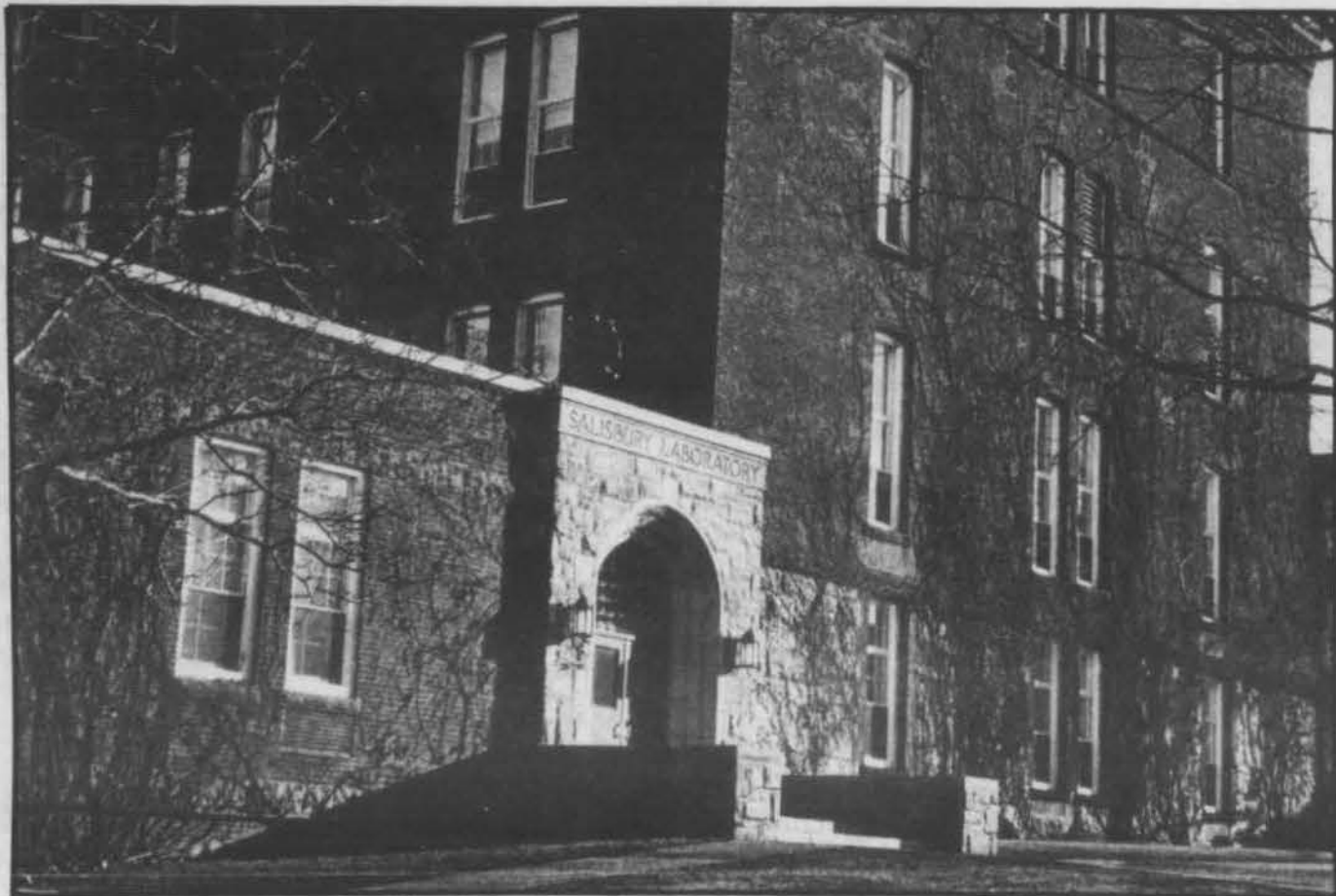
WPI received notice of the nominations by a mimeographed form sent through the mail. Prior to this, the administration had not been informed that the buildings were being considered for the register. Denny stated that "No one touched base with us before we received the notice. We were concerned, upset, and disappointed that they wouldn't give us the courtesy of talking with us about the buildings. The original nomination included the



V.P. for University Relations, Thomas Denney.

and other buildings on campus. According to Thomas G. Denney, Vice-President of University Relations, WPI "has probably spent more money on preservation than any other group in the city. We have a policy of restoration and renovation — not a policy of removal and rebuilding. Our philosophy is that the institute should try to create an awareness and appreciation of

architectural historian and consultant, Brian R. Pfeifer. On the basis of his recommendations, over 600 sites were nominated by the commission for placement on the National Register of Historic Places. Sites are considered eligible if they are associated with significant historical events, trends, or personality or if they are architecturally distinctive in some manner. The survey



Recently renovated Salisbury Laboratories.

ional Register of Historic Places

powerplant and its smokestack, and some buildings that were ineligible because they were too recent."

In response to this Mrs. Janet McCorison, executive director of the Worcester Heritage Presentation Society, replied. "All I can say is that this is the regular procedure. Owners of property are not consulted beforehand. We followed the law to the letter. In fact, we went to step beyond and held a hearing for all the owners. "This hearing

was announced in a morning edition of the *Worcester Telegram* and the meeting was held the same afternoon. Asked whether she considered this proper notification and whether a mailing to each owner might not have been more appropriate, Mrs. McCorison said, "The notification was sent in plenty of time to the *Telegram*. As for the mailing, I imagine it could be done, but its not required by law — it would take a lot of time, and money."

Beyond the nomination



Electro-magnetic laboratory, now called Skull Tomb.



procedure, Denney objects to the possible increased interference in the educational process that may come about if the buildings appear in the register. If federal money is being used to alter a building in the register, certain restrictions and regulations come into effect constraining what alterations and construction can take place. Denney also fears that in the future the use of even federal funds not directly involved in construction — say if students on federally supported scholarships are using a building on the register — may bring federal regulation into effect. Ms. Kim Davis, information officer of the Massachusetts Historical Commission, in reply to this, stated that "the

law in relation to buildings eligible for or on the register may be changed, but its unlikely that such a change will take place." Another objection to the listing of the buildings is the increased paperwork that might be involved. According to Ms. Davis, however, on any application for federal funds the applicant has to state whether historic buildings — on the register or not — will be affected by the project that the funding is being sought for. In her view, if a historic building is listed on the register, paperwork is actually reduced.

WPI is in the process of appealing the nominations. WPI Public Relations Director, Roger Perry, has stated that "WPI intends to pursue our objections to the national level.

As written, the law gives the property owner the right to submit comments, but there is apparently no provision to register objections before an impartial board. From what we have seen, the boards and commissions at the local and state level are preservation's first and not representative boards. Thus, the interest of the parties involved are often ignored in this process."

Denney, summing up the case, said "We've not abandoned our college's basic philosophy and policy — one of retaining links to the past. But our problem, our reasons for objecting, is that we feel we should insure that our successors have the options and freedom from excessive constraint to make the best decisions for WPI."

**Photos by
Leon Droby**



Stratton Hall.

Swimmers dunk B.C. Eagles

by Phil Gallagher

The WPI Swim Team, led by Sophomore John Lee, surprised the Boston College Eagles by a score of 50-45 last Thursday at the Alumni Pool. The win raised the engineers record to 3-0, while B.C. fell to 2-1. After allowing the Eagles to jump out to an early lead of 12-4 after two events, John Lee closed the gap with a win in the 200 yd. free, his first of three wins that evening. The other triple winner for Tech was senior Tom Hartye, who Coach Steve Diguette is quite optimistic about due to his aquatic versatility. Hartye won the individual medley and the 100 yd. free. The former event being a record setting performance.

Other highlights on Diguette's squad certainly include the freshmen. First year swimmer Mike Healy turned in a couple of superlative efforts in the 200 yard butterfly and the medley relay. Healy broke the six year old Frosh record in the Butterfly set by Bob Brown. The other rookie, George Beebe, returning from a two year hiatus from competitive swimming, proved his worth to the team in the breaststroke.

Although finishing third to a B.C. stroker and co-captain Jay Bellingham, he was in the race the whole way and Bellingham had to come from behind to beat Beebe while getting nipped by O'Connor of B.C. It seems the Engineers will have a very solid breaststroke duo this year. Scott Berry swam well in the sprint events as did Anne Marie Krunglewicz and Paul Cottle in the distance series. Things look very bright for the Tech Squad this year, and some exciting meets can be witnessed when the engineers resume their home schedule during inter-session.

Frisbee team finishes good season

by Jim Bozeman

The ultimate frisbee team had its most successful season this fall, compiling a record of 13 wins and 4 losses. With the help of the talented new freshman flingers, the team did extremely well in a very competitive schedule. The teams beaten included Williams, Middlebury, Holy Cross, UMASS, Wesleyan, Trinity, Bryant, Roger Williams, Harvard, Boston College, and Dartmouth. In a tournament used for seeding in this region, which includes Massachusetts, New Hampshire, Vermont, and Maine, WPI came in the top six.

Because of the return of most of the members of last year's fine team, along with the addition of an excellent freshman squad, WPI was able to have its best season to date. WPI is also going to hold its own tournament on a Sunday in the spring. They plan to invite some of the best teams in New England, including UCONN, Hampshire, and Boston Aerodisc. Look for signs.

The team now officially called Whoopie Ultimate is definitely going to try to live up to the name. If you are interested in playing, contact Jim Bozeman, Box 2358 or Alan Cave, Box 2034.

Registrar's Office seeking student employees

The Registrar's Office seeks students to help with enrollment and course changes in the period from Mon. January 28th through Fri. February 1st.

Compensation will be at a rate of \$3.10 per hour.

Interested students should check with the financial aid office in Boynton Hall to establish eligibility for work and be present at an orientation meeting in Olin Hall Room 107, at 4:00 p.m. on Monday December 17, 1979.



The WPI Swin Team beat the Boston College Eagles, 50-45, last Thursday at Alumni Gym.

-Leon Droby

Tonight

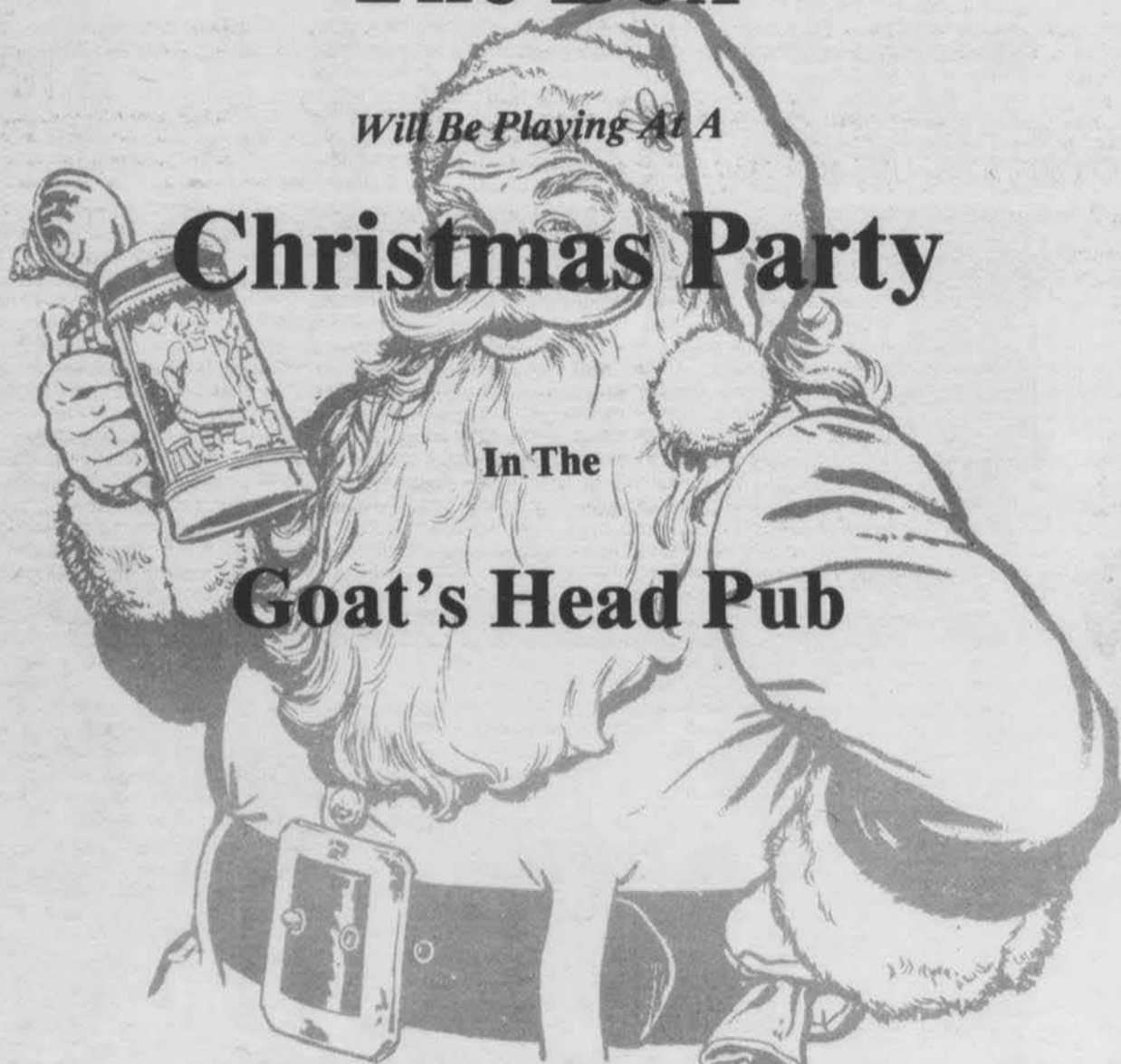
The Box

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In The

Goat's Head Pub



Tuesday, December 11

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Goal tending is keyword for pucksters

by Mike Forand

Goal tending. That has been the key word to the WPI Hockey team in the past week. The trio of Seniors Dick Forand, Dan Hurley and Sophomore transfer Andy Racicot have been awesome. In three games the trio have stopped 109 shots and have allowed only six goals, yet they have only two wins to show for it.

The week started last Monday, against Connecticut College, in a game which turned out to be a Donny Brook. The engineer held a tight 3-0 lead going into the third period. They erupted for 6 goals to blast the game open (plus one goal by O'Keefe which did not go on the board). It was Racicot and Hurley who were in the nets for this game.

Thursday night saw Assumption College visit Webster Square. This is the "big" game for the tech men each year and they played up to it. The Engineers took an early lead as Jim O'Keefe took the opening face-off and Dazzleu the Assumption team with his stick-handling to easily score 8 seconds into the game. But that was all she wrote. As some bad breaks set in. Racicot was spectacular in goal making 35 stops with unparalleled brilliance. Yet the opponents snuck two by and took the lead. The tech men were also fighting the refs who called back two legitimate goals. It is noteworthy to say that this WPI team, at worst, played even with Assumption, the number seven rated in Div III hockey.

Suffolk University was the next opponent of WPI in Boston, the Engineers a strong defensive game and came away with a 4-2 win. Forand was spectacular in nets turning away 23 shots in the third period alone to end the night with a total of 46 stops.

WPI has only allowed 15 goals in 5 games for a total of 3.0 goals per game.

B-ball team undefeated after 3

by Mark Boivin
Newspeak staff

The undefeated WPI basketball team won its third straight game by defeating the Bowdoin Polar Bears 89-81 last Saturday night in Harrington Auditorium.

"The team has a lot of character and desire to succeed. We showed a lot of courage when we were under pressure in the second half," commented Head Coach Ken Kaufman on the victory.

The Engineers held the lead for most of the first half and maintained a 42-32 lead by half-time. Co-captains Randy Byrne and Mark Nestor combined for 25 first half points.

The Polar Bears came out storming in the second half, as they successfully used the full court press and their central of the offensive boards to whittle away at the WPI lead. With three and a half minutes remaining in the game, Bowdoin tied the score at 76-76.

With 50 seconds remaining in the game, and an 84-80 WPI lead, Randy Byrne, who played the entire second half with four fouls, hit two free throws to give the Engineers a 6-point lead. With 20 seconds left, Byrne hit two more free throws to put the game out of reach.

Randy Byrne was the high scorer with 25 points, while Mark Nestor had 22. Freshman Jim Petropoulos was the leading rebounder for WPI with eleven.

In action last Wednesday, WPI defeated Norwich 91-63. Mark Nestor

But the forwards are not in the groove yet as they have scored only 12 goals in 4 games, (9 goals in one other game against a weak team). Pete Miller (2), Ray Cronin (2), and Chuck Crowley (2). (tasche got his 2 token assists).

The record now stands at 2-2-1, with Clark on Monday night and Rhode Island Junior College on Thursday. We hope our support continues and more people come out to see the most exciting game at WPI.



Paul Steffen

Junior Tim Shea takes a jump shot from the top of the key during WPI's 91-63 victory over Norwich last Wednesday.

had an outstanding first half by scoring 21 points and grabbing 12 rebounds. He finished the game as the high-scorer with 33 points.

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Intersession Office

will be open

Tuesday, December 11

through

Friday, December 21

9:00 a.m. to 4:00 p.m.

For Intersession Changes, Additions and Deletions

Higgins Lab 121 Ext. 591

WHAT'S HAPPENING

Tuesday, December 11, 1979

Pub Flicks — 8:30 and 10:00 p.m.

Wednesday, December 12, 1979

Women's Varsity Basketball vs. Bryant, Harrington Auditorium, 7/30 p.m.

WPI Wind Ensemble and Brass Choir, Alden Hall, 8/00 p.m.

Blue-grass and Southern Rock Night at the Pub, 8:30 p.m.

ASCE Student Chapter presents "CE Opportunities and ASCE," by Prof. Russell Stearns, CE, Dartmouth College. Karen Hall 116 4:00 p.m. — coffee and refreshments at 3:45.

Thursday, December 13, 1979

Hillel Chanukah Party in the Higgins House 7:00 p.m.

Coffeehouse Entertainment with "Nevard and Dr. Jazz in the Pub, 9:00 p.m.

WPI Modern Dance, Directed by Joyce Rosen Higgins Labs 209, 8:00 p.m.

Saturday, December 15, 1979

Pub Entertainment with "Pursuit," 8:30 p.m.

Sunday, December 16, 1979

Lens and lights/social committee presents "Boys from Brazil," Alden Hall, 6:30 and 9:30 p.m. Admission \$1.00.

Tuesday, December 18, 1979

Pub flicks — 8:30 and 10:00 p.m.

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- Many of our high-technology products will be on display.
- You'll also have the chance to get the "inside story" from graduates who've joined us over the past year.
- Activities will run continuously from 9am. And refreshments will be served.

Plan to be with us.

If you want more details call collect: Ms. Martha Barry, College Relations Administrator, before December 21st, (203) 623-1621, any weekday 9am-5pm.

HAMILTON STANDARD



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(continued from page 1)

the EE and CS departments involved in the planning. "Cooperation from the faculty has been phenomenal," said Professor Donald C. Eteson, and Electrical Engineering Department faculty member who is active in the committee of advisors to the proposed renovations. "The only point of conflict has been in making known to the architect what we really need."

According to Eteson the renovations will serve to update the buildings to the modern educational programs being practiced at WPI. "Since offices will be located near the labs it will make project work more convenient for both the students and their advisors. This is better suited to the Plan than to the academic program of 1908 (the year the building was first put into use)."

What pleases Professor Stephen R. Alpert, the Computer Science Department Head, most about the proposed renovations is that "it would give the CS Department its first permanent home. It has been in existence for ten years and has been shuffled from closet to closet since then."

Alpert's "prime concern" is that the growing numbers of incoming students who take up EE or CS as majors may in the future cause overcrowding of the building. "Roughly 40 percent of undergraduate majors will be serviced by two departments in one building and it may just be a little tight."

Another facet of the renovation scheme is that construction will have to be done while classes are in progress. This may result in hairy classroom and lab scheduling problems for EE courses while the renovation is going on. While it is apparent that some inconveniences will have to be tolerated it seems that both departments involved in the building changes feel that something must be done. "We need the space," said Eteson. "There's no way that you can consider this a disadvantage."

Along with the phasing of construction around academic schedules there is also the need to proceed with the construction in a somewhat piecemeal fashion in order to help spread out the costs of the estimated \$3 million affair. "The job will take about one and a half years to complete", said Gardner Pierce. "It will be done in stages so that we won't have to incur the total cost all at once and so that classes can still be conducted."

"What needs to be done is going to be expensive," said Eteson. "We want to do the job correctly."

...Wrestlers

(continued from page 1)

returning lettermen and a crop of very talented freshmen. All led by co-captains Dave Wilson and Tony Masullo. Two freshmen, Bill Comeau and John Atkinson, have broken into the starting line up to accumulate three wins each, while Mike Thorn made a single appearance against B.C. Its difficult to single out individual achievements when all but one on the team are undefeated. Wilson, Masullo, Tom Kilkenny and Marshall Housekeeper have all performed as well as anyone could ask. Wilson has three pins; Masullo and Housekeeper each have two, while Kilkenny characteristically wins by scores of 25-3 if he doesn't pin. At 150 pounds, Ron Harris and Greg Doyle have combined for 3 pins, while Craig Dempsey scored one pin and one win.

Unlike previous years this 1979 team has talented depth at every weight class. The competition to make the starting line up has been tougher than anything B.C., Bowdoin or Trinity could produce.

Upcoming matches are at Brown University on December 13, at 7:00 p.m. and a tri-meet in Boston against Harvard University of New Hampshire, and Mass Maritime Academy on December 15 at 7:00. WPI has not beaten Harvard before and has placed behind Mass. Maritime the last two years in the New England tournament. This tri-meet should indicate whether this year's team is very good or great.