A group of engineers at MIT, directed by Professor Robert Hansen, have been conducting studies to determine if the glass facade of the John Hancock Tower has been losing its integrity. The building is becoming known as "Pyramidal Palace" because of the plywood panels that replace broken glass.

By Storm Kauffman

President of the Engineering Council, Robert J. Hansen, and a group of engineers at MIT are presently involved in an investigation of the causes of wind damage to the glass facade of the John Hancock Tower.

MIT has undertaken the project which involves model testing and strategic instrumentation on the building itself. Stress sensors are being used to measure air pressures, the deflection and stresses in the glass wall, and the acceleration of the building itself. Also, a 1,600 scale model of the Tower and Back Bay are presently being subjected to tests in the MIT Wright Brothers Wind Tunnel.

Hansen explained to The Tech that the thermal panels used in the wall - double sheets of glass formed into a single unit - are apparently being blown out during wind storms. The usual damage involves cracking or breaking of the outer panel, indicating a pressure differential across the wall interface. The Tower has suffered from a series of difficulties, and Hansen stated that this further trouble with the glass is delaying its completion.

The plywood closures in the walls do not necessarily indicate which windows have been damaged, Hansen explained. Some of the panes have been moved to accommodate the MIT measurements, and others have been broken in customarily construction noices. Overall, about 30 have had to be replaced so far, because of wind.

One of the wind damage occurred last November and January, when MIT was asked to investigate. In the first case, broken panels were found on the Stewart Street side after a wind storm and in the second on the Trinity Place side. Hansen indicated that the cracking was located in both instances.

The possibility that more than 900 students accept MIT's offer of admission is a real one, however, past experience has shown that 55% of admitted applicants will eventually matriculate. A waiting list of 210 has been established at the event that fewer than 900 elect to attend MIT.

Admission offers sent out; 900 enrollments expected

By Jonathan L. Weber

In what admissions director Peter Richardson termed "the most agonizing year we've ever had," a group of 1,499 prospective members of the class of 1977, a record fifteen percent of whom were selected on an equal basis, were offered admission to MIT. The fresher class of Hancock Tower is presently being subjected to the panes have been moved to not been fully familiar with the problem. Most of the wind damage occurred last November and January, when MIT was asked to investigate. In the first case, broken panels were found on the Stewart Street side after a wind storm and in the second on the Trinity Place side. Hansen indicated that the cracking was located in both instances.

The possibility that more than 900 students accept MIT's offer of admission is a real one, however, past experience has shown that 55% of admitted applicants will eventually matriculate. A waiting list of 210 has been established at the event that fewer than 900 elect to attend MIT.

In making its final decision, admissions officials took into consideration more than academic qualifications. "Academic records, of course, are significant in estimating if a young person can be successful at MIT," Richardson commented. "But quality also includes maturity, responsibility, social awareness and non-academic achievements in such areas as music, sports, athletics, and other activities."

According to Richardson, a group of selections was sought who represented a variety of backgrounds and interests.

The 1,499 offers extended to students includes 1,146 students from all fifty United States and from Canada, and 33 students from 22 foreign countries. One hundred and sixty four students were offered an "early decision" admission last December.

The 206 women admitted were selected on an equal basis with the male students who were accepted. However, Rich-ardson made it clear that reproductive background and environment in which an individual has been raised, this is a plea- sure that the selection process is such as to have been present for only part of the news confer- ence.

The official definition of the purpose of Course III, as set forth in the catalogue, is: "con- cern with the principal organiza-tional materials which are modern civilization depends... The mechanical, chemical, and physical properties of demanded of materials today, such as nuclear and high, are more sophisticated than the selection, treat- ment, and assembly;...; of mate- rials designed for specific needs."

It is this sophistication that the Department of Metallics and Materials Science hopes to develop in students.

The undergraduate education in metallurgy can best be sum- marized as "a single wide diversity." The educational ob- jective is to introduce the student in the field of metallurgy and metal materials, and then allow the student to select an area of concentration that best fits his personality. This includes catering to the needs of the humanities and to the science minimal degrees as well as those who intend going on to graduate school, and those who are inclined toward engineering and application as well as those who prefer solid state science.

In order to achieve such a goal, curriculum is flexible. Eight courses are required, with the intention of building a solid foundation of physical and engi- neering sciences, concentrating in thermodynamics, and crystal physics. Ongoing projects involve, among 205 of the student's time, is then chosen, enabling the student to achieve concentration in his own field. There are three major areas of concentration," states Professor Carl Fox. "These are Metallurgical Engineering, the separation of waste material from valuable materials through the use of chemical and physical processes, and crystal physics."

The chemical process in separating metals involves the separation of metals and in which consists of the relation- ship of the chemical composition to the physical properties. Of course there are minor fields in which the interested student can take the studies and receive credit.

In addition, the course is offered to the students for the Bachelor of Science de- (Please turn to page 3)
Police Blotter

Police Blotter is a compilation prepared by Campus Patrol to report crimes occurring in the MIT community.

3/19/73

Baker House resident walking friend to McCormick Hall was accosted by five males who pounced and jobbed him while asking for money. When group observed the action of other students, they departed via Mass. Ave. Complainant was not injured. Occurred at 11:45 pm. Two students apprehended in possession of stolen property at 4:50 am.

3/13/73

At 11 am, a piece of camera equipment was lost or stolen from 4-605. The equipment is normally available to students on a loan basis. A Nikkon camera with lenses was last observed on 3/9, on loan from the National Geographic Society. Persons knowing of the whereabouts of the camera are asked to call Prof. Edgerton's lab.

3/14/73

3:30 am, one arrest, recovery of Institute property. Subject previously arrested as trespasser. Apprehended with $1100 unit stolen from a lab in building 56. Patrol observed subject in control room in building 2. Subject appeared to be in a civilized state. Investigation disclosed subject to be a resident of Revere who was previously mined. His brother was contacted, and picked up subject at Campus Patrol headquarters.

3/15/73

At 11 pm, two juvenile subjects were taken into custody. They were in possession of burglary tools and a dangerous weapon. Unable to contact parents, released to Cambridge neighborhood House representative.

3/17/73

Property damage occurred at 12:40 am in building 6. Group of ten youths went through fourth floor glass door windows.

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Free donuts, coffee and cider.

Any activity, group, or organization interested in the above event should submit a written proposal specifying the event and the amount of funding requested. Proposals must be submitted not later than 3/26/73.

THE TECH

WANTED MAY 16

The American Association of University Professors is seeking candidates for the following faculty positions within the AAUP:

1. Member, Institutions for Teachers of Higher Education, Including For-Profit Institutions
2. Member, Institutions for Teachers of Higher Education, Including Nonprofit Institutions

Applicants must either have:
- A PhD in one of the natural sciences;
- Two to three years experience in the use of computers in science research applications, including the equivalent of one year of actual programming experience.

The American Association of University Professors is an equal opportunity employer.

- A willingness to travel one to two days per week.
- To send resume to: B. Dutt, Medical Computer Systems, Inc.

The American Association of University Professors invites candidates to apply for two science faculty positions at the University of California, Berkeley.

The positions are for two scientists, one in the field of chemistry and one in the field of physics. The candidates should have a PhD and be able to teach undergraduate courses in their respective fields.

The American Association of University Professors is an equal opportunity employer.

- A willingness to travel one to two days per week.
- To send resume to: B. Dutt, Medical Computer Systems, Inc.
Course III drawback: "Damn 8-unit courses" (Continued from page 1)

After much criticism within the department, a near complete reorganization of the undergraduate curriculum developed over the summer by a group consisting of both professors and students. "Courses tended to be not very well conditioned and the labs were disorganized," says Professor Russell. After the revamping occurred, however, these faults were corrected; in addition, requirements were changed and research opportunities and facilities were enhanced.

The MIT student's main introduction to Course III comes through the prerequisite 3.091, Introduction to Solid State Chemistry, which is offered as an alternative to the Chemistry/Biology requirement.

3.091 offers the student entirely new material, the chemistry of solids. As a course introduction, 3.091 serves the purpose excellently by covering a broad range of topics to introduce the student to the previously unknown chemistry of solids, the foundations of metallurgy and material science.

These students who graduate with the Bachelor of Science degree have many opportunities open to them, often including acceptance to the Graduate School. These students go directly from the S.B. to their Ph.D. degree. Other students have been known to go into private industry and governmental service.

A student in a Course III laboratory prepares a crystal oven to make a germanium semiconductor.

Photo by Craig K. Reynolds

A professional ABORTION that is safe, legal & inexpensive can be set up by an abortion clinic by calling The Problem Pregnancy Educational Service (215) 722-8360 24 hours - 7 days for professional, confidential & caring help.

A student in a Course III laboratory prepares a crystal oven to make a germanium semiconductor.

Yves Montand and Romy Schneider are

"a fine sexual dance, in which the three move around each other in instinct, until a resolution one can only describe as Galactic."

Gregory McDonald, Boston Globe

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THE TECH TUESDAY, APRIL 3, 1973 PAGE 3

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What do credits have to do with dorms?

By John Kavanagan

In the last issue of one of our other newspapers on campus, Thursday, the student council's new front page was provocatively titled, "Repression: Details Repressed." I found some of the implications to be interesting, especially in light of some of the considerations that are growing every day on the campus, in some way or another, on the quality of the Student Services, in the inconstancy of the services, the Student Services. In other words, it is not. Obviously some students now accept this, and our society seems to be the worse for it. If anything.

Repression: the real story

By John Kavanagan

If you need to know about the non in McConnell, how about writing about the situation in which many students are?; also, a non in Baker, Ms. Gregory? It is true that "per- mission" is a word which is often used by too many people just because of a little "wiggling" here, an attitude which too often means something or the other. In fact, certainly, the structure of this society is such that we don't see that one can suffer through years without ever once being able to have the opportunity to achieve the mean- ing of this situation. But times are changing. The faculty and the administration are increasingly recog- nizing that they have a "full education."

Some students are now upset about proximity to unwanted visitor status. They are almost always supplied an attorney if needed. In the service of its New York District on campus, Thursday, the same should have been obvious that this is not.

Lee Cigler can write a series on page-fail, or I can write one on the budget, and they will appear on column headings. But Dr. Wiesner or Chancellor Pressly may write another column one on this subject.是我国 what the nature of a news release will not门户网站 the attention of the event or a comment discussion.

This is an attempt to get ahead of the news of the case. The student council's assignment for one of our news reporters a little easier. We are going to try to get a lot of young people talking about the issue of student life. without any research at all, it can be stated that the common opinion is that MIT are living with each other without a lot of money. If you know a person who can be taken as a measure of how much credit, you are a rare exception.

In most cases, the common line system of information is not intended to reflect the amount of time a student spends working in the "athletic" system. In order to do this, it is necessary to make a statement that they can serve as a kind of proportional guide to the time-drain.

Perhaps the hour designation of the famous 14 hour lab is really unit designation of many humanities courses is too high by twice, and the twelve units, might be considered to reflect the amount of time a student spends working in the "athletic" system. In order to do this, it is necessary to make a statement that they can serve as a kind of proportional guide to the time-drain.

In this way, the faculty's chance to take the initiative for a change. There is no excuse that "we cannot be pressurized into change by demonstrations in the streets," some- thing which may have occurred to some a few months ago. It is a very likely, certainly major, effective efforts on the part of the faculty. But anyone else who made their last major change four years ago would not be truly proud of a system that cannot be made to work.

And that's how long it has been since IAP was began. In some sense, both the recently adopted IAP and the currently "under- considered" IAP are the same problem. We ask the faculty to consider a change, and the IAP was supposed to provide refuge from the pressures of the term for all students; and we ask the faculty to consider a change, and the MIT students a year more a tolerable transition period than the one before.

But, these changes, the old way of doing things at the Institute were not recognized by the faculty. It is not the faculty who may be more satisfied. But when the MIT students were asked to consider the bankruptcy of the entire system. The CEP and its members are talking about an agenda some months long now right. It seems that you have a lot of people who are told that it is "on the CEP agenda."

Thus, we hesitate to suggest that another group does serve upon that overburdened body. Instead, it might be wise to convene a new faculty committee, preferably with student representation, to consider the entire question of student time commitment and credit hours for various classes. Some systematic method of which would be better than the current chaos.

The volume of knowledge or-...
Dear Mr. Wiesner, President of MIT:

I am writing to you as the President of Wellesley College, to express my views about the MIT-Wellesley exchange. I do so because I feel that I have not had an opportunity to present my views either to you or to the Committee of the MIT-House. My letter to you is the occasion and the context for me to do so.

There is no question that MIT-Wellesley is a unique opportunity for all students concerned. It is also an opportunity to evaluate and develop the educational philosophy both at MIT and Wellesley. The opportunity, however, is not one that is available for all students in both institutions. Furthermore, it is a process that has been rather abrupt and has produced some important problems.

One of the problems is that the MIT-Wellesley exchange is a process in which MIT students are housed in MIT dormitories, but are classified as female students, thereby denying them access to some of the advantages and opportunities that are available to male students. It is important to recognize that the MIT-Wellesley exchange is not merely a housing arrangement, but a process through which the students are expected to learn and grow.

Another problem is the degree to which the MIT-Wellesley exchange is a reflection of the gender issues that are currently being discussed in the context of the MIT-Wellesley exchange. The exchange is not only a process through which students are expected to learn and grow, but it is also a process through which the issues of gender equality are being discussed and debated.

I believe that the MIT-Wellesley exchange is an important opportunity for both MIT and Wellesley, and that it is important to ensure that it is a process through which both institutions can learn and grow, and that it is a process through which the issues of gender equality are being discussed and debated.
The Free Press quoted BU Vice President Claire Cotton: "because the Marines have not yet been able to recruit students here, they will be back." He did not specify a date, however.

BU Police Department Director Victor Lindquist told The Tech that no official spokesman has said the recruiter would return.

Friday, in spite of a court order enjoining anyone from preventing free access to BU property, a crowd estimated at between 150 and 400 people formed a picket line in front of the placement center. No arrests were made.

No students, according to Lindquist, were arrested for blocking the recruiter.

Saturday morning, the day after the demonstration, passed without a hitch. The demonstrators had formed an obstructive picket line in front of the BU placement center. No student was arrested for blocking the recruiter.
I've been typing Master's and PhD's love it). I'd be happy to help you.

The MIT women's crew has been busy preparing for their season opener against Williams and WPI in Worcester on April 14. Photo by Dave Green

ME's - CE's

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THURSDAY MORNING, APRIL 5

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Lacrosse roadtrip: four tough losses

This past week the MIT lacrosse squad made its annual trip to the heartlands of lacrosse - this year to Long Island and Eastern New Jersey. On Wednesday, March 28, MIT met Fairleigh Dickinson (Madison), and the experience of the Tech squad soon displayed itself. FDU jumped to a 7-0 first quarter lead and finished a 14-1 victor. Roy Greenwald '75, who replaced starter Dave Shiang '74 in the goal, had 15 saves as the Devils fired 46 shots on goal to MIT's 12.

The next day the stickmen journeyed to Long Island and to face Hofstra on the Astroturf in what an island paper called "the annual mismatch." Hofstra showed why they're ranked. The inexperience of the Tech squad was plagued by inconsistent defense and a lack of scoring punch on offense. Highlights of the week included the performances of attackman George Braun '75 with five goals and one assist, Larry Pestal '73, who had an excellent job on face-offs and an assist, and Roy Greenwald at goal, with 79 saves. This key to the remainder of the season seems to lie in the development of several sophomores in key positions and in obtaining some consistency from veterans.

Baseball

MIT (V) - defeated Embry Riddle 11-3

Lacrosse

MIT (V) - defeated by Fairleigh Dickinson 14-1

MIT (V) - defeated by Hofstra 24-3

MIT (V) - defeated by NYIT 13-4

MIT (V) - defeated by C.W. Post 17-2

Golf

MIT (V) - beaten by Bowdoin 5-7

MIT (V) - beaten by FIT 2-3

MIT (V) - defeated FIT 5-4

Tennis

MIT (V) - beaten by U. of N. Carolina 9-0

MIT (V) - defeated Pleitzer College 9-0

MIT (V) - beaten by Davidson 9-0

MIT (V) - beaten by No. Carolina 8-1

MIT (V) - raised out at Georgetown

Sailing

MIT (MV) - first in MIT Dinghy Invitational

MIT (MV) - second in Lark Invitational

Against New York Institute of Technology and C.W. Post on Friday and Saturday the MIT squad began to show signs of improvement, but the toll of playing four games in as many days was reflected in the respective scores of 13-4 and 17-2.

Throughout the trip the Tech squad was plagued by inconsistent defense and a lack of scoring punch on offense. Highlights of the week included the performances of attackman George Braun '75 with five goals and one assist, Larry Pestal '73, who had an excellent job on face-offs and an assist, and Roy Greenwald at goal, with 79 saves. This key to the remainder of the season seems to lie in the development of several sophomores in key positions and in obtaining some consistency from veterans.