



THE SCHOOL OF TECHNOLOGY

TECH NEWS

CITY COLLEGE OF NEW YORK

VOL. XV — NO. 1

WEDNESDAY, OCTOBER 4, 1961

222

BY STUDENT FEES

TIIC Loses Prexy; Faces Dark Future

Last Thursday, Sept. 28, the Technology Intersociety Interfraternity Council met for the first time this term. At this meeting future social activities for the school of Technology were planned, some of which are a T-Square Dance, a picnic sometime in October, Basketball League teams, E-Day, and E-Day Ball.

In order to have these activities successful, TIIC needs the cooperation of every student in the school of Technology. Last year when TIIC had the E-Day Ball hardly anyone showed up and TIIC lost a lot of money. If this happens again this year E-Day Ball may have to be discontinued permanently.

Mr. Irwin Brownstein of the Department of Student Life attended the first meeting of TIIC this term. Mr. Brownstein was happy to see the large amount of people that showed up at this meeting. Since all the Technology organizations except three sent representatives to this meeting, Mr. Brownstein took this opportunity to address the council. Mr. Brownstein stated that ever since the end of the war, TIIC has been disintegrat-

ing. He feels that this term will tell whether or not TIIC should dissolve. If there is more participation this term then there has been in the last few years TIIC will remain. Everyone on TIIC hopes that this term will prove the need for TIIC since TIIC is the last remaining link the technology student has with the student government.

At the close of the meeting, the president of TIIC, Ronald Morony, resigned because of academic reasons, and the vice president of TIIC, Judy Goldberg, became the temporary president.

The TIIC is the coordinating body of all the Technology organizations. Even though every technology organization is supposed to send a representative to TIIC, in the last few years, quite a lot of organizations have stopped sending representatives to TIIC. This has hampered the workings of TIIC greatly since any decision reached at the TIIC meetings was made only by the small handful of representatives who attended. This left over half of the technology organizations out of making the final decision.

Club Notes And Others

AIChe will present Dr. Beiber Speaking on "Rocket Fuels." The meeting will be held at 12:30 tomorrow.

There will be a regular scheduled TIIC meeting Thursday at 5:00 P.M. in room 121 Finley.

This Thursday, the IRE and AIEE will be addressed by Professor Mark Zemansky, a member of the CCNY physics department, on the topic, "Negative Temperatures." The lecture will be held at 12:20 PM in S306. After the meeting free literature and IRE book-covers will be distributed to members.

EVENT: Semi-annual Student Government Student-Faculty Tea.

TIME: Friday afternoon, October 6 from 3:00 to 6:00 PM.
PLACE: F131 (Lewisohn Lounge).

Additional information: Men are required to wear jackets and ties; All are invited.

This tea is the first in a series of Friday afternoon student-faculty teas.

The following Student Council vacancies will be filled today, starting at 4:00 PM in room 121 Finley.

Class of '63 — 2 vacancies.

Class of '64 — 1 vacancy.

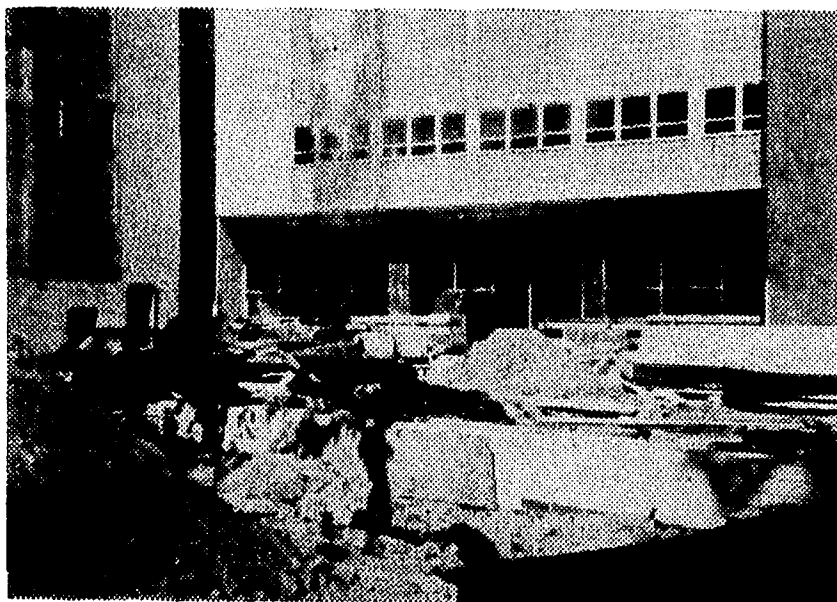
Class of '65 — 3 vacancies

Last week Les Fraidstern was elected to fill a vacancy in the class of '62. Marjory Fields was elected to a vacancy in the class of '64. Marcia Tuchman was elected to fill a vacancy in the class of '65.

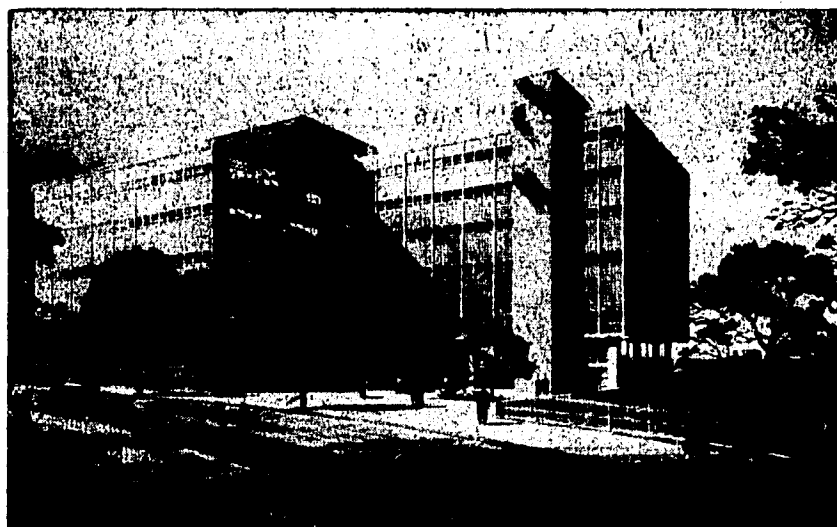
**IF
YOU CAN
READ THIS
THEN READ
TECH NEWS**

Contractor Quits Job No Delay In Opening Is Foreseen

By CARYL SINGER



What They Do . . .



What They Say . . .

Three Computer Lectures Offered This Term

By MARTY MILLMAN

The digital computer is becoming an essential tool of engineering and science. Since the College obtained a Royal LPG-30 digital computer last fall, over four hundred students and faculty members have been taught how to program the machine by Mr. Demos Eitzer of the Electrical Engineering Department.

During the past year Mr. Eitzer offered a few six hour lecture series in which he taught the programming of the LPG-30 computer with the Act III Language. This past summer he taught a special course to a group of students and faculty members which included the same material as the lecture series plus many additional topics. The writing of subroutines, program debugging, machine language programming, relaxation and iteration methods, and the use of the computer for integration, differen-

tiation and statistical data processing were some of the additional topics covered. Each person enrolled in the course was scheduled for two hours of machine operation per week and some very impressive programs were run.

This semester Mr. Eitzer plans to give three six-hour lecture series in Room S 126.

Monday, October 16, 23, 30—2-4 P.M.

Wednesday, October 18, 24, November 1—6-8 P.M.

Thursday, November 30, December 7, 14—2-4 P.M.

The lectures are open to all students and faculty members of the College. No registration is necessary. Those interested in taking the course should plan to attend all three lectures. Faculty members desiring to take the course should call Dean Hyman at Extension 359 for seat reservations.

The construction of the new Technology Building is once again delayed because of contractual difficulties. The Board of Higher Education has declared the Frouge Construction Co. in default of contract. This occurred on Thursday, September 28, 1961.

Thomas Frouge of the Frouge Construction Co. issued the following statement. "The first shutdown of the School of Technology was last April 28th. At that time we cited the Board of Higher Education's indifference to a letter dated April 11th about delinquent payments and claim for work under protest over contract requirements. At the time of the first shutdown the payments from the month of February and the months following totaled \$619,000, and claims totaled \$685,700. We had a suit in court. However, the men returned to work after the Board agreed to the following: 1—pay their back payments, 2—call in an impartial engineer to review compensation claims. 3—set up a meeting for change orders.

We returned to work but we never received a reply about the above consultant engineer. On August 21st, we sent a letter to the Board of Higher Education citing them in default of contract.

Second Walkout

Then on September 8th, counsel by letter notified the Board that because the Board didn't follow the memorandum of May 10th we were going to halt construction. The work on the building is 95% complete. The Frouge Co. has \$350,000 in back payments due them and \$685,000 in claims.

When Dean Allen was interviewed regarding the shutdown he said, "A prime construction contractor and his sub-contractors have left the job. However, the fall of 1962 is still the target date for full scale operations (classes). The building is about 95% completed. The only thing that remains for this company to do is doors, painting, special flooring, etc.

When Dean Hyman, assistant Dean of the School of Technology was asked about this question of default of contract, he replied, "The six prime contractors are general construction, electrical, plumbing, heating, ventilation, elevator and escalator, and laboratory furniture. All but the general contractor are continuing their work.

"The bonding company of the Frouge Construction Co. must start work within twenty days since the time of the declared

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Editorial Policy of TECH NEWS is determined by a majority vote of the Editorial Board

Slide Rule Instruction Offered

Eta Kappa Nu is this year again conducting a class in slide rule instruction. Sol Gems is the chairman and Professor Brenner is the faculty advisor.

Last year's class consisted of one meeting. This same class was given every night of the week for one week so that everyone interested could attend. This year, it is hoped that there will be three or four meetings for each one getting instruction.

The class will probably begin in two weeks but actual dates have not yet been arranged. Notices will be posted on the Eta Kappa Nu bulletin board in Goethal Hall. Notices may also be posted in Shepard Hall. Students taking E. E. 104 are encouraged to take these lessons. Teachers of E. E. 104 will receive notices about the meetings and have their students sign up.

A I Ch E is also offering a slide rule class. It will be taught by Robert Manly and will be conducted Thursdays from 12:00-12:45 for several weeks. An examination in the use of the slide rule is given every term to those students taking Chem. E. 128.

Registration Troubles Hit Techmen

They say registration holds few pitfalls for upper termers, but last week comments like, "I'm in dire distress, Help!" and "Somebody goofed" were being heard in the curricular guidance office. In an attempt to rigidly adhere to the suggested program several students registered for an evening session Chem.E. 128 class. However, the section was canceled when only six students, two from evening session and four from day session showed up. Since Chem.E. 128 is required for graduation in four and a half years, these students were forced to fit it into their morning programs. This meant dropping Chem. 121. But only five students had registered for that section anyway, so it was canceled too.

When it was all over, two out of the four chemistry 121 sections and one Chem.E. 128 section had been canceled. Both 121 sections were scheduled in conflict with courses recommended for the fifth term program.

Professor Schmidt, chairman of the Chem.E. department, pointed out that, whenever only a few sections of each course are available, scheduling is more difficult. Attempts to avoid conflicts in one program may lead to more conflicts in others. He also expressed concern over the fact that no students came to the department office with this problem during registration.

Letters to the editor are always welcome.

TECH LIFE

By MAURICE BLUESTEIN

To keep up a long standing tradition of directing at least a portion of all September columns to entering freshmen, I shall give them the benefits, if there are any, of the opening paragraph. Some of your frosh have come here to get a little learning, other to rule the world, still others to avoid things (like the draft, work sex, etc.). It will soon become evident to you that this is all bunk. You have come to revolt against society: to join the Marxist Discussion Group, to protest Civil Defense drills to go to frat parties in Chatham Square, to watch Caduceus Love Rites, et al. If you pick up a little learning along the way, all well and good. But remember, a little learning is a dangerous thing.

Many people will tell you, frosh, that the important thing is knowledge, not grades. These same people will concede you to be the kind of well-informed guy they would like to see their daughters marrying, and at the same time turn down your grad school application for want of sufficient scholarship. Now is the time to work hard, your first year. Your first year grades and skills will do a good deal of the work in pushing you up there. So far, nothing has come along to replace grades in engineering. This may be sacrilege, but it's a fact of life.

Once past the first year, now we have time for intellectualism. At the risk of being overly-repetitious, I would again like to remind the engineering faculty of the value of adding non-technical subjects to the entire engineering curriculum, in addition to the ChemE. The addition of five credits to the upper class ChemE curriculum has easily proven its worth, if worth can be measured by the students' reactions, which have been overwhelmingly favorable. There can surely be some streamlining done in the subjects of the other engineering branches to allow for this addition. True, the engineering student is given a dose of liberal arts in his humanities, social studies and English courses, but these courses are designed for and usually given to the lower term tech students. I need I say more? These students are by and large not interested in whom Aristophanes was playing with when he wrote "The Frogs," nor in the repercussions thereof. Now take these students as upper termers and throw them in with a pack of squirming, crawling questioning liberal arts students listening to Philo's Iranian blastin' away at Plato's Republic and there is an educated engineer! In deed appreciation comes with maturity.

Liberal Arts can also be the oasis in the desert for the tech upperclassman. There comes a time in every techman's life when words such as "entropy," "yield strength" and "potentiometer" begin seeping in and out of the body through the pores in addition to the ears, which comes time for what some call a change of pace. Liberal arts would be a welcomed digression for the senior engineer.

Speaking for myself, after I receive my engineering degree, I think I'll be going back to school to get an education, right now I'm learning a trade. And I'm not too happy with the trade learning either! Why not electives in engineering? Why be forced to study the same material in many different courses? As a mechanical engineering student, I can cite the example of the heat treatment of steel, covered in detail in no less than four courses!

While still in a complaining mood, leave us serve notice to the higher-ups of City that they will do a good service to an awful lot of hard working students if they can keep the offices, especially the Bursar's Office, open one evening a week. There were a good many students, including yours truly, who had some fee to pay this past summer but could not, due to employment during the day. For me it concerned an EE lab course I was taking in the evening. At mid-term, I was required to pay a laboratory breakage fee for all things, laboratory breakage, in order to continue with the course. When one works until five p.m. and finds the Bursar's Office closes for the day at three, something has to give, and as usual it is the job.

To interject a happy note at this time, I am pleased to report that an ex-TECH LIFE editor, Larry Kowitz, has made it to the altar. If you care to know how married life is treating him, I can only tell you that he still eats his lunch in the North Campus cafeteria.

The news is out that once again our fair institution will witness a political duel, and this time it will be a main event; there will be no sparring partners this time. Mayor Wagner will slug out for real with Attorney-General Lefkowitz in forum on October 19. The intentions of the AAUP and Lock and Key, the co-sponsors of this event, are certainly praiseworthy; however, they seemingly have failed to correct a glaring error of a previous political forum. I refer to the discussion of a year ago between Senator Jacob Javits and Mrs. Eleanor Roosevelt regarding the national election. As this year, it was held in the Grand Ballroom; the room was jammed, the room was rowdy, the room was hot. Many, many students were turned away after a long wait in a long line. Considering the conditions: it's warmer this year than last, there are more students here this year than last, and the big factor that the year the candidates themselves will be here, I would say that it will be in for much more of the same this year.

To make this project as successful as it should be requires, I think, a much larger battlefield, such as Lewisohn Stadium. After all, after you fill the Ballroom with all the faculty, the guards, the ushers, the members of this organization and that organization, the place is half full already; where are you going to put the common folk?

I'm sure there are those who will tell me how distressing

(Continued on Page 3)

Mr. President:

TECH NEWS would like to welcome Dr. Rivlin back to City College. With the passage of time many things have changed. We now have girls and two campuses. Instead of being an individual undergraduate school, we are now part of the City University with doctorate curricula. One thing is still the same though. The principle of free higher education has been upheld. You, Dr. Rivlin, have stated that you will help to maintain it and fight its foes. You have also expressed your pleasure at, once again, associating intimately with students and faculty. We assure you that the pleasure is entirely reciprocal. Welcome back Dr. Rivlin, and may your stay be highly enjoyable.

90-95% Isn't Enough!

Despite the fact that we're getting used to it, it is disturbing to note that work on Seinman Hall has again stopped. It isn't too bad this time since 90%-95% of the contractor's work is completed and the others are still working. We are also assured that the target date for full use of the building is unchanged and that work must be restarted within twenty days of last Thursday.

However, a responsible source termed the contract clause that requires work to be started by the bonding company within twenty days as "not worth a nickel." The bonding company is financially, but not specifically, responsible for completing the work. Since the whole question is in dispute, the bonding company may just sit still, allow the city to let out the work, and then accept the bill if the city wins in court. How long it would take the city to decide on this course of action and then take bids is a moot question.

It is the responsibility of the administration to ascertain what the situation is and to make every effort to have work restarted in enough time for the building to open in September. It would be tragic if the new tech building were to be obsolete before it opened.

Please Don't Fail

For some time now, TIIC, the Technology Inter-fraternity and Inter-society Council, has been having difficulties. All last term the organization was faced with lack of interest and attendance; many meetings were canceled because no one showed up. TIIC's most important project, E-day and its attendant activities, was a flop. This term its president resigned.

Thanks to the efforts of the vice president, Judy Goldberg, last Thursday's meeting had the largest attendance TIIC has seen in a long time. The important thing is that most of those present were not delegates given a job that had to be done, but organization leaders. Mr. Brownstein, TIIC's faculty advisor, took the opportunity to lay the problem of TIIC's future into its collective lap.

Two things are certain: TIIC can never become a north campus student government and should not dissolve. Last

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TECH

Students
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Room 335F
12:00 and 2:

Service Award Is Offered

An award of \$50 and a certificate is made each Fall to a student of the School of Technology for service to the College and the community. This award was established by the Engineering Alumni in memory of Professor Marlies.

Applicants must make their intentions known by reporting in person to Mrs. Herring, room 208, Goethals Hall on or before October 31st. The winning of this award carries with it an honor far more important than any immediate material benefits.

Spring Election Results

The following are the results of some of the elections for Tech organization heads. Unless otherwise specified the first name refers to the president and the second to the vice-president.

TAU BETA PI
Michael Rukin
Louis Weiner
A S M E
Jay Rappoport
Seymour Moskowitz
A S C E
James White
Joel Gorrellick
A I Ch E
Irwin Feuerstein
Bill Solitario
Stanley Sandler
PI TAU SIGMA
Sydney Goldlust
Al Zeisler
ETA KAPPA NU
John Benton
Albert Waxman
EPSILON NU GAMMA
Teddy Bory
Sec'y, Eric Kritz
VECTOR
Editor, Ed Rosenthal
Managing Editor,
Ira Skurnick

Tech Building...

(Continued from Page 1)
default of contract. This clause has been put into all New York City contracts."

Mr. Carroll of American Surety Co. of New York replied the following to our questioning: "The Bonding Co. is financially responsible for the work but not specifically."

When and if the building is completed, the order of moving into the Technology Building will be as follows:

Chemical Engineering Labor-

atories.

Technology Library.

Department and Faculty Offices.

Electrical Engineering Department — mid winter.

Mechanical Engineering Laboratories.

Civil Engineering Laboratories

The possibility that the Chemical Engineering Laboratory would be ready for occupancy by the spring term does not seem probable because of the delay.

Tech Life...

(Continued from Page 2)

is to try to arrange a question-and-answer session as part of the forum in so huge a place as the stadium. It is my opinion the value of this forum lies most deeply in the individual monologues of the guests, since the voting opinions of most of the audience has been permanently set by this time. I think it is a known fact that the majority of the City College student body favors the Democratic Party; this was most certainly evident last year when not only did the Republican Senator receive the majority of the boos and hisses, but also the vast majority of question was directed at him, while Mrs. Roosevelt had a much easier time of it. I would strongly advise Mr. Lefkowitz, who intends to answer questions until the Mayor arrives, to have his tongue mighty sharp for battle on October 19.

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WHO provides the communications channels for America's missile defenses?

WHO is girdling the globe with communications for America's first man into space?

WHO tapped the sun for electric power by inventing the Solar Battery?

WHO used the moon for two-way conversations across the country?

who?

WHO guided Tiros and Echo into accurate orbit?

WHO made your pocket radio possible by inventing the Transistor?

WHO maintains the world's largest, finest industrial research facilities?

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WHO has the UNIVERSAL communications organization?

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JOIN TECH NEWS

Students interested in joining Tech News should come to Room 335F Thursday between 12:00 and 2:00.

TIIC...

(Continued from Page 2)

week's turnout demonstrated that the organization has not yet drowned in a sea of apathy.

We believe that TIIC should reduce its regularly scheduled meetings to one every two weeks. It should concentrate on its constitutional purposes of correlating the activities of its members and representing its members in matters of mutual interest. Coordinating activities does not need the whole council; it can more effectively be handled in committee, and then recommendations merely approved by the council. General representation of the tech organizations to groups like WUS and blood bank is the job of individuals. The executive committee can handle any questions that come up without warning. The most important aspect of bi-weekly meetings is that they would be more attractive to people that have little time outside of their own organization but lots of say inside it. These are the delegates that can get the full support of the tech groups behind TIIC.

And Freshmen Too

By the time this humble publication reaches you, you will already be on the road to orientation. For most of you this will lead into the highway of a full, active school life consisting of studies and extra-curricular activities. Studies must always precede extra-curricular activities in importance. But extra-curricular activities are of vital importance too. They are complementary to studies.

Aside from augmenting the classroom side of education, extra-curricular activities are a heck of a lot of fun and very satisfying. As one gains experience he develops a certain air of confidence and competence.

For whatever reason you choose, do participate in extra-curricular interests. You won't regret it.

SIC FLICS



"I think Professor Armitage will agree with me that our administrative staff is of the highest caliber!"

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