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TECH NEWS

THE SCHOOL OF TECHNOLOGY
CITY COLLEGE OF NEW YORK

VOLUME XII — NUMBER 2

WEDNESDAY, MARCH 2, 1960

222

BY STUDENT FEES

"Damn Yankees" To Be Presented

TIIC Resolution Supports SC Civil Rights Picketing

By Audrey Sherman

Baseball is arriving early at City College this year with the Musical Comedy Society production of the smash Broadway hit "Damn Yankees." The weekend of March 4th and 5th of 1960 is the culmination of four months of time, talent-hunting, and tireless effort on the part of those people whose very essence has gone into this production.

The cast members are no strangers to the mystical and wonderful world of the theatre. Their talents have gone into amateur productions in extra-curricular activities as well as in groups divorced from school functions. The cast, headed by these able performers, includes: Judy Zelin as Lola, Paul Blake as the Devil, Steve Kantor as Joe Hardy, Paul Victor as Joe Boyd, Helen Smolowitz as Meg, and Carol Fox as Gloria.

On the technical side, the M.C.S. may consider itself extremely lucky by having Joe Vilane as director of choreography. Mr. Vilane is a professional theatre man and has had roles in such Broadway productions as "Annie Get Your Gun" starring Ethel Merman, "Oklahoma", and "Bloomer Girl." Mr. Vilane also runs a successful dance studio of his own.

Among the other technical members is Richard Doren, the musical director who last year held the same position for the successful M.C.S. production of "Pajama Game." Former founder and business manager, Sid Gold, is the Producer of this year's show. Aside from his titles, which show evidence of a knowledge of technical production angles, Mr. Gold has also performed on the stage for the M.C.S. and House Plan. Another man, Jerry Richland, who is the set designer, did the art work for last years House Plan Carnival.

President Mike Katz has forecasted a sell-out for his brain child. The curtain of the Taft High School auditorium rises at 8:30 P. M. and in the words of the immortal bard, "All seats reserved." For you slackers who have not yet purchased your tickets, they are presently on sale in Finley Center (that den of iniquity on South Campus for those who are not in the know) on the first floor opposite the check room. Those of you who look towards weekends with woeful glances, due to skimpy money belts, will be happy to note that Friday nights tickets are \$1.10 for balcony and \$1.25 for orchestra and

(Continued on Page 4)

E-Day Notes

The M.E. Dept. is having an organizational meeting on Thursday, March 3. Guides and demonstrators are needed for E-Day. The M.E.'s also need people to work on publicity. This will entail looking for ideas for posters which are to be printed and sent to high schools. Acting as a guide is an excellent opportunity for lower termers to get to know their school better.

All those who are interested will please fill out the following box and either place it in the Tech Bulletin Board or bring it in person to the meeting at 12 noon in S115.

Name
Address
Phone Degree
Class
Type of Work

Tau Beta Pi will hold its annual art contests for students. VECTOR will put on a special exhibit and will distribute back issues of its magazine. The Society of American Military Engineers will once again exert its full energies to provide a wide and varied program of

practical Military Engineering. Under the leadership of Henry Brooks, who was the assistant Chairman last E-Day, the co-ordination of the various projects is now in progress.

Some of these projects are furnished through the special efforts of the Society's faculty advisor, Major Marion I. Guest. They include scale models of bridges now used by the United States Army in combat situations, Bailey, the Timber Trestle, and various floating bridges. Other engineering equipment which will be featured include the Soil Testing and Mechanics apparatus that is used in the Corps of Engineers. An elaborate communications set up in conformity with Military Engineering specifications will also be shown along with infantry weapons organic to an Engineer unit.

There will be a very important organizational meeting of the E-Day, E.E. Dept. group, this coming Friday. All those persons who have already signed up as demonstrators and all those persons who wish to apply must be present at this meeting. It will be held in Room S125. You may come at any hour between 3 P.M. and 6 P.M. at your convenience.

After thirty minutes debate, the Technology Intersociety Interfraternity Council voted to support the Student Council resolution urging picketing of a Woolworth branch store on Saturday, March 5.

The TIIC resolution, virtually a copy of that passed by SC last week, reads as follows:

Vector Goes Into Orbit

The March issue of VECTOR, on sale March 7,8 and 9, will again greet its readers with a full color cover. This cover, depicting the Explorer VII satellite in orbit, inaugurates a series, "Stepping Stones to the Stars," tracing the development of rocketry from the early days of the 20th century to the present. The first article in this series is entitled, "The Early Days." It discusses the scientific contributions of the pioneers in this field. Sketches and technical descriptions of the early rockets are also part of this article written by Ira Skurnick, Secretary of the CCNY chapter of the American Rocket Society.

Also in the field of rocketry is a discussion of the advantages and disadvantages of liquid propellants compared to solid fuels. MHD (no, it's not a disease) is the topic of another VECTOR article written by Arthur Glaser. Mr. Glaser, who wrote about video tape recorders in the January issue, discusses the new and potentially great field of magnetohydrodynamics — what it is, the scientific principles behind it, and its uses now and in the future.

For Civil Engineering students, VECTOR presents a description of a very unique course: C.E. 205, the summer surveying camp. Included in this article by Larry Schindler is a description of a typical project undertaken in the course at Van Cortlandt Park.

For Chemical Engineers, Mike Lazarus, VECTOR circulation manager, reports on wash and wear fabrics.

No VECTOR issue would be complete without an article by VECTOR's answer to Alfred E. Newman: Victor Vector. In the spring a young man's fancy turns to thoughts of love. And Victor, being a typical young City College man, is no exception. However, his methods for choosing and rating girls on a scientific basis is certainly far from typical. In his satire, entitled Femidynamics, Victor tells all about his methods of analyzing girls.

In addition to these fine feature articles, VECTOR contains its usual departments: faculty profiles, industrial highlights, Vector volts, stolen stuff, and the once a year Dean's page.

Co-Editor Steve Shepard anticipates a sale that will break

(Continued on Page 4)

"Whereas: The protest movement to end discrimination at lunch counters has spread throughout the South, we feel it is imperative that students in other parts of the country support the actions taken by their fellow students in the South.

"As students, we are concerned that all students everywhere be guaranteed their full individual rights. We further feel that discrimination against students anywhere in the country affects us, as students. Furthermore, we feel that support from other sections of the country for those young people now demonstrating in the South will increase the total pressure on

stores which persist in maintaining discriminatory practices; thus, it will substantially aid the struggle in the South and insure its victory.

"Therefore, be it resolved that TIIC urge Tech students to participate, together with students of other New York campuses, in a picket line on Saturday, March 5, from 12 noon to 3 p.m."

The debate opposing this resolution centered on two main issues. It was argued, first, that this matter was outside the province of TIIC, and therefore should not be considered by that body, and second, that the right of students who didn't agree with the exertion of economic pressure on these stores should not be infringed by TIIC action. The proponents of the measure pointed out that support by Tech students of a Student Government action, especially in a field such as this which affects students so intimately, is certainly within the province of TIIC to discuss, and in fact, because of its importance should be discussed. As for the second point, the resolution merely urged Tech students to support the SC action, but in no way compels engineers to participate. The resolution was carried by a large margin.

The action taken was in sharp contrast to the second meeting of last semester, in which a request for co-operation by the CCNY Committee for a Sane Nuclear Policy was denied without debate by TIIC because of its "political" nature. The political issue was again raised during the discussion of the resolution just passed, but was quickly disposed of. Debate on the issue was extensive.

Bill Lensch, spokesman for the Civil Liberties Committee of Student Council, answered questions pertaining to the actions SC was planning to take in this matter. He explained that this was to be a peaceful picket, with no attempt being made to prevent people from entering the store. The purpose of the picketing will be to publicise student support for the action taken by Southern students who staged strikes in several Southern department stores refusing lunch counter service to Negroes.

The TIIC resolution does not set up a Technology strike, but merely urges support for the picketing to be carried on by Student Government. The picketing will be in front of the 34th Street Woolworth's, across the street from Macy's, and will last from 12 to 3 p.m. Saturday, March 5.

E-Day Ball Set For April 2

The planning of the forthcoming E-Day Ball commenced last week when an appointed committee, headed by Gail Weiss began to consider ideas concerning the ball.

The ball will be held on April 2, in the Grand Ballroom. The tickets which will soon be on sale will sell for three dollars a couple. Tickets should be purchased early and please contact Gail Weiss 335F if you



GAIL WEISS,
E-Day Ball Chairman

would like special table reservations for groups.

A special feature of the ball will be the crowing of the Miss E-Day. Applications for Miss E-day will soon be available, so make sure to secure a few for your girl friends. Wouldn't it be nice to be the escort of Miss E-Day. Pick up the applications at the TECH NEWS office, 335 Finley.

There will be music, entertainment, food, and atmosphere. Some ideas for the ball have already been presented (see Tech Life column) but we could use any suggestions or help, so please contact us if you can participate in any way.



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Picket

Many hoorahs are in order for the Student Council. The members have gotten together and solidly backed a proposal to picket the F. W. Woolworth branch store at 34th Street in support of the Southern students fight against discriminatory practices. In doing so, the College once more has distinguished itself as a leader in the quest of civil freedom.

Our school's system is based on this very fact of equal opportunity. Rich or poor, white or black; anyone of necessary scholarship rank has can obtain a free, liberal education at the College. Many notable graduates have said that were it not for the free education at our school, they could never have gone to college. To enable equal opportunity to continue, it is most important that we make sure that everyone in our country has equal rights as guaranteed by our constitution.

The problem of integration has stayed South up until now. We here in the North have not had an opportunity to do anything about it until now.

The success of this mission rests with our students, so be there on Saturday afternoon, March 5. Let's show President Gallagher that we are hardly "indifferent" towards integration.

TIIC

We would like to congratulate The Technology Interfraternity Intersociety Council on their action in supporting Student Council's resolution urging picketing of a Woolworth branch store on March 5.

However, there seems to be a reluctance on the part of Tech students to discuss anything of a political or humanistic nature. There are representatives on Council who felt that this is outside the jurisdiction of Council. Last term the SANE letter was thrown out of Council as being too controversial and political. The Medico program has fallen by the wayside. There were reps who didn't want to discuss the resolution to stand by the Negro students in the South.

Some students are under the misapprehension that anything that is said at Council meetings is to go down on permanent records. Any intelligent person who thinks about this point for a moment realizes that the only thing that is recorded is the fact that he is a representative.

We fail to see how anything of this nature is outside the jurisdiction of a body such as TIIC. Are the organizations represented made up of people or machines?

Students

A school newspaper, like our government, is composed of the students, by the students and for the students. It requires more than just the reporting of news and editorial opinion to function adequately; it must feel the pulse of the student body.

To make TECH NEWS the voice of the student body, it is important that we know the students' opinion on current topics, and what the students think of the many organizations and activities on campus, including this newspaper. We urge all students to write in as often as possible telling us their thoughts on any matter of interest to them. If you have a gripe telling your pal over lunch won't help, but telling us will.

Letters To The Editor

Feb. 27, 1960

To TIIC:

On behalf of the Student Government Civil Liberties Committee, I would like to express my appreciation for your passing the resolution supporting S.G.'s stand on civil rights and the action taken by the Civil Liberties Committee.

The debate that was going on when I entered the Council's meeting room last night convinced me that other engineers are as interested in other things as I am. I sincerely hope that this interest will continue in the future. I must say that the very objections that were raised last night made me realize that engineers do, after all, think about things other than slide rules. Again I say, on behalf of the committee, THANKS.

Sincerely,
Bill Lentsch
Civil Liberties Committee

Hillel Seminar

Did you miss some of your friends during the Washington Birthday weekend? Well, they must have joined 75 other CCNY Hillel members on the Hillel overnight seminar. Among those missing from your group and joining in on the fun and excitement were the following Tech students: Eli Berlinger, E.E.; Elliot Cohen, Ch.E.; Myron Danzig, E.E.; Virginia Efros, E.E. (It's a girl!); Irwin Feifer, C.E.; Donald Greer, Ch.E.; Al Kustanowitz, Ch.E.; Kenny Laude, E.E.; Mel Pell, Ch.E.; Richie Rosner, E.E.; and, last but not least, Irving Schlenger, Ch.E.

There were two buses that took the lively crowd to Weiss Farm in South Branch, New Jersey. The seminar was under the direction of Director Rabbi A. J. Zuckerman and Assistant Director Avish Dworkin. Judy Zuckerman, as president of the seminar, did a wonderful job.

Included in the two day program were four sessions on "Social Ethics in Judaism." Outdoor sports (Have you ever tried to play volleyball in a swamp?), dancing, and creative workshops in drama and musical comedy kept the students quite busy.

It was a weary, but happy crowd that was homeward bound Monday evening.

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For more information write to:
American Student Information Service, Jahnstr. 56a, Frankfurt/Main, Germany.

An Engineer

Verily, I say unto thee, marry not an engineer
For an engineer is a strange being, possessed of many devils;
Yea, he speaketh eternally in parables, which he calleth "formulas,"
And he wieldeth a big stick which he calleth a slide rule,
And he hath but one Bible — a handbook.

He talketh always of stresses and strains, and without end of Thermo.
He sheweth always a serious aspect and seemeth not to know how to smile;
And he picketh his seat in the car by the springs therein and not by the damsel beside him;
Neither does he know a waterfall except for its power,
Nor the sunset except for her specific heat.

Always he carrieth his books with him, and he entertaineth his maiden with steam tables.
Verily, though his damsel expecteth chocolates, when he calleth he opens a package to disclose samples of iron
Yea, he holdeth his damsel's hand, but only to measure the friction,
And he kisses but to test viscosity,
For in his eyes shineth a far-away look which is neither love nor longing —
But a vain attempt to recall a formula.

There is but one key dear to his heart, and that is the Tau Beta Pi key;
And one love letter for which he yearneth and that an "A";
And when to his damsel he writteth of love and signeth with crosses,
Mistake not the symbols for kisses but for unknown quantities.

Even as a young boy he pulleth a girl's hair to test its elasticity,
But as a man he discovereth different devices;
For he would count the vibrations of her heart strings and reckon her strength of materials;
For he seeketh ever to pursue scientific investigations,
To inscribeth his passion in a formula
And his marriage in simultaneous equations, involving two unknowns and yielding diverse answers.

— Reprinted from the March 1943 COUNCIL BULLETIN

Tech Enrollment

This February the number of students that were enrolled in the School of Technology dropped to 2264, a drop of 232, as compared with the Feb. 1959 registration of 2496. Mr. Lokkins of the registrars office told TECH NEWS that 26.4% of those engineering students who registered in September, 1959 withdrew from engineering this February.

Of these 9% transferred to the college of Liberal Arts and Science, 1.1% went downtown to the Baruch School, 7.4% graduated, and 3.8% were dismissed for reasons of average or probation.

The Electrical Engineering Department still leads the technology school enrollment with 1107 students, which is almost one-half of the tech school enrollment. The Mechanical Engineering Department is second in enrollment, while the Ch.E.'s are third, with the C.E.'s bringing up the rear.

One interesting fact given out by the registrars office is that where there were 32 females in the tech school last year at this time only 28 remain now.

The registration tallies are given below:

	FRESHMAN			
	ChE	CE	EE	ME
1959	153	83	321	139
1960	141	79	339	105
	SOPHOMORES			
	ChE	CE	EE	ME
1959	94	64	267	120
1960	88	50	242	91
	JUNIORS			
	ChE	CE	EE	ME
1959	98	98	266	138
1960	59	63	263	114
	SENIORS			
	ChE	CE	EE	ME
1959	99	109	305	142
1960	120	103	263	154

Is there a career for you in the Bell Telephone System?

Many C.C.N.Y. graduates have found stimulating, rewarding careers in the Bell System. Perhaps you will, too. If you are working for an Engineering or Physical Science degree, you are invited to meet with representatives of the companies listed below to discuss opportunities in the telephone industry. The dates are March 7 and 8, 1960.

SEE YOUR PLACEMENT DIRECTOR NOW FOR AN APPOINTMENT.

The following companies will be represented:

NEW YORK TELEPHONE COMPANY—engineering, operations, planning and maintenance of telephones and other communications facilities.

BELL TELEPHONE LABORATORIES—research and development in electrical communications, systems engineering to create facilities for new telephone services, National defense projects.

WESTERN ELECTRIC CO.—manufacturing, purchasing, installation, distribution and field engineering. Development and design. National defense projects.

WESTERN ELECTRIC FIELD ENGINEERING FORCE—Field engineering and liaison between the Western Electric Company and the armed services in connection with radar and electronic construction systems.

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TECH LIFE

By MARTY MILDEN

This week's column is going to be printed very lightly so that censors will not notice the lewd comments and dirty jokes. If you're interested. Read on then:

Gail Weiss has been chosen to run the E-Day ball. Gail will be permitted to enter the Miss E-Day contest. If she should there would be all kinds of . . . well you all can understand, 't you? Incidentally, Gail could use some help in planning and nning the Ball. So, let's go boys. Ideas already discarded for the me of the Ball were rather novel, but due to the non-liberal out- k of educators and professors in general we will not hold the posed Roman Orgy. Well, anyhow, we had planned to hold at the side of the Wingate swimming pool with couches pro- ed for lounging, grapes for refreshments (fermented of course), being girls, and all that jazz. Too bad.

If you've got some better idea that is useable please let me r from you.

WS

The E-Day program will be printed in a special issue of TECH WS.

Applications for the Miss E-Day contest will be available in out a week at the obscure office of TECH NEWS, room 335F. If 're very lucky and should happen to bump into Gail Weiss 'll have applications with her. You can start looking over your friends, wives, and mistresses for possible contest material.

AICHE will hold a panel discussion on employment oppor- tunities in the chemical industry. It will be held in Harris Audi- um, March 3, at 12:30. The speakers will be James Gilliland of us. Pfizer, Frank Hoshmall of the Ralph M. Parsons Co., Warren ssler of the Swenson Evaporator Co., and Dr. Arthur Weber of International Process Equipment Co.

Chi Epsilon, the honorary Civil Engineering fraternity, will d its first eligible meeting March 2 and interviews March 3 and 8. Epsilon Nu Gamma, the social fraternity for engineers, will d its semi-annual smoker on Friday, March 4, at 8:30 p.m. All men are invited to ENG's hbase at 19 Hamilton Terrace opsite the new Tech building).

This year House Plan's Carnival Queen Ball will be held on urday evening, March 19, in the Grand Ballroom of the Hotel osevelt. Finalists for the title of Carnival Queen will be selected re. Tickets for the ball are five dollars and can be purchased room 317F.

"Damn Yankees" will be presented by the Musical Comedy iety on Friday and Saturday evenings, March 4 and 5 at eight ty in the auditorium of William Howard Taft High School 2 St. and Sheridan Ave., the Bronx), tickets, at \$1.10 and \$1.25 Friday's performance and \$1.25 and \$1.50 for Saturday's, are on opposite Room 152 F or they can be picked up at the door.

TO GOOFED?

A sign seen on the AEPi table stated "Join the Largest Fra- nity on Campus." Since the F.T.C. (Fraternity Truth Commission) uires all advertising to be truthful, AEPi is guilty of mis- representing the facts. The punishment for the crime of course ould be fitting so it has been decreed by the powers that be that Pi men shall eat soggy pretzels with their beer. Just to clear up facts about the largest fraternity, TECH NEWS has dug up the l truth, which shows that TEP with sixty-five members is really er than AEPi with sixty-three. No one seems to argue the fact t Phi Lambda Delta is the smallest fraternity on campus.

ELLESS FACTS DEPARTMENT

Mittens are warmer than gloves. TECH NEWS has a photogra- r. The Calso refinery is on the Arthur Kill River. The turn als on the average American car blink once a second. The son a Roman Senator was not allowed to marry an actress or a ed-woman. The elevators that go above the 82nd floor in the pire State Building don't go by floors but rather by their posi- in feet above sea level. You can only bring 1000 cigarettes into nce duty free.

ELLESS QUESTIONS

One of the staff of TECH NEWS has been plaguing everyone meets with this question: Who was the general that headed First Army when Patton headed the Third Army. We seem to w that he was appointed by Omar Bradley. No prize will be red for the correct solution, but please let us know who the eral was.

This coming Thursday, March 3, 1960, the student chapter of CE will present the following speakers:

Joseph S. Ward — Regional member, Committee on student pters; Otto W. Moutsch — Junior contact member; Otis D. Gonty assistant to the secretary of ASCE.

The topic of discussion will be the organization of student pters and professional development of the civil engineers.

The meeting will take place in H106. Members and non- members are urged and invited to attend the meeting.

Prof. Walsh Discusses Radar Improvements

By PHILIP GREENBERG

On Thursday, February 25, 1960, Professor Walsh of Colum- bia's Radar Laboratory spoke to a large audience of the AIEE- IRE student chapter on the prin- ciples of radar. Radio detection and ranging (radar for short), Professor Walsh pointed out is now being plagued by the noise level in the received radar beam which sometimes is larger than the radar beam in strength and completely covers or cuts out the beam.

Separating radar systems into surveillance and tracking types, Prof. Walsh devoted the re- maining time of his talk to the tracking type of radar. Noting that one radar beam has an error of from two to three miles, he told of a new development in radar antennas by which one antenna can send two radar beams alternately and therefore reduce the error to 0.3 miles. Mr. Walsh told the assembled audience that if an airplane has propellers, the propellers might conceivably also reflect the radar beam, and possibly this reflected beam may interfere with the beam reflected from the airplane body to give a net signal arriving at the receiving antenna of zero strength. This problem he said has been re- duced by the development of a new type of radar antenna in which there are two simul- taneous radar beams transmit- ted by a single antenna and the distance of the tracked object to the radar transmitter is measured by the phase differ- ence in the received signals. This new type of radar is known as phase difference load- ing radar or simply phase-mono- pulse radar.

Professor Walsh told of one of the new Doppler radar tech- niques which operates on the well known Doppler effect of Physics seven fame. In this radar the speed of the plane is determined by the difference in frequency of the transmitted and the received radar signal.

Mr. Walsh also spoke of the trouble that comes during a solar storm. In answer to a question from the audience he said that during a magnetic storm on the sun the sun emits various solar radiations, which when passing by the earth gets caught in the earth's dipole magnetic field, and causes the famed colorful Aurora Borealis which completely ruins all low frequency radar reception. Closing his lecture Prof. Walsh spoke of some of the counter measures that have been de- veloped against radar. One counter measure is to coat a plane or a missile with a coating,

which has the same impedance of space thereby absorbing the incident radar wave without re- flecting it and allowing the missile to travel on undetected to its target.

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Training programs, types of engineering assignments, job locations and all your questions will be discussed.

Applications will be accepted AT THESE MEETINGS ONLY for General Electric's March 23 & 24 campus interviews.

Placement Office has further details.

GENERAL ELECTRIC

S.G. Changes

By GRETA DURST

Election of new Student Government members, the presentation of an executive report for re-organization of Student Government, and two showings of Fidelio highlights were the most recent SG activities.

Eight vacancies in the Student Council were filled by: Robert John Bisnoff, Gus Bennett, Bernie Wittlieb, Class '60; Herb Dooskin, Ed Beiser, Class '62; and Florence Dorenbusch and Ruth Dorenbusch, Class '63. The new members of Council were nominated on February 10, and elected to office on February 17.

The Beethoven opera, Fidelio, was performed in German from eight to ten o'clock Tuesday evening, March 1st, there will be an additional performance this afternoon at 3 o'clock in Harris Auditorium. Admission is free.

The Executive Committee of the Student Government issued a special report which included recommendations for the re-organization of SG. President Dave Bernheim stated in the report, "Never in the history of the organization has the prestige of SG among student and faculty alike been at a lower level." President Bernheim also stated that the SG has passed many resolutions

that were impossible to enforce. He felt that these resolutions should be eliminated.

Karen Davis, Secretary, recommended a plan to improve the efficiency of the agencies. Her plan includes the initiation of programs and activities where none have existed, and to aid those agencies already existing to obtain a maximum degree of efficiency. The plan would include a Social Functions Agency, an Elections Agency, and a Student Agency for Cultural and International Activities. Jerry Pitkowsky, Vice President, recommended that an Executive Agency decide the official policy of SG. There will be additional proposals for re-organization at subsequent meetings of SG.

President Gallagher has set up a committee to study the plans for re-organization. SG Treasurer Irwin Pronin, commenting on the impending re-organization, said, "I doubt whether it is advisable to go ahead with the plans for re-organizing SG when a report from President Gallagher is forthcoming on that very subject."

Vector Preview

(Continued from Page 1)

the record set by the outstanding January issue. The price is still a quarter and the selling dates are Mon., Tues., and Wed., March 7, 8 and 9. The issue will be sold only on North Campus.

VECTOR will be one of the many engineering groups participating in E-day on April 2, 1960. There will be a display showing how the magazine is put together. Starting with the original manuscript and going to the finished magazine all publication details will be explained. In addition, back copies of VECTOR will be distributed to high school students and all other guests. Other VECTOR facilities, including VECTOR's library of other college engineering magazines, will be explained.

Also, Steve Shepard and Ira Glickstein will present the awards of E-day for VECTOR's first technical writing contest for high school students.

B.S. In Engineering

Did you know that it is possible to get a good background in engineering and technical courses and graduate with a Bachelor of Science degree? Checking through the Bulletin of the College of the Liberal Arts and Sciences, we found out that it is possible.

A student enrolled in the college of Liberal Arts and Science is required to take a total of 128 credits for graduation. Sixty-four of these credits are called the "common core" which is required for all degrees. A second group of subjects consisting of the social sciences and history includes from 12 to 24 credits. Then a student can choose 24 credits (for a B.S. degree) in a concentration group. All the other credits needed to make 128 credits are free electives. The prescribed courses in the "common core" group are very similar to the pre-engineering curriculum. Therefore, a student can take many technical and

engineering courses without any additional preparation. Approximately thirty credits can be accounted for in the concentration and free electives groups. From this a student can take as his concentration besides his engineering courses. Thirty-eight engineering courses are listed in the Bulletin on the college of Liberal Arts and Science creditable a degree.

Many more occupations can be available to a graduate with a B.S. degree if he has a background in technical subjects.

Show Time!

(Continued from Page 1)

on Saturday night \$1.25 for balcony and \$1.50 for orchestra. Traveling to the play is uncomplicated and one needs only hop on a "D" train to the 177th St. Bronx stop. The theatre is located on the 172nd St. at Sheridan Ave. one block east of the Grand Concourse.

ENGINEERS - SCIENTISTS

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- Human Engineering

Please contact your Placement Director to arrange an interview on campus.

Campus Interviews Thursday, March 3

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A brochure more fully describing MITRE and its activities is available upon request.

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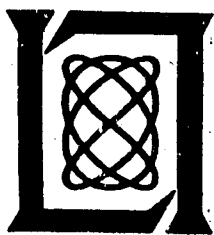
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