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HNEW

CITY COLLEGE OFNE W

VOL. XIII - NO. 4

WEDNESDAY, NOVEMBER 16, 1960

BY STUDENT FEES

We Are **Accredited**

why some of your examinations have been kept by your teacher? The reason for this is an accreditation program which the Engineering School of City College is a member.

This program first began in 1932 when national societies of engineering in the United States and Canada saw a place for joint action to strengthen the profession. This program includes inception and accreditation of the engineering curricula in various schools. Engineers Council for Profesional Development (ECPD) was formed and represents eight bodies:

- 1. American Institute of Chemical Engineers
- 2. American Society of Civil Engineers
- 3. American Institute of Mining & Metallugical Engineers
- 4. American Institute of Electrical Engineers
- 5. American Society for Engineering Education



- 6. Educational Engineers of
- Canada
- 7. American Society of Mechanical Engineers

Despite rumors that another

engineering department is to

add liberal arts electives to its

curriculum, there is no indica-

tion that this will actually oc-

cur in the future. Professor

Taub, chairman of the E.E. de-

partment, said that "We have

no confirmed plans but our cur-

criculum is under constant s.t u.d y." Similarly, Professor

Hartman, chairman of the C.E.

Dept. claimed, "The question is

still under constant study." The

M.E. Dept. is currently conduct-

ing an extensive curriculum

study that is scheduled for com-

pletion a month from now. The

départment head, Professor

Liberal Arts?

Answer Is No!

By MEL PELL

Have you been wondering 8. National Council of State Board of Engineering.

> In 1935-1936 this council, ECPD, offered its service to engineering colleges as an accreditation body of undergraduate engineering curricula (nationwide). Prior to this no national accreditation in engineering was available. By 1953 City College's curriculum in the Engineering School was accredited in both day and evening.

The purpose of this program is to identify those institutions which offer professional curricula worthy of recognition as to quality and quantity of curriculum, and the extent to which curricula develops the distinguishing quality of engineers the ability to design.

The end of determing this is:

- 1. qualification of faculty 2. standard and quality of in-
- struction
- 3. progression of courses
- 4. ability of the students
- 5. records of graduates in practice and graduate studies.

The board visits every five years and consists of one person from each branch of the engineering school and a chairman. This year the team will visit in February, 1961. They will inspect the non-technical parts of the curriculum as well as the technical.

In addition to ECPD and curriculum is accredited by the Middle States Association and State Educational Board. The colleges in this program are not rated in comparison with others; just as long as they meet the minimum requirements of the board.

MSA and SED accredit the entire college, not just the school of engineering. Their visitation is on a ten-year schedule; the last visit was in 1955.

Dean Allan commented: accreditation is the means of aiding institutions in self-appraisal only."

Guerdan, says, "It is probable

that when we finish we will

have one of the strongest M.E.

courses in the country." How-

ever, he could not give any in-

dication of whether or not cred-

its will be devoted to liberal

Since Chem. E. students start-

ed taking liberal arts electives,

certain members of the faculty

have expressed deep concern

over the choices students have

made when taking these elec-

tives. One of the problems be-

chemical engineering students

(Continued on Page 2)

arts electives.

The Board of Estimate has okayed further appropriations for the new School of Technology Building. The sum of \$1,000,000 has been allocated for the movement of existing equipment and the installation of new equipment. School sources are hoping for an additional \$900,000 to \$1,00,000 for the completion of the equipping operation.

Ye Olde Bloode Banke

By MELVYN PELL

Most students by now realize that the semi-annual blood drive is on, but few know much about it or the way it is carried out at City College. They either give blood with the knowledge that it will be put to use in the fight for some person's life or else stay as far away from anything that has to do with blood.

Most of us know that the American Red Cross collects the blood, but how many of us know that every pint of blood collected at the City College is deposited in the City College Blood Bank. Withdrawals are then made from the bank for the rest of the term. Any City College student or employee can request blood from the bank and receive it without cost. Not only can blood or blood derivatives be obtained for himself but for any member of his immediate family, parents, brothers, and sisters. To release blood from the blood bank, a student merely makes a call to the Department of Student Life and informs them of his situation. The D.S.L. then notifies the Red Cross and the blood is released and debited to our account. Unfortunately, due to insufficient donations, large requests for blood cannot always be completely filled.

How about the blood drive on our campus? Who arranges for publicity, mans the registration booths, and helps with collections? The City College Blood Bank Council delegates these duties. It is composed of about a dozen campus organizations such as IFC, TIIC, APO, GSS, Hillel, Christian Association, Webb Patrol, and others. The Blood Bank Council is the executive committee of the blood drive and handles liaison between the A.R.C., the student body, and the Department of Student Life.

Confusion exists as to what giving blood is like. There are certain facts that should be recognized.

- 1) It is NOT terribly painful. The feeling approximates a shot being given by a doctor.
- ing discussed is whether or not 2) There are no dangerous after affects. You give blood and are actually benefiting from (Continued on Page 2)

E.E.'s Honor:

Sadie Silverstein Day

By PHILIP GREENBERG

Today, November 16, the Brothers of Eta Kappa Nu (the Electrical Engineer Honor Society) and the students of the AIEE-IRE will honor Miss Sadie Silverstein with a tea in her honor in Finley 424 at 5:30 at which all students are invited. Miss Silverstein is currently finishing her 25th year

here at the College.

Affectionately known to the students of the E.E. department as Sadie, Miss Silverstein playfully noted that "it is getting noticable that the instructors are getting much younger." Asked about the students she has seen she told us that the students in the E.E. department are cyclic. Sometimes for four years the class will just be a class and then in the next four the student class will sparkle. Miss Silverstein noted that she thought the present senior class is one of the best that she has ever seen in knowledge and "hand-

Miss Silverstein has traveled a lot, visiting Europe twice, Mexico, and Washington. Last year she visited Puerto Rico and the Virgin Islands.

Living in Brooklyn, Sadie has traveled the New York subway system for the past 25 years and is 'not complaining. She likes music and art but "doesn't understand electrical engineering, yet."

Her name is in four books which are well known to the electrical engineering students. She also has her name in a Japanese copy of Pulse and Digital circuits by Millman and Taub. This volume she pointed out is interesting because, besides using the original diagrams interspiced with the Japanese translation, are English words like bootstrap sweep, Ebb, and Phasotron.

Reminiscing about when she first came to the College she said that then the whole technology school had as many teachers as now teach in the

(Continued on Page 2)

T.I.I.C.ers Go A.W.O.L.

Recently it appeared that The Tecnology Intersociety Interfraternity Council, along with the efforts of Br. Brownstein and the slightly increased co-operation of its members, was about to get some place. However this situation is reversed since last Thursday (Nov. 10th) when the meeting that had been scheduled did not take place. The reason for this was a lack of members present to constitute a quorum. Previously Tech News has not put into print the names of those organizations at fault, however at the request ofofficers of T.I.I.C., the following organizations did not attend: A.M.F., A.R.S., E.N.G., Phi Tau Sigma, S.P.O., Tau Beta Pi and

Mr. Brownstein has informed T.I.I.C. that he is using Knittle Lounge on the North Campus for his temporary office. He can be located there on Mondays from 1-5 P.M. and on Fridays from 9 A.M.-1 P.M. If your organization is having difficulty he will be glad to discuss your situation and try to find a solu-

The first step is being taken to improve the decoration of Knittle Lounge. Mr. Brownstein has suggested that the walls in the lounge be decorated with the emblems of the organizations belonging to T.I.I.C. Plans are now being made to have the

(Continued from Page 3)

Vector

By STEVE MAYBAR

On November 7th Vector came out with its first Fall '61 issue. This issue which tended to concentrate on topics dealing with missiles and the space exploration problem was very well written and edited. The magazine is fairly accurate and concise in its presentation of the subject material.

Aerodynamic Heating and the Re-entry Problem was the first article in this issue of Vector. In this article the sources of heat generation were traced from theory all the way down to practice as applied to missiles. This article was complete with graphs which helped to explain points made in the article. The article went on to tell of some of the solutions that have been found to aid in the reduction of

generated heat on the surface of a reentry vehicle. The article concluded with a discussion of areas of present research in the problem of heat generation.

The second article in this issue was entitled Space Communications. The author traced the problem of communications from the present time to the extrapolated future. At the rate that communications requirements are expanding it seems that before long the need will outstrip the present faculty capabilities. Scientists have taken to the skies and are preparing to use passive and active satellites in their struggles to beat the problem posed by the growing need for communications.

The third articles in the edi-, (Continued from Page 3)

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Democracy?

Microcosm (the City College yearbook) is instituting a new format this year. They expect to make almost a complete overhaul of the style that has been used for past yearbooks. One extreme change will be the insertion of pictures of entire organizations in a supplement. This supplement will contain group photographs that were in the main yearbook for many preceding years. Instead, the new Microcosm will contain shots of groups and organizations in actionplaced in random fashion at designated pages.

We feel that this new type format is less suitable for a yearbook than the old style. We are not conservative about any new changes in a school publication, but we feel that any general change in a publication that does cost the students a certain amount of money should have the backing of the students concerned. The yearbook will be one of the last remnants of your stay at City College and it should be something you would like to thumb through years after

Only a few hand-picked teachers will have their pictures in the yearbook this year. Yet, one of the new changes will be messages from important leaders in the world today. When we look through our yearbooks in a few years these words of wisdom will mean very little. Yet, pictures of some of our professors of old will surely bring back memories.

It is not our intention to, in any way, prevent the staff of Microcosm in doing what they think is best. But we do feel that in some way, the staff of the yearbook should present their changes to some group who will act as the voice of the Senior Class or to the Student Government.

Chem. E. Honors?

We have been wondering why there is no Honor Fratternity specifically designed for chemical engineers. Eta Kappa Nu is the electrical engineering honor society; Pi Tau Sigma is the mechanical engineering honor society; Chi Epsilon is the civil engineering honor society; and Tau Beta Pi is for all eligible engineering students. Yet, the chemical engineers have not instituted a honor society at City College and it appears, are only eligible for Tau Beta Pi.

C.E.'s & M.E.'s?

TECH NEWS is the engineering newspaper and it deserves the support of all the branches of engineering. Yet, year after year only chemical and electrical engineers seem to be interested in joining our ranks. Thus, much of the news from other branches of engineering is incomplete. We appeal to those interested CE's and ME's to come to 335 Finley. We also would appreciate it if the engineering chapters would write up reviews of their guest speakers' topic and make them applicable to other engineers through TECH NEWS.

Tech Student Attains 97.6 Average

George Papadopoulus has a 97.64% average. Do you think he's smart? Well, listen to his story and judge for yourself.

George is an exchange student from Greece. He came here through the Anglo-American Helenic Bureau of Education. 'This bureau's purpose is to bring high school students from Greece to the United States with the understanding that they will return after completion of their studies. He has his own room with other Greek exchange students, in the same building. "Papas" saves his money by working weekends, vacation, and summers as a waiter.

When he comes home from school he occupies himself with homework for about four to five hours. He puts about 30 to 35 hours a week. When studying for a test, he spends about 4-5 hours going over the theory and the problems. If time permits, he studies Philosophy by him-

Papadopoulus, as he is called by classmates, wants to take a combined masters in Engineering and Science. He loves mathematics and physics and believes in combining theoretical and practical fields. Before leaving the U.S. he will go for a degree in Economics. His rea-



son for this is that he feels that you might not be satisfied to occupy yourself with the same thing. He stated, "I want to take part in my country's political life and work for a better tomorrow."

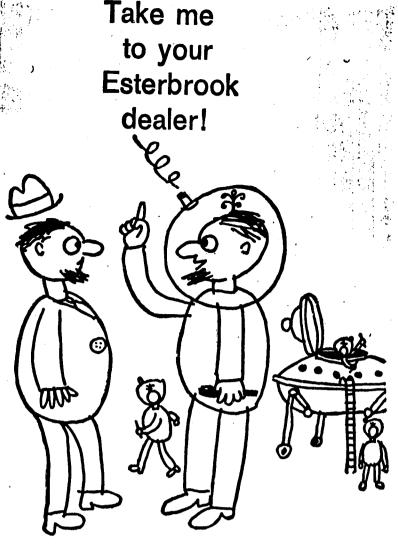
George likes soccer and wrestling and is a member of IRE-AIEE and of the City College Foreign Students Committee. Likes movies, theatres and dancing. When asked whether he likes girls, he said: "Tell me somebody who doesn't." I asked him about his opinion of the American student. He did not find his classmates in math and physics interested in the subjects. In the courses of Engineering (Electrical), however, they are very interested.

The American student, he says, does not have the warmth and the friendliness of the European student but this varies, depending upon how talkative and social you are. They are polite and sometimes are really interested in you and your life. He finds the College teachers warmer than his High School teachers in Greece. "They try to convey with eagerness what they know."

George is an eager beaver and besides being very smart he works for his grades. He is proud of working for his objective and is modest about his mates description of "genius".

As.. I finished interviewing him, he shook my hand and said: "So long old friend Mike, see you in 131 ((EE),"

—Michael Buczaczer



Attention earthlings! The word is getting around! Esterbrook Fountain Pens are out of this world! With 32 custom-fitted pen points there's an Esterbrook to fit any writing personality-star-struck or earth-bound.

The Esterbrook Classic is only \$2.95 and great for class notes. It starts to write as soon as you do ... with that amazing new miracle discovery-ink! Feels just right in the hand, too-not fat, not thin, looks good, too! Colors? There's a veritable rainbow to choose from. Pick your favorite of six colors. Why not today? No space ship needed. Just zero in on your Esterbrook dealer.



student broad fine medium

J: Saare..

(Continued from Page 1) electrical engineering department. She also said that then teachers like Millman, now at Columbia University, and Seely now at Case Institute, used to teach here and that only two secretaries were used for the whole School of Technology.

A few weeks ago the Electrical Engineering faculty held a dinner for her in the faculty dining room and composed a poem which we now present:

ODE TO SADIE SILVERSTEIN (By the E.E. Faculty) Born in Brooklyn and she did thrive

Learned to type at the age of five Came to work in our city dive

She's been boss since she arrived Now she's been here for twentyfive.

At a party she is just the most Never drinks but she loves to Just when you think that she's

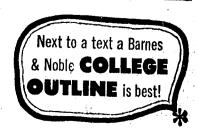
given up the ghost Early next morning she's back at her post.

(Continued from Page 1) then stop in the canteen for a snack.

3) Donors are carefully screened to insure they can give blood in complete safety. Temperature, blood pressure, hemoglobin and medical history are all checked.

Who can give blood? Anyone between the ages of 18 and 59 who weighs more than 110 lbs. can safely give blood. So when you pass the registration booths in Finley and Shepherd halls stop and sign up.

As President Gallagher so ably puts it, "The Blood Bank constitutes a type of insurance policy no one can afford to be without."



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e R.O.T.C. 1

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ECH LIFE

esday, November 16, 1960

By LARRY KOWITT

is is your column, for you the tech student. Its sole function erve YOU. At long last we have been getting some replies he readers. Here are the questions that I am asking for them hy does the manager of the Shapard Hall Cafeteria seem to about the alignment of the chairs more than he does about iber and choice of the food? It might be just my imagination, food seems to outdo itself each week by getting worse . . . m't the Beaver Bookstore sell you a lab manual for a course already bought the text at the college store? This has hapto many more people than myself. This is good will? . . . To re and Puzzled: I agree with you but what can you do benit your head against a brick wall? The rest of the students oly agree with you too, but they wouldn't give the time to t any effort on this or any other issue . . . Why can't the start repairing some of the North Campus class rooms? have cracked and peeling plaster on the ceiling and walls. int itself has lost its color long ago. One class room in which d twice a weekk, room C 200, has a peeling ceiling, cracked a black paint job, gaping holes in the walls exposing the behind it, and a hole in the floor in the corner of the room. this the sound of machinery starting up and running some below us, and, Oh-Boy!

he R.O.T.C. held its semi-annual review (most schools spend working up to this) on Thursday, the third of November, the 12-2 break. It was an impressive show, especially when bassed in review. The honorary Cadet Colonels and Majors color to the show. The College has a right to be proud of its They are one of the best in the country. This is reflected in c of the corp, the spirit of its cadets, and the national standits military societies. It is a proud corp, and well may it be c cadets have boasted of a top Pershing Rifle drill team for of the best S.A.M.E. student post for the past four years, and op National Collegiate Rife Team for years. They seem to monopoly on this sort of thing.

ing hard-working engineering students, naturally we have he to work. Therefore when it comes time to take our lady out for entertainment, we have to settle for a soda and TV. ourtesy to my fellow students, I have a list of FREE things in the city. From "New York Free For All" we find the folitems: A free ferry ride to historic Governor's Island, Get from the MP at the Barge Office just below the Battery. Best o visit is Wednesday afternoon when you can include a reparade at 5 P.M. Tour the pre-Civil War forts and Castle ns, now the 1st Army HQ. Hour-long guided tours are given ays and on Saturday morning through most of the warmer s. Write for reservation: Post Info Office, HQ Ft. Jay, Gov-Island, New York 4. See La Guardia and International airrce. Many a weekend night date has been spent touring the als at International. The pools and fountains with their colights are something to see. The RCA showcase at Rocke-Center is where you can see yourself on TV and listen to stereo. While here ask about Consumer Testings. If any ng on you could win yourself a portable radio for answering hs. The United Nations. Limited seating at all open meetings. in person, General Assembly Bldg. Hour-long lecture-film ms explain workings of UN, Saturday and Sunday 11 to 5. s' Entrance, First Avenue at 46 St., New York 17. A free trip rida, California, or anywhere else in the USO. Check the public-commercial notices in the New York Times, where insport companies and individual owners advertise for lidrivers to deliver their cars to various cities. Some foot the

e Cheerleaders with House Plan Assoc. and A E Pi invite entatives from all fraternities, dance societies, etc., to a g in F 438. They want ideas and people for a mass Pep Rally basketball team.

e Society of American Military Engineers presents Bethleteel with a Lecture-Discussion on the reactor of the atomic "Long Beach." The lecture is on Wednesday, November 16, M. in Room TH 004.

e ASCE will present two films on Thursday, November 17 0 in Cohen 301. One film will deal with water supply and health. The other, about the role of an American engineer. I members are also reminded that the semi-formal, Semi-I Induction Dance will be held on Friday, November 18, at M. in the Grand Ballroom.

WILL YOU BE READY FOR MANAGEMENT RESPONSIBILITY IN 1965?

A positive answer to this question will depend upon . . .

- your ability
- your iniative
- the company you associate yourself with

We believe Hermes Electronics Co. provides the young electronics engineer with a tremendous opportunity to gain a wide breadth of knowledge and responsibility in the areas of advanced digital equipment and systems, sophisticated electronic instrumentation and electro-optical equipment.

Hermes is only five years old and is on the grow. We have 350 people, one-third of whom are professional engineers and scientists. With our recent merger with Itek Corporation, we have gained a great depth of technical reserve to complement our own high level capability . . . which boasts two Nobel Prize Winners on its Technical and Advisory Board.

To augment the growth of our engineers, Hermes sponsors an educational reimbursement program. This program is carried on at nearby universities such as Harvard, M.I.T., Northeastern and Boston University.

You are cordially invited to discuss your professional opportunity with:

Mr. Reuben Wasserman (C.C.N.Y. '53)
Manager, Digital Systems Dept.
Hermes Electronics Co.
on Tuesday, November 22, 1960
Please make arrangements through the Placement Office.

Electives . . .

(Continued from Page 1)

from liberal arts electives. No matter what the result of this discussion is, in all probability any major changes in curricula will have to wait until the Tech Building is completed.

It should be remembered that the Chem. E. department has a relatively easier task in changing curricula than the other departments. This is due to the fact that all engineers must take some M.E., C.E., and E.E. courses while only Chem. E.s take chemical engineering courses. As Dean Allan so aptly put it, "Inter-departmental relations make it difficult to change curricula."

It was just last year that five credits of Liberal arts electives were given to Chem. E.s to do with as they pleased. Their choice of subjects includes such varied courses as music, philosophy, art, history, languages, and government.

Join The Battle!

TECH LIFE is for you, the tech organizations on campus.

Vector...

(Continued from Page 1)
tion called Stepping Stones to
The Stars dealt with the past
history and development of
rocket carriers. Specific stress
was placed on the role of the
V-2 and the Aerobee rocket carriers and their evolution. Mr.
Skurnik delves into the past
history of the science of rocketry
and then takes a look at the
present state of the art with a
view toward seeing what general trends are at the present
time.

Scarcity of water is rapidly becoming a very important consideration in this country. It is figured that by 1975 to 1980 the break even point will be reached where people will be using all of the available water supply. This problem was the topic of the fourth story in the present issue of Vector. The title of this article was: Desalting the Ocean. The article went on to describe the ways that scientists are tackling the problem and the relative costs of the methods that have been tried to date. This article makes excellent reading and is an interesting inside view to one of the prob-Iems of the future.

About Town

On November 17 the Professional Group on Microwave Theory and Techniques of the Institute of Radio Engineers will present a lecture on "The Modern Radar System," by Mr. J. S. Burgess of the Rome Air Development Center of the United States Army. The lecture will take place at the Western Union Building at 7:30 p.m., at 60 Hudson Street, New York City.

A lecture on "Problems in Electro-diagnostic Instrumentation," will take place at 8 p.m. in Welch Hall of the Rockefeller Institute at 67th Street and York Ave., in Manhattan.

Lounge...

(Continued from Page 1)

emblems reproduced in a media suitable for mounting.

Many students on North Campus may be oblivious to the fact that there is a blood drive at City College. Tech School represents a large portion of the school and T.I.I.C. stated it wold like to see a large turnout of volunteers from Tech to give blood. (Engineer's blood is as good as anyone else's?)





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Letter...

To the Editor:

A very serious problem at City College is the enormous drop-out rate of engineering students. I believe that this is because most engineering students don't know what engineering is all about when they enter college.

Most students who drop out on their own accord to do so within the first two years of college. Their reason for this, they say, is that they don't like engineering. But they never had an engineering course and what they really didn't like was science. And guess what they become? — science majors!

High school guidance counsclors say if you like science you will like engineering. But this is ridiculous! If you like applied science you may like engineering. If you like pure science you probably won't like engineering.

Many students believe there is more money in engineering than in science. This is not so - all things being equal, the money is the same. The important difference is that to do research in science requires a Ph.D. -- in engineering, a Master degree.

A solution to this problem, I

Trials Of Tech News

By CARYL SINGER

The publishing of tech school information dates back to the years soon after World War I, for it was in 1919 that the School of Technology at City College was established. At that time TECH NEWS was included in Campus, However, it was not until Oct., 1931, that a paper devoted exclusively to Tech students made its appearance. The first TECH NEWS was published by the ASCE student chapter and supported by them, which meant that the paper was primarily for Civil Engineers. Then ASME, AICHE, and AIEE offered to join TECH NEWS since, as its name implied, the paper should represent all Tech groups.

At the beginning of the Fall, 1933, term TECH NEWS published its first and last printed edition. This was to have all school news since the Campus had been suspended from publication. With the reinstatement of the Campus a week later TECH NEWS again wrote only for Tech students. Although attempts were made to have the paper printed TECH NEWS continued publishing in mimeograph form.

Because of a disagreement between ASCE and the other Tech societies the "Tech Bulletin" replaced the paper in 1936. The "Tech Bulletin" published until the beginning of 1940.

In 1942 TECH NEWS, for the first time became a paper published by all the Tech Societies and fraternities on campus. This only lasted for three terms. In 1943 it was merged with The Campus. Soon Tech information began to receive less space in the paper. Once again in 1946-7 the paper re-appeared in mimeograph form, but finally had to cease publishing due to lack of sufficient funds for printing a suitable paper.

In June, 1954, the efforts of all groups were merged to form one TECH NEWS.

This paper still serves as the "Town Crier" for the Technology students of C.C.N.Y.

feel, is that high high schools should offer a few engineering courses on a level that high school students can handle.

> Edward Newberger Lower Senior 3

Then There's the one about:

—the piano player who suffered a nervous breakdown brought on by Shearing stress.

—the CE who was convinced his teacher was a concentrated

—the new Cuban sports car. It's called a Castro Convertible.

-the girl engineer who passed drafting because she never knew where to draw the line.

-the EE who, on handing in an assignment late, gave his prof a delay line.

-the new TV show, "The Headless Horseman's Head." It's theme song is "I ain't got no body."

- Dave Tutelman

And Poetry

I think that I shall never see A schedule that's poetry.

A program gets by registration Without closed classes con-

sternation.

tures.

A program lets me sleep to

And then by three I'm out again.

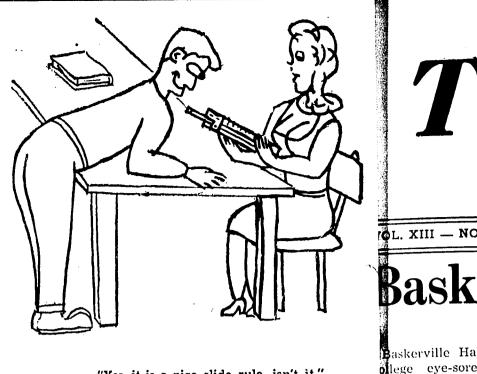
And hour free at twelve each Time in the afternoon to play.

Easy courses; ideal teachers; Many other gilt-edged fea-

But I've found (it's just too Programs like this can't be

Eight-O'clocks are for fools like me, But only God is out by three.

-Dave Tutelman



"Yes, it is a nice slide rule, isn't it."

PROMETHEAN

The deadline for submitting entries to Promethean, the College's literary magazine, is November 18. Stories and poems may be left in the Promethean mailbox, 152 Finley. Let's go.

FACULTY TEA

REMINDER: There willine a virtual sl Student-Faculty Tea sport he corridors of by T.I.I.C. on December lined with The Tea will be held on the age cases of Campus in Knittle Lounge od and glass. 3-5 P.M. All students and pipes and cr vited.

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Most important nce of the labor mic, analytical demistry 1 mbles. The re oratories follo extremely indows, cracke alls that have iih age give E appearance lege building all representa emistry depart y major sta ng that keeps partment toget nce of fine tea hipment in eac a three-day la **s**s the equipme ntly by stude

JACK SAVED HIS COMPANY \$10,000 ON HIS FIRST ASSIGNMENT

While Jack Trabert was in college he had some definite career ideas. He knew what he wanted—a job with a payoff for good judgment and hard work.

With a B.S. in Business Administration from the University of Nebraska, Jack knew he could look in many directions. And he did. He talked to 20 companies. And then in August, 1957, joined Northwestern Bell, in Omaha, Nebraska.

His chance to show what he could do was not long in coming. On his first assignment Jack came up with answers that made it possible to handle long distance calls made at night in the Omaha area with less force and equipment than was needed under the old system. This resulted in a \$10,000 annual saving.

Next, Jack worked on a training and devel-

opment program for "mark sensing" - a new method for mechanized processing of long distance charges.

Today, Jack has an important role in planning and developing telephone facilities to keep pace with Omaha's ever-increasing need for long distance services.

Jack puts it this way—"If a guy can keep his average up, there are places to go in this outfit. A man doesn't have to wait around for opportunity to knock—he has all he can handle right from the start."

If you want a job in which you're given a chance to show your stuff, and held strictly accountable for your decisions, right from the start-then you'll want to visit your Placement Office for literature and additional information.



"Our number one aim is to have in all management jobs the most vital, intelligent, positive and imaginative men we can possibly find."

> FREDERICK R. KAPPEL, President American Telephone & Telegraph Co.



BELL TELEPHONE COMPANIES

Editorial

Most professor

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Yesterday ent of polic d three-qua ith what it p

Their stat ry little or jiginal goals, **e**nior Class b t out after i the yearboo **d**itor either f niors who b

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