

TECH



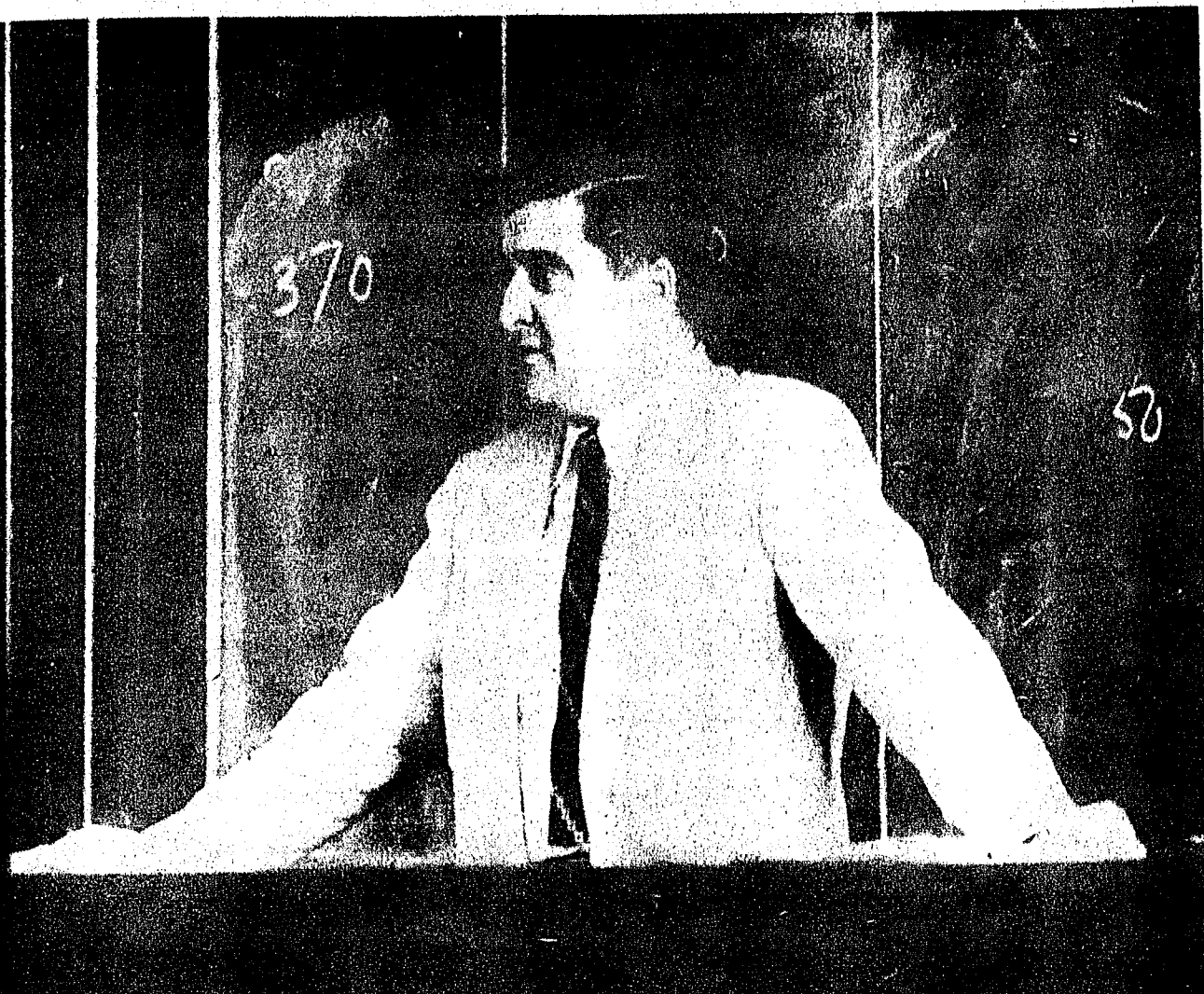
NEWS

SCHOOL OF TECHNOLOGY

I, NO. 2

Thursday, Nov. 4, 1954

By Student Fees



Only one-third of the students are in the top third of their class!"

EMPLOYMENT OPPORTUNITIES GOOD

Engineering graduates this year have no fear of unemployment, according to Mr. John Bonarte, of the Placement Office. Speaking before a full room of engineering, Physics, and Math students, he gave a short outline of the opportunities and salaries that these students may expect upon graduation. In general, employment continues high, salaries have increased, and no engineer needs to leave his field to find a good job.

In industry, where pay is highest, the greatest demands are for ME's and EE's where over 50% of these graduates find employment. For the CE's, industrial jobs are more limited and fewer CE's are being employed than before. For them, op-

portunities are greater in Civil Service where 50% of all CE's are now being employed. Chem E's will have the hardest time of the four in finding employment because of the keen competition for jobs in the New York area. Hence, the Chem E's, especially those in the lower 2/3 of the class, will have more opportunities out of the city.


Pay scales of June graduates ranged from \$300-\$450 with the middle 50% earning \$340-\$370 per month. As a contrast, the Liberal Arts graduates earned only \$230-\$290. A curious twist occurred when the lower half of the Chem E graduates got jobs paying them more than the upper half received. This, of course, is the exception, not the rule!

SALARIES

For those students who have been wondering how much concrete (financial) benefit they will get from their studies, the Placement Office has compiled a survey of salaries given to 1954 graduates.

The survey of Engineering graduates with sections on Math, Physics, and Liberal Arts is scheduled for release to faculty and societies soon. The figures given here are only a sample of the full report.

As shown in the table, the salaries for engineers in industry are much higher than for those in Civil Service. However, in Federal Service, the base pay is only \$280 a month (with an increase to \$350 in six months). State and City Service pay range from \$320 to \$350, almost as high as in industry.

CS - Civil Service		I - Industry		
S A M P L E				
number of men		38		
monthly wage		\$299		
	1953		1954	
	CS	I	CS	I
C	38	15	14	26
E	\$299	\$334	\$305	\$341
Ch	2	9	4	12
E	\$285	\$335	\$285	\$340
E	12	77	10	71
E	\$291	\$347	\$294	\$357
M	4	34	6	54
E	\$285	\$349	\$287	\$360

LETTERS

Sir:

It's great to see TECH NEWS back on campus again—and in such streamlined form.

Your articles on the history of the paper brought to mind the year that I was so-called editor (about 1943, if I'm not mistaken)—before the merger with CAMPUS (perhaps it was later). At that time it was a one-man operation with the editor doing the reporting, editing, typing and stencilling.

You've come a long way since then.

And purely from a professional angle (we on the magazine are geared to notice such things as layout, heads and captions), you've done a first-rate job.

I've circulated my copy to members of our staff and to one or two other alumni in the building. They all agree with me...

Best wishes to you and your staff for continued success.

Roslyn K. Gitlin
Editorial Ass't.
McGraw-Hill

Sir:

I am writing in order to offer a brief evaluation of the first issue of Tech News, fully realizing that an early evaluation of a new publication cannot be too accurate.

It should be pointed out that the first edition offered very little to the student in the way of news. That which was news included the tabulation on coming events in Tech societies and job listings for January graduates. If it is the sincere feeling of the Tech News staff that there is an abundance of tech news that is lacking coverage, it should prove its capability by reporting this news in future copies.

The next item I wish to mention is in more of a complimentary vein. Judging by the reaction of the readers I encountered, Tech News is bringing the tech student in closer contact with other students of the Tech School outside of his immediate classmates. Tech News, I am sure, also increases the prestige of the school and shows that we exist as an active group.

Lionel Senhouse
ME June '55

THE INQUIRING TECHNOGRAPHER

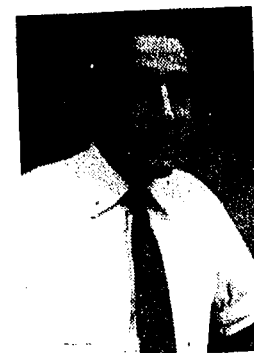
After reading the recent editorials of OP & Campus, and seeing the first issue of TECH NEWS, do you feel that their viewpoint was correct or do you think that TECH NEWS is necessary?



Herb Weingartner LJR

There has been definite need for a Tech paper. Both organizations have a right to their opinion, but I feel in this case their editorials

also were both unfounded and unfair. The Tech newspaper represents almost 40% of the student body and this segment of the College has not been properly covered until now.



Eli Matsil LSR. Seniors
Upon reading President Gallagher's letter in the first issue, I was greatly impressed by the complete and simple analogy made by him.

The question asked was, "Which man on a four man relay team is most important? Obviously they are equally important. Let this be borne in mind to those who may think that a Tech newspaper is superfluous. You see, nobody but a Techman can think, write and act as a Techman!



Annette Stone LSR. It is my contention that one can't pass judgement on a paper after seeing only its first issue. I feel that anything which will improve any segment of the school, raises the standard of the College as a whole.

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TECH NEWS Thursday, Nov. 4, 1954

Carnival Queen

The Carnival Queen Dance will be held in the Grand Ballroom of the Hotel New Yorker on Nov. 10, the eve of Armistice Day. Tickets, at \$2.50 per couple, are now on sale at House Plan and in the Central Treasurer's Office, 100 Main. Reserved tables may be purchased by Tech groups at House Plan.

At a recent meeting, TIIC voted unanimously to support the Carnival Queen Dance. This was done with the knowledge that all profits gained from the dance and the carnival are to be given to the House Plan to the City College Fund for the student activities center. Thus, all college organizations will share the benefits.

The Dance will feature the semi-finals of the Carnival Queen Contest. Approximately 100 girls will parade in front of the 7 judges drawn from the faculty and administration of the college. Five of these girls will be chosen to compete in the finals at Carnival on Dec. 11.

Seniors, if you would like to be your handsome face in Micro-Gallagher's, hustle down to 109A before 11 p.m. and make your photo appointment. I was greatly impressed by the simple and simple beauty made by his question asked on a four month important reserve tables in advance for the All College Prom this term, as borne according to Ira Klosk, President of Student Council. This term marks the first departure from the traditional "first come, first served" seating methods of previous semesters. In the past, people who arrived late often had to sit with strangers because their friends' tables were already filled. The new arrangement, by affording friends a chance to sit together, will definitely contribute to the success of the Prom.

Prom's Dance

Contact the President of your fraternity or society if you wish to sit at a group table. The prom will be held at the Waldorf Astoria on Nov. 25.



Alumni Dinner - Student Leaders and members of Board of Directors. L to R: Jim Jeffers (ASCE), Robert Weiss (TIIC), Daniel Rosner (ASME), Joseph Petrix '24T, Samuel Lehman '33T, Peter Puttre, Elliot Kahn '45T, Herbert Sklar (AIEE), Murray Shainis '49T.

OUR NOT-SO-SILENT PARTNERS

It's nice to know that the Tech Alumni are behind us en masse.

Sensing an unusual degree of activity in the Tech School our Engineering Alumni recently made an all-out effort to contact the undergraduate groups and further unite their efforts with ours for the betterment of the School of Technology. The presidents of TIIC, ASME, ASCE, AIEE, and AICHE were invited to a dinner and business meeting at which time our problems, growing pains, and accomplishments were discussed.

This semester, with more than 50% of the entering students registered for engineering curricula, the alumni realize that closer contact with us is necessary. In fact, their financial assistance has totaled over

\$200.00 in support of our activities. But the money alone is not the important item. We were more impressed by their genuine enthusiasm, their willingness to participate in our decisions and undertakings.

...But, after all, just a few years ago they were flunking the same exams we are flunking now.



Alumni at work.

COMING EVENTS

ASME-SAE

Today - Ramjets

Tomorrow - Induction Dinner in honor of Prof. Sherwood Menkes.

Nov. 18 - Mr. Tatnall speaks on "Metallurgy and Engineering."

ASCE

Today - Prof. Mario Salvadori on "Thin Shelled Concrete."

Tomorrow - Student-Faculty Bowling Match

Nov. 18 - Business Meeting

AIEE-IRE

Today - V.H.F.-U.H.F. lecture by Dumont Corp.

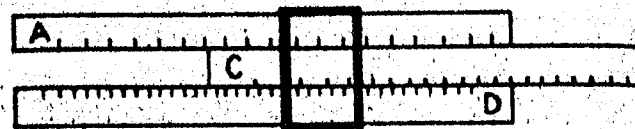
AICHE

Today - Plant Design.

Nov. 18 - Mr. Nelson speaks on "Production of Sulphur."



TECH LIFE



Chi Epsilon

Contribute Please...

"Here's to Freddy. He's true blue. He's a rummy through and through. So chug-a-lug, chug-a-lug,...." and Fred Novotny downed his pitcher in one gulp. He deserved it too, for he was the one who good naturedly greeted all comers and squeezed \$1.50 out of them to pay for the kegs of milk.

Top 1/3 Plus Sociability

The occasion was the Chi Epsilon smoker of October 15, at the Hotel Times Square. (Hazel didn't stop anyone). Chi Epsilon is the honorary CE fraternity and it elects members from the top third of their class, on the basis of character, sociability and service to the school. Those who are eligible, by virtue of their academic standing, are notified by mail at the beginning of the semester. During the next two weeks, the eligibles get to know the brothers and the aims of the fraternity through personal contact, interviews and informative meetings. This period is climaxed by the smoker and elections.

Burly CE

On the other side of the room the chorus called, "This is Syd and the way he does the hula-hop," and Syd stepped forward and swung into a hula that would make Gypsy Rose Lee turn green. That was Syd Harris, a burly 6'-1" UJr. 5 whose main occupation, at present, is the CE curriculum. He has no plans for a dancing career at this time.

Congratulations

Syd was among the eleven elected to pledge for Chi Epsilon. The line-up: C. Costantino, S. Grava, S. Harris, M. Kirshner, R. Lytwyn, L. Mejia, A. Rock, R. Schwartz, W. Shapiro, H. Sikorski, M. Sinkoff.

Speech

Prof. Hartman and Mr. Gershowitz of the CE Faculty and Robert Bantum, Jack Goldberg, Dick Kregel, M. Young, and Bob Ingraham of the alumni were present at the smoker. Prof. Hartman spoke briefly, pointing out that most brothers graduate in one to two terms after their election to Chi Epsilon, thereby depriving many of the projects of the organization of the necessary continuity. He hopes that this situation will be remedied in the future through the election of some outstanding Juniors.

"Let's go now..."

Once the kegs ran dry (percolation) and Eli Matsil ran out of jokes, the party was adjourned to the Port Authority Bowling Alleys, at the suggestion of Frank Agardy, president.

Elections were held next day with the results given above. This proves you don't need good cigars to make a darn good smoker.

Congratulations

Tau Beta Pi, the national honorary engineering fraternity, has elected 28 seniors and 4 juniors to pledge this term. Election to Tau Beta Pi is regarded as the highest honor that can be bestowed on engineering undergraduates.



Prof. Pistrang at Tau Beta Pi Smoker: The picture of happiness!

The men who were elected to pledge are:

Upper Seniors

Leo Katz
Bernard Spitz
Jack Atkin
Robert Weiss
Marvin Hillman
Gerald Kikin
Robert Goodman
Charles Steinberg
Leonard Sugin
Lubomyr Onyszkewycz

Lower Seniors

Stanley Mandelto
Jerry Hanfling
Howard Hillman
Victor Auerbach
William Herman
Kwock Young Loui
Michael Cooperma
Harry Hansen
Harry Radzyner
Jerold Goldberg
Ronald Cohen
Joseph Blecher

Upper Juniors

Gershon Furman
Fred Martin

Jerry Cook
Jonas Ulenas

ASMEN Eat!

While the rest of the Tech school wearily trudges back to an ordinary home cooked meal tomorrow night, the men of ASME will remain to enjoy a deluxe seven course steak dinner in the Faculty Dining Room. The occasion is ASME's Induction Dinner honoring its new faculty advisor, Prof. Sherwood B. Menkes, an affair which promises to be stimulating both to the mind and palate!

After a brief talk by Prof. George Guerdan, Chairman of the Mechanical Engineering Department, students present will get a chance to demonstrate their amazing rapidity, accuracy and agility with their beloved slide rules under the enormous pressure of competition and onlooking faculty members. Students are to be reminded that, to be acceptable, all slide rules must be well lubricated and water jacketed! Members will definitely be disqualified if their slide rules exhibit objectionable irreversible heating.

If you feel up to this, and you haven't yet purchased your ticket, run, don't walk, to your nearest ASME representative. The price is right...only a low, low \$2.00. Today is positively the last day you can buy your ticket and, unless your credit is exceptionally good, better check to see that you have a "duece" in your wallet.

Start Writing Now!

Attention all mechanical engineers! At last, you are being offered a chance to exhibit your writing ability (if any)! Under the auspices of ASME-SAE a student paper contest will be held Thursday, December 2. The contest not only gives you an opportunity to express yourself but also offers cash and certificate awards.

The entrance requirements are easy to meet. Any full time, day session student who is a student member of ASME or SAE is eligible. The paper may deal with any phase of mechanical engineering whether it be of a highly technical nature or merely a discourse on some non-technical aspect of the field. For example, last term's winning paper at CCNY was on "Rockets and the Problem of Escape From Earth" by Daniel Rosner. A previous regional winner discussed engineering opportunities in Saudi Arabia (this is for real!).

Writers entering from both organizations have access to library facilities in the Engineering Societies Building, located at 29 West 39th Street.

All papers should be neatly typed or printed double-spaced on white, 8½ x 11 paper and should take no longer than 15 minutes to present. To be considered, papers must be left on Menkes' desk, ME office, later than November 27, at 10 PM. The five best papers, determined by a vote of several ME department professors, will be presented by their respective authors on December 2 at 12:15 PM in H 017. All certificates and cash awards will be presented at the following meeting. The prizes are:

First....	Certificate & \$15.00
Second.....	\$10.00
Third.....	\$ 5.00

The presentation will be judged on the basis of delivery, effectiveness, literary style, timing, material and its arrangement, and the knowledge the student has of the subject.

The student should be reminded that writing and presenting a technical paper is probably the most effective way to learn. Everyone who enters the contest is a winner in this respect.

Electrons in Motion

There are certain static electric fields of force about City that are causing the busy electrons to follow certain paths. The busy electron has played softball and has proved that famous axiom: "A softball thrown by negative charge will be repelled by bat swung by negative charge."

At the TIIC Slide Rule League, the busy electron will show the bridge-builders, the gear boys, and the test tube lads that he, as a charged particle, is capable of high voltage and tremendous kinetic energy. At the bowling league, he will wipe out all opposing fields.

On Thursdays, from 12 to 2, he will attend the AIEE-IRE meetings and hear interesting lectures on servo-mechs and radio waves. He will watch films about his brother electrons and how they play their important roles in industry.

The busy electron has gone to the bowling party on Friday, Oct. 29, and tried to make the team for the Bowling League. He will seek out Tech News and try to use his vast potential energy for it. And, finally, he will look forward to the mid-session smoker which he will enjoy with his fellow electrons and the magnets that control his path through college. (Faculty members).

The Electrical Engineer knows that electrons in themselves have little kinetic energy but, when a sufficient number follow the same path, a tremendous amount of work can be done.

Hydraulic Power

In the second lecture of the ASME-SAE series, Mr. Ray S. Quick spoke on several aspects of hydraulic power. Slides of various turbines were shown and difficulties of construction, transportation, and maintenance were pointed out.

One slide showed an installation where the water for the turbine was being piped down a mountain side. The combined weight of the water and the pipes was pulling the mountain toward the turbine. This was overcome by coating the mountain

side with an asphalt type mixture.

Mr. Quick is chairman of the hydraulics division of ASME and Associate of Baldwin Lima Hamilton Corp. In discussing the job potential of new projects under consideration, he pointed out that two of the sites for plants will be on the Eastern Seaboard; one on the St. Lawrence, the other on the Niagara River. Both projects will be a joint Canadian-U.S. undertaking. (However, there are still over 67 million KW's of undeveloped potential power in the United States.)

Bees at Work

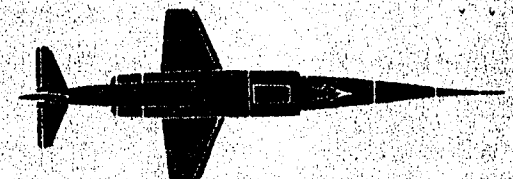
In the film presented by the ASCE, the Sea Bees, the construction battalion of the Navy, were shown building an airfield on a beachhead taken by the marines.

Bulldozers cleared the field of debris, with steam rollers leveling the ground afterwards. The field was then covered with portable steel matting and packed-in sand, making a bed hard enough to serve as a landing field.

The drainage problem on the island was solved by digging a ditchway to hold pipelines of old oil drums welded together.

Beyond Tomorrow

The development of airplane construction in the past few years has been phenomenal, and paralleling this advancement has been the rise in demand for engineers of all kinds. The development of jets, rockets, and guided missiles with their complicated electrical mechanisms call especially for more Electrical Engineers.



The film, "Beyond Tomorrow" presented by AIEE-IRE, showed the part played by North American Aviation in this advancement from the powerful but slow B-25 to the fleet Sabre-jet (F-86) and the new super-sonic fighter (F-100).

NOTICE TO ALL ENGINEERING STUDENTS

Many of you are eligible for the award listed below. Your applications will be welcomed by the School of Technology Committee on Awards.

Applicants must make their intentions known by reporting in person to Mrs. Abrian, room C 015, Chemistry Building, on or before November 6th. The winning of these awards carries with it an honor far more important than any immediate material benefits.

A. X. Schmidt

A. X. Schmidt, Chairman
Technology Committee on Awards

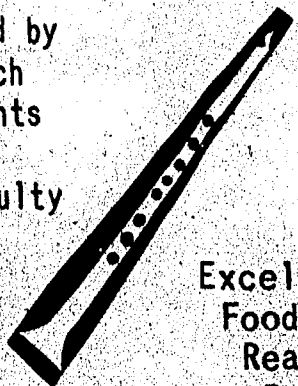
The Charles A. Marlies Award

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.

Announcements of other Tech Awards will be forthcoming. Consult Mrs. Abrian for further information.

the
Clarinet

Selected by
the Tech
students
and
Faculty



Excellent
Food at
Reasonable
Prices

Menus Changed Daily

THE CITY COLLEGE

VECTOR



The motley crew!

In the Beginning...

Exactly 17 years ago, a new technical magazine was introduced to the college. Its members, borrowing a portable partition and an old wooden cabinet, improvised an office on the stairway landing between the first and second floors of the Tech Building. The pioneering tech journalists printed and sold over 600 subscription cards for a single issue at 50¢ each. Then, they unearthed several technical articles and planned the first issue. It had a refreshing cover with an original photograph, complete society news, and no typographical errors.

Now...

The first issue of Vector for the fall semester will be out the week of November 8. This issue will feature an article on Free Piston Engines. (In a free piston engine, the pistons are not connected to a rotating crankshaft--in fact, they are not connected to anything.) The article is guaranteed to be very interesting and very readable.

The second feature article will bring you up-to-date on the New York State Thruway. And, as a pleasing diversion, Vector will take you seven stories above the campus to the tower that houses the Radio Shack and City College's own radio station, W2HJ.

Dean William Allan delivered a timely message to the student body on the Dean's Page.

Not only will the November issue of Vector contain the articles, but it will also contain their regular feature Prof-iles lets you peek into private lives of two faculty members and the life of City's own female drafting instructor (or should we say instructor). Engineering Highlights, a page of puzzlers (Vector Volts plus a new contest will also be in this issue. And let us not forget Stolen Stuff.

All this for only 15¢. What else could you get so much for so little?

Vector is also sending out a call for student articles to appear in the magazine. The articles should be of a technical nature of general interest to the engineering student. Manuscripts should be typewritten double-spaced, one side of the paper only, and include the author's name, class, phone number, plus the necessary pictures and diagrams. Submit your opus to Vector, room 100 Main.

Lucky Winners

The winners of the Vector Volts contest of last May, Henry Radyzner, Martin Rosen, Alvin Bachman, who solved five puzzles successfully, claim their reward, a year's subscription to Vector; at the Vector office.

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T PRICE

RITE LIFE

Happened?

those bewildered engineer-students who still don't understand the new curriculum changes, Evening Engineers offers an opportunity to become enlightened. We are planning to hold a briefing on the new courses, what they mean and how they affect our standing.

We would like to invite faculty advisors to this session, but hesitate to do so, short of any response from students. (It is considered rather impolite to ask a faculty member to speak to sleeping students and a professor.)

If you are interested, fill in the blank to the right and drop it in the "College Mail" slot, Room 121 Main. If enough people respond we can

arrange the session at the most convenient time for all concerned.

Why can't more of us get together and form an engineering society? Answer this question. We have scores of clerical workers waiting to process the thousands of replies.

WANTED: Scores of clerical workers.

Night Staff Needs Members

Us swine are looking for pearls of wisdom to be cast at us. We shall, however, greatly appreciate any work any evening student can perform. In fact we're desperate - it's lonely with just the few of us.

To Evening Session Editors
Tech News, Box 12

Name _____

Address _____

Night Preferred _____

Check One:

- ☐ I am confused and need help.
- ☐ I am stupid and need help.
- ☐ I am beyond help.

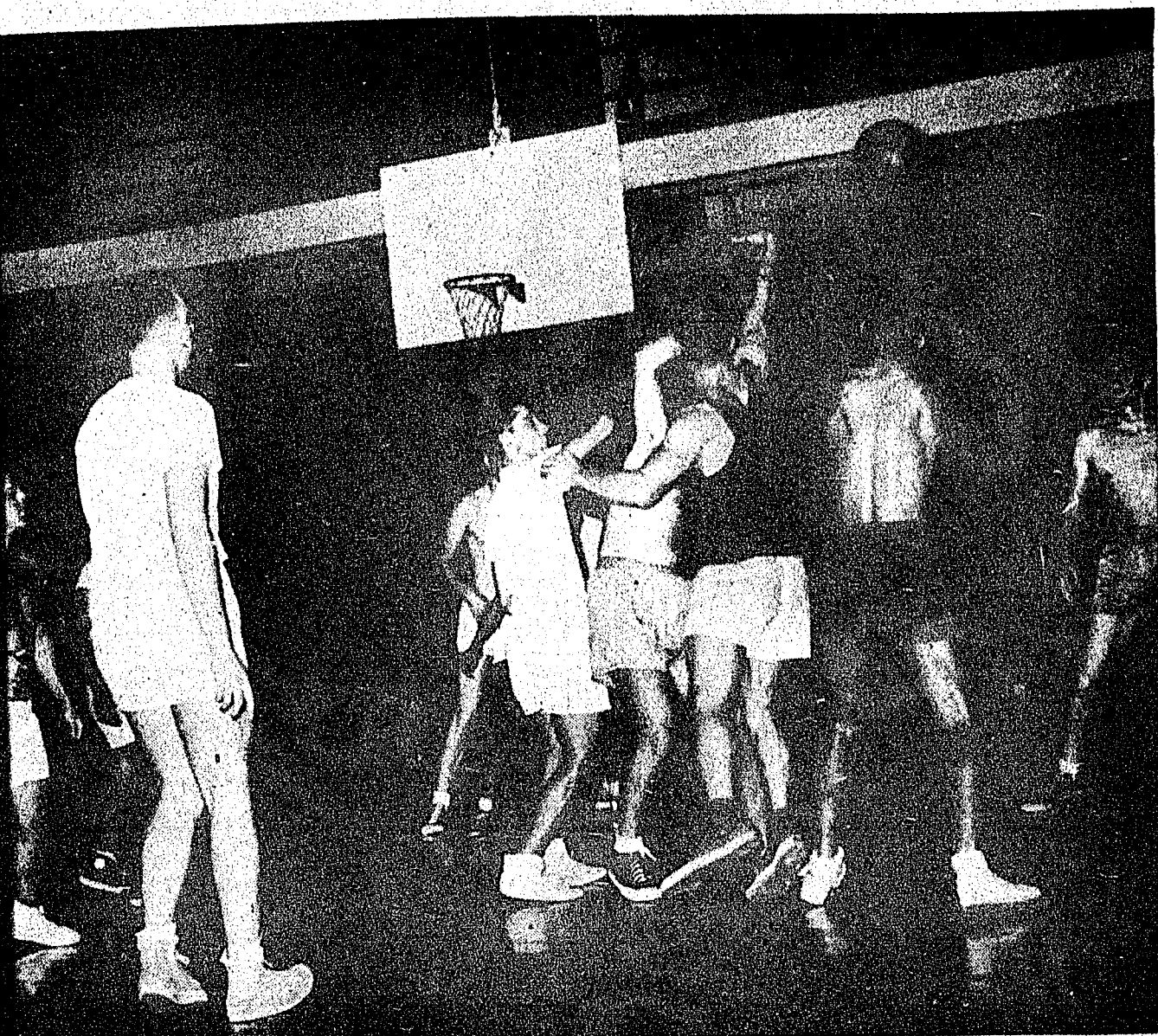
SPORT

Slide Rule League Under Way

Once again the engineers of the major societies laid aside their slide rules, and pushed basketballs instead, as the TIIC sponsored Slide Rule League got under way in the Main gym, Thursday, Oct. 14. The season's opener, played between 7:30-8:30 PM, led off to an accelerating pace as the AICHE five romped over a determined but rather weak AIEE squad by a score of 67-36. In the second encounter, 8:30-9:30 PM, ASCE eeked out a 28-26 victory over ASME, showing that they had every intention of maintaining last term's honors and walk away with the coveted prize of a gold cup to be held by the winning department.

The game between AICHE and AIEE started out with the EE's holding a slight edge, but this was

(Continued on Following Page)



Rugged Competition

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DAILY SPECIALTIES

CAMPUS GRIDDLE

Slide-Rule League...

quickly cut down as the ChE's began to find openings towards the latter part of the first half. By half time AIEE was trailing with a score of 29-18.

In the second half the game was cracked wide open and the test tube and beaker lads, spurred on by Ralph Schwartz, dumped in 38 points as they drove a barrage of successive lay-ups and inside hooks by the bewildered and exhausted electricians. Schwartz tallied 25 points, while his team-mates Frank Brody and P. Stein were responsible for 18 and 14 points respectively.

The EE's were less fortunate, however, for due to their lack of height they were forced to score most of their 36 points from the outside. High score honors were shared by Peter Dorato and Vincent De Marco with 16 points apiece.

The ASCE five just managed to nip ASME in a game that included a dramatic ending. With only a few minutes to go and ASCE holding a nine point lead, the ASMEN shifted into high gear. They scored three field goals and a foul shot to get within two points of the leaders. Unfortunately for ASME, however, ASCE got possession of the ball and were able to freeze it for the last 90 seconds. Top scorers of the ASMEN were Dan Rosner with 11 points, and Sy Zeiberg and Walt Nazimowitz with 6 points each, while the victors had Schwartz 14, Wolfman 5, and Sullivan 4 points.

October 21, Main Gym

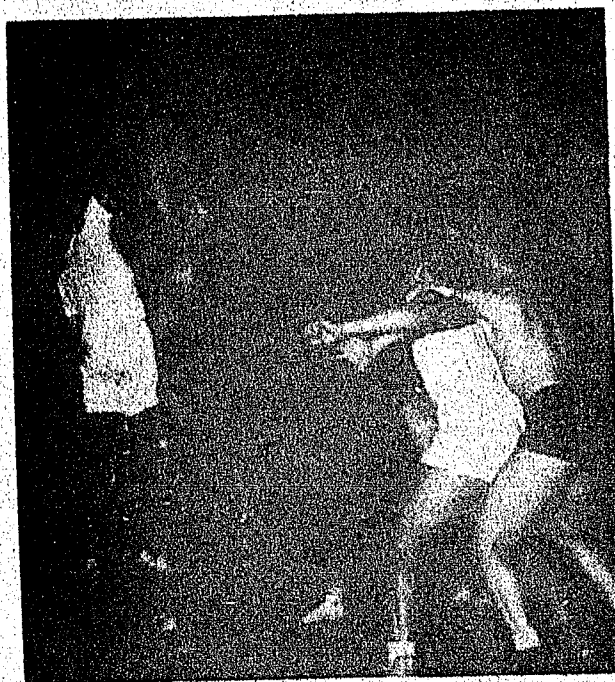
ASCE, seeking their second straight championship, defeated AICHE, 59-46, in the second round of Slide Rule League competition and took unchallenged possession of 1st place. While the busy EE's defeated ASME 45-32, tying AICHE for second place honors.

Paul Delia and Dick Schwartz

led the CE attack, tossing in 18 and 16 points respectively. Ralph Schwartz was high scorer for the losing team, dunking 26 points, followed by Frank Brody, with 14 points.

The AIEE-ASME game was played at a quick pace with the EE's holding the lead throughout the game. The ASMEN, with the help of Sy Zeiberg scoring 14 points, Walt Nazimowitz with 8, and Dan Rosner with 6, tried their best against the unswarming mass of electrons, but due to the fine playing of Lenny Wortheim scoring 14 points, Vin De Marco with 10, Peter Dorato with 6, Herb Targovnik with 6, Hank D'Angelo with 7, and Ted Constant (chief rebounder) with 2, the ME's just didn't have the potential to win. The remarkable change in the EE squad, predicts a close race for first place.

Ralph Schwartz of the ChE's is running far ahead for individual high scoring honors. This game's 26 points, coupled with the 25 he scored against the EE's, now gives him 51 points. He is trailed by Dick Schwartz of the CE's with 30 and his brother ChE with 32 points.



Don't crowd me Sy!

Latecomers!

You can still play for your society in the Slide Rule League. However, you must obtain from the Hygiene department a card to play in the evening gymnasium.

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The prize, a gold cup, will be presented to the winning team.

Bowling

TIIC has inaugurated a Bowling League among its member organizations. The League, scheduled to begin next Wednesday, will offer a prize of a gold plaque to the winners.

The tournament will consist of a maximum of 16 teams and the deadline for the submission of the names of the players is today. Each player must be a member of the organization his team represents and he may only represent one organization. Each team will carry a maximum of 6 players and a minimum of 3; at the game 3 players plus an alternate will compete.

The loss of 2 games before the semi-finals will automatically eliminate any team. Unless the players can get their organization to sponsor the team, each player must pay for the use of the alleys (plus the tip). Playing rules will be determined at the first game.

For further information refer to the TIIC bulletin board at the Tech Crossroads.

CLASSIFIED

Advertising rate: 4 cents a word. Unless otherwise noted, inquiries may be addressed to Tech News, Box 121 and left in the College Mail Room (Room 121 Main Building).

WANTED

Not-too-used desk lamps. Box 12-T

NOTICES

Clubs, societies, etc., desiring to have their pictures in Microcosm should better contact Room A109 pronto.

Special student rates on watch repairs and cleaning. Charles Kalmus & Co. Agent: Theodore Brimat, LU-3-7795

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