



THE SCHOOL OF TECHNOLOGY

TECH NEWS

CITY COLLEGE OF NEW YORK

VOL. XVII — No. 1

MONDAY, OCTOBER 1, 1962

BY STUDENT FEES

Fall Tech Council Holds First Meeting; Discusses New Plans

Thursday evening, September 27, The Technology Council, federation of all technical organizations, held its first meeting of the term. Ken Rosenberg, president of Tech Council, acknowledged receipt of President Gallagher's letter regarding the possibility of a January graduation ceremony. President Gallagher has taken "under serious consideration" a suggestion made to him by Mr. Rosenberg and Uri Sela, Tech Council Vice-President. The suggestion now under investigation is, "Each school shall have individual ceremonies in the Great Hall at the end of the fall semester with either President Gallagher or a Dean of the school in attendance."

Student Faculty Committee

The Student Faculty Committee on the School of Technology, which has theoretically been in existence since 1955, is to be re-activated this term. Faculty Members will include Professors Bischoff, Hyman, Olsen and Stein, while the student representatives will consist of Richard Kane (EE '64), Dave Alberga (ME '63), Frank Campi (ChE '64), and Guy Engmann (CE '63). This committee is designed to further mutual respect and understanding between the students and the faculty of the School of Engineering and Architecture, and, in this capacity, Tech Council hopes to work very closely with this committee in many of its important projects this semester.

New Constitution Proposed

Later in the meeting a new constitution was proposed by the Executive Committee. This constitution will replace the former antiquated version. Ratification of the constitution will be attempted at the next meeting of the council.

E-Day Postponed Indefinitely

At the recommendation of Professor Avalone, Tech Council faculty advisor, the body voted to postpone E-Day until all the new equipment can be installed in Steinman Hall. Since some of the larger pieces of equipment have just been ordered, this was meant to be taken as a delay until at least Fall '63.

To Fight for Lounges

In spite of repeated failures in their attempts to obtain additional lounge space on North Campus, Council decided to once again press for their objectives. A committee consisting of the delegates from HKN, AIEE-IRE, and the Architectural Society shall wage this campaign.

Geller Is Endorsed

Herb Geller, recording secretary of Tech Council, was endorsed by the body for the va-

(Continued on Page 4)

Student Council Elections October 9

Last Wednesday, September 26, the Student Council discussed the special College-wide election, which will take place on October 9, 10, and 11, to fill vacancies on the Student Council in the classes of 1963, 1964 and 1965. There are three seats to fill in the class of 1963, two seats to fill in the class of 1964, and one seat in the class of 1965. Anyone in these classes may run for the seats if they have a C or better average.

Applications have already been received for these positions but they will not be officially



Ted Brown

approved until October 3. All applications must be given to the Executive Committee of Student Government before October 2. Those students that have already applied for these seats are: Marc Triebwasser and Richard Scheidel who are running for the class of 1963 seats; Samuel S. Eiferman and Robert Levine who are running for the class of 1964 seats; and Carl Weitzman, Jim Baltaxe and Micheal Engel running for the class of 1965 seat.

Executive Vice Presidents

Also at this meeting the Student Council again failed to fill the three Executive Vice-President positions. This post is an Executive Committee position which, under the Student Council By-laws, is filled by a Student Council election. A majority, or 13 of the 24 members of the council, are necessary for

(Continued on Page 4)

Gallagher Announces Change Of Five Deans; To Consider Mid-Year Graduation Ceremony

By MICHAEL BUCZACZER

The appointment of three Assistant Deans and new assignments for two other Assistant Deans at the College was announced last Wednesday by Dr. Buell Gallagher at his press conference. The changes were due in part to the death of Professor Lawrence Hem of the Mechanical Engineering Department.

Professor John R. White of the Civil Engineering Department will serve as Assistant Dean of Curricular Guidance for the School of Engineering and Architecture, succeeding the late Professor Hem. Professor Vincent Del Toro of the Electrical Engineering Department will serve as Assistant Dean of Administration succeeding Dean Hyman. Professor Del Toro, a CCNY graduate, has, among his other accomplishments, served as a faculty representative of the College's Chapter of the Institute of Radio Engineers and co-authored "Principles of Control System Engineering," a text currently in use by E.E. Seniors.

Professor Seymour Hyman of the Chemical Engineering Department will become Assistant Dean of Graduate Studies in the School of Engineering and Architecture. This position had been formerly held by Professor Harold Wolf of the Electrical Engineering Department. Professor Wolf, a CCNY graduate, will become Assistant Dean for Research and Special Projects at the College. Working with Professor Wolf will be Professor Chester B. Kremer.

Jan. Graduation Discussed

During the press conference the possibility of mid-year graduation exercises was discussed. The President acknowledged receipt of a suggested form for a public graduation ceremony. This has not as yet been studied by President Gallagher.

Mentions WUS

Dr. Gallagher commented that whereas student support for public drives and organizations such as CARE, The American Red Cross, the Heart Fund, and so forth, is a very fine idea, there are more important establishments that need our help. In his opinion, such organizations as the World University Service should receive more attention by the students. Such student groups do not receive much public attention and more student effort should be put into these areas.

Dean Hem — Is Warmly Remembered By Students

By MEL PELL

Professor Lawrence W. Hem, assistant dean in charge of curricular guidance in the School of Engineering and Architecture, died on Friday, August 24, in Teaneck, N.J.

Dean Hem, who joined the staff of the Mechanical Engineering Department at the College in 1936, graduated from N.Y.U. in 1930 with a B.S. in Aeronautical Engineering. He obtained an M.S. in Physics and Aeronautics in 1935 at N.Y.U., and the New York State Professional License P.E. in 1949. Professor Hem taught also at the Daniel Guggenheim School of Aeronautics at N.Y.U. from 1930 to 1936 and worked for the Wright Aeronautical division of the Curtis Wright Corporation. He was a member of the following societies: Pi Tau Sigma, Tau Beta Pi, Iota Alpha, The Institute of Aerospace Science, The Society of Automotive Engineers, and the American Society for Engineering Education.

In addition to his teaching and guidance duties, Dean Hem was faculty advisor of the Student branch of the Society of Automotive Engineers. Dr. Hem served four years in the Army Air Forces in the Department of Engineering and Supplies during World War II. He leaves a wife and two children.

Dean Hem will be warmly remembered for his delicate and sensitive approach to the problems of his office. Despite the unceasing flow of students in his small office, he succeeded, with his calm smile, in making everyone feel welcome; it was his task to revise hopelessly intricate programs of studies and to advise students with scholastic difficulties. Dean Hem had to bear the brunt of the recrimination and anger of disappointed students, and his task must have often seemed thankless; yet it was his name which came up in time of difficulty: "I will see Dean Hem — he will help me . . ." It is now too late to thank him, but his memory will stay with us in the College which he served so long and so well.



President Gallagher

LOWERCLASS TECHMEN (And Women Moreso)

Over 75% of the present TECH NEWS Staff will graduate by June '63. Therefore a wonderful opportunity exists for you to obtain a top newspaper position within a fairly short time. Our publishing schedule (bi-monthly) requires little time for this extra-curricular activity from our Staff. We invite all interested individuals to attend our next meeting to be held Thursday, October 4 at 12:00 p.m. in our office F335.

INQUIRING TECHNOGRAPHER

This column, which has been successfully accepted in the past, will be born anew this term by Barry Pressman, Photo Editor, Look for this column in our next issue. You might even be in it!

DATES TO REMEMBER

- Oct. 2 — Last day for filing election cards for spring term.
- Oct. 8 — No classes.
- Oct. 10 — Wednesday classes will meet in accordance with Monday schedule.
- Oct. 12 — Friday—No classes.
- Oct. 19 — Last day for filing applications to the spring term.
- Nov. 6 — Tuesday — Election Day—No classes.
- Nov. 12 — Monday — Veteran's Day — No classes.
- Nov. 21 — Wednesday classes will meet in accordance with Friday schedule.
- Nov. 22-24—Thanksgiving Recess.
- Dec. 24-Jan. 1 — Winter vacation — Dates are inclusive.

HAPPY NEW YEAR

the members of the
Tech News Staff
wish all Jewish readers
A SHANNAH TOVAH



TECH NEWS

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Letters

Dear Editor:

Contrary to the beliefs of many novice engineering students and novice engineers, the learning process does not end with graduation from college; instead, this process is one which continues throughout one's lifetime as an engineer. There is no need to question the validity of this statement, for the proof is obvious. The development of newly discovered phenomena into practical devices is a process which will continue for as long as people exist upon this earth. With this in mind, one can readily see that if one expects to become and remain successful, one must keep abreast of these innovations and inventions. Fortunately or unfortunately, depending on one's outlook, there is a time lag of approximately five years before this information is available in the form of a book. It is the professional society which makes available to the engineer, in the form of lectures, papers and journals, this newly compiled and highly sought after information. There is no better time for the engineer, than his student years, for him to become acquainted with the foremost professional organizations in his field.

A representative of the professional organization is found on this campus in the form of the Joint-Student Branch of the American Institute of Electrical Engineers and the Institute of Radio Engineers (AIEE-IRE). The purposes and aims of this organization are congruous with those of any local branch of almost any other major professional society. The purposes and aims are to:

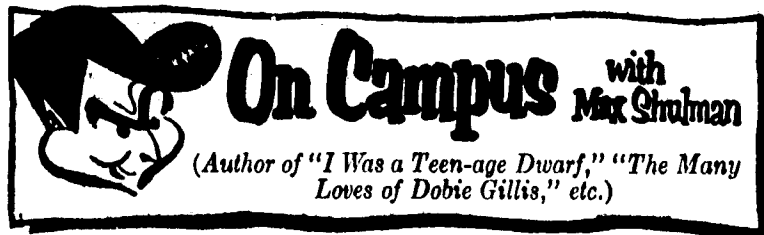
A. provide a coordinating medium for the exchange of information and ideas amongst the members.

B. provide contact between the student member and the national chapters.

C. provide contact between the student member and industry (to be accomplished by lectures, demonstrations, the acquisition and distribution of literature, and the sponsoring of field trips).

This organization is up to date. A year ago, in anticipation of the merger of the two national organizations into the Institute of Electrical and Electronic Engineers (IEEE), the officers of the City College Branch of AIEE-IRE planned and worked out the details of a merger on the home front. It was the belief of the officers that a merger would better enable the organization to serve the electrical engineering student. The organization's plans for this term include student-paper and circuit design contests, possible field trips to ITT Federal Laboratories, RCA, Norden Electronics, and Bell Laboratories. This term's lecture series will include such topics as System Planning, Micro-Electronics, Computers, Lasers, Medical Electronics, Space Tracking, Spacecraft Communication Systems, and others.

Barry Horowitz
Pres. IRE-AIEE



ANOTHER YEAR, ANOTHER DOLLAR

With today's entry I begin my ninth year of writing columns in your school newspaper for the makers of Marlboro Cigarettes.

Nine years, I believe you will agree, is a long time. In fact, it took only a little longer than nine years to dig the Suez Canal, and you know what a gigantic undertaking that was! To be sure, the work would have gone more rapidly had the shovel been invented at that time, but, as we all know, the shovel was not invented until 1946 by Walter R. Shovel of Cleveland, Ohio. Before Mr. Shovel's discovery in 1946, all digging was done with sugar tongs—a method unquestionably dainty but hardly what one would call rapid. There were, naturally, many efforts made to speed up digging before Mr. Shovel's breakthrough—notably an attempt in 1912 by the immortal Thomas Alva Edison to dig with the phonograph, but the only thing that happened was that he got his horn full of sand. This so depressed Mr. Edison that he fell into a fit of melancholy from which he did not emerge until two years later when his friend William Wordsworth, the eminent nature poet, cheered him up by imitating a duck for four and a half hours.

But I digress. For nine years, I say, I have been writing this column for the makers of Marlboro Cigarettes, and for nine years they have been paying me money. You are shocked. You think that anyone who has tasted Marlboro's unparalleled flavor, who has enjoyed Marlboro's filter, who has revelled in Marlboro's jolly red and white pack or box should be more than willing to write about Marlboro without a penny's compensation. You are wrong.

Compensation is the very foundation stone of the American Way of Life. Whether you love your work or hate it, our system absolutely requires that you be paid for it. For example, I have a friend named Rex Glebe, a veterinarian by profession, who simply adores to worm dogs. I mean you can call him up and say, "Hey, Rex, let's go bowl a few lines," or "Hey, Rex, let's go flatten some pennies on the railroad tracks," and he will always reply, "No, thanks. I better stay here in case somebody wants a dog wormed." I mean there is not one thing in the whole world you can name that Rex likes better than worming a dog. But even so, Rex always sends a bill for worming your dog because in his wisdom he knows that to do otherwise would be to rend, possibly irreparably, the fabric of democracy.



"I better stay in case somebody wants a dog wormed."

It's the same with me and Marlboro Cigarettes. I think Marlboro's flavor represents the pinnacle of the tobaccoist's art. I think Marlboro's filter represents the pinnacle of the filter-maker's art. I think Marlboro's pack and box represent the pinnacle of the packager's art. I think Marlboro is a pleasure and a treasure, and I fairly burst with pride that I have been chosen to speak for Marlboro on your campus. All the same, I want my money every week. And the makers of Marlboro understand this full well. They don't like it, but they understand it.

In the columns which follow this opening installment, I will turn the hot white light of truth on the pressing problems of campus life—the many and varied dilemmas which beset the undergraduate—burning questions like "Should Chaucer classrooms be converted to parking garages?" and "Should proctors be given a saliva test?" and "Should foreign exchange students be held for ransom?"

And in these columns, while grappling with the crises that vex campus America, I will make occasional brief mention of Marlboro Cigarettes. If I do not, the makers will not give me any money.

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* * *

The makers of Marlboro will bring you this uncensored, free-style column 26 times throughout the school year. During this period it is not unlikely that Old Max will step on some toes—principally ours—but we think it's all in fun and we hope you will too.

MEN!

Don't Look for

BUTTONS, BANNERS and BUNK

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ALL WELCOME

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"Electives" Are They?

This semester, for the first time in the history of the School of Engineering and Architecture (formerly the School of Technology), every Engineering Department offers "six credits of approved cultural electives to be taken during the Junior and Senior years." However, this emphasis on cultural electives makes one wonder as to the real reasons behind the changes in the curricula. At first, some students felt that the revision was due in part to the many requests of undergraduate students. We now know this not to be true. We are rather led to believe that the revision was caused by indirect pressures placed upon the administration by the Engineer's Council for Professional Development by renewing accreditation for only three rather than the customary five years.

The School of Engineering and Architecture bulletin states:

The curricula in engineering are concerned with the preparation of the student for practice in the particular field of his choice. A portion of the curricula common to all branches of engineering is devoted to study in the fundamental engineering sciences, which emphasizes the development of the engineering viewpoints, attitude, and methods of approach to problems. Undergraduate upperclassmen who plan to go directly into advanced study at this School of Engineering and Architecture or another may have a ten-credit modification appropriate to their individual needs if their academic records are superior.

Both the architectural and engineering curricula provide a substantial cultural background in the social sciences, in written and oral English, and in the humanities. In the last area, an integrated year of study has been developed to increase the student's knowledge of the arts and of the masterworks of world literature and to provide him with a foundation for continued self development. In addition, in his junior and senior years, the engineering student is required to elect six credits total from among the arts, languages, and social sciences.

Does the "engineering curricula provide a substantial cultural background" or is it necessary for the engineering student "to elect six credits from among the arts, languages, and social sciences?"

We believe that the pre-engineering curricula does provide a substantial background and that upperclassmen should be allowed to elect courses that "are concerned with the preparation of the student in the particular field of his choice."

It is our further contention that the Junior or Senior should be allowed to select these courses, if he desires, from among those offered by the Science and Mathematics Departments. We sincerely hope that those same individuals who were responsible for the initial revision will consider this point of view of the student body and will amend their original decisions regarding cultural electives.

TECH LIFE

By RONALD ANTONINO

I refuse to do it. A new school year is with us. Fall '62 has just begun, and since many first-columns around this time of year have a tendency to turn into melancholic reveries, oozing with "what was done in the summer but can't be done now that school is here," I shall not needle you (nor bore you) with such writing.

After all, what could possibly be accomplished by reminding you of how fast the summer has flown? That is has flown I am sure most of us will agree, and that it seems like only yesterday that the last test in June was completed is practically immutable fact. Therefore, there is no need to discuss what we all know.

What is more, I claim that it will do no good to dwell on what we did, where we went, what happened to us, what joy or sadness — that is possible too — took place this newly past summer. It can be harmful and detract from the body of work at hand. For example, picture yourself poring over a text book: at the first difficult passage, when you should be concentrating the most, your hand reaches up to your forelocks and begins tugging or curling them, your eyes glaze, and although you continue looking at the book any experienced forelock tugger can tell from the rate at which your hair is being pulled that you are not reading, you are lost in thought — of the last day at the beach, when the water really and finally felt warm, and there seemed to be more blanket space and less people, and it was so good to just stretch out and yawn like a cat, and lie in the warm sun's rays; or maybe you are not a hair curler but a finger rubber, so at the same passage, instead of forging on with single-minded purpose, you start rubbing your thumb and index finger together, and immediately from them is spun an almost impregnable cocoon into which you withdraw and think — of the green sea and hazy blue coastline and early morning sun, a fishing pole arched under the weight of a recalcitrant fish, as big a bluefish as you had ever seen, the delicious meal it made, ambrosia; or maybe you have no nervous tics, so — that darned passage again — you push your chair back, fold your hands in your lap, glazedly gaze blankly at a blank wall . . . and think — of trips made, places visited, new people, new friends, new lands, of hissing and humping railroads, efficient buses, comfortable cars, gigantic and awesome ocean vessels, of avowals to return (or to stay away), and promise to write. Do you see? So no mention of what happened and how good or bad it all was. Nor will we have any talk of the summer job in this column, or how much was learned, of how they really do things this way or that in the "outside world," of how the "outside world" doesn't know what it is doing, of weekly paychecks and spending money. The jobs will have to wait until we graduate next year, or in two or three years, or — poor, poor freshman — in four plus years.

The term is new, and we should not allow ourselves to be entrapped in the cobwebbed past. This is the time for looking bravely into the future, for facing the year's work with a reckless laugh and a set, determined stance, a time for resolution. As a service, the following is offered to those who have not as yet resolved anything, but it is especially offered to entering Freshmen who undoubtedly do not know what to resolve:

1. to read all assignments five times.
2. to tape record the sixth reading.
3. to have someone wake up at four A.M. and play the tape recordings into your ears while you sleep.
4. to take paraphrased notes on the seventh reading.
5. to read at least four other books for each course.
6. to work each homework problem through thoroughly.
7. to work each problem through again with the opposite hand.
8. to walk from Steinman Hall to Mott in ten minutes.
9. to get at least nine hours sleep every night.

The above are meant to provide some sort of guide to which you can add by thinking up your own resolutions.

When this term is well on its way, and if the going should get rough, possibly this advice by William Wordsworth might be in order:

THE TABLES TURNED

Up! up! my Friend, and quit your books;
Or surely you'll grow double:
Up! up! my Friend, and clear your looks;
Why all this toil and trouble?

The sun, above the mountain's head,
A freshening lustre mellow
Through all the long green fields has spread,
His first sweet evening yellow.

Books! 'tis a dull and endless strife:
Come, hear the woodland linnet,
How sweet his music! on my life,
There's more of wisdom in it.

And hark! how blithe the throstle sings!
He, too, is no mean preacher:
Come forth into the light of things,
Let Nature be your Teacher.

She has a world of ready wealth,
Our minds and hearts to bless —
Spontaneous wisdom breathed by health,
Truth breathed by cheerfulness.

One impulse from a vernal wood
May teach you more of man,
Of moral evil and of good,
Than all the sages can.

The Magic Square

The "magic square" is one of the most astounding mathematical tricks ever devised. It has been called by many "the last word in parlor arithmetic magic."

Draw on a piece of paper a large square, marked off into 25 smaller squares, five rows of five each. (To avoid confusion, from now on let us call the smaller squares "boxes.")

Ask your audience to choose any number from 65 to 500. Suppose they pick 327. Immediately you proceed to fill each of the 25 little boxes with numbers. When all the boxes are filled you announce that every row of boxes — vertically, horizontal, and diagonal — will add up to 327, the number chosen!

And your audience will be more amazed at your wizardry when they find that, **no matter what number they choose between 65 and 500, you can construct on the spot a "magic square" whose boxes add up to that number in any direction!**

HOW TO DO IT. First we must learn how to build the simplest of the "magic squares" — the one whose numbers add up to 65. When we understand this simple square, plus a few additional rules, we can build "magic squares" for any other number between 65 and 500 with just a few strokes of our pencil.

The "65-square" is constructed according to the following three rules:

A) Begin writing in the numbers 1 to 25, starting with 1 in the middle box of the top row, and filling in all the others in order by moving diagonally upwards and to the right.

B) Whenever this operation forces numbers out of your "magic square" and into an imaginary box you must bring your number back into the "magic square" by moving it to the far corner box of that same row or column. For example, number 2, forced out of the square, is brought back by moving it to the far corner, the bottom, of its column. Number 4 is forced out and is brought back by moving it over to the far corner of its row. If you carefully examine the diagram, you will see how easily and simply this works.

C) When it is impossible to put a number in the box diagonally upwards to the right because the box diagonally upwards to the right is already occupied, place the number in the box immediately below the number it is to follow. (See diagram: 11 is placed in box below 10 because the box diagonally up to the right is occupied with 6.)

Now you are ready for your audience. But there is one more thing you must remember about the "magic square." You must memorize the positions of five "key boxes" — the boxes containing numbers 17, 7, 22, 12 and 2.

Suppose your audience picks 65. There is no problem. If they pick 66, 67, and 68, and 69, you build the same square you learned to build for 65 and simply add, respectively, 1, 2, 3, 4, to each of the numbers in your key boxes.

However, if the audience picks a number of 70 or over, you have a little more work to do.

A) Subtract 60 from the number.

B) Divide the number by 5 and start building your square by putting the resulting number in the center box of your top row, etc.

C) If, dividing by 5, you find a fraction left over, ignore this fraction temporarily and construct your magic square beginning with the whole number of your quotient. **BUT**, when your square is completed, take the number left over from your division and add it to the numbers in each of your key boxes.

EXAMPLE: Your audience chooses 327. Subtracting 60, you get 267. Dividing by 5 gives you 53, with two left over. Ignoring the 2 temporarily, build your "327-square" by placing 53 in the top middle box as before, etc., etc. With the square completed, take your remaining 2 and add it to each of the five numbers in your five key boxes. You are now ready to let your audience add the boxes in any direction they wish. They will always add up to 327!

17	24	1	8	15	71	76	53	60	67
23	5	7	14	16	75	57	61	66	68
4	6	13	20	22	56	58	65	72	76
10	12	19	21	3	62	66	71	73	55
11	81	25	2	9	63	70	77	56	61

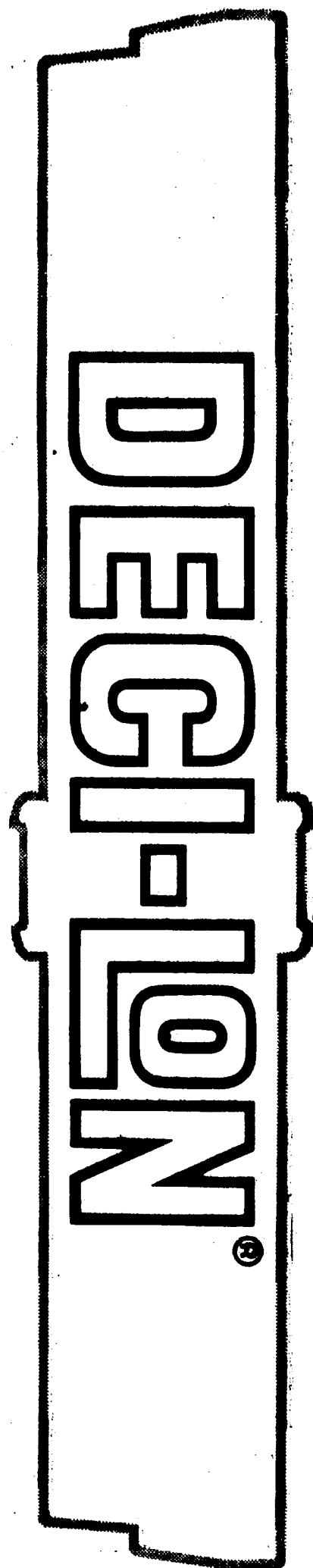
ED. NOTE: TECH NEWS would be interested in seeing a mathematical proof of this method. We are grateful to the Interchemical Corporation for permission to reprint this feature.

Sweet is the lore which Nature brings;
Our meddling intellect
Mis-shapes the beauteous forms of things:—
We murder to dissect.

Enough of Science and of Arts;
Close up those barren leaves;
Come forth, and bring with you a heart
That watches and receives.

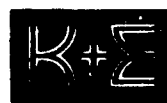
One final word — which you might take as heartening — this column will not, for the remainder of the term, be occupied with what ought not to be said. It will, it is hoped, contain interesting topics of information, issues, and personalities throughout the term. I invite your participation by asking you to contact TECH NEWS concerning topics which you feel strongly about, and which might fit into this column.

Speaking of TECH NEWS, why not join us? It can be fun, rewarding, and we can most certainly use you. You might even improve your writing ability. For example, back in the early thirties, one Gondolfo X. Borsykowski, joined the TECH NEWS staff and became, in time, so proficient in his command of the English language that upon graduation he went out and started his own language. You never know.



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college store.



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Student Council . . . T. C. . . .

(Continued from Page 1)
election to this post, and as in the preceding elections, no one received the needed majority.
The four candidates that ran for the positions this time were Steve Rebach, Alan Blume, Linda Graber, and Judy Kaufman. The election was conducted in the normal Student Council manner, with all of the candidates giving their qualifications and platforms to the body and then leaving the room to allow debate among those council members not running for the post. The final tally after the voting took place gave Mr. Rebach 11 votes, Mr. Blume 9, Miss Kaufman 2, and Miss Graber 2. Another attempt to fill the vacancies will be made this week.

NSA Delegates
Among other business conducted at the Student Council meeting was the election of delegates to the National Students Association convention and the appropriation of \$10 for each of the six representatives to partially cover their expenses at this affair. It was noted by the S.G. Treasurer that the budget only allows for \$65 to

cover expenses of sending delegates to conventions for this term. This means that there will be only \$5 left to cover any other delegates to other conventions that may come this term.
Shortly after this business came a very interesting talk by Mr. Alfred Anger, a German teacher at the College. He has just returned to CCNY after serving on the staff of the Free Berlin University, where he worked closely with their equivalent of our Student Council. He spoke in glowing terms of the work that the German Students, who originally founded the University, were doing in their student government, and said that he was now very interested in ours. He also mentioned that Student Government President Ted Brown, who was in a class of his about four years ago, was one of the best students he ever had.

(Continued from Page 1)
cancy of a '65 Student Council seat.
Technology Council meets every Thursday at 5:00 P.M. in 121 Finley. The meeting is open and all interested tech students are cordially invited to attend. Any tech student wishing to gain experience and to do something for his school and fellow students by working with any TC committee should contact the Council through its mailbox in 152 Finley or make his desire known at any meeting.

JOIN AND SERVE

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BROOKLYN RESIDENTS . . .

Phi Lambda Delta

a municipal rather than a national fraternity that is able to offer the social advantages of a national organization at rates designed to meet the budget of a CCNY Student, will hold its fall

SMOKER

Friday Night, Oct. 5 at 8 P.M.

HOUSE LOCATION: 23 E. 95th St., Bklyn
HOUSE PHONE: PR 3-8254

For Additional Information Call Between 8 and 10 P.M.

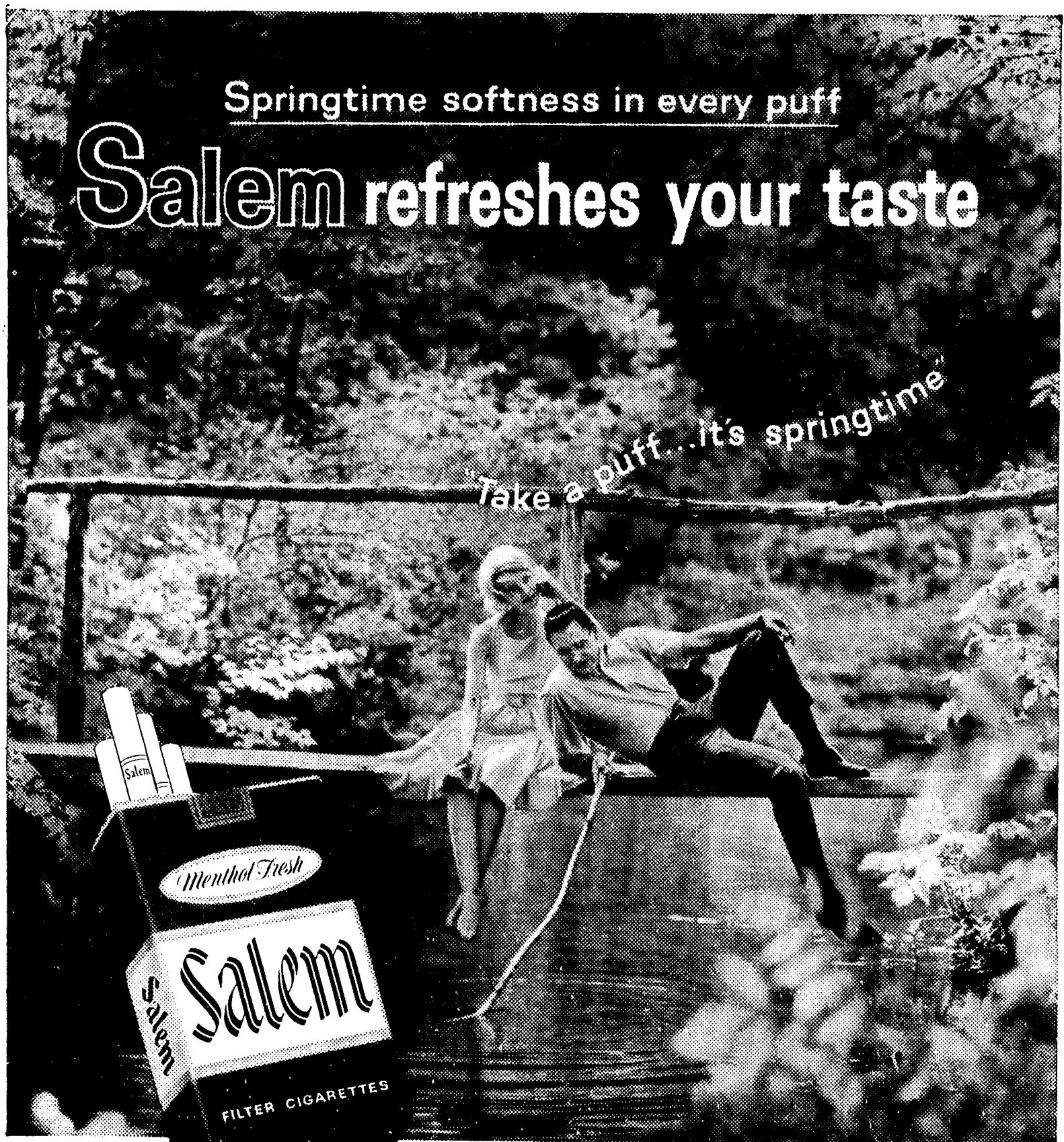
Any Night This Week
ALL WELCOME!



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