



TECH NEWS

CITY COLLEGE OF NEW YORK

WEDNESDAY, MAY 13, 1964

STUDENT FEES

Computer Education Next Week

ow that our new much pub-
d and talked about IBM
computer is finally here and
put to full use, President
G. Gallagher has issued an
ation to various people and
izations to attend a simple
ation ceremony to be held
Monday, May 25 at 12:30 p.m.
the faculty dining room. It will
st of a luncheon followed by
inspection and demonstration
the computer.

According to Dean Vincent
ro, one of the main purposes
the ceremony is to show "an
ession of thanks and appre-
ciation to those who helped the
ge obtain the computer.

One of these organizations is
National Science Foundation.
N.S.F. allocates money for
while projects on a match-
funds basis. When it was
ed that \$36,000 was needed
the preparation of four rooms
the basement of Steinman Hall
the computer, Dean Deltoro
mitted a 40 page proposal to
N.S.F. After consideration of
requests the foundation
(Continued on Page 3)

Architecture Dept. Quashes Rumor

By JOSEPH BOCK

In a meeting held last Thursday by the Architecture students, Professor Rappolt, head of the department stated, "Someone has spread the rumor that we were denied accreditation. The fact is, however, we were never denied accreditation."

The meeting was called because of a growing concern over the department's lack of accreditation. There seemed to be an air of "something's got to be done, and it better be done soon." Several students made some harsh and rather pointed remarks.

Professor Rappolt tried to explain that the reasons that the department had not as yet applied for accreditation to the State were twofold. First, "It was suggested by the accrediting committee that application be made after the first class graduates," and second, "We would be getting more facilities later on and thus be in a better position to apply."

He explained that in the application for accreditation there are questions about the school in general and about the Architecture Department in particular. "As far as City College in general is concerned, they know enough." There
(Continued on Page 2)

Campus Robberies Prompt ID Check

By KEN SANDLER

Recent robberies on campus have prompted Department of Student Life officials to require strict enforcement of Identification card checking by Burns Guards. In a story in **Main Events**, evening session newspaper, it was stated that in the future all students entering the South Campus on Thursday and Friday nights will be required to produce City College Identification cards.

When TECH NEWS asked Mr. Jerrold Hirsh of the DSL about the crackdown he said, "We have always checked I.D. cards. We are not cracking down, we are enforcing the rules. If you read the back of your I.D. card you know that you must present it on demand to any DSL official or Burns Guard." When we mentioned that we had never seen anyone stopped in the last three years Mr. Hirsh said sharply, "Have you taken a survey? Do you really know?"

TECH NEWS did take a student sampling and discovered that most of those queried had never been stopped and asked to produce identification. None had ever been stopped more than twice. All agreed however, that strict checking of I.D. cards would be beneficial.

Several student organization offices were reportedly entered and robbed last term. At that time, the DSL requested that unattended offices be kept locked. Students had been leaving offices unattended and unlocked when they left and expected to return.

Clemens Elected EE Dept. Chairman

By HARVEY HOFFMAN

Last Thursday Professor George J. Clemens was elected chairman of the electrical engineering department. He is to succeed Professor Herbert Taub who has held the post for the last six years.

An election for the chairmanship of the electrical engineering department is held once every three years. It is a closed ballot election in which the winner must have a majority of the votes cast. All members of the faculty (teachers with professional rank and instructors holding tenure) may vote.

Professor Taub stated that he "was not a candidate" because he would like "more time for professional activity." He is also in the midst of revising "Pulse and Digital Circuits," a book which he co-authored with Professor Jacob Millman (Columbia University). This book is presently being used in EE 135.

Professor Clemens, who will assume the post on July 1, graduated from City College in 1931. The following year he joined the staff of the Drafting Department



Professor Herbert Taub

at the College and a short time later became a member of the electrical engineering Department.

Professor Clemens does not ex-
(Continued on Page 2)

Vector Review

By SHELDON ZAKLOW

If a publication achieves excellence at some time in its history, it is inevitable that future editions be compared to those of recognized quality. The May, 1964 issue of Vector falls short of the award winning issues of several terms ago.

The newest issue contains only two feature articles, "Basic Principles of Inertial Guidance" by Wallace Gottlieb, and "Infinitely Variable Drives" by Bruce Hyman, in addition to the regular Vector features.

The factor that keeps the May issue afloat is Mr. Gottlieb's article on Inertial Guidance. This article is in the fine tradition of

Vector writing. It is clear, accurate, well-written and of interest to a large number of people. Mr. Gottlieb discusses the overall principles of an inertial guidance system without going off into the almost infinitely complex technical problems involved in the engineering design of such a system. The article discusses a simple feedback system, accelerometers, gyroscopes, and computer control in relatively non-technical, understandable terms. The author's major "error" is that he assumes most people understand the "familiar law of gyroscopic motion." As most physics students will testify, that law is anything but familiar.

Mr. Hyman's article on continuously variable drives concentrates entirely on mechanical drives varied by means of changing the working radius of one or both of the drive wheels. It is an accurate presentation but covers only a small facet of variable drive mechanisms and as such will probably not be of interest to a great many people.

It is unfortunate that Vector contains no articles based on student research; the closest approach to this is the highly technical "Engineering Highlights," an article derived from research being carried out by various corporations doing engineering work.

The new issue contains the traditional "Vector Volts" and crossword puzzle in addition to profiles of the presidents of the five engineering honor societies and an editorial of interest to all engineering students.

NSF Project Studies Liquids

By FRANCINE COURNOIS

In February, 1963, the National Science Foundation appropriated \$14,000 to the College for a project to study the melting and freezing of liquids. Work along these lines has been undertaken by a group of seven undergraduate students during the academic year and four during the sum-



NSF project team (from left to right): Niles Johanson, Bob Gutelman, Professor Menkes, Dick Stelling, Ed Rubin, Bruce Hyman and George Lewis (bottom row).

months.

At present those working on the project are Bruce Hyman, Niles Johanson, George Lewis, Ed Rubin, Martin Schulman, Dick Stelling, and Michael Urko. All undergraduate Mechanical Engineering students, and re-

search assistant Chern Tsai, a graduate student. Professor Sherwood B. Menkes of the Mechanical Engineering Department is in charge of the program.

Water has been used in all experiments because its tempera-
(Continued on Page 2)

New Job Statistics

By ELAINE BOGAL

A very early set of employment statistics for this term's graduating technology students has been released by Mr. Charles Meyer of the Placement Office. Mr. Meyer expressed the wish that more of the 268 registered students would inform him of their future plans. As of May 8 only 71 June graduates had reported.

Many companies have been holding back offers and claim that they are still considering some of our students. The reverse is also true, some students are evaluating offers made to them by various companies.

The following figures for the graduates of June 1964 are complete through Friday, May 8 (Registered with the Placement Office this term are 120 EE's, 77 ME's, 35 Ch.E's, 30 CE's, 6 Arch., 10 physics, and 6 Math.)

	Private Employment	Civil Service	Grad School	Not Heard From	Avg. Salary	High	Low
EE	16	4	13	87	613	650	583
ME	17	1	3	57	599	635	560
Ch.E.	6	3	4	17	601	635	580
CE	0	0	2	33	—	—	—
Arch	1	0	1	4	—	—	—
Physics	1	1	3	5	—	—	—
Math	0	0	2	4	—	—	—



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Let's Keep It This Way

Last Thursday at the Charter Day ceremonies in the Great Hall, each of the speakers emphasized a fact of which most of us are well aware: that City College is great. While praising the college's role as the bastion of free higher education in the United States, they also pointed out that it is one of the most outstanding academic institutions in the country.

In this year's senior class are seventeen Woodrow Wilson, Danforth, and Fulbright Fellowship winners, twelve NSF Fellowship winners, forty-eight New York State Regents College Teaching Fellowships, nine New York State Regents Scholarships for Medicine and Dentistry and 143 University and Special Fellowship Awards.

This is quite an impressive record, isn't it?

We think it is, and we would like to see the College keep up the good work. Yet these facts may not always be true and it appears that we are now at a point where the future of the College as a quality institution does not seem to be as bright as its past.

The College's administration, with the good intention of wanting to provide a college education for the maximum number of students, seem to have lost sight of the issue of quality education.

Increasing the enrollment without adequate facilities poses many problems. Large lecture classes, using the Finley Student Center and all-day classes which may lead to dissatisfaction among students and faculty members can only result in a lowering of the College's academic standards.

It is up to the student body and the faculty to raise their voices and let their opinions be known, before we may have to be ashamed of City College as a second-rate school.

Happy Hunting

As reported last week, the *Wall Street Journal* confirms what many of us already know — engineering jobs are difficult to get. Particularly hard hit are the electrical engineers, obviously more sensitive to the cutbacks in defense spending. We can only guess at how many of you would like to have a go at the adviser who told you to take up engineering because you did well in math and science. If you have any doubts, major in mathematics or physics.

For those in the top of the class there will be only minor difficulty in getting a job. Your starting salary will be higher than ever. Congratulations.

Some of you may even be wondering about the quality of your engineering education. If your interest is solely in a job, maybe vocational school would have been an answer to your present dilemma? Maybe.

For those who blame the government for the present situation, the government, you can be sure, is willing to make amends. It will be more than pleased to give you an alternate job in New Jersey — Fort Dix. March!

All kidding aside, good luck.

Editors Elected

Richard Rosenfeld, an upper sophomore majoring in English, and Sheldon Zaklow, an upper senior in mechanical engineering, have been elected co-editors-in-chief of TECH NEWS for the fall term.

Other students elected to the editorial board are: Jerry Schuchman, News Editor; Natalie Cohen, Features Editor; and Francine Cournos, Copy Editor. Also, Joseph Bock, Column Editor; Sam Eiferman, Contributing Editor; Elaine Bogal, Business Manager; Sharon Lewis, Managing Editor; and Phil Burton, Photo Editor.

Almost the entire staff of TECH NEWS joined the paper in the spring term of 1963. The January, 1963 graduation had left the paper with a staff of five, four of the staff members were to be graduated that June. A staff-recruiting drive, given publicity by *Observation Post* and *Campus*, resulted in an addition of ten people to the TECH NEWS staff.

When these ten took over TECH NEWS at the beginning of this year, the paper flourished. With a full staff, they were able to publish regularly and to increase the paper's scope and readability. TECH NEWS' circulation is now 5,000 per issue, of which almost 1,500 are distributed on the south campus. As TECH NEWS grew in stature, many students joined the staff; it now includes more than twenty students.

Four members of this "new frontier in TECH NEWS" will graduate in June. Completing their stay on the editorial board are Wallace Gottlieb, Harvey Hoffman, and Frank Martines, all EE's, and Marty Miller, CE.

Architecture

(Continued from Page 1)

are no problems in this respect.

In the Architecture Department they are concerned with the following: the curriculum; general information such as the date of the department's formation; and physical facilities.

"We didn't stand up well in this last respect in the beginning," the department head went on to say, "but we have now added five rooms in Goethals and forty tables in Harris and various other facilities."

One of the students present, Ernie Andon, had three extremely critical remarks to make: "A few students decided to judge our position by themselves, and we feel we will not be accredited. Our facilities compare very unfavorably with those of other schools. The qualifications of the teachers could be better and the head of the department should at least have an architecture degree."

One point that was brought up over and over again throughout the meeting was the state of affairs of the library's architecture collection. Besides the lack of a sufficient collection, there was a strong dissatisfaction with the fact that half of the books were in the Cohen Library and the other half in the Tech Library.

In regard to the latter point, Professor Rappolt said he was glad that this was brought up and it would be given full consideration. He also said that "Any book we request, we get," and that the library's facilities are growing at a proper rate.

In summation, he said, "I don't see any reason why we should not be accredited when we make application."

Letters —

To the Editor:

Is it necessary for the buzzer in the Tech Library to sound so loudly, if at all.

Can't the signals be attenuated, as in the Cohen Library?

Sometimes I wonder if the Tech Library is run on the principle of spiting the student rather than accommodating him.

Lou Carlalano (807)

Club Notes

THE STAMP AND COIN CLUB

The Stamp and Coin Club will meet in 014H, Thursday, May 14. Mr. Ernest A. Kehr, world famous editor of the *Tribune*, will speak on "The Romance of Stamps."

PHYSICS SOCIETY

Physics Society Presents Professor Tiersten speaking on the phenomena of "Tippe Tops" in Room S105 at 12:30 p.m.

SIGMA ALPHA

Sigma Alpha, the honorary service society will hold a flower sale next Thursday. Proceeds to go to a scholarship fund for foreign students who are coming to the College.

NSF

(Continued from Page 1)

ture range is easy to work with, but it is hoped that the results will apply to solid-liquid systems in general. The findings will then have practical importance for those industries in which the time required for the freezing and melting processes, and the range of temperatures under which the processes are most efficiency carried out, are pertinent matters. Such industries include metallurgy, frozen-food packaging, and the construction of nuclear reactors.

To date the group has reported significant data for three phenomena: The freezing of a column of water, the melting of a sphere of ice, and the propagation of ice in two dimensions. The rate at which the surface area of a solid grows and the temperature distribution in solid-liquid systems are carefully observed. Equations have been solved for one-dimensional melting and freezing, and work is underway to confirm the validity of these results by approximating one-dimensional conditions of ice growth. Similar ideas are applicable to the freezing process in two and three dimensions, and although equations have not yet been solved, the data obtained will provide a useful basis for future work. Numerical solutions have been verified by 300 hours of work with the LGP 30 computer and two programs are currently under way in City College's new IBM 7040 digital computer.

Professor Menkes said the problem originally arose in connection with his consulting work at the United Nuclear Corporation. When uranium in a reactor is bombarded with neutrons, the near side of the metal melts while the far side remains solid. The question of what occurs between the hot and cold metal led to the problem of how a phase interface moves between a liquid and a solid.

It is hoped that the project's NSF grant, which terminates this June, will be renewed next semester. Otherwise the search will nevertheless be continued by several students in connection with one of their ME courses. These students and those already work-

Bent Erect



Tau Beta Pi Bent

By NATALIE COHEN

A bronze casting of the symbol of the national engineering society Tau Beta Pi, has been erected on the rear terrace of Steinman Hall. The Bent, originally scheduled for planters in front of Steinman, this idea was rejected by the Committee of the Department of Buildings and Grounds because it was felt that the Bent was artistic enough. The Stein lobby was rejected for the same reason.

The Bent was put up by the New York chapter of Tau Beta Pi. According to Jerry Gollub, vice-president of the society, putting up the Bent we hoped to gain the recognition we deserve, the national engineering honor society, covering the entire engineering field, rather than any specialized area.

Tau Beta Pi originally hoped to dedicate the Bent to the late Lawrence W. Hem of the Society of Engineering and Architecture but this idea was rejected.

The Bent is representative of the part of a railroad trestle that bears the full weight of the train. The casting is about one-hundred times the size of the Tau Beta Pi pin.

The Bent was rough-cast when received at City College, and according to Mr. Gollub, "We decided to leave it that way. We decided to polish it, so it was polished about a foot of it, it was a formidable task, so we kept it the way it was. We put it out on the terrace in the hope that nature and the elements would finish whatever effects we were striving for."

E.E. Dept.

(Continued from Page 1)

pect to "change any department policy" in the foreseeable future. He will restrict his teaching to one lecture session (EE 135).

Professor Taub summed up the faculty's feelings when he stated that he was confident that Professor Clemens will administer the Department in a completely successful manner.

ing on the project, who received a nominal stipend for up to 10 hours of work per week, feeling the major benefit derived is the opportunity to gain experience in research.

Thirty

By HARVEY HOFFMAN

Five years have come and almost gone since I entered these hallowed halls.

During this interim two buildings were constructed, the electrical engineering curriculum underwent two revisions, President Gallagher left and returned, several firm (I hope) friendships were formed and I became an engineer. But, certainly I have to thank both The City College and the people of New York City for this education and for the opportunities I've derived therefrom.

It would seem natural for a senior approaching the momentous day when he graduates to be a little excited or at least to have some feeling akin to it. But, after being a senior for two years and an engineering student for five years these emotions have been blunted. I approach my impending graduation with a sense of relief. Relief because after five years of "blood, sweat and tears" this grinding tortuous path is approaching its end.

I entered City College from Stuyvesant High School well prepared for the difficulties that confronted me but, nevertheless, wary of the reputation that the School of Technology had. Further doubts of my ability to become an engineer were placed in my mind when the freshman class received a "pep" talk in the Music and Art High School auditorium and was told that "the persons to the right and left of you would not graduate."

I bring this up to make the following point: I firmly believe that a student capable of graduating from City College is an engineer has the ability to succeed in almost any field, all it requires is intensive study and long hours of work.

I am indebted to the teachers at City College for proving, at least to my satisfaction, that I am capable of providing a concentrated and sustained effort to secure some goal. This knowledge alone has given me the confidence to attempt almost anything that I will ever be confronted with and is probably the single most important idea that I have derived from the College.

The learning process should contain more than a "trade" school education. By participating in extra-curricular activities a new dimension is added to the individual's personality. Until this past year I had relatively little time for these activities. But, last September I joined the TECH NEWS staff. This resulted in one of the most rewarding experiences of my college career.

Although I am weary of the college routine, immediately following graduation I will be entering the New York University Graduate School of Engineering and Science. I would like to obtain a greater proficiency and a more rigorous understanding of the electronics field before I enter industry.

If I achieve any measure of success in my life (during or after graduate school) it will be directly attributable to the training I received at City College. Inherent in this training is the idea of self-discipline, which even if not taught formally, is the underlying principle that each student must learn from the day he enters the College. It is this idea which transformed me into a mature and responsible member of society.

Ken Sandler

(Continued from Page 4)

cial girl, and a weekday free and clear, take her to Orient Point. But only if she really enjoys life — and you, and only if you enjoy life — and her.

I think of Jimmy and his poetry. He used to mumble as he walked, always mumbled, until someone stuck a knife in his back.

Nelson Algren once described woman as "a leaky douche bag and a tube of ky." Well, that's what I've been chasing these last years. And right there lies my greatest mistake. I thought that college was for fun and parties and that's where I devoted most of my time. My grades reflect that now. And there is no way to place the blame for all the wasted time on anyone but me. Concern with social life doesn't merit mention in a transcript of college grades. Lack of interest in courses isn't get excused because of preoccupation with car or with going up a party. They say that the road to Hell is paved with good intentions. It's very true. Most of those good intentions are mine.

It's been a long run . . . and I'm glad to be leaving . . . but how deep a question lurks, showing itself on occasion. Did I really learn from all those mistakes?

the last and final — 30

Senior Places Second In IEEE Paper Contest

By JERRY SCHUCHMAN

Second prize in the "Tenth Annual Student Presentation Paper Contest" has been won by Anthony Dinardo. The New York-New Jersey regional IEEE was held May 2 at City College. The purpose of the contest is to get students to do original work in electrical engineering. Papers from ten schools were entered. Six finalists presented their individual papers in front of an audience of eighty-five people. Each student had fifteen minutes to present his paper. Following the presentation there was a general question and answer period. Six engineers from industry judged the contest, four of them had read the papers previously and were present for the oral presentation, and two auxiliary judges who were present only for the oral presentations.

The first prize of two hundred dollars went to Roy Rosner of Cooper Union. The second prize of one hundred dollars went to Tony Dinardo of City College. His paper, "Intrinsic Two Channel Communication System," discusses communications systems that are capable of handling two messages simultaneously without time or frequency multiplexing. Scoring was equally distributed between the oral presentation and the written work.

A dinner followed which has as its guest speaker, Mr. Ketchledge of Bell Telephone Laboratories speaking on the "Lark Immortal Machine." Mr. Russ of Schenectady, New York, presented the awards.

Computer

(Continued from Page 1)

awarded half this sum to the college on the stipulation that it allocate the other half itself.

There were three contracts involved in this project; construction, costing about \$5,000; air conditioning, costing \$19,000; and an electrical contract amounting to \$12,000.

Also invited to the dedication ceremony are the Budget Director of New York City and Commissioner Brown of the Department of Purchase. All requests for funds go to the Budget Director before going to the Mayor. About a year and a half ago the College made such a request to the Budget Director for \$65,000 to rent an IBM 7040. The Budget Director thereupon arranged to have the Department of Purchase, which makes available data processing equipment, buy the computer at a discount of 60% for \$305,000.00. Because of the savings of a few hundred thousand dollars it was decided to buy the computer rather than rent it.

The various Deans of the college as well as representatives of the City University of New York including Gustave Rosenberg, Chairman of the Board of Higher Education, Chancellor Bowker and Dean Rees of Graduate Studies are among those expected to be present.

Invitations were also sent to IBM, to the University-Wide Computer Center consisting of members of each senior college and to the Advisory Committee in City College whose purpose according to President Gallagher is "being informed concerning the use of the computer in undergraduate research."

—Bock

Thirty

By WALLACE GOTTLIEB

This has been a bad year for electrical engineering graduates at the College. The number of new engineers needed in the electronics and aerospace industry is the lowest it has been in recent years, and the boys here are feeling it.

The poor employment situation has caused a bitter feeling in many of my fellow seniors. There is a popular way of putting it: "It's lousy that after going through five years here we have to sweat like this." Many of them are sorry that they majored in EE; some are even sorry that they came to City College.

I was lucky. I received (and accepted) an offer from the company which was my "first choice." It wasn't all smooth sailing, however. I had my first interview with the company's representative in mid-February; March and April had passed before I received the offer. In the intervening ten weeks I went through much of the same ordeal that other EE seniors have been going through this term. I received several of the polite thank-you-for-your-interest-in-our-company-but-we-don't-need-you kind of letter that engineering firms have been mailing out recently. I became worried for a while and joined in the "sweating." There was even a time when I almost became fed up with it all . . . but I never regretted, not even for a single second, that I attended City College.

Most students here have a very narrow view of the College and their relation to it. The engineering seniors who are "sweating" now came to the College with just one goal: to get a job. Now that they are having trouble, they condemn the College, and blame it for failing them. The College means nothing to them — they lack school spirit, they don't know or care about what is going on here — they just want to get a job. These students get nothing out of College life other than what they get out of their textbooks.

In my first few terms here, I was heading toward this same fate. I was well along on the apathetic road when I discovered extra-curricular activities, the most important of which has been TECH NEWS.

When I joined TECH NEWS I discovered City College. I became acquainted with every facet of College life. I became aware of the greatness of the College's heritage and its illustrious past.

But most important of all — and I consider this to have been my most valuable extra-curricular experience — was the opportunity I had to meet the people of the College. I have interviewed deans and department heads, professors and porters and Burns guards. I have spoken to the liberal and to the conservative, to the religious and to the atheistic, to the rich and to the poor. The City College community is made up of such varied and interesting individuals that an entire education can be had by just speaking to them.

On TECH NEWS I gained useful experience in planning and carrying out a large-scale program. As editor-in-chief I took charge of an organization of almost twenty-five students. This gave me a chance to get a good deal of confidence in myself and in my ability to assume responsibility.

I can write volumes on all that I have gained from my association with this newspaper, but a thirty column is supposed to be a summary of all that the College has meant to me.

In two weeks I will have completed one of the best engineering curricula in the nation. It was tough; I spent many sleepless nights with my text books, pushing my slide rule so that I might know "what's comin' off." I am fortunate to have had some very outstanding men and women to help in this task — men and women to whom I will forever be indebted. My science and engineering instructors have not only provided me with a firm technological foundation; they have also instilled in me the desire and know-how to add to this foundation. My liberal arts instructors have pointed the way to better understanding of society, of other people, and of myself.

While attending classes and laboratories, I studied and worked with a great number of students. Usually, in a large and impersonal institution like City College, one's fellow students are never much more than temporary acquaintances. Personally, there are several instances in which I hope this is not true. Harvey, Teddy, Frank, Harvey H., Marty . . . you guys are great! I hope that our friendship will continue long after we leave the College.

Another important part of an engineer's stay at the College is the Placement Office. This term, especially, in these times of abundant rejection letters, the Placement Office must represent a word of encouragement, a dependable

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Thirty

By KEN SANDLER

Four years is a long run. It hasn't been all progress either. I've often wondered what the hell I'd write about come "thirty" time. I've read every thirty column written here in the last several years. Vic Grossfeld's was the best, perhaps Mel Pell's disappointed me the most.

What is a thirty? It's your life, your living moments at the College. The four years in this prison bound by city streets. It's something which you write for yourself. You don't give a damn if anyone reads it, you don't write it for readers. You think back, you've been on the paper longer than anyone else, too long, so long in fact that you finally see things as they really are. And you don't like what you see. Students come and go, join organizations, work for them and sometimes rise to the top, and then are gone. And who remembers, who cares? You see the stupidity of it. Do any of them leave a mark, a lasting monument? But at least you get a thirty column, that's more than most get. It's something which no one will read but it lets you get out free. You leave your four years' sweat in your thirty column.

But there are other thoughts.

And you think of the good times, and lighter moments. The wild rides through Queens, searching for the legendary "party row." The wonderous street in Bayside where there is a party in every house on the block. Where the girls grow twice as lovely as anywhere else. Where, when you tire, if ever, of the parties you can watch the drag races of the neighborhood kids on the potholed streets. Does this place really exist? You bet your life it does. I'd first seen it a long time ago and hadn't thought to take notice of the street signs. About two months ago I happened by chance on the street again. It was a clear, crisp Friday night and "party row" hadn't changed a bit. But I'd changed. The luster that had lured me back was gone. The street appeared sad. Truly the pleasure of paradise is in the pursuit, not in the arrival. Where is this promised land? Hell, find it yourself.

Of course a mention of Stan Eiferman is due here. Stan, who loves himself dearly, has thrown some of the wildest parties ever seen.

There's one party I'll never forget. The spirits were flowing fast and furious and there were intermittent brawls. The downstairs neighbor in the apartment building where the party was held started a marathon banging session on the steam pipes to protest the noise. She should have known better. One guest, a little above the weather (he was floating off the ceiling) hung out of a window and using an alarm clock tied to a long rope, smashed in two of the protesting neighbor's windows. One lively fellow at that party lied down next to a door and when a girl walked in he let loose from ground level with a loaded seltzer bottle. Miss Wet Panties let out such a blood curdling scream that even those on line waiting to get into the bathroom left their places and ran to see what had happened.

It was standing room only in the bathroom because some young lady had laid squatters rights on the bathtub and was willing to cohabit with anyone interested. Why the cops didn't come that night is something that will never stop amazing me — or the neighbors who called them.

There are so many others who deserve mention — old friends from my early days on TECH NEWS. Valerie, Joe, Ted, Mel. Mel is the only guy I've ever met who has a sense of ethics. The people I met in co-curricular activities; Fred Bren, Ted, Al Blume, Ira, Lou, Carl Weitzman — who finally got himself elected — the Bustamentes — Paul and Vincent, Marty Nixon, all the phonies in House Plan — from the top to the bottom.

I think of Ann, Linda and Barbara and the girls at Hunter, Stan's Joyce, Diane, and Marilyn. I remember Nightmare Alice, I think now of the ones who were exciting yet dull and of the one who was cold yet exciting. My close friends know. And I think of Nancy, who was hoaxed and of Stan who didn't get what he should have.

I think now of the year I spent learning philosophy in Professor Becerra's classes. Of his concern with "de boys and de girls."

I remember the fairies in the Wiley House Plan I joined. The Christmas party in Whitestone. Good old Spencer.

I think of the midnight rides and of the Hamptons, of the South Shore and of Orient Point. If you've got a really

IEEE Tours Monmouth

During the Easter vacation a group of 25 students, under the sponsorship of the IEEE, went on a field trip to Forth Monmouth where they toured the Hexagon, and the research and development building.

The purpose of the trip, which was under the supervision of Professor Charles Lawrence (E.E.), was to observe the research and development that the military performs.

According to Jack Feinstein, the field trip chairman, "The Army treated us with the greatest ease and aplomb. Several officers escorted us and acted as our guides."

The students visited the Radio Wave Propagation Center where a device that measures the height and frequency response of the ionosphere is housed.

An overnight trip to General Electric's Schenectady laboratories is being planned for next term.

Wallace Gottlieb

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source of advice, and a shoulder to cry on. I have found three in "Chuck" Myer, of the College Placement Office, who is one of the nicest people I have ever met. As long as he is at the College, seniors will have friendly and dedicated service when looking for a job.

I have mentioned everything at City College that has had great significance for me; things that will continue to shape my life for years to come, the College itself, my education, the beginning of my career. But they all would have had much less meaning for me had it not been for my parents; two wonderful people who were behind me every step of the way — who encouraged me if my marks were low ("But your 32 was the third highest mark in the class"), who helped me put out TECH NEWS ("No, I don't think your 'thirty' column belong on the first page"), who reassured me that I would get the job I wanted ("Don't worry, you'll be as good as get to the moon"). They did as much for me when I was a "mature college man" as they did when I was a young child.

I will miss City College after I leave. I will never forget what it has done for me. I hope that it forever remains tuition free and that students here will always fight, rally and campaign to assure that it will.



Let's say for a minute, this is you.

Once you wear the gold bars of a second lieutenant in the United States Air Force, what's in store for you?

Well, you may fly an aircraft entrusted with a vital defense mission. Or you may lead a research team tackling problems on the frontier of knowledge. You'll be helping to run an organization that's essential to the safety of the free world.

Sounds like you'll be called on to shoulder a good deal of responsibility, doesn't it?

But when you come right down to it, that's what your college

years have been preparing you for. You've got ability and a good education. Now's the time to put them to work!

You'll have every opportunity to prove your talents in the Air Force. By doing so, you can put yourself and your country ahead.

If you're not already enrolled in ROTC, you can earn your commission at Air Force Officer Training School—a three-month course that's open to both men and women college graduates. To apply, you must be within 210 days of graduation.

U.S. Air Force

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