

TECH



NEWS

SCHOOL OF TECHNOLOGY

VOL. V NO. 1

THURSDAY, SEPTEMBER 27, 1956

BY STUDENT FEES

CCNY TO BUILD NUCLEAR REACTOR

The four engineering departments in cooperation with the chemistry and physics departments have announced plans for the construction of an experimental subcritical nuclear reactor. The assembly and auxiliary instruments will be housed in a room under the stone seats of Lewisohn Stadium. Installation should be completed by the end of this semester.

If completed on schedule, the nuclear reactor will be used for demonstration purposes during the latter part of this term. By next semester, the reactor assembly along with new laboratory equipment and demonstration apparatus will be incorporated into courses of all the participating departments on the undergraduate level. A course called "Nuclear Science for Engineers" will be offered on the graduate level.

The reactor at City will be used entirely for instructional purposes. It differs from the larger research reactors found in a number of other universities, which pioneer in scientific work but which are rarely used in conjunction with college courses. At present, this type of reactor is found in five or six other colleges in the country.

Efforts to build a nuclear reactor for instructional use was given impetus by the Atomic Energy Commission when it approved the plan and agreed to lend the college 5500 pounds of natural uranium and a 25 curie neutron

Cont. on Page 8

SCHMIDT NEW CH.E. CHAIRMAN



PROF. ALOIS X. SCHMIDT

Professor Alois X. Schmidt has been appointed chairman of the Chemical Engineering Department. He will fill the seat of the late Prof. G. Edwin White who died suddenly at the end of last semester. The new chairman is an alumnus of this college, from which he was graduated in 1925. He obtained a Master of Arts degree (Chem.) at Columbia.

After more than nine years in industry, Prof. Schmidt returned to the college as a faculty member of the Chemical Engineering Department. He has been with the College since 1935. During this time, he has seen the department grow to have one of the largest Ch.E. student enrollments in the country.

Prof. Schmidt is looking forward with great hope to the open-

Cont. on Page 4

ELLSON CHARTS TIIC PROGRAM

The Tech Interfraternity Intersociety Council is composed of representatives from the 19 tech organizations on campus. The purpose of TIIC is to coordinate the activities of its members, represent them in matters of mutual interest, and to sponsor any projects for the betterment of The City College.

In cooperation with the Placement Office, TIIC sponsors a semi-annual talk on "Job Opportunities", and all necessary meetings to inform seniors about the interview process at the college.

Last semester two major projects were E-Day and the Personal Development Program. The success of both can be attributed to the joint efforts of responsible student leadership and excellent student-faculty relations.

Cont. on Page 6

NEW RULE ADOPTED

TECH ACADEMIC STANDARDS REVISED

The faculty of the School of Technology has adopted a new rule on scholastic requirement which will apply to all engineering students. At the same time, the faculty eliminated the "C" minimum rule which had been invoked last year by the Electrical Engineering dept.

The new regulation requires lower classmen to maintain a combined average grade of "C" or better in chemistry, drafting, mathematics and physics courses prescribed for a degree in engineering. If after the completion of 45 credits, a student does not meet these requirements,

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TECH NEWS

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FAREWELL TO MR. BONFORTE

Mr. John R. Bonforte, Director of Placement was instrumental in the expansion and improvement of the services of the Placement Office in the past few years. He concerned himself with informing the students on the various aspects of getting jobs. Mr. Bonforte made it a point to stress methods and manners of interviews in his talks on job opportunities. We are grateful to him for his efforts and accomplishments, and for his interest in the student body.

On Sept. 14, Mr. Bonforte resigned from his post at the college. We wish him well in his new position at Pratt Whitney Aircraft.

JOIN A SOCIETY

Joining a tech society will provide an understanding of engineering not available in the classroom. The diagrams and figures in the text books become work-physical demonstrations

when seeing a plant in operation, during one of the semesterly trips made each term. In addition to the interesting and timely lectures given, the student is afforded the opportunity of growing with the organization by joining its committees. Such experience cannot be measured in academic terms. Let your tech society help you develop. --
JOIN ONE !

PROF. WHITE

It is with sorrow that we begin this semester without the capable instruction and guidance of Prof. G. Edwin White. He was a member of the Chemical Engineering Dep't. for 33 years, and until his passing he was the department's chairman. Prof. White's loss will be deeply felt by the entire college community.

WE NEED YOU !!

Like to work for Tech News? Then why not drop into our office, F335 or fill out a form at the TN Bulletin Board.

Be thou freshman or senior, guy or gal, writer or typist, there is a place for you on our staff. Working on a newspaper is lots of fun; besides, we need you!!



	D A Y	
Monday	2:00 - 5:00 P.M.	
Tuesday	2:00 - 5:00 P.M.	
Friday	2:00 - 5:00 P.M.	

JAN. '57 GRADS

A talk concerning on-campus interviews will be delivered by Mr. Saul M. Brenner of the Placement Office on Monday, Oct. 1, in the Townsend Harris Auditorium at 4 P.M.

All seniors graduating in January 1957 with degree objectives in engineering, chemistry, math or physics are expected to attend. They will be briefed on the opportunities in the various fields, and they will be able to file graduate applications with the Placement Office, if they haven't already done so.

Mr. Brenner will outline the correct procedure for going about an on-campus interview. Common faults of students will be illustrated. It is emphasized, that since the on-campus interview will be the first step in the graduate's career and probably the most important one he has yet made, he should take advantage of the opportunity to become acquainted with the procedure involved.

NEW RULE...

Cont. from Page 1

he can be made to withdraw from the college. Upper classmen, also effected by the new ruling, must maintain a "C" average cumulative grade in courses of their major field of study or face expulsion.

The Committee on Course and Standing has been authorized to make regular checks of each student's academic standing to detect those who fail to meet the minimum scholastic standards, and to bring about their withdrawal from school. Action taken by the committee can be appealed by the student. In each instance, the Committee on Course and Standing will examine the case individually. No case will be a precedent for others. By examining the student's college record entrance exam grade, high school record, and overall potentiality, the committee will determine whether the student is capable of continuing in engineering. Decisions of this committee are final.

THURSDAY, SEPTEMBER 27, 1956

GRADS

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Last term, Donald Orgen, the top chemical engineering graduate, class of '56, stated the following in a Tech News interview: "I don't like honor societies; you don't always get it on merit alone."



HOLE ROSEN

MITCHELL ROSEN
PRESIDENT, TAU BETA PI

Even if we completely disregard the various cultural activities which the engineering honor societies have sponsored in the past few terms, these societies are still serving a useful purpose. There exists in most good students a legitimate desire to have their achievements recognized and rewarded; the honor societies exist to grant such recognition.

No engineer, however, would be so foolhardy as to expect a manufacturing process to be without a small percentage error. Similarly, expecting 100% perfection in the election of new members by an honor fraternity

Despite all attempt to objectivity, the problem may never be completely solved because of the personal element involved. Prejudices and apathies on the part of members are traits which only members can correct.

IRWIN M. KRITTMAN
PRESIDENT, ETA KAPPA NU

This statement had been heard in past terms and will undoubtedly be heard again after this term's elections. The charge must be answered because the very HONOR of our honor societies is at stake.

It is my opinion that this charge is in part valid. What must be understood, however, is why this situation has occurred

HONOR SOCIETY PRESIDENTS DISCUSS ELIGIBILITY

As elections are to be held shortly, it was thought fitting that the leaders of the honor societies be called upon to comment on Mr. Orgen's remarks. Here are their replies.

LESTER HOLE
PRESIDENT, CHI EPSILON

As far as Chi Epsilon is concerned, there has not been, to my knowledge, any instance where a sincere and honest effort has not been made on the part of members to elect qualified eligibles. This has been true mainly because of the special efforts made by Chi Epsilon in meeting its eligibles.

This effort includes two meetings of eligibles (most societies have only one), a smoker, an interview, and an effort on the part of eligibles to get the signatures of all members before elections. It is hoped that these activities, especially the last, will enable members to more completely acquaint themselves with the eligibles so that they may vote more intelligently on their admission. Aside from scholarship, these qualifications include character, practicality and sociability. Because of the human element involved this system is by no means perfect; a just attempt is being made, however, to give all eligible students a fair hearing.

would be wanting the impossible. A small allowance for error must be made.

Nevertheless, to say that election to an honor society is not based on merit borders on a "sour grapes" comment; for nowhere is a more conscious effort toward complete objectivity made than at honor society elections. Honor societies have proven their worth; if their critics could devise a more satisfactory and fairer system of election, we would be glad to hear of it.

WALLACE CHINITZ
PRESIDENT, PI TAU SIGMA

It is a definite fact that qualified students do not always get accepted on merit alone. In past years, this has been true in Pi Tau Sigma; but, recognizing the importance of this problem, we will incorporate into this year's program steps to lessen this inequity. First, we propose to establish a code of eligibility which will clarify and define terms in the constitution related to fraternity membership, such as scholarships, character, and future potentialities of eligibles. Secondly, we will emphasize to all eligibles the need to get out and meet fraternity members in an effort to insure that all members are acquainted with eligibles upon whom they will have to vote.



CHINITZ KRITTMAN

formerly and what is being done to eliminate its occurrence in the future.

The very situation calling for man to judge his fellow man necessarily involves imperfection. The membership requirements appearing in the societies' constitutions are not clearly defined. Meeting scholarship requirements, which are easy to define, is not the only basis for membership. Society members must decide whether or not the eligible members "have conferred honor upon their Alma Mater by.. exemplary character", and whether "by their attainments in college... they have manifested a deep interest and marked ability in their chosen life work."

Cont. on Page 7

SCHMIDT...

Cont. from Page 1

ing of the new Engineering building as a means of alleviating the limited facilities created by increased enrollment.

The new building is scheduled for occupancy in the fall of 1959.

Professor Schmidt also voiced concern over the students entering the School of Technology. "High School Students coming to us today are not as capable of coping with our curriculum as the students of ten years ago. I don't know the reason for this, whether it's their attitude or training."

Away from the rigors of the Ch.E. dept., Prof. Schmidt has a home in River Edge, N.J., where he resides with his wife and thirteen year old son. When he can find the time, the professor likes to get up to Canada for a couple of weeks for some freshwater fishing.

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COMING EVENTS

BRENNER TO TALK ON EMPLOYMENT

STIMULATING LECTURES SCHEDULED FOR NEXT WEEK

The tidal wave of activities planned for techmen this semester will reach an early launching when Mr. Saul M. Brenner of the Placement Office reviews the general employment picture for graduating engineers. The talk, which will be presented before all TIIC member organizations this afternoon at 12:30 in Townsend Harris Auditorium, will encompass new job openings, general interview procedures and the all important average starting salaries for the different engineering groups. All interested techmen, especially graduating seniors, are urged to attend.

Sept. 27. For those CE's who do not attend the Brenner talk, a film on the Tacoma Bridge will be shown in Room G 107 at 12:30.

Oct. 4. ASME-SAE-ASTE. Mr. Donald F. Bruce of Westinghouse will present an informative talk on gas turbines at 12:30 in Rm. H 017. Mr. Bruce is supervisor in charge of gas turbine projects at Westinghouse.

AICHE Mr. Van Antwerpen, Secretary of the American Institute of Chemical Engineers, will speak before City's student chapter in Room H 103 at 12:30.

AIEE-IRE Herb Goldman EE 57 will give a lecture entitled "Systems Analyses by the Lagrangian Method", which discusses an energy method for deriving differential equations for electrical and mechanical systems. Room S 305 at 12:30.

Oct. 11 AICHE Mr. J. A. Milsoon Jr., of the Freeport Sulfur Corp. will discuss, with the aid of a film, new developments in the mining of sulfur.

Oct. 18 AIEE-IRE A speaker from Bell Aircraft will talk on "Inertial Navigation".

It is urgent that publicity members of tech societies submit lecture schedules to TECH NEWS 2 weeks prior to date of publication. Next issue October 11th.

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ENGINEERING IN ISRAEL

This report is based on the experience and observations of Fred Zwas, an E.E. senior who toured Israel this summer, and eminent people from industry and government.

In the past eight years, the seeds of technology have taken deep root in Israel. The engineering profession, though still in its adolescent stage, has been responsible for much of the industrial progress of this period.

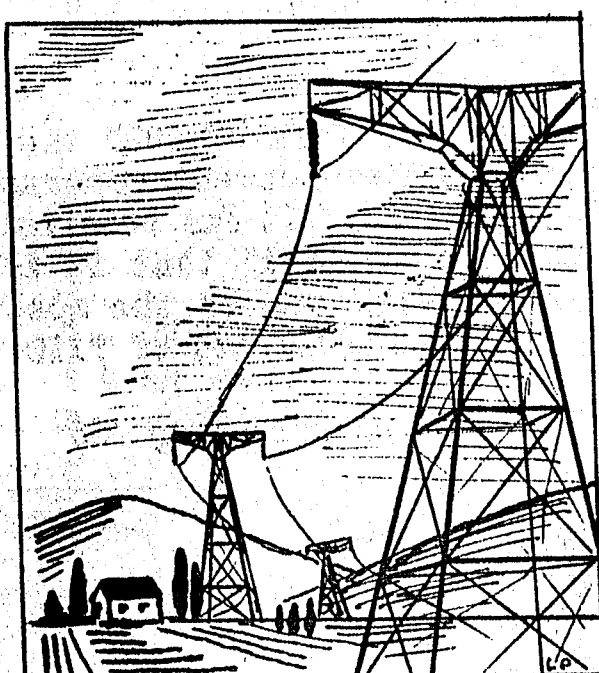
It would be misleading to attempt to analyze the state of the engineering profession in Israel by a direct comparison with that of the United States because the economic welfare of a country and the engineering profession are mutually interdependent; therefore, no comparison of living and working conditions should be made.

The present body of engineers is composed of two groups. One consists of engineers who received their academic training and experience in various European countries and the other is made up of graduates of the Haifa Technion (The Israel Institute of Technology). A student spends four years at the Technion studying primarily theoretical subjects in engineering without any time being devoted to cultural courses. It is assumed that a student attending the Technion has had enough of a liberal education in high school and doesn't need additional formal instruction in the arts.

After successfully completing four years at the Technion, a student is ready to enter industry. He receives his diploma by passing an examination, after working one year in the field. The Technion graduates from 300 to 350 engineers a year; the estimated current need of the country is around 600.

At present, the average salary of an engineer with a Bachelor's degree is about IL 300 (\$170) a month, before taxes. A family of four requires IL 180 to live comfortably. This is still below the living standard engineers are accustomed to in the U.S. The salary is determined by the Histadrut, a labor coalition dominated by the party in power. Professionals are classified in groups, and each group has a maximum salary. Every engineer who is not self-employed must be a member of the Histadrut.

The difference between the income of an engineer and that of



an unskilled laborer is small. This is a constant source of complaint and discontent. However, this situation is to be improved in the near future according to high officials of the Histadrut.

Generally, working conditions and facilities are quite good. Work hours are from 7 A.M. to 3 P.M. with a half hour lunch. This allows for enough leisure time during day hours. Work consists of six days a week - a total of 44 hours per week. Allowances are made for sick leave, compensation, and time off for personal business. An engineer who has been with a company for six months can't be fired for reasons of efficiency or exces-

sive absence, and can't be laid off unless permission from the Histadrut is obtained.

As an illustration of status, Leo Katz, former editor-in-chief of TECH NEWS, who is currently employed by an electric fan company as a design engineer, is picked up every morning by a taxi provided by the company.

There are few engineers in industry with degrees higher than that of a Bachelor. This situation is partially caused by the fact that a higher degree does not mean advancement, and by the extremely limited research conducted by industrial establishments. Most research is done in special institutes supported by the government and domestic and foreign private sources. No single company in Israel, however large, can afford to maintain research laboratories. The largest organization is the famous Chaim Weizman Institute, which is devoted to basic scientific investigation in nuclear physics, organic chemistry, applied mathematics, and electronics. The Technion is engaged in work of a more practical nature, in order to serve the present needs of the country. Its findings are given to industry and agriculture and are incorporated in new techniques and products.

In Israel, engineering is a highly regarded profession, and the engineer enjoys a higher social status than in the United States. His status is derived

Cont. on Page 7

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CAMPUS GRIDDLE

DAILY SPECIALTIES

SCHMIDT...

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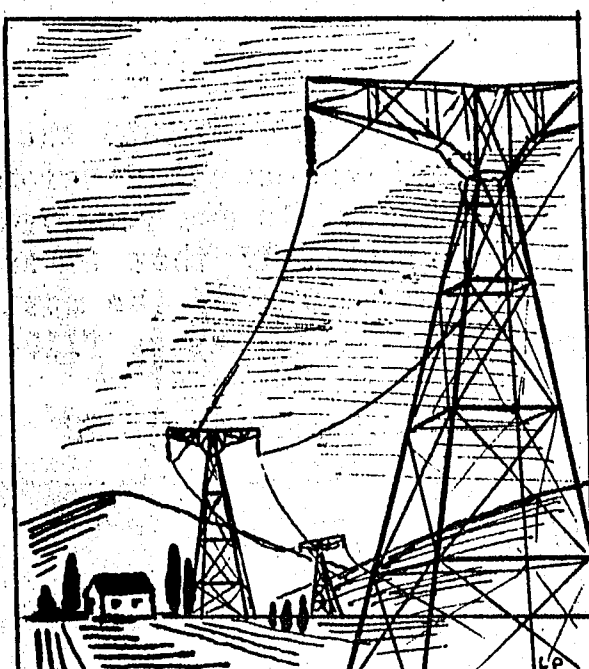
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CAMPUS GRIDDLE

SOCIAL TRAINING TO AID TECHMEN

This semester the Tech Inter-society and Interfraternity Council will again sponsor the Leadership Development Program under the chairmanship of Dave Stahl. The program has the aid and co-operation of the Departments of Speech and Student Life.

Meetings will begin on Oct. 4, at 5:45 P.M. in Finley Center, Room 417, with the "Interview Clinic". This program will attempt to answer some of questions that students taking interviews this semester will have. The remainder of the schedule is as follows: the "Toastmaster's Club" on Oct. 8, and Nov. 1, and "Your Best Foot Forward" on Nov. 15. The last two meetings are devoted to group dynamics and leadership technique and will meet on Dec. 6 and Dec. 20. The program, however, will meet

at a new time, 5:45 P.M., so that it will be possible for many more students to attend.

The L.D.P. is an attempt to aid the student in improving his social self. This is done by placing him in different group situations and then discussing his reactions, so that the student will realize his mistakes and correct them in the future.

It has been found that the CCNY engineer during the first few years in industry progressed more rapidly than most because of his superior technical training. However, after this period he may bog down due to a lack in leadership know-how and social intelligence.

In the Fall Term of 1955 the Leadership Development Program came into being. It was received so enthusiastically that it is now considered one of the most important subsidiaries of TIIC.

Morton Rosenberg '58

ELLSON & TIIC

Cont. from Page 1

In the field of representation the TIIC treasurer is a member of the Student Faculty Fee Committee, and the president is a member of the Student Faculty Committee on Student Affairs. This term TIIC took care of negotiations for facilities at registration for its member organizations.

It is evident that TIIC performs a vital service for every student in the Tech School. In order for its program to expand and enrich the extra curricular activities that exist, you, the reader, must be an active participant in one of its many societies, fraternities, or publications. Join a Tech organization today!

THE BEST ON BREAD
at
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CONTEST! KNOW YOUR ADVERTISERS

Enter our new advertisers contest. Over twenty dollars in prizes will be given away, and it's so easy to win.

1. Match the picture of the advertiser with his ad in this issue of TECH NEWS.

2. Entries must be received in the TECH NEWS office (F335) no later than Oct. 11, 1956.

3. Winners will be chosen on the basis of correctness, neatness and time of entry.

4. Only CCNY students are eligible.

5. Decisions of the judges will be final.

PRIZES

FIRST PRIZE: Merchandise worth over \$12

SECOND PRIZE: Merchandise worth over \$6

THIRD PRIZE: Merchandise worth over \$3

A LIST OF THE WINNERS AND THE PRIZES WILL BE PRINTED IN THE OCT. 25 ISSUE OF TECH NEWS



The College requests that employment be secured as soon as possible.

Below is a list of the names of the students who are eligible for the contest through November 1, 1956.

INTERVIEW

1. Make all arrangements for the interview at the Tech School.

ELIGIBILITY

Cont. from Page 1

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I am happy to hear that the term definition taken by the clearly defined terms. In the case of the has discarded the view procedure has thus taken a step towards a new system.

The new ties - the eligible students rather than the member - improvements in the actual mechanical system are towards the ties by "1".

ISRAEL

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162

ISRAEL

PLACEMENT OFFICE JOB LISTING - JAN. GRADS

The College Placement Office requests that graduates seeking employment file a job application as soon as possible.

Below is a list of companies and civil service agencies visiting the college from October through November.

INTERVIEW INSTRUCTIONS

1. Make all appointments in person at Room 203, Finley.

ELIGIBILITY...

Cont. from Page 3

These are the requirements that are hard to define.

I am happy to report that this term definite steps are being taken by all our societies to clearly define these requirements. In addition, Eta Kappa Nu has discarded the formal interview procedure for this term and has thus taken the first big step towards a fairer election system.

The new attitude of the societies - that of asking why the eligible should not be a member rather than why he should be a member - coupled with the improvements being made in the actual mechanics of the election system are the steps being taken towards election to honor societies by "merit alone."

ISRAEL...

Cont. from Page 5

from his higher education and not from his income or material rewards. He is considered a cultured individual and forms part of the upper strata of society.

EMERALD BAR
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2. Interview appointments will be scheduled about two weeks prior to the date the company visits the college.
3. Bring resumes to all job interviews - sample at 203 Finley.
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DATE:	COMPANY	LOCATION	DEGREE
Oct. 1	NYC Civ. Serv. Comm.	N Y C	CE, EE, ME, ChE
Oct. 5	Naval Gun Factory	Wash., D.C.	CE, EE, ME, ChE, C, M, P
Oct. 5	AVCO Res. & Adv. Dev. Div.	Conn.	EE, ME, M, P, CE
Oct. 5	Columbia So. Chem. Corp.	N. J.	CE, EE, ME, ChE, C
Oct. 5	Civ. Aero Admin.	Wash., D.C.	EE, ME, CE
Oct. 8	Detroit Civ. Serv. Comm.	Mich.	CE, EE, ME, M, P
Oct. 8	Electro Comp. Inc.	N. J.	EE, top 1/3
Oct. 8	Curtiss Wright Aero Div.	N. J.	EE, ME
Oct. 8	Stromberg-Carlson	N Y	EE, ME
Oct. 9	Corning Glass Wks.	Pa.	EE, ME, ChE
Oct. 9 & 10	North American Aviation	Ohio & Cal.	CE, EE, ME, ChE, M, P
Oct. 9 & 10	Willow Run Res. Labs	Mich	EE, M, P, top 1/3
Oct. 10	Hooker Electro Chem. Co.	N Y	ME, ChE
Oct. 10	Allis Chalmers Mfg. Co.	Wisc. & others	CE, EE, ME, ChE
Oct. 10	Foster Wheeler	N Y C	CE, ME, EE, ChE
Oct. 15	Vertol Aircraft Corp.	Pa	CE, ME, EE, ChE
Oct. 15	Ronson Corp.	Pa	ME
Oct. 15	Nat. Adv. Comm. Aero	Va	CE, EE, ME, M, P
Oct. 15	Otis Elevator	N Y C	EE, ME
Oct. 15 & 16	Boeing Aircraft	Kans, Fla., Wash.	CE, EE, ME, ChE, M, P
Oct. 16	Batelle Mem. Inst.	Ohio	EE, ME, ChE, C, P
Oct. 16	I. B. M.	N. Y.	EE, ME
Oct. 17	R C A	N. J. & Pa	EE, ME
Oct. 17	R C A Research Labs	N. J.	EE, ME top 1/3
Oct. 17	Melpar Company	Wash., D.C.	EE, ME
Oct. 17	American Cyanamid	Varied	C, ME, ChE
Oct. 17	Curtiss Wright Res.	N. J.	EE, ME, P
Oct. 19	Air Products Co.	Pa.	ME, ChE
Oct. 19	Corning Glass Works	N. Y.	EE, ME, ChE, C, P, Eco
Oct. 19	Kearfott Company	N. J.	EE, ME, P
Oct. 19	Marquardt Aircraft Co.	Cal.	M, P, CE, EE, ME, ChE
Oct. 19	MIT Instrumentation Lab	Mass.	EE, ME, M, top 1/3
Oct. 22	Burndy Engineering	Conn.	EE, ME
Oct. 22	Dep. Interior-Bur Reclamat.	Colo	CE, EE, ME, ChE
Oct. 22 & 23	Sperry Rand Corp.	Pa	M, P, EE, ME
Oct. 22 & 23	McDonnell Aircraft Co.	Mo.	M, P, CE, EE, ChE
Oct. 23 & 24	General Electric Co.	N.Y. & Varied	C, EE, ME, ChE
Oct. 23	National Cash Register Co	Ohio	C, P, EE, ChE
Oct. 24	General Foods Comp.	N. J.	C top 1/3, ChE top half
Oct. 24	Curtiss Wright Electronics	N. J.	EE, P
Oct. 26	B & O Railroad	Md.	CE, EE, ME, ChE
Oct. 26	Naval Air Rocket Test Sta.	N. J.	EE, ME, ChE
Oct. 26	Mergenthaler Linotype	N. Y.	ME, EE
Oct. 26	Corps of Engineers	NYC & Out of Town	CE, EE, ME
Oct. 26	Columbia Gas System Svc Co	N.J. & Varied	CE, ChE, EE, ME
Oct. 26	Contr. Instr. Co. Burroughs	N. Y.	EE, ME, M, P
Oct. 29	Hamilton Standard	Conn.	CE, EE, ME
Oct. 29 & 30	Sinclair Research Labs	Ill.	ChE, C

SOCIAL TRAINING TO AID TECHMEN

This semester the Tech Inter-society and Interfraternity Council will again sponsor the Leadership Development Program under the chairmanship of Dave Stahl. The program has the aid and cooperation of the Departments of Speech and Student Life.

Meetings will begin on Oct. 4, at 5:45 P.M. in Finley Center, Room 417, with the "Interview Clinic". This program will attempt to answer some of questions that students taking interviews this semester will have. The remainder of the schedule is as follows: the "Toastmaster's Club" on Oct. 8, and Nov. 1, and "Your Best Foot Forward" on Nov. 15. The last two meetings are devoted to group dynamics and leadership technique and will meet on Dec. 6 and Dec. 20. The program, however, will meet

at a new time, 5:45 P.M., so that it will be possible for many more students to attend.

The L.D.P. is an attempt to aid the student in improving his social self. This is done by placing him in different group situations and then discussing his reactions, so that the student will realize his mistakes and correct them in the future.

It has been found that the CCNY engineer during the first few years in industry progressed more rapidly than most because of his superior technical training. However, after this period he may bog down due to a lack in leadership know-how and social intelligence.

In the Fall Term of 1955 the Leadership Development Program came into being. It was received so enthusiastically that it is now considered one of the most important subsidiaries of TIIC.

Morton Rosenberg '58

ELLSON & TIIC

Cont. from Page 1

In the field of representation the TIIC treasurer is a member of the Student Faculty Fee Committee, and the president is a member of the Student Faculty Committee on Student Affairs. This term TIIC took care of negotiations for facilities at registration for its member organizations.

It is evident that TIIC performs a vital service for every student in the Tech School. In order for its program to expand and enrich the extra curricular activities that exist, you, the reader, must be an active participant in one of its many societies, fraternities, or publications. Join a Tech organization today!

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NEXT TO TECH BLDG.

CONTEST! KNOW YOUR ADVERTISERS

Enter our new advertisers contest. Over twenty dollars in prizes will be given away, and it's so easy to win.

1. Match the picture of the advertiser with his ad in this issue of TECH NEWS.

2. Entries must be received in the TECH NEWS office (F335) no later than Oct. 11, 1956.

3. Winners will be chosen on the basis of correctness, neatness and time of entry.

4. Only CCNY students are eligible.

5. Decisions of the judges will be final.

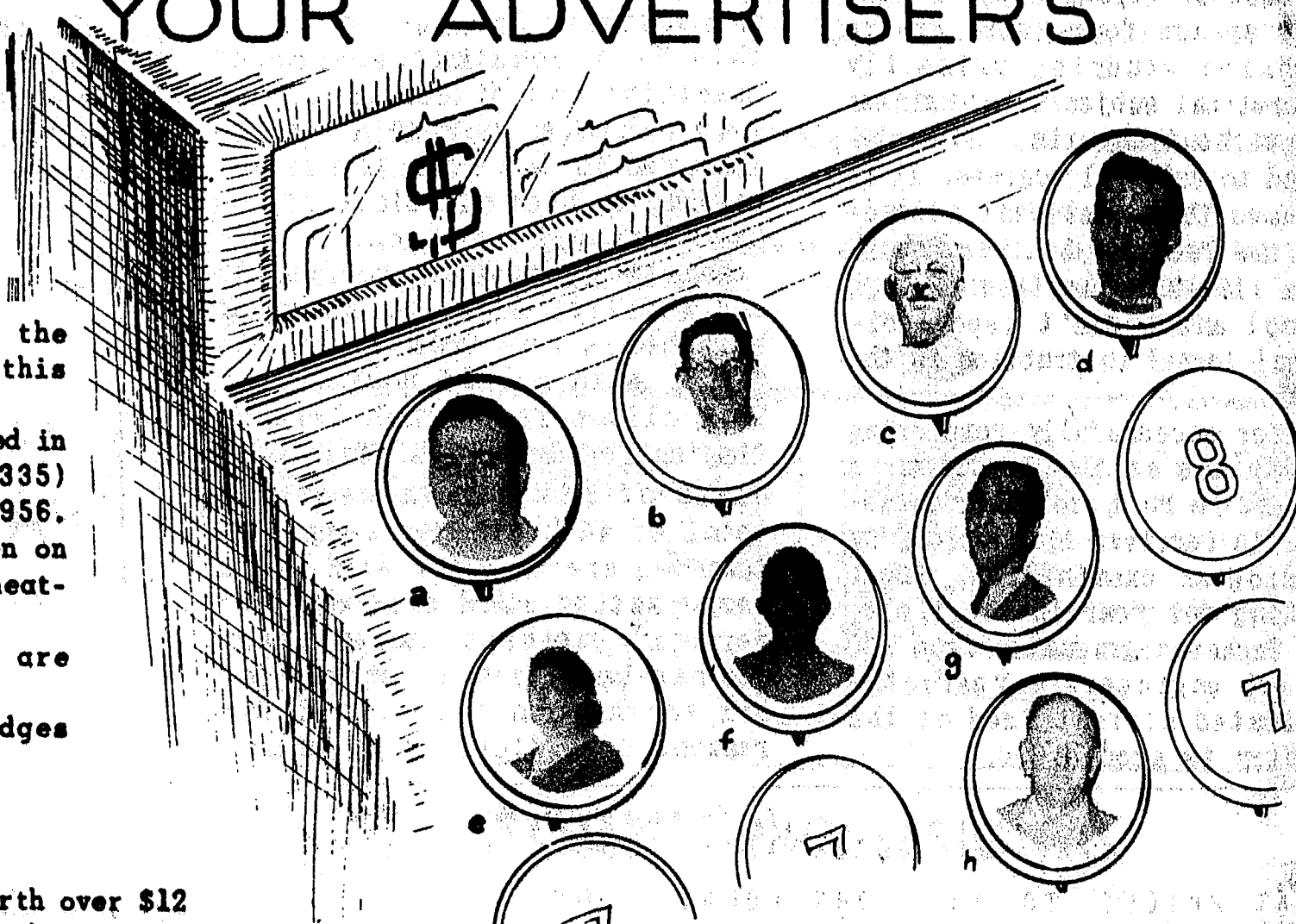
PRIZES

FIRST PRIZE: Merchandise worth over \$12

SECOND PRIZE: Merchandise worth over \$6

THIRD PRIZE: Merchandise worth over \$3

A LIST OF THE WINNERS AND THE PRIZES WILL BE PRINTED IN THE OCT. 25 ISSUE OF TECH NEWS



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PLACEMENT OFFICE JOB LISTING - JAN. GRADS

The College Placement Office requests that graduates seeking employment file a job application as soon as possible.

Below is a list of companies and civil service agencies visiting the college from October through November.

INTERVIEW INSTRUCTIONS

1. Make all appointments in person at Room 203, Finley.

2. Interview appointments will be scheduled about two weeks prior to the date the company visits the college.
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ELIGIBILITY...

Cont. from Page 3

These are the requirements that are hard to define.

I am happy to report that this term definite steps are being taken by all our societies to clearly define these requirements. In addition, Eta Kappa Nu has discarded the formal interview procedure for this term and has thus taken the first big step towards a fairer election system.

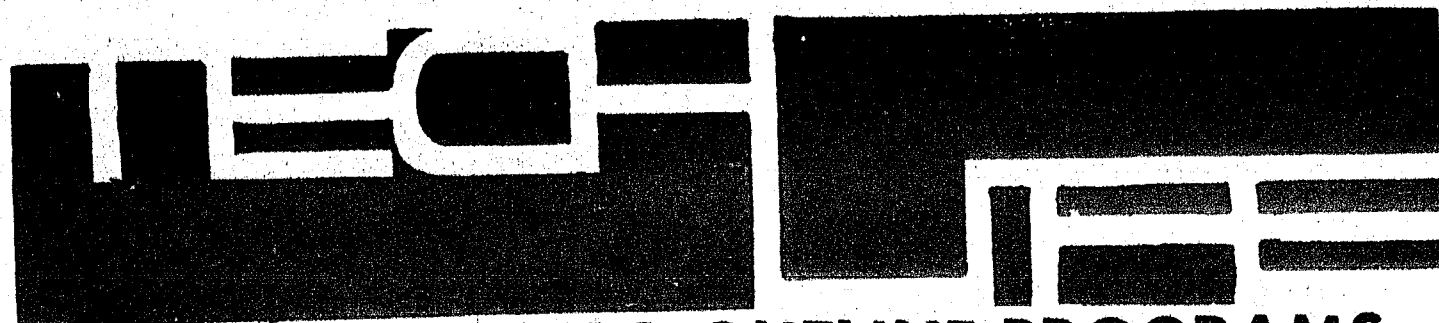
The new attitude of the societies - that of asking why the eligible should not be a member rather than why he should be a member - coupled with the improvements being made in the actual mechanics of the election system are the steps being taken towards election to honor societies by "merit alone."

ISRAEL...

Cont. from Page 5

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SOCIETY LEADERS OUTLINE PROGRAMS

DAVE STAHL - AICHe

This semester will be an active one for AICHe. A number of men from industry have been invited to speak. The Chemical Engineering brochure, describing CCNY Chemical Engineering Department, will be published and sent out to industrial organizations. This term's extra-curricula activities will include the bowling and basketball teams, the senior beer party, a smoker and a dance.

PHIL KAUFF - IRE PAUL DAVIES - AIEE

AIEE and IRE have planned a particularly interesting program for this semester. The program includes speakers from the CCNY faculty and representatives from private industry. An excellent plant trip is planned for the latter part of the term, where students will be able to see the latest developments and techniques in action.

MARVIN BLOCK - ASCE

This term ASCE will continue its policy of having prominent graduates, and representatives of industry and public service discuss various phases of Civil Engineering. In addition, inter-

esting films will be shown during meetings when no speaker is scheduled. Also in the making for the Fall Term are plans to have a field trip to either an industrial plant or an important construction site.

HERB DUBOVY - ASTE STAN ROTHBLUM - ASME ALAN LEVINE - SAE

This semester ASTE, ASME and SAE are scheduling jointly, in addition to the interesting lectures, several plant trips which possibly will include a visit to the Ford factory at Mahwah, N.J. for a look at automation in action.

Moreover, work has started on the dinner-dance which will be held in one of the downtown hotels before the Christmas Holidays.

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REACTOR

Cont. from Page 1

source. The uranium is valued at one hundred thousand dollars. The installation will cost the college eight thousand dollars.

The sub-critical reactor will resemble a cylinder, being 62 inches high and 56 inches in diameter. Rods of uranium will stand in the cylindrical container surrounding the neutron source at the center. The moderator, that is the substance used to slow down the neutrons emanating from the source, is water. The water will completely fill the container and also provide the necessary shielding to prevent contamination.

The reactor will have maximum safeguards against radiation and contamination. As an added safety precaution, students will wear dosimeters - instruments to measure radiation.

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