Early in our Junior year, Dean Van Houten assumed the added responsibilities of Acting President of Newark College of Engineering, and since that time the College has progressed rapidly. With the addition of Eberhart Hall and the new Laboratory building, it has expanded physically and along with this has come more social activity, wider publicity, and apparently a whole new spirit. It is a fortunate coincidence that the College should acquire such a man in its period of development. Although many of us have not had the opportunity to contact him personally, those of us who know Dean Van Houten better, know him to be a most sincere and warm-hearted man as well as an able and efficient administrator. To you Dean Van Houten, we, the Class of 1949, dedicate this book in gratitude for your devotion in the past and with the hope that your future will be as fruitful as your past.
Charles H. Duursema
I welcome this opportunity to write a message to the class of 1949. Your class, consisting of more than eighty percent veterans, bears out all that has been said or written concerning the mature viewpoint and sense of responsibility of the veteran.

There are two thoughts that I would like to leave with you at this time. First, it is entirely unnecessary for me to remind you that most of you are not at the present time engineers. Those of you who have properly utilized your opportunities have received a mental training, together with some knowledge of engineering which equips you to go on and acquire the vast amount of practical knowledge necessary to the engineer. You should, also, continue with some program of study. It is true that you have had enough book learning to enable you to earn a living without further study but you can never attain professional distinction without continuing your studies.

In this respect, most of you should be able to make the transition between undergraduate and graduate work without too much difficulty. You should realize that you will not be aided, advised and prodded quite as much as you have been heretofor.

Secondly, it is my firm belief, that as citizens and prospective engineers you are going to have to take a vital and directing part in public affairs if our way of life is to survive. Let me cite an example of the woeful lack of interest shown even in municipal affairs. At the time of writing of this article, local budget hearings on school affairs show a disgraceful lack of attendance in most communities. This, in itself, might appear to indicate that the public trusts the judgement of its school officials but the poor turnout at the school election is proof in itself that only a very small percentage of the public cares enough to exercise his franchise. Does the average taxpayer not know that over seventy percent of his local taxes support the local schools?

The engineer, scientist and technician share the responsibility for what has become of the world more so than men in any other profession. If all of us had a keen sense of duty in this respect, and would properly utilize our experience and ability in various ways, as well as impressing the truth upon our representatives in municipal and national affairs, I believe that we would accomplish an immense amount of good.

Theodore Roosevelt once said, "I want you to feel that it is not merely your right to take part in politics, not merely your duty to the state, but that it is demanded by your own self-respect, unless you are content to acknowledge that you are unfit to govern yourself and have to submit to the rule of somebody else as master —and this is what it means if you do not do your own part in government."

In conclusion, I wish to say that it has given me sincere pleasure if I have been of any assistance to you. I wish each one and all of you a truly successful professional career.

Charles A. Smith

Adviser
D. Neff, dean of Newark College of Engineering 1919—1927
President of Newark College of Engineering 1927—1947

Dr. Allen R. Cullimore
Dean of Newark College of Engineering 1919—1927
President of Newark College of Engineering 1927—1947
ROBERT W. VAN HOUTEN
Dean of the College
Acting President

CHARLES O. ROTH, JR.
Assistant to the President

ROBERT C. HOAG
Assistant to the President

ROBERT L. VANNOTE
Assistant to the President

JAMES A. BRADLEY
Dean of Graduate Division

ELLIS O. KELLER
Director of Special Courses

CHARLES J. KIERNAN
In Charge of Student Aid

CLARENCE H. STEPHANS
In Charge of Industrial Relations

IRVIN G. MORRIS, JR.
In Charge of Public Relations

FRANK A. GRAMMER
Secretary of the Faculty

IRA A. TUMBLESON
Librarian

LILLIAN M. SCOTT
Bursar

E. ALICE HICKEY
Registrar

MARGARET A. YATSKO
Recorder

ADELE GARRISON
Cashier

HAROLD N. CUMMINGS
Vice President

WILLIAM HAZELL, JR.
Associate Dean
Director of Admissions

H. H. METZENHEIM
Comptroller
Class organization started in our Sophomore year, however it wasn’t until our Junior year that any progress was made. Frank Navratil and Don Summers organized the Class Council and elections were held in November, 1947. Frank was elected President, August Stasi Vice President, Ruth Jordan Treasurer and Henry Hart Secretary. Social events that year were the Junior Dance at the South Orange Masonic Hall in December and the Junior Prom at the Cresmont Country Club in February.

In April, 1948, the Senior officers were elected. Gerry Lynch President, Ed Nordfors Vice President, Ed Lisovicz Treasurer and Henry Hart Secretary. The Ring Committee, headed by Frank Cozerelli, the Cap and Gown Committee under Hy Abrams and the Yearbook Staff under Don Summers were functioning well at the start of the year.

The Senior Dance at the East Orange Armory in October was a social success. Plans for our Spring Dance and Senior Ball are under way. It is with a mixture of joy and remorse that the class of ’49 leaves N. C. E.
Nucleus Staff

Editor-in-Chief
Don Summers

Associate Editor
William T. Kirchner

Business Manager
William Gerber

Advertising
Frank Navratil

Circulation
Raymond Vincent

Literary Staff
Jules Gruber, Editor
William Mulder

Taras Kicenick
Henry Hart
Howard Bowden
John Dench
Herbert Gieser
Elbert Culver
Ernest Politz
Herbert Gieser
Richard Homigbaum

Art Staff
Herman Rich, Editor
Charles Bacheller
Fred White
Walter Williams

Feature Staff
C. Ronald Bach, Editor
Gerald DeVera
Robert Hays
Thaddeus Sniffen

Photography
Louis Rigassio, Editor
August Stasi

Sports Editor
Nicholas Settaducato

Club Editor
Henry Stroke

Professional Department Editor
Arnold Singer

Layout
Harry Hammel
Angelo Pawlakos

Faculty Adviser
Mr. H. E. Estrin
The Engineer's Oath . . .

AS AN ENGINEER: I have a deep, abiding respect and faith in the ideals of my chosen profession; I believe that membership in it entails the most solemn obligations—obligations that I am eager and earnest to fulfill; I believe that, as a member of this profession, I have a vital and personal responsibility to act for the benefit of mankind, to render usable nature's vast material reservoirs and her latent energies.

AS AN ENGINEER: I believe that the duties and the responsibilities of the profession rest more heavily upon me because of the traditions, the heritage, and the accumulated experience passed down to me by members of the same profession in earlier generations, and I believe I should dedicate my efforts to the furtherance and development of these ideals and the dissemination of our philosophy and practice to younger men of the profession, that it may warrant a high place in the field of human endeavor.

AS AN ENGINEER: I believe, in common with all men, that I should strive for the common good, interest myself in the service of humanity, and render to my fellow man and to my community without thought of material recompense such service as will be for the greatest public good.

AS AN ENGINEER: I further believe that my profession requires in its very nature particular sensitivity to moral obligations and to the broadest human welfare and progress, that our world, with its material things and things of the mind and of the spirit may be a better place to live in. All these things I do truly believe and to these principles I solemnly commit myself.
Chemical Engineering Department

PROFESSOR CHARLES L. MANTELL
Chairman

PROFESSOR GEORGE C. KEEFFE
Executive Associate

Staff


Messrs: Jerome J. Salamone, Melvin Wolksien.
FRANK G. ANGELACCI
67 Stone Street
Newark, N. J.
Frank is a rather serious, conscientious fellow and he has the ability to think things through.
American Chemical Society and Association of Chemical Engineering Students.

JOHN BISKUP
24 Hunter Street
Newark, N. J.
John is as proper a man as ever trod upon neats leather.

RAYMOND E. BOERNER
5 Balmiere Road North
Cranford, N. J.
"A moment's thinking is an hour in words."

RONALD E. BOETSCH
466 Nye Avenue
Irvington, N. J.
"No mind is thoroughly well organized that is deficient in a sense of humor."
Sigma Pi.

HOWARD J. BOWDEN
14 Lembeck Avenue
Jersey City, N. J.
A young man with a good sense of humor and the capacity to stay with a problem until it is well done.
A. C. S. and A. C. E. S.; Tau Beta Pi; Write-up Staff, Nucleus; Junior and Senior Honors Option.

HARRY H. BROWN
52 Elm Avenue
Hackensack, N. J.
"Labor is but refreshment from repose."
President, Sigma Pi.
FRANK COZZARELLI
341 Washington Avenue
Belleville, N. J.
Such rare concern over a hoop of gold, a stone of ruby hue.
Pi Kappa Phi; Chairman, Ring Committee; Junior Class Council; American Chemical Society.

ELBERT T. CULVER
450 Clifton Avenue
Newark, N. J.
Bert's ability to make friends, and his knowledge of engineering should see him go far in industry.
Representative, Senior Class Council; A. C. S. and A. C. E. S.; Write-up Staff, Nucleus; Junior and Senior Honors Option.

EDWIN L. CURRIER
161 Main Street
Garfield, N. J.
"As I am so I see."

AUGUSTINE DABRAVALSKI
165 Wilson Avenue
Kearny, N. J.
He is sober but not serious, quiet but not idle.
American Chemical Society and A. C. E. S.; Junior Honors Option.

ROBERT J. DELACK
179 North 17th Street
East Orange, N. J.
Bob has been a fine classmate. He is sincere and hard working.
American Chemical Society and Association of Chemical Engineering Students.
PETER G. G. DELAHUNT
15 Wayne Place
Nutley, N. J.

Strictly from Esquire; a gentleman who acts the part.
American Chemical Society and Association of Chemical Engineering Students; Basketball.

JOHN E. DENCH
49 Maple Avenue
West Orange, N. J.

A young man whom we are proud to know. There are few engineers who will do better than John.
A.C.S. and A.C.E.S.; Tau Beta Pi; Write-up Staff, Nucleus; Fencing Team; Junior and Senior Honors Option.

CHARLES DEVIRISHIAN
262 Washington Avenue
Clifton, N. J.

Chuck’s rare good humor is a haven wherein all are welcome.
American Chemical Society.

DONALD L. DICKIE
718 Maywood Avenue
Maywood, N. J.

“Honor lies in honest toil.”
Alpha Sigma Phi.

CHARLES E. DUGGAN
128 Rutherford Place
Arlington, N. J.

“Our dignity is not in what we do but in what we understand.”

MURLIN C. EHRLGOTT
87 Reservoir Avenue
Jersey City, N. J.

A scientist in every sense of the word; he has a keen insight into the problems of engineering.
A.C.S. and A.C.E.S.; Tau Beta Pi; Junior and Senior Honors Option.
FRANK M. FAFF
1142 Hollywood Road
Linden, N. J.

Never was a man more capable nor
more deserving.

Tau Beta Pi; Senior Class Council.

CHARLES E. JACOBSON
404 Highland Avenue
Kearny, N. J.

"Tis toils' reward that sweetens in-
dustry."

American Chemical Society.

Foster Franks
108 Martin Street
Paterson, N. J.

Seen at anytime with Sal Rinaldi in
the library.

Association of Chemical Engineering
Students and American Chemical So-
ciety.

Charles J. Hartmann
23 Franklin Place
Arlington, N. J.

An efficient administrator, Charles
has more than doubled A. C. S. mem-
bership.

President, A. C. S.; Secretary Profes-
sional Societies Council; I. R. E. and
A. C. E. S.; Radio and Baseball Clubs.

Ruth M. Jordan
40 North Spring Garden Avenue
Nutley, N. J.

Ruth is our very best chemical en-
gineer.

Treasurer, Junior Class Council; Re-
presentative, Senior Class Council; A.
C. S. and A. C. E. S.; Tau Beta Pi
Woman's Badge; Student Council;
Features Staff, Technician; Junior and
Senior Honors Option.

Robert W. Lull
263 Harding Avenue
Clifton, New Jersey

A true scholar; reserved, yet always
ready to help.

American Chemical Society and A. C.
E. S.; Junior and Senior Honors
Option.
THEODORE G. MEGLIS
151 Brookdale Avenue
Newark, N. J.
"Man is the artifice of his own happiness."

EDWARD H. LYMAN
706 McCandless Place
Linden, N. J.
By applying engineering insight to the playing of pinball machines, Ed has won countless packs of cigarettes and free games.
Association of Chemical Engineering Students.

JAMES T. McQUEEN
160 Williamson Avenue
Hillside, N. J.
"Only a life lived for others is a life worthwhile."

PETER J. MIHALIK
52 East Clifton Avenue
Clifton, N. J.
Pete has an amazing versatility behind a calm exterior.

HEINZ MOES
8 Eaton Place
East Orange, N. J.
Quiet and reserved. To "Moe" applies the old adage: Still water runs deep.
American Chemical Society; A. C. E. S.; Visitors' Day Program.

EDWARD A. MORSE
192 Clinton Avenue
Newark, N. J.
Ed was a swell classmate, a lot of fun to be with whether at work or play.
American Chemical Society and Association of Chemical Engineering Students.
ALBERT NOTAR-TOMASO
22A Cooper Place
Weehawken, N. J.
Al has tasted of rusticity in Scotch Plains, but now he enjoys urban life in Weehawken.

ANGELO J. PAWLAKOS
32 Abington Avenue
Newark, N. J.
Angelo is our budding philosopher with his ineradicable smile.
American Chemical Society; Student Council; Visitors' Day Program; Layout Staff, Nucleus; A.C.E.S.

ERNEST R. POLITZ
1236 Robert Street
Hillside, N. J.
Ernie is our Huckster, a high-pressure publicity man, dressed and bespectacled for the part.
Secretary, A. C. S., S. A. M., and A. C. E. S.; Student Council; Reporter, Technician; Write-up Staff, Nucleus.

PAUL POLLARA
319 Livingston Avenue
Lyndhurst, N. J.
A sense of duty forever pursues Paul.
American Chemical Society and Association of Chemical Engineering Students.

KENNETH H. REYSEN
224 Post Avenue
Lyndhurst, N. J.
We never tire of listening to Ken give a speech. Besides being a good engineer, we expect him to make a swell after-dinner speaker.
American Chemical Society and Association of Chemical Engineering Students.

SALVADOR F. RINALDI
76 Maple Street
Paterson, N. J.
Although steeped in the meetings of A.C.S. and A.C.E.S., Sal may be seen in the library with Foster—between 8 A.M. and 6 P.M.
American Chemical Society and American Chemical Engineers Society,
ANTHONY G. RUBINO
269 Columbia Avenue
Irvington, N. J.
He is a quiet, sober fellow; a man of high moral integrity.
American Chemical Society and A.C.E.S.; Baseball Club.

SEYMOUR SCHLOSBERG
193 Seymour Avenue
Newark, New Jersey
Schlos can speak authoritatively on almost any topic and will do so at the drop of a slide rule.
American Chemical Society; Junior Honors Option.

JOHN W. SCHWEIKART
24 Walnut Street
Summit, New Jersey
John wants the most from his education and he has the ability to use it to the best advantage.
American Chemical Society and Association of Chemical Engineering Students.

WILLIAM STEINIGER
58 Arthur Street
Clifton, New Jersey
Bill's very knowing.

DONALD C. SUMMERS
220 Page Avenue
Lyndhurst, New Jersey
Unstintingly Don gives his efforts and labors to Bobbie and to the welfare of our class and school.
President, Nu Chi Epsilon; Editor-in-Chief, Nucleus; Junior and Senior Class Councils; A.C.S.; Student Council; Social Affairs Committee; Sigma Pi; Reporter, Technician; Co-chairman, Junior Prom.

ALFRED TABOADA
123 Dewey Street
Newark, N. J.
With his musical talent and athletic ability, social-minded Al would be an asset to any profession.
President, Pi Kappa Phi; Junior Class Council; Social Affairs and Interfraternity Council; A.C.S.; Junior Prom Committee.
Dick has applied the Scientific Method to physical education and found that it pays to be ignorant.

American Chemical Society; Association of Chemical Engineering Students; Sigma Pi; Class Council.

A competent man with a swell sense of humor; he will undoubtedly go far in professional life.

President, Association of Chemical Engineering Students; American Chemical Society; Junior and Senior Honors Option.

A merry heart maketh a cheerful countenance.

A man of unappreciated talents, Fred has a keen intellect and much executive ability.

American Chemical Society; Art Staff, Nucleus; Association of Chemical Engineering Students.

Ernie has never wished to cater to the crowd.

"The happiest person is the one who thinks the most interesting thoughts."
EUGENE G. CASTAGNA
87 Stockman Place
Irvington, N. J.
"The greater the difficulty the greater the glory."
Treasurer, Junior Class Council; Pi Kappa Phi; Staff Technician; Basketball.

CHARLES EISENMAN
1805 Manor Drive
Union, N. J.
"Success begins with a fellow's will."

EDWIN SWANSICK
15 Crescent Terrace
Belleville, N. J.
"The days that make us happy make us wise."

ELMER J. YEDLICK
129 Westervelt Place
Passaic, N. J.
Whose subtle wit would always make a hit.
Senior Class Council.

RODGER R. ZOCCHILO
1065 E. 25th Street
Paterson 3, N. J.
Dashing and delightful, Zoe is a good subtle fellow to have around.
Civil Engineering Department

PROFESSOR WILLIAM S. LaLONDE, JR.
Chairman

PROFESSOR JAMES M. ROBINS
Executive Associate

ANTHONY G. RUBINO
269 Columbia Avenue
Irvington, N. J.
He is a quiet, sober fellow; a man of high moral integrity.
American Chemical Society and A. C. E. S.; Baseball Club.

SEYMOUR SCHLOSBERG
193 Seymour Avenue
Newark, New Jersey
Schlos can speak authoritatively on almost any topic and will do so at the drop of a slide rule.
American Chemical Society; Junior Honors Option.

JOHN W. SCHWEIKART
24 Walnut Street
Summit, New Jersey
John wants the most from his education and he has the ability to use it to the best advantage.
American Chemical Society and Association of Chemical Engineering Students.

WILLIAM STEINIGER
58 Arthur Street
Clifton, New Jersey
Bill’s very knowing.

DONALD C. SUMMERS
220 Page Avenue
Lyndhurst, New Jersey
Unstintingly Don gives his efforts and labors to Bobbie and to the welfare of our class and school.
President, Nu Chi Epsilon; Editor-in-Chief, Nucleus; Junior and Senior Class Councils; A. C. S.; Student Council; Social Affairs Committee; Sigma Pi; Reporter, Technician; Co-chairman, Junior Prom.

ALFRED TABOADA
123 Dewey Street
Newark, N. J.
With his musical talent and athletic ability, social-minded Al would be an asset to any profession.
President, Pi Kappa Phi; Junior Class Council; Social Affairs and Interfraternity Council; A. C. S.; Junior Prom Committee.
CARMEN ANTHONY DiSTEFANO
425 66th Street
West New York, N. J.
The gay blade with never a worry or a care, who disproves that popular theory that engineers are "burnt out". American Society of Civil Engineers.

ROBERT A. FREDRICKS
11 Berkshire Avenue
Paterson, N. J.
Bob takes a dim view of all structures, stating very fondly, "You'll never get it off the ground".
American Society of Civil Engineers; Scholarship, Camp Technology, M. I. T.; Visitors Day Program.

WILLIAM GERBER
9 Sheridan Avenue
Newark 8, N. J.
Bill will Probably put Rockerfeller to shame. Watch out Wall Street.
President, Tau Epsilon Phi; Business Manager, Nucleus and Technician; Nu Chi Epsilon; A. S. C. E.; Student Council.

HERBERT P. GIESER
101 Schofield Street
Newark, N. J.
Herb's familiar expression is, "How is every little thing?"
Chairman, Program Committee, A. S. C. E.; Representative, Class Council; Literary Staff, Nucleus; Attended Camp Technology, M. I. T.

ROBERT E. GRIMM
345 Prospect Street
South Orange, N. J.
Bob has the only "hot-rod" on the campus, and should be right in style in California.
American Society of Civil Engineers; Visitor's Day Program.

JACQUES HACKER
117 Seymour Avenue
Newark 8, N. J.
In the high pinnacles of the Civil Department, Jack can be heard yodeling to his heart's content.
Studied Civil Engineering at E. T. H. Institute, Zurich, Switzerland; came to U. S. in 1947 to complete studies at N. C. E.
CHARLES T. JOHNSON
67 Hillcrest Road
West Caldwell, N. J.
Chick always turns in a neat piece of work.
A. S. C. E.; Sigma Pi; Attended Camp Technology, M. I. T.

NICHOLAS T. KAMINS
325 Hillside Avenue
Newark, N. J.
Nick is always selling something at bargain prices.
A. S. C. E.; Student Council; Senior Dance Committee; Advertising Staff, Nucleus.

WILLIAM T. KIRCHNER
314 76th Street
North Bergen, N. J.
Bill is the fellow with the smile on his face and the everready quip on his tongue, whose wit has helped to relieve the monotony of many a long recitation.
Associate Editor, Nucleus; Representative, Class Council, A. S. C. E.; Staff of Surveyor.

FRANK P. KOCZUR
131 Fulton Street
Elizabeth, N. J.
Frank has a story or gag for every occasion.
Chairman, Senior Dance Committee; A. S. C. E.; Social Affairs Council; Advertising Staff, Nucleus.

SOLOMON M. LANG
29 Clinton Avenue
Jersey City, N. J.
When Jim Dolan runs for Public Office, Sol will be his campaign manager.
American Society of Civil Engineers.

EDMUND J. LAUBUSCH
203 Linden Avenue
Irvington, N. J.
Ed has his pencil and pen well in command while doing drafting.
LEONARD LIEBOWITZ
5121 Bergenline Avenue
West New York, N. J.
Len is one of the very few quiet "Civils".
American Society of Civil Engineers.

BERNARD M. LUBETKIN
121 Center Terrace
Newark, N. J.
N. C. E. has offered Bernie two life-
President Athletic Association; Student
Council; Tau Beta Pi; A. S. C. E.; Basketball.

JOSEPH F. MULCAHY
128 Prospect Place
South Orange, N. J.
Joe has that stick-to-itiveness neces-
American Society of Civil Engineers; Honors Option Program; Scholarship
to Seton Hall in the study of Science.

WILLIAM J. MULDER, JR.
30 Terrace Place
Brooklyn 18, N. Y.
Popularly known as just plain
Wild Bill.
Vice Chairman and Chairman, Metropolitan Conference of Student Chap-
ters, A. S. C. E.; Class Council;
Honors Option Program, Sophomore;
Scholarship Camp Technology, M. I. T.; Literary Staff, Nucleus.

HENRY NYCZ
Box 86
Towaco, N. J.
"The Towaco Indian" from up in
the hills soon became accustomed to
the ways of the "City Slickers."
American Society of Civil Engineers;
Attended M. I. T. Camp Technology.
FRED L. PAGEL
6 Alan Street
West Orange, N. J.
Fred is one of those fellows of the class who keeps plugging away to get things done.
American Society of Civil Engineers; Visitor's Day Program.

EDWARD PARLIMAN
7 Garfield Avenue
Paterson 2, N. J.
Now that it's all over, all Ed wants to know is, "What happened?"
American Society of Civil Engineers; Visitor's Day Program.

VINCENT A. PERILLO
395 Mt. Prospect Avenue
Newark 4, N. J.
Fate has deemed Vinnie a future president of the C. I. O. Watch out, Mr. Green.
American Society of Civil Engineers; Visitor's Day Program.

H. ALFRED PONTIER
29 East Place
Lodi, N. J.
Modest Al has never ceased to amaze us with his vast fund of industrial experience.
American Society of Civil Engineers; Honors Option.

WALTER E. PONTIER
258 Mt. Prospect Avenue
Clifton, N. J.
Walt, unruffled and unassuming, consistently excels in practically every subject with little effort.
American Society of Civil Engineers; Honors Option.

NORMAN C. POSSIEL
58 Garrison Street
Newark 5, N. J.
Norm is a quiet, conservative chap who is destined to be a great engineer. His generosity, loyalty, and his friendliness make him one of the most likeable fellows we know.
A. S. C. E.; Junior Honors Option.

32
HERMAN J. RICH
65 North 11th Street
Newark, N. J.
Herman is always dreaming of Margie.
Art Editor, Nucleus; A.S.C.E.; Representative, Class Council — Senior; Representative, Student Council; Chess Club.

LOUIS G. RIGASSIO
1001 79th Street
North Bergen, N. J.
The boys really gave Lou a “Hard Time” about their pictures.
Photo Editor, Nucleus; American Society of Civil Engineers.

NICHOLAS M. SETTEDUCATO
141 North 15th Street
Bloomfield, N. J.
Nick’s favorite pastime is playing baseball and basketball.
Sports Editor, Nucleus; A.S.C.E.; Basketball; Delta Sigma Zeta.

AUGUSTINE D. STASI
31 Freeman Avenue
East Orange, N. J.
“What do you mean, it isn’t funny?”
Vice President, Junior Class Council; American Society of Civil Engineers; Staff Writer, Surveyor; Photography and Literary Committees, Nucleus; Dance Committee, Junior Prom; Visitor’s Day Program.

AUGUST F. STRUENING
92 Second Street
Newark, N. J.
Augie enjoys Music Class, for then he can catch up on his sleep.
American Society of Civil Engineers.

RAYMOND R. VINCENT
207 Ryan Street
Hillside, N. J.
Here is the guy who writes some of the corny jokes read in the Surveyor.
A.S.C.E.; Surveyor Staff; Circulation Staff, Nucleus; Senior Dance Committee.
JAMES A. DOLAN
10 Condict Street
Jersey City, N. J.
Everyone knows Jim as the Democrat from Jersey City.
A. S. C. E.; Glee Club; Cross Country and Track.

JULIUS P. SENAPOLE
164 Elmwood Avenue
Union, N. J.
Jules has the solution to the housing shortage—build your own. Of course you'll be broke, but happy.
Student Council; American Society of Civil Engineers.

JOHN W. DIERCKSEN
16 Cleveland Avenue
Caldwell, N. J.
"Big" John is quite the basketball player for the Senior Civil Quartet.
American Society of Civil Engineers.

LESLIE M. WELTCHEK
814 Vine Street
Elizabeth, N. J.
We can't forget "Les Welles."
A. S. C. E.; Social Affairs Council; Advertising Staff, Nucleus; Senior Dance Committee; Chess Club.

WALTER E. WILLIAMS
670 Clinton Avenue
Newark, N. J.
Walt plays a hot game of basketball for the Senior Civils.
A. S. C. E.; Student Council; Art Staff. Nucleus.
Electrical Engineering Department


Staff
HERMAN ABRAMS
123 Bragaw Avenue
Newark, N. J.

With sharp taste and sharp wit.
Class Council; A. I. E. E. and I. R. E.; Interfraternity Council; Chairman, Ushering Staff, Cap and Gown Committee, and Graduation Committee; Secretary and Historian, Tau Delta Phi.

JOHN W. AQUADRO
372 Madison Avenue
Paterson, N. J.

To be his own boss is John's chief ambition.
American Institute of Electrical Engineers and Institute of Radio Engineers.

JOSEPH L. BARRETT
75 Brighton Avenue
Kearny, N. J.

When everything else has failed, Joe will find the way to do it.
Junior Honors Option.

JOHN W. AQUADRO
372 Madison Avenue
Paterson, N. J.

To be his own boss is John's chief ambition.
American Institute of Electrical Engineers and Institute of Radio Engineers.

DONALD J. BARNICKEL
45 Sherman Place
Jersey City, N. J.

Don's insight for engineering and bridge are talents which will not go unrecognized.
American Institute of Electrical Engineers; Tau Beta Pi; Chess Club; Senior Honors Option.

JOSEPH L. BARRETT
75 Brighton Avenue
Kearny, N. J.

When everything else has failed, Joe will find the way to do it.
Junior Honors Option.

AUSTIN WILLIAM BARRY
18 Roosevelt Avenue
East Orange, N. J.

And what else?
President and Vice President, Student Council; President, Social Affairs Council; Vice President, Nu Chi Epsilon; A. I. E. E.; Tau Beta Pi; Class Council; Feature Writer, Technician; Basketball, Yachting; Junior Honors Option.

CHARLES W. BEHLER
152 North Ninth Street
Newark, N. J.

Chuck has made some brilliant moves in his day.
American Institute of Electrical Engineers; Chess Club; Safety Committee, Visitors Day.
LAURAN S. BERAN
250 Midland Avenue
East Orange, N. J.
“The nobility of labor is the long pedigree of toil.”

HERBERT A. BERNHARD
218 Freeman Avenue
Jersey City, N. J.
What else can we say, Herb?
Past President, Tau Beta Pi; President, Athletic Association; Vice President, Student Council; Science and Sports Editor, Technician; Treasurer, Junior Class Council; President, Chess Club; A. I. E. E. and I. R. E.; Tennis Club.

MARTIN BIFSON
4905 Hudson Avenue
West New York, N. J.
Biff possesses a remarkable efficiency in working under adverse conditions.
American Institute of Electrical Engineers and Institute of Radio Engineers; Junior Honors Option.

MICHAEL A. BRAVETTE
80 Host Street
Newark, N. J.
Mike has the fraternal spirit and the salesman’s approach.
Vice President, Secretary, Phi Sigma Omega; Vice President, Treasurer Pi Kappa Phi; A. I. E. E.; Interfraternity and Student Council.

GERALD J. BROWN
9 Fairmount Terrace
Jersey City, N. J.
Jerry is gifted in the art of conversing intelligently.
American Institute of Electrical Engineers and Institute of Radio Engineers; Radio Club.

ERNEST A. BURKHARDT
317 Pearsall Avenue
Jersey City, N. J.
Ernie’s “pride” should be enshrined, for it has scaled Pulaski Skyway daily.
American Institute of Electrical Engineers; Advertising Staff, Nucleus.
WILLIAM E. BURNS
160 Chestnut Street
Kearny, N. J.
Bill’s experience at the switchboard has developed “a voice with a smile.”
American Institute of Electrical Engineers and Institute of Radio Engineers; Phi Beta Tau; Radio and Chess Clubs.

ROBERT K. CAMPBELL
31 Goodale Avenue
Dover, N. J.
Toil says the proverb, is the sire of fame.
Sigma Pi.

GEORGE S. CHAMBERLIN
20 Eighth Avenue
Newark, N. J.
No member of any group with which George is associated will ever need ponder George’s feeling toward him.
Secretary, Sigma Pi; Class Council; A. I. E. E. and I. R. E.; Student and Interfraternity Councils.

VINCENT C. CHEWY
16 Edisonia Terrace
West Orange, N. J.
Vince’s height makes him as handy in the labs as he is on a basketball court.
American Institute of Electrical Engineers and Institute of Radio Engineers; Basketball.

SHELDON COHEN
18 Myrtle Avenue
Passaic, N. J.
Shelley’s keen analysis of technical problems, when tempered with due regard for his fellows, shows real promise.
Representative, Class Council; A. I. E. E.; Reporter, Technician; Secretary, Yacht Club.

DONALD F. CONINE
73 Claremont Avenue
Verona, N. J.
Don always gets things done in his calm, quiet way.
American Institute of Electrical Engineers and Institute of Radio Engineers; Sigma Pi.
BENEDICT R. D'AGOSTINI
224 South Munn Avenue
Irvington, N. J.
Dag's ebullient spirit makes him the life of the party.
American Institute of Electrical Engineers; Advertising Staff, Nucleus.

LAWRENCE A. DEL PLATO
138 North Day Street
Orange, N. J.
Del is affectionately known to the boys as "The Owl."
American Institute of Electrical Engineers; Junior Honors Option.

PAUL DOLID
52 Sunnyside Terrace
East Orange, N. J.
Paul has translated his lofty visions of school activities into a smoothly functioning institution.
President, Vice President, and Secretary, Phi Beta Tau; Class Council; Treasurer, Student Council; A.I.E.E.; Tau Beta Pi; Nu Chi Epsilon; Interfraternity Council; Varsity Fencing.

GERALD E. DE VERA
704 Cornelia Street
Boonton, N. J.
An old Ford car is Jerry's pride and the school's joy.
American Institute of Electrical Engineers and Institute of Radio Engineers; Feature Staff, Nucleus; Yacht Club.

ROBERT W. EDMONDS
Lake Mohawk
Sparta, N. J.
A father of a family, Bob shows geniality to all whom he meets.

ROBERT C. EISELE
64 Harrison Place
Irvington, N. J.
A true lover of the great outdoors, Bob abides by all the rules of the game.
American Institute of Electrical Engineers; Sigma Pi.
HERBERT S. EVANDER
233 North 17th Street
Bloomfield, N. J.
With dignity and ease, Herb presides.
President, A. I. E. E.; Tau Beta Pi; Glee Club.

ROBERT E. FEUCHT
8511 Second Avenue
North Bergen, N. J.
A warm hello and a ready hand are Bob's most noticeable qualities.

JOHN F. FAUGHNAN
92 Chadwick Avenue
Newark, N. J.
John is affectionately known to his associates as "Counselor."
American Institute of Electrical Engineers and Institute of Radio Engineers; Advertising Committee, Nucleus.

WILLIAM R. FINK
45 Elmwood Avenue
Union, N. J.
Bill is a leader, writer, and player in the game of chess.
President, Chess Club; Chess Club Column in Technician; Alpha Sigma Phi; Safety Committee, Visitors Day.

IRWIN A. FEIGENBAUM
149 Ridgewood Avenue
Newark, N. J.
Irv's mathematical genius has been demonstrated time after time to the satisfaction of his associates.
American Institute of Electrical Engineers and Institute of Radio Engineers; Chess Team.

KONRAD H. FISHER
313 Henry Street
Orange, N. J.
His likeable nature makes him pleasant company in any crowd.
American Institute of Electrical Engineers; Phi Beta Tau.
LAWRENCE E. GARTNER
89 Terrace Avenue
Hasbrouck Heights, N. J.
"Time ripens all things."

RAYMOND F. GEGENHEIMER
44 Norwood Avenue
Irvinton, N. J.
An indefatigable worker, Ray is quiet and unassumingly competent.
President, I. R. E.; Chairman, Tau Beta Pi Instructor Rating Committee; A. I. E. E.; Professional Societies Council, Class Council; Junior and

WARREN GELLER
291 Fair Street
Paterson, N. J.
Warren is one who takes his edu-
American Institute of Electrical En-
gineers, and Society for the Advance-
ment of Management.

JOSEPH M. GIANNOTTO
403 South 10th Street
Newark, N. J.
"Gee! I'm getting Fat."
A. I. E. E.; Advertising Staff, Nucleus; Alpha Sigma Phi; Safety Committee, Visitors Day.

CARL L. GLICK
46 Bock Avenue
Newark, N. J.
Friendly, amusing, and competent, an all-around good fellow. Institute of Radio Engineers; Radio Club.

DANIEL L. GOLDBERG
141 Ridgewood Avenue
Newark, N. J.
Nothing seems to ruffle our Dan. American Institute of Electrical Engineers and Institute of Radio Engineers.
NORMAN S. GREENBERG
401 Rahway Avenue
Elizabeth, N. J.
Truly a good fellow, Norm has learned to devote the proper amount of time to each of his varied interests.
American Institute of Electrical Engineers and Institute of Radio Engineers; Phi Beta Tau; Radio Club.

ROBERT M. HAUTZIK
109 Johnson Street
Newark, N. J.
Bob goes about with a quiet air of deserved confidence.
American Institute of Electrical Engineers and Institute of Radio Engineers; Tau Beta Pi; Basketball.

PHILLIP E. HEILMANN
E244 Washington Place
Paramus R F D-1
Hackensack, N. J.
"Say fellows, did you see what my son did yesterday?"
American Institute of Electrical Engineers and Institute of Radio Engineers.

ALEXANDER HETYEI, JR.
139 Sydamore Avenue
Livingston, N. J.
Alex has shown pluck and spunk all the way from Livingston to Newark.
American Institute of Electrical Engineers; Junior Honors Option.

RICHARD F. HONIGSBAUM
234 Lexington Avenue
Passaic, N. J.
Dick’s creative wit has enriched all of our publications.
American Institute of Electrical Engineers and Institute of Radio Engineers; Feature Writer, Technician; Write-up Staff, Nucleus.

JOHN T. JENNINGS
133 West End Avenue
Newark, N. J.
John, ever immaculate, tirelessly and smilingly comes to everyone’s aid.
Secretary, Alpha Sigma Phi; Interfraternity Council; American Institute of Electrical Engineers and Institute of Radio Engineers.
DANIEL KACHADORIAN
202 South Center Street
Orange, N. J.
Dan is a brilliant talker.
American Institute of Electrical Engineers, and Institute of Radio Engineers; Student Council Representative.

EDMUND KARDAUSKAS
201 West 16th Street
Linden, N. J.
Imbued with the professional attitude, Ed has found his niche.
A. I. E. E. and I. R. E.; Phi Beta Tau; Professional Societies Department, Nucleus; Exhibitor, Visitors Day.

GORDON H. KEMPTON
187 Poplar Avenue
Hackensack, N. J.
"Bud" is a popular fellow indeed.
Treasurer, Nu Chi Epsilon; Commodore, Yacht Club; Coach, Sailing Team; Student Council, Interfraternity; First Counselor, Sigma Pi.

PETER D. KENNEDY
674 Hunterdon Street
Newark, N. J.
Peter—bubbly, cheery, and brilliant.
Senior Class Council; American Institute of Electrical Engineers and Institute of Radio Engineers; Tau Beta Pi.

ADAM N. KAZALSKI
692 South 20th Street
Newark, N. J.
Adam typifies the belief that a man is made great or little by his own will.
American Institute of Electrical Engineers.

PETER KIMAK, JR.
513 Alexander Avenue
Linden, N. J.
“We know what we are, but know not what we may be.”
Reporter, Technician; American Institute of Electrical Engineers.
JOSEPH KOCAN
58 Bradford Avenue
Singac, N. J.
"Happiness grows at our own fireside."

LEON KLAPPOLZ
181 Schuyler Avenue
Newark, N. J.
A sportsmanlike leader in a leader's sport.
Captain, Fencing Team; American Institute of Electrical Engineers and Institute of Radio Engineers.

HENRY E. KOEHLER
521 Adams Avenue
Elizabeth, N. J.
If he's not paying social visits, he is in the midst of a classroom discussion.
Vice President, Class Council; Freshman Farewell Dance Committee; Track.

GEORGE M. KOHN
109 Columbia Avenue
Newark, N. J.
In his gentlemanly manner George has set a precedent.
American Institute of Electrical Engineers; Sigma Pi.

ROBERT H. KUHNAPFEL
4217 Bergen Turnpike
North Bergen, N. J.
Sometimes very serious thoughts come to Bob.

EVERETT L. LABAGH
745 Berkley Street
River Edge, N. J.
Everett is a regular fellow, a credit to any group.
PETER J. LaMARCA
15 Ogden Road
Belleville, N. J.
"Pee Jay" is an Aristotelean logician; he can follow an argument to its conclusion.
Class Council; American Institute of Electrical Engineers and Institute of Radio Engineers; Exhibitor, Visitors Day.

BERTIL W. LARSSON
735 Franklin Avenue
Nutley, N. J.
Bert indeed shows sparks of wit.
American Institute of Electrical Engineers.

MILLARD LEFF
170 Peshine Avenue
Newark, N. J.
Leff can organize political machines second only to Hague's.
Phi Beta Tau; Ring Committee; Student Council.

GEORGE F. LANKOW
125 Orient Way
Rutherford, N. J.
George is a social leader who also excels academically.
American Institute of Electrical Engineers and Institute of Radio Engineers; Vice President, Alpha Sigma Phi; Junior and Senior Honors Option.

RICHARD W. LARISCH
701 Stelle Avenue
Plainfield, N. J.
Dick is a man, certain to be a success.
Class Council Representative; American Institute of Electrical Engineers and Institute of Radio Engineers; Tau Beta Pi; Junior and Senior Honors Option.

LOUIS LEFKOWITZ
5 Ridgewood Avenue
Newark, N. J.
Lou's temperament suits his chosen profession.
American Institute of Electrical Engineers.
ALFRED J. LEGATH
54 Van Winkle Avenue
Passaic, N. J.
Cooperation may always be expected from quiet, amicable Al.
American Institute of Electrical Engineers and Institute of Radio Engineers; Write-up Staff, Nucleus.

MARVIN A. LEVEY
235 McAdoo Avenue
Jersey City, N. J.
"Couldn't get up this morning."
American Institute of Electrical Engineers; Pi Upsilon Phi; Safety Committee, Visitors Day; Advertising Staff, Nucleus; Junior Honors Option.

GILBERT A. LINN
200 Scheerer Avenue
Newark, N. J.
A real, practical talent has Gil.
Treasurer, A. I. E. E.; I. R. E.; Phi Beta Tau; Radio Club.

EDWARD J. LISOVICZ
290 Peshine Avenue
Newark, N. J.
Ed's understanding of the problems of life make him the center of many discussions.
Treasurer, Senior Class Council; A. I. E. E. and I. R. E.; Yachting; Junior and Senior Honors Option.

GERARD LYNCH
2 Elm Street
North Arlington, N. J.
Jerry's logic is fired by his common sense.
President, Senior Class Council; Institute of Radio Engineers.

THEODORE J. MARCHESE
11 Vine Street
Nutley, N. J.
"Time, that ancient nurse, rocked me to patience."
HAROLD MATE
163 Huntington Terrace
Newark, N. J.

Harold's keen sense of what is right is uncompromising.
Class Council; Secretary, American Institute of Electrical Engineers; Fencing.

HOWARD R. MILLER
102 North Munn Avenue
Newark, N. J.

"Howie's" friendly smile and pleasant nature blend well everywhere.
American Institute of Electrical Engineers and Institute of Radio Engineers; Sigma Pi; Yacht Club; Sailing Team.

LESTER T. NEWILL
125 Argyle Place
Arlington, N. J.

A balance between romance and studies is Lester's notable accomplishment.
American Institute of Electrical Engineers; Junior and Senior Honors Option.

ALFRED R. MOENKE
32 Van Winkle Avenue
Passaic, N. J.

Beneath his discriminating nature, one may find a wise head and a helping hand.
Class Council; American Institute of Electrical Engineers; Write-up and Circulation Staff, Nucleus; Senior Prom Committee.

NORMAN J. OCKENE
2321 Hudson Boulevard
Jersey City, N. J.

A good man to work with, for Norm knows the worth of cooperation.
American Institute of Electrical Engineers; News Writer, Technician; Tau Epsilon Phi; Radio, Ping-Pong, and Tennis Clubs.

IRWIN D. OLIN
429 Fairmount Avenue
Jersey City, N. J.

Irwin possesses the prime requisite for success—practicality.
American Institute of Electrical Engineers and Institute of Radio Engineers; Phi Beta Tau; Radio Club.
ARNOLD C. PETERSON
173 Indiana Street
Maplewood, N. J.

Pete has keen insight where electrical engineering is concerned.
American Institute of Electrical Engineers and Institute of Radio Engineers.

RICHARD T. PETRUZZELLI
20 Pleasant Avenue
Belleville, N. J.

Dick has the ability to enhance the lives of his fellows.
American Institute of Electrical Engineers; Institute of Radio Engineers.

RICHARD PRESBY
1009 Salem Avenue
Hillside, N. J.

Ambition, interest, and ability will carry Dick far.
Vice President, Tau Epsilon Phi; A.I.E.E. and I.R.E.; Interfraternity Council; Glee Club.

MICHAEL A. ROBERTI
266 North Sixth Street
Newark, N. J.

This fine student has won the title of "The Tireless Experimenter."
American Institute of Electrical Engineers and Institute of Radio Engineers; Dance Committee.

THEODORE A. PFEIFFER, JR.
204 Myrtle Avenue
Irvington, N. J.

Ted will walk an extra half block for coffee and a "New Look" pinball machine.
President, Alpha Sigma Phi; American Institute of Electrical Engineers and Institute of Radio Engineers; Interfraternity Council.

J. PETER RODEL
233 East 7th Avenue
Roselle, N. J.

Good nature and good sense must ever join.
American Institute of Electrical Engineers; Senior Class Council.
WILLIAM SALLER

Franklin Avenue
Campgaw, N. J.

Bill's ability to get along with fellow students labels him "For Success."

American Institute of Electrical Engineers and Institute of Radio Engineers; Tau Beta Pi.

F. HOWARD SALMON

44 Highview Avenue
Bernardville, N. J.

Salmon ARE quiet and shy.

American Institute of Electrical Engineers and Institute of Radio Engineers.

WILLIAM SCHLOSSER

222 Jewett Avenue
Jersey City, N. J.

“Open these windows.”

A. S. M. E.; A. I. E. E.; Advertising Staff. Nucleus; Safety Committee, Visitors Day; Warden, Pi Kappa Phi; Junior Honors Option.

CHARLES J. SCHMIDT

453 Central Avenue
Jersey City, N. J.

Charlie has three full-time interests—a wife, a car, and a summer home.

American Institute of Electrical Engineers and Institute of Radio Engineers.

HERBERT SCHREIBER, JR.

1031 Norton Road
Union, N. J.

Herb is one of the few men who can be well fed because his food is prepared by his expert wife.

American Institute of Electrical Engineers and Institute of Radio Engineers; Sigma Pi; Yacht Club; Junior and Senior Honors Option.

OTMAR P. SCHREIBER

1715 Andress Terrace
Union, N. J.

He maintains a high standing in every field he enters.

President and Trustee, Radio Club; A. I. E. E.; Tau Beta Pi; Junior and Senior Honors Option.
Saul Scott
106 Madison Avenue
Perth Amboy, N. J.

Despite his commuting to Perth Amboy daily, Saul finds time to play basketball.
American Institute of Electrical Engineers and Institute of Radio Engineers.

Robert J. Skettini
693 East 28th Street
Paterson, N. J.

Bob is sure to accomplish much because he applies himself to many fields.
American Institute of Electrical Engineers and Institute of Radio Engineers.

Hobert J. Skettini
693 East 28th Street
Paterson, N. J.

Bob is sure to accomplish much because he applies himself to many fields.
American Institute of Electrical Engineers and Institute of Radio Engineers.

Daniel C. Spitzi
140 West Jersey Street
Elizabeth, N. J.

Don’t blame Danny; blame the car.
Treasurer, Institute of Radio Engineers; American Institute of Electrical Engineers; Junior Honors Option.

Marvin W. Skones
456 Fourth Avenue
Newark, N. J.

Mary has a debonair mien and a suave approach.
American Institute of Electrical Engineers.

Anthony M. Stanley
636 Twain Place
Union, N. J.

A connoisseur of natural beauty, Tony adds to the scene with his own appearance.
American Institute of Electrical Engineers and Institute of Radio Engineers; Interfraternity Council; Vice President and Treasurer, Alpha Sigma Phi.

John A. Staluppi
33 Shaler Avenue
Hudson Heights, N. J.

He has the ability to get things done without delays or inconveniences.
American Institute of Electrical Engineers; Interfraternity Council; Delta Sigma Zeta.
HENRY C. STEPHAN
566 Alden Street
Woodbridge, N. J.

"Knowledge is the knowing that we cannot know."

HENRY STROKE
South Street
Murray Hill, N. J.

"A bit of sound sense is what makes men."

STEPHEN STEPHENSON
24 Southard Street
Paterson, N. J.

JOHN STEVENSON
79 Elmwood Avenue
Irvington, N. J.

Our Henry!

DAVID I. TAYLOR
41 Washington Avenue
West Caldwell, N. J.

Traveling distance has never interfered with his punctuality or his grooming.

Vice President, Rifle Club.

PRESTON J. TRAVIS
451 Sherman Street
Rahway, N. J.

"Now, if you were unionized."

American Institute of Electrical Engineers.
JOHN EDMUND TUTTY
286 Summer Avenue
Newark, N. J.
A great judge of beauty, a "gone" dancer and a devout bridge player—what more can one say of Jack?
American Institute of Electrical Engineers; Society for the Advancement of Management; Sigma Nu.

DAVID J. VAN SLOOTEN
279 Madison Avenue
Paterson, N. J.
"He thought as a sage though he felt as a man."
Tau Beta Pi.

HENRY J. WALTHER
35 Montrose Street
Newark, N. J.
Both Hollywood's Robert Taylor and our Henry wear formal clothes with ease.

WILLIAM R. WANKMULLER
195 Lincoln Place
Irvington, N. J.
Everyone affectionately calls him "Wank."
American Institute of Electrical Engineers; Demonstrator, Visitors Day.

HUGO M. WIKSTROM
235 East 46th Street
New York City, N. Y.
This unhurried fellow has never passed so quickly that he missed the pleasures along the way.

RICHARD W. YOUNG
386 Chadwick Avenue
Newark, N. J.
Dick enjoys himself immensely in the courses where the instructors write upside down.
American Institute of Electrical Engineers; Junior and Senior Honors Option.
WILLIAM C. SCHMIDT
87 Hillcrest Terrace
East Orange, N. J.
He seems indeed a man of destiny.
Class Council; American Institute of
Electrical Engineers; Associate, Insti-
tute of Radio Engineers.

WILLIAM S. BALLANTYNE
238 4th Avenue
East Orange, N. J.
"And all your fortune lies beneath your hat."

DAVID CAROL
239 Lincoln Avenue
Clifton, N. J.
We hope Dave continues to make grades.
Vice President, Sophomore Class
Council; A. I. E. E.

HARVEY DAVIES
36 Jefferson Avenue
Hasbrouck Heights, N. J.
"Difficulty is a severe instructor."

FRANKLIN S. HOWARD
5 North Grove Street
East Orange, N. J.
"A wise man will make more oppor-
tunity than he finds."
Pi Kappa Phi.

HERBERT W. THODE
178 Monroe Avenue
Leonia, N. J.

ROBERT J. JARMICK
225 North Maple Avenue
East Orange, N. J.
He may not say much, but what
Bob says is worth listening to.
American Institute of Electrical En-
gineers and Institute of Radio En-
gineers; Chess Club.

KENNETH SCHERZER
29 Beach Street
Jersey City, N. J.
"Tma no gonna say!" and he means it.
American Institute of Electrical En-
gineers and Institute of Radio En-
gineers; Junior and Senior Honors
Option.

JOSEPH H. LUX
146 East 3rd Street
Clifton, N. J.
Joe has spent more time on the 112
bus than most students spend in class.
Mechanical Engineering Department

PROFESSOR HAROLD E. WALTER
Executive Associate, Acting Chairman

PROFESSOR JEROME L. POLANER
Assistant Executive Associate


ROBERT E. ABBOTT
410 South Clinton Street
East Orange, N. J.
A serious devotee of bridge.
American Society of Mechanical Engineers; Society for the Advancement of Management.

ROBERT Y. ABRAMSON
170 North Pleasant Avenue
Ridgewood, N. J.
Bob and John are our class example of Damon and Pythias.
American Society of Mechanical Engineers.

JAMES D. AITKEN
192 Kearny Avenue
Kearny, N. J.
James' grave concern for school has deprived us of a better understanding of him.
American Society of Mechanical Engineers.

WALTER ANNAHEIM
455 Stuyvesant Avenue
Lyndhurst, N. J.
Though a quiet, unassuming scholar, Walter's list of friends is very impressive.
American Society of Mechanical Engineers; Honors Option.

WILLIAM J. ANTHES
1120 Anna Street
Elizabeth, N. J.
Resilient Bill, after four years still has a hearty smile.
American Society of Mechanical Engineers; Demonstrator, Visitors Day.

FRANK W. ARTUSIO
132 66th Street
West New York, N. J.
Frank has a heart with room for every joy.
Vice President, Delta Sigma Zeta; Secretary, Rifle Club; American Society of Mechanical Engineers; Glee and Basketball Clubs.
CHARLES BECHT
244 40th Street
Irvington, N. J.

Charles can still be heard saying, "Correct."
Class Council; A.S.M.E. and S.A.M.; Dance Committee, Senior Prom.

EMIL P. BERTRAM
14 Davis Avenue
East Orange, N. J.

Never idle a minute, but mild and thoughtful of others.
American Society of Mechanical Engineers.

RICHARD I. BETTS
57 Willow Street
Bloomfield, N. J.

"My own thoughts are my companion."

HENRY V. BETZ
91½ Clerk Street
Jersey City, N. J.

Henry shows a selfless devotion to humor.
American Society of Mechanical Engineers and Institute of Radio Engineers.

CORNELIUS W. BOSLAND
322 North 8th Street
Paterson, N. J.

"Don't tread on me."
Class Council; American Society of Mechanical Engineers; and Society for the Advancement of Management.

GERALD BRODSKY
520 Boulevard
Kenilworth, N. J.

Hearty and warm, Jerry competently makes friends and builds organizations.
President, Tau Delta Phi; Junior Class Council; A.S.M.E., S.A.M.; Tau Beta Pi; Interfraternity Council; Junior Honors Option.
FRANK T. BRONNER
172 Huber Street
Secaucus, N. J.
They cometh unto the halls of learning by all manner of transport.
Class Council; American Society of Mechanical Engineers; Tau Beta Pi; Guide, Visitors Day; Junior and Senior Honors Option.

J. ROBERT BROWN
35 Stephen Street
Montclair, N. J.
His effervescence will bring success to himself and happiness to others.
Class Council; American Society of Mechanical Engineers; Visitors Day.

DONALD F. BYRON
13 Howard Place
Belleville, N. J.
Don is an artist-engineer with a flare for harmony.
Class Council; American Society of Mechanical Engineers; Art Staff, Nucleus.

RICHARD C. CAMPBELL
300 Carteret Place
Orange, N. J.
Carefree Dick is completely able to cope with any of life's problems.
American Society of Mechanical Engineers and Society for the Advancement of Management.

LEONARD CASTELBAUM
414 Leslie Street
Newark, N. J.
Wherever Len's wanderlust may carry him, he will be among friends.
President, Phi Beta Tau; American Society of Mechanical Engineers and Society for the Advancement of Management; Interfraternity Council.

SAMUEL M. CHIMOFF
48 Hawthorne Avenue
East Orange, N. J.
Dignified and discreet, Sam makes an imposing appearance.
WALTER W. CLAFFEY
82 North Arlington Avenue
East Orange, N. J.
Walt feels that industriousness is the soul of business.
American Society of Mechanical Engineers.

ROBERT S. COLEMAN
42 Cummings Street
Irvington, N. J.
Bob's heart of gold is surrounded by a glitter of garrulity.
American Society of Mechanical Engineers; Alph Sigma Phi.

RAYMOND B. CRAIG
216 Littleton Road
Morris Plains, N. J.
The strong silent type.
American Society of Mechanical Engineers; Society for the Advancement of Management; Honors Option.

JAMES E. COLLOPY
542 Lillian Terrace
Union, N. J.
Reserved, yes—but his bright smile is captivating.
American Society of Mechanical Engineers.

ROBERT S. COLEMAN
42 Cummings Street
Irvington, N. J.
Bob's heart of gold is surrounded by a glitter of garrulity.
American Society of Mechanical Engineers; Alph Sigma Phi.

RAYMOND L. DEHMER
31 South Boyden Parkway
Maplewood, N. J.
Ray is noted for his quiet stability.
American Society of Mechanical Engineers.

ARTHUR H. DECKER
131 Parmelee Avenue
Hawthorne, N. J.
Handsome Art is Sigma Pi's athlete.
American Society of Mechanical Engineers; Sigma Pi; Boxing Club.
VITO DiPALO
167 Maple Avenue
Irvington, N. J.

With compelling executive charm, Vito is gay even at an 8:00 A.M. class.
President, Society for the Advancement of Management and Professional Societies Council; Nu Chi Epsilon; American Society of Mechanical Engineers; Honors Option.

JOHN M. DURSTEWITZ
64 Vreeland Avenue
Nutley, N. J.

Dusty, our photogenic photographer, has the poise of a model.
American Society of Mechanical Engineers; Photography Club.

HUGH H. DINSMORE
130 Chrystal Street
Dover, N. J.

Hugh is no square at a square dance.
American Society of Mechanical Engineers; Society for the Advancement of Management.

John J. FAGAN
11 Berrington Lane
Wharton, N. J.

Above all else, a gentleman.
American Society of Mechanical Engineers and Society for the Advancement of Management.

FREDERICK L. FARLEY
245 William Street
Orange, N. J.

His unlimited abilities forecast unbounded success.
President, Tau Beta Pi; President, A.S.M.E.; S.A.M.; Professional Societies Council; Social Affairs Council; Nu Chi Epsilon; Chairman, Student Faculty Smoker—1948; Honors Option Display, Visitors Day; Junior and Senior Honors Option.

JAMES E. FERRARA
484 Nye Avenue
Irvington, N. J.

Jim's bright smile haunts us still.
American Society of Mechanical Engineers and Society for the Advancement of Management.
JOHN FISHER
410 East 31st Street
Paterson, N. J.

Blushing John proves the adage: “A friend in need is a friend indeed.”
American Society of Mechanical Engineers; Demonstration, Visitors Day.

JOHN W. FLANNERY
218 Grant Avenue
Jersey City, N. J.

“Science when well digested is nothing but good sense and reason.”
American Society of Mechanical Engineers and Society for the Advancement of Management; Sophomore Class Council.

FREDERICK FRANKEL
455 Beach 37th Street
Far Rockaway, N. Y.

Fred’s greatest despair is that there are only twenty-four hours in a day.
A.S.M.E.; Tau Beta Pi; Phi Beta Tau; Contributor, Handbook; Chess Club; Junior Honors Option.

EDMUND C. GARRABRANT
83 Lafayette Street
Paterson, N. J.

A willing worker, Ed is welcome anywhere.

WILLIAM C. GAUTHIER
163 Carteret Street
Glen Ridge, N. J.

A ready hello to all is only one of Bill’s admirable traits.

CHARLES S. GRAHAM
274 Parker Street
Newark, N. J.

“All things are won by diligence.”
American Society of Mechanical Engineers.
JULES A. GRUBER
363 Oak Street
Passaic, N. J.

His secret of success—99% inspiration, 1% perspiration.

Vice President, Tau Beta Pi; Literary Editor, Nucleus; Editor, Handbook; A. S. M. E.; Nu Chi Epsilon; Chairman, Student-Faculty Smoker—1949; Student Council; Student Services Committee; Class Council; Tau Beta Pi Essay Award; Junior Honors Option.

ARAM C. HAMILIAN
66 Valley Road
Montclair, N. J.

Forty hours of employment per week notwithstanding, Aram still came through day-school with a ready smile and an enviable record. A. S. M. E.; Tau Beta Pi; Junior and Senior Honors Option.

HARRY E. HAMMELL
8 Millington Avenue
Newark, N. J.

Humorous, helpful, happy.

American Society of Mechanical Engineers; Senior Class Council; Layout Staff, Nucleus.

ZIGMUND HARKIEWICZ
221 Garside Street
Newark, N. J.

To what heights does his wandering mind aspire?

American Society of Mechanical Engineers.

HENRY J. HART
30 Cleveland Street
Englewood, N. J.

To know Henry is to catch a glimpse of Euler, Lincoln, and Voltaire.

Secretary, Junior and Senior Class Councils; Literary Staff, Nucleus; A. S. M. E.; Tau Beta Pi; Student Services Committee; Tau Beta Pi Essay Award; Junior and Senior Honors Option.
HENRY W. HARTMANN
1 44 Highway 17
Rutherford, N. J.

Neither sleet nor rain nor snow nor dark of night will keep Henry and his motorcycle from school.
American Society of Mechanical Engineers; Alpha Sigma Phi; Junior Honors Option.

ROBERT N. HAYS
25 Erwin Place
West Orange, N. J.

“The essence of humor is sensibility.”
Manager, Basketball Team; A. S. M. E. and S. A. M.; Class Council; Feature Staff, Nucleus.

HALSEY R. HELWIG
450 Stuyvesant Avenue
Irvington, N. J.

Employed as an engineer, Walter Kidde and Company.
Class and Student Councils.

FREDERICK W. HERBST
138 Claremont Avenue
Jersey City, N. J.

The sleepy mariner.
American Society of Mechanical Engineers.

JOHN W. HIGLEY
49 High Street
Glen Ridge, N. J.

Quiet and unassuming, with a deep regard for his fellows.
American Society of Mechanical Engineers and Society for the Advancement of Management.

WILLIAM F. HOLLERBACH
712 Livingston Street
Elizabeth, N. J.

“Without a holler.”
American Society of Mechanical Engineers.
GEORGE N. HOLZAPFEL
351 Morris Avenue
Elizabeth, N. J.
George exhibits a fine balance of hard work and ability.
American Society of Mechanical Engineers; Senior Class Council.

CHARLES H. HOUGHTALING
407 Valley Street
Maplewood, N. J.
Chuck is completely wrapped up in machines—pinball and shooting.
American Society of Mechanical Engineers.

LE ROY H. HUBERT
Veterans’ Housing
Belleville, New Jersey
“What I don’t understand is . . .”
American Society of Mechanical Engineers and Society of the Advance-ment of Management; Senior Honors Option.

JOSEPH F. HUBERT
55 Hancock Avenue
Jersey City, N. J.
Joe has come to see the light of day in his senior year.
American Society of Mechanical Engineers.

HEINZ A. JAFFE
485 Hawthorne Avenue
Newark, N. J.
His contributions to the cultural life of the college will be remem-bered.
Music Editor, Technician; Secretary, A. S. M. E.; Tau Beta Pi; Junior and Seniors Honors Option.

JOSEPH T. KELLY
60 Garden Terrace
North Arlington, N. J.
Grow old along with me, the best is yet to be.
American Society of Mechanical Engineers; Junior and Senior Honors Option.
TARAS KICENIUK
22 Clark Place
Elizabeth, N. J.
A singular combination of artist and scientist; a religious devotion to truth and logic.
Historian, Yacht Club; A. S. M. E.; Tau Beta Pi; Literary Staff, Nucleus; Fencing Club; Junior and Senior Honors Option.

JOHN KOHKE
420 Stuyvesant Avenue
Irvington, N. J.
A good worker with ever growing capabilities.
Secretary, S. A. M.; Junior Class Council; A. S. M. E.; Senior Ring and Dance Committees; Lecturer, Visitors Day.

STANLEY T. KREMZNER
Box 106, Mountain Avenue
Pompton Plains, N. J.
You need only awaken "Snoozer" to become aware of his friendly and helpful personality.
American Society of Mechanical Engineers; Sophomore and Junior Class Councils.

RICHARD B. KRIFTNER
53-23 62nd Street
Maspeth, N. Y.
Kriff took time off during Christmas vacation to have a baby. The cigars were fine.
American Society of Mechanical Engineers; Junior Honors Option.

HARVEY LEVY
120 Bremond Street
Belleville, N. J.
His background portends a successful career in production.
Secretary, Tau Epsilon Phi; American Society of Mechanical Engineers; Fencing Club; Junior Honors Option.

WILLIAM LIEBERMAN
827 South 18th Street
Newark, N. J.
Bill's jovial philosophy has not affected his keen perception of scientific detail.
Vice-President, American Society of Mechanical Engineers.
EUGENE G. LINDLEY  
7 Underwood Street  
Newark, N. J.  
Stable, intelligent, quiet—and with a sense of humor.  
American Society of Mechanical Engineers; Tau Beta Pi; Senior Honors Option.

ROSARIO LOBOSCO  
754 Pennsylvania Avenue  
Lyndhurst, N. J.  
Steady, persevering, conscientious.  
American Society of Mechanical Engineers.

WARREN E. LONGFIELD  
13 Berkeley Place  
Livingston, N. J.  
The power of thought—the magic of the mind.  
American Society of Mechanical Engineers.

STANLEY E. MAZUR  
557 Grove Street  
Irvington, N. J.  
Stan’s quiet, steady application to his work promises worthy results.  
American Society of Mechanical Engineers.

THOMAS P. LONG, JR.  
325 East 28th Street  
Paterson, N. J.  
Tom is a paragon of intellectual and moral integrity.  
American Society of Mechanical Engineers.

GEORGE R. McCLURE  
729 Irving Street  
Secaucus, N. J.  
“Learn to make the most of life.”  
American Society of Mechanical Engineers.
JAMES R. McCORMICK
6 Claremont Place
Bloomfield, N. J.
"Let's get squared away."
American Society of Mechanical Engineers and Society for the Advancement of Management.

JOSEPH R. MESSINEO
131 Bloomfield Avenue
Paterson, N. J.
Lively, spritely Joe, quick to see the humor in a despairing situation.
American Society of Mechanical Engineers.

LOUIS H. MEYER
220 Jay Avenue
Lyndhurst, N. J.
"Where there's music there can't be mischief."
American Society of Mechanical Engineers and Society for the Advancement of Management; Senior Class Council; Glee Club.

CARL J. MICHELS, JR.
21 Cornell Street
Irvington, N. J.
One will never catch Carl unaware.
Vice President, Freshman Class Council; Freshman Student Council; Representative, A. S. M. E.; Alpha Sigma Phi; Track.

HERMAN W. MIELISH
616 Elm Street
Arlington, N. J.
Herman shows the result of hard work and conscientiousness.
American Society of Mechanical Engineers.

FRANK M. MONEZ
215 Vermont Avenue
Irvington, N. J.
A familiar sight—holstered slide-rule and bowed head.
American Society of Mechanical Engineers and Society for the Advancement of Management; Junior and Senior Class Councils; Senior Ring and Dance Committees.
RAYMOND K. MORTENSEN
18 Ricord Street
Newark, N. J.
Ray is already an enterprising business man.
Vice President, Sigma Pi; Interfraternity Council; American Society of Mechanical Engineers.

PETER R. MULLER, JR.
100 Parkview Drive
Bloomfield, N. J.
Pete pursues bridge with unrequiting fervor.
American Society of Mechanical Engineers.

WILLIAM W. MUTTER
13-09 Ferry Heights
Fairlawn, N. J.
Bill is the chief technical consultant of Sigma Pi.
Treasurer, Sigma Pi; American Society of Mechanical Engineers.

ROBERT J. MURPHY
154 Lockwood Drive
Clifton, N. J.
An amphibious engineer is Murph.
American Society of Mechanical Engineers.

FRANK NAVRATIL
Mountain Avenue
Pompton Plains, N. J.
Frank is the boy that knows all the angles.
President and Vice President, Sigma Pi; President, Sophomore and Junior Class Councils; Chairman, Orchid Ball and Junior Prom; Advertising Manager, Nucleus; A.S.M.E.; Student, Social Affairs, and Interfraternity Councils; Junior Honors Option; Athletic Association.

JAMES R. NILE
5 Porter Road
Maplewood, N. J.
Jim is a good sailor and a swell guy to know.
Treasurer, Vice Commodore, and Commodore, Yacht Club; Herald, Sigma Pi; Secretary, Social Affairs Council; A.S.M.E.; Interfraternity Council; Ping Pong Club.
CONRAD NORDFORS, JR.
20 Park Avenue
North Arlington, N. J.
One of a noble pair of brothers.
American Society of Mechanical Engineers; Interfraternity Council; Sigma Pi; Glee Club.

EDGAR G. NORDFORS
21 Beech Street
North Arlington, N. J.
Our solid citizen, Ed's sturdy, thoughtful mind and complete dependability make him the success that he is.
Vice President, Senior Class Council; Secretary, Tau Beta Pi; Chairman, Program Committee; Visitor's Day; News Editor, Technician; Layout Staff, Nucleus; A.S.M.E. and S.A.M.; Nu Chi Epsilon; Social Affairs Council; Fencing and Glee Clubs; Junior and Senior Honors Option.

RICHARD A. OHR
121 Reynolds Place
South Orange, N. J.
A quiet exterior disguising an active, thoughtful mind.
American Society of Mechanical Engineers and Society for the Advancement of Management.

KENNETH H. OPPENHEIMER
987 Richard Court
Teaneck, N. J.
A distinguished appearance, a friendly mien.
American Society of Mechanical Engineers.

HENRY A. ORBAN
81 Alexander Avenue
Upper Montclair, N. J.
Henry's ability and personality definitely make him "Top Flight."

BERNARD J. OWENS
99 Montclair Avenue
Newark, N. J.
A quiet tongue showeth a wise head.
American Society of Mechanical Engineers.
JAMES H. PAYNE
23 Ridge Road
Great Notch, N. J.
Unswerving, undaunted, unhurried.
American Society of Mechanical Engineers; Junior Class Council.

WILLIAM M. PLAINE
560 Cumberland Avenue
Teaneck, N. J.
Just "Plaine" Bill.
American Society of Mechanical Engineers; Yacht Club.

RICHARD C. PORTOFEE
561 Prospect Street
Nutley 10, N. J.
Dick's smiles are as inspired as his sober thoughts.
President and Secretary-Treasurer, Interfraternity Council; Vice President, Sigma Pi; Secretary, Sophomore Class Council; Representative, A. S. M. E.; Honors Option, Junior and Senior years.

EDWARD C. POWELL
90 Myrtle Avenue
North Plainfield, N. J.
Handsome Eddy, the third Tau Beta in his family, is a passionate bridge player.
American Society of Mechanical Engineers; Tau Beta Pi; Senior Smoker Committee; Senior Honors Option.

JAMES F. ROCK
344 Walton Avenue
South Orange, N. J.
Jim's obvious spirit of independence stems from his acute sense of reality.
Senior Honors Option.

WALTER J. ROSE
49 Mount Pleasant Avenue
West Orange, N. J.
Walt is easily recognized by his perpetual sincere smile.
American Society of Mechanical Engineers.
Nothing great is accomplished without enthusiasm.

President, Alpha Sigma Phi; Vice President, Freshman and Sophomore Class Councils; Junior and Senior Class Councils; A.S.M.E. and S.A.M.; Senior Prom Committee; Interfraternity Council; Junior and Senior Honors Option.

That's all right for YOU guys, but . . .

Demonstrator, Visitors Day.

The best of me is diligence.

A business man with a business mind. Paul possesses a remarkable capacity to get things done.

Commodore, Vice Commodore, and Treasurer, Yacht Club; Representative, A.S.M.E.; S.A.M.; Glee Club; Honors Option in freshman, sophomore, and junior years.
FRED W. SCHMIDT
50 18th Avenue
Paterson, N. J.
Fred has a sly sense of humor.
Vice President, Alpha Kappa Pi.

RAYMOND H. SCHMITT
66 19th Avenue
Newark, N. J.
"Small service is true service."
American Society of Mechanical Engineers and Society for the Advance-ment of Management; Alpha Sigma Phi.

FREDERICK W. SCHNEIDER
12-B-1 Pacific Drive
Winfield Township
Linden, N. J.
Genius is essentially creative; it bears the character of the individual who possesses it.
American Society of Mechanical Engineers; Tau Beta Pi; Junior and Senior Honors Option.

PETER J. SCRIFIGNANO
235 Mount Prospect Ave.
Newark, N. J.
"He that questions nothing learns nothing."
American Society of Mechanical Engineers; Senior Honors Option.

WILLIAM S. SHERMAN
4 Peter Cooper Road
New York City, New York
None but himself can be his parallel.
American Society of Mechanical Engineers and Society for the Advance-ment of Management.

ALFRED W. SIMAN
272 New Jersey Avenue
Union, N. J.
He owns a vast, substantial smile.
American Society of Mechanical Engineers; Junior Honors Option.
ARNOLD SINGER
2 Keer Avenue
Newark, N. J.
What care I what lies ahead.
President, Interfraternity Council;
Treasurer and Vice President, S. A. M.;
Treasurer and Vice President, Phi Beta Tau;
Professional Departments Editor, Nucleus;
A. S. M. E.; Student and Social Affairs Councils.

ROBERT V. SALVEST
617 Harrison Avenue
Harrison, N. J.
"Keep cool and you command everybody."
A. S. M. E. and S. A. M.; Junior Class Council;
Junior Prom Committee.

V AHN J. SOOJIAN
952 Main Avenue
Passaic, N. J.
Soft-spoken Vahn is a gentleman among gentlemen.
American Society of Mechanical Engineers;
Junior Honors Option.

THADDEUS J. SNIFFEN
145 Dekavan Avenue
Newark, N. J.
Ted has an air of sobriety and is a pillar of dependability.
A. S. M. E. and S. A. M.; Feature Staff, Nucleus.

ALFONSO J. SORIANO
312 New Street
Plainfield, N. J.
Always with a quiet smile and a friendly word.
American Society of Mechanical Engineers and Society for the Advancement of Management;
Alpha Sigma Phi.

BERNARD S. SPECKHART
78 Lexington Avenue
Maplewood, N. J.
Speck's aptitude for oral expression should be given the opportunity of further development.
American Society of Mechanical Engineers.
DONALD T. SPENGEMAN
321 Van Buren Avenue
Teaneck, N. J.

Don’s painstaking approach to engineering should lead him to a successful career.
Representative, Class Council; A. S. M. E.; Professional Department Committee; Nucleus; Junior Prom Committee.

MAX G. STOLMAN
1466 St. Johns Place
Brooklyn, N. Y.

Mac is willing and able.
A. S. M. E.; Student Council Representative; Custodian, Tau Delta Phi.

ANTHONY W. STRANO
703 South 18th Street
Newark, N. J.

“A quiet man is richer than a crown.”
A. S. M. E. and S. A. M.; Interfraternity Council; Treasurer, Secretary, Delta Sigma Zeta; Junior Honors Option.

ERIC J. STRAUS
109 Hillside Avenue
Newark, N. J.

A thirst for knowledge, and a desire for truth.
Executive Board, S. A. M.; A. S. M. E. Representative; Tau Beta Pi; Visitor’s Day; Junior and Senior Honors Option.

WILLIAM C. SWENEY
Kenvil Avenue
Kenvil, N. J.

Silence has its advantages.
American Society of Mechanical Engineers.

LAWRENCE J. TALARICO
604 Mount Prospect Avenue
Newark, N. J.

A conscientious worker who likes to get things done—his way.
American Society of Mechanical Engineers; Alpha Sigma Phi; Glee Club.
DAVID S. WAHLBERG
1 Valley Place
Upper Montclair, N. J.
"In Wisdom's ranks he stands high."

JOHN R. GREENWOOD
231 East Woodland Road
New Milford, N. J.
John laughs, sings, and even goes square dancing.

PAUL H. ZIMMERMAN
101 Chestnut Avenue
Irvington, N. J.
Zimmy is at home in classroom and machine shop alike.

JOSEPH R. MARSICOVETE
107 Monroe Street
Hoboken, N. J.
From out of the shadows of Stevens to us.

BERNARD ZURKOFF
47 Mount View Avenue
Newark, N. J.
During four years at school he has never been seen angry.
Representative, American Society of Mechanical Engineers.

GORDON C. SCHULTZE
212 Charlotte Terrace
Roselle, N. J.
Enlightenment at night.
JOSEPH F. SHINE
810 Devon Street
Arlington, N. J.
A light from out of the night.

ALBERT SPAAK
95 Lincoln Avenue
Little Falls, N. J.
Al finds great solace in "The house by the side of the road."
American Society of Mechanical Engineers.

JOHN ZAKANYCZ
171 Van Winkle Avenue
Jersey City, N. J.
Watch for John's brother in a later Nucleus.

80
JOHN J. BARETT
75 Brighton Avenue
Kearny, N. J.
"Men love to wonder and that is
the seat of our science."

LOUIS H. BLENDERMANN
641 Lincoln Avenue
Orange, N. J.
At last! A brilliant mechanical en-
gineer who is proficient with things mechanical.
A. S. M. E.; Tau Beta Pi; Guide,
Visitors' Day; Junior and Senior Hon-
or Option.

PETER J. CARR
132 Rutherford Place
North Arlington, N. J.
From the open spaces of Arizona
to the clamor of our industrial city.

J OSEPH GASIOR
166 Sadler Road
Bloomfield, N. J.
Not in rewards, but in strength to
strive, the blessing lies.

ARNOLD J. GOTTLIEB
173 Paine Avenue
Irvington, N. J.
His discerning ear, his able tongue
rival this engineer's keen analytical
ability.
American Society of Mechanical En-
gineers.

ARTHUR HANSEN
609 Willow Avenue
Garwood, N. J.
"The reward of one duty is the
power to fulfill another".

SPENCER HARRIS
Birchwood Trail, Fayson Lakes
Butler, N. J.
Skill and confidence are an un-
conquered army.
Tau Beta Pi.

EMIL T. HRYSHKANYCH
55 Shrewsbury Avenue
Red Bank, N. J.
The virtue lies in the struggle, not
the prize.

WILLIAM V. JOHNSON
5 Moore Terrace
West Orange, N. J.
"Civilities are never thrown away."

WILLIAM J. MARTIN
434 North Second Street
East Newark, N. J.
Perseverance—yes, Bill surely has
that quality.

VICTOR MORGEN
23 Franklin Avenue
West Caldwell, N. J.
"Giving calls for genius."

RICHARD G. SASSE
50 Laurel Drive
Packanack Lake, N. J.
Never a sassy word.

BERNARD H. SMITH
511 18th Avenue
Newark, N. J.
Bernie is an all-around good fellow
who frets unnecessarily over grades.
Historian and Custodian, Tau Delta
Phi; A. S. M. E. and S. A. M.; Junior
Honors Option.

FRANCIS J. STAVISH
151 Duer Street
North Plainfield, N. J.
"An ounce of mirth is worth a
pound of sorrows."

RICHARD W. STOBAEUS
77 Durand Road
Maplewood, N. J.
"Mirth prolongeth life and causeth
health."

ALFRED H. UHLMAN
17 Rowland Avenue
Clifton, N. J.
"Time and I are the two rightest
monarchs."

ARTHUR K. YOUNG
148 Chancellor Avenue
Newark, N. J.
Art's unquestioned supremacy at
bridge is paralleled by his brilliance
in mathematics.
Secretary, Tau Beta Pi; A. S. M. E.;
Junior and Senior Honors Option;
Tau Beta Pi Essay Award.

GEORGE C. ZIMMERMAN
R. F. D. No. 1
Morris Plains, N. J.
"A generous action is his own re-
ward."
NONPROFESSIONAL DEPARTMENTS
PROFESSOR DAVID E. DAVIS  
Chairman

PROFESSOR FRANCIS J. BURNS  
Executive Associate

Professor Robert Widdop


PROFESSOR M. LELYN BRANIN  
Chairman

PROFESSOR THOMAS J. TULLY  
Executive Associate

Professors: John A. Bishop, Robert B. Parker, Fredrick W. Bauder.

PROFESSOR JAMES H. PITMAN  
Chairman

PROFESSOR FRANK A. GRAMMER  
Executive Associate

Professor Frank M. Durkee


PROFESSOR GEORGE C. VEDOVA  
Chairman

PROFESSOR POMPEY MAINARDI  
Executive Associate


PROFESSOR CLARENCE H. STEPHANS
Executive Associate, Acting Chairman

MR. ROBERT KIEHL
Executive Assistant

Professor Walter G. H. Ryan


PROFESSOR PAUL O. HOFFMAN
Acting Chairman

PROFESSOR ACHILLE CAPECELATRO
Executive Associate


PROFESSOR OLIVER J. SIZELOVE
Executive Associate, Acting Chairman

PROFESSOR WILLIAM J. JAFFE
Executive Assistant

UNDERGRADUATES
Because of its unwieldiness due to size, the class of 1950 is organized on the council plan, whereby each section of the class each term elects two representatives to the class council. Formerly the class officers were chosen from the ranks of the council by vote of the council members. However, at the end of the Junior year election of the class officers was accomplished by vote of the entire class.

The class is now composed of about four hundred students and any member of the class may become a council representative and subsequently an officer of the class.

In keeping with its program of previous years, the class of 1950 began its social activities for 1948-49 with a Junior Class-Faculty Smoker on October 29, at which a good time was had by all. Next came the Junior Thanksgiving Informal at the Meadowbrook with Alvino Rey. This marked the first time a "name" band had been made available for N.C.E. students as well as the first time N.C.E. had been given coast-to-coast publicity over the air-waves. In February, on the eve of Washington's birthday, the Junior Prom was held. Early in April, for the second consecutive year, a trip to New York with theater parties, free radio shows, movies, and selected dining places, was undertaken by the members of the class and their wives or sweethearts. Late in April a second smoker was held. Then in May to round out a full year the class staged a picnic outing for the fellows and their girls.

With an eye to the not so distant future, a Ring Committee headed by Joseph Pedrin, was formed early in the year, and a skeleton Yearbook Committee was formed to keep abreast of developments in the creation of the Class of 1949's Yearbook.
Class Officers

VINCENT PURCELL . . . . . . . President
JOSEPH WALLER . . . . . . . Vice President
DWAYNE McGAUGHEY . . . Recording Secretary
HARRY BETHMANN . . . Corresponding Secretary
HERMAN HEMPEL . . . . . . Treasurer
MR. EDWARD JOHNSON . . . Faculty Adviser

Class History

After the original furor of organization was over, the class of "51" began to demonstrate a very definite interest in school activities. With the help of Mr. Edward Johnson a baseball team was started which developed into a varsity sport the following year.

Mr. Johnson was elected class adviser at the beginning of the sophomore year. With his help more stress was placed on the class social functions and their success. Hence a dancing class was initiated so that the participation would be more general. It also added another dance and a smoker to its yearly social calendar.

Other activities initiated by members of the class of "51" are the gym team and the golf club which are in the process of organization. With the hope that these activities will be permanent additions to the school life this class hopes to take an increasingly active part in school affairs.
Class Officers

BERNARD C. KEACH . . . . . . . . . . . . . . . . . . . . . . President
EDWARD A. REHLING . . . . . . . . . . . . . . . . . . . . Vice President
JOHN EBER . . . . . . . . . . . . . . . . . . . . . . . . . . . . Secretary
ROBERT HARDING . . . . . . . . . . . . . . . . . . . . . . Treasurer

Class History

The Class of 1952 was organized early in October 1948, a few weeks after school opened, under the able guidance and assistance of Nu Chi Epsilon Society. Theodore Litwin was elected temporary chairman and George Mathews temporary Secretary. Under their supervision the formalities of a constitution and election of officers were conducted. The permanent officers were elected and in addition Kort Kuenzle represents the class on the Welfare Committee and Robert Bird on the visitors day committee.

Social events of the Freshman class consisted of a smoker in February and the Frosh Dance in April.

Members of the class participated actively in intramural basketball, bowling, ping-pong, swimming and baseball.
ACTIVITIES
OFFICERS

ARNOLD KATZ  . . . . . . . . President
NORMAN DAMRON  . . . . . . Vice President
PAUL DOLID . . . . . . . . . Treasurer
ALBERT C. SMITH . . . . . . Recording Secretary
MRS. RITA LUBETKIN  . . Corresponding Secretary

The activities of the Student Council reached an unprecedented high this year. The response to the campaign to sell Student Council Cards was overwhelming, as the benefits offered were very profitable and beneficial to the students: free copies of the TECHNICIAN, lower prices to basketball games, discounts on Student Council sales and in many local stores, and tickets at a reduction to some of the best shows in the metropolitan area. The proceeds of the sale permitted the expansion of athletic activities and the publications.

Designed to acquaint the incoming students with the facilities, activities, and practices at the college, a Freshman Handbook, was planned. Its issuance is expected in time to be distributed to the next freshman class.

A great change was made in the representation of the Student Council: the Evening Division of the college, organized by Nu Chi Epsilon, obtained voting power on the Council. It was felt that this representation would permit better coordination of student activities, both professional and social, and would allow night school students to benefit from life of N.C.E.
Throughout the year the Technician has championed many issues affecting the student body, such as wider facilities for the various activities and a period set aside for the many student programs. The publication was an important factor in the decision of the College to establish a school cafeteria.
TAU BETA PI

The Tau Beta Pi Association, national honor engineering society, recognizes men who have distinguished themselves in scholarship, character, integrity, breadth of interest, adaptability, and unselfish activity. Our chapter has done much to strengthen student-faculty relationships by sponsoring smokers for combined attendance and by expanding its faculty-rating program.

President, Fredrick L. Farley; Vice President, Jules A. Gruber; Corresponding Secretary, Edgar G. Nordfors; Recording Secretary, Arthur K. Young; Cataloguer and Assistant Treasurer, Austin W. Barry.

NU CHI EPSILON

Nu Chi Epsilon was organized in the spring of 1948 to give recognition to those men who had attained a high standard of leadership in collegiate activities, to inspire others to strive for achievements along similar lines and to bring together members of the student body, faculty and alumni on a basis of mutual understanding. In line with its ideals of fostering characters, leadership and service in campus life NXE has undertaken such programs as organization of the freshman class and providing a Student Host Service for the College. It is the hope of Nu Chi Epsilon to become affiliated with Omicron Delta Kappa, a national honorary leadership society, this spring.

President, Don Summers; Vice President, William Barry; Treasurer, Gordon Kempton; Secretary, Professor William Jaffe.
The purpose of the Professional Societies Council is the coordination of the activities of the professional societies of the College. The Council is composed of the presidents of the various societies and, therefore, has been able to effect a smooth and efficient running professional societies program this year. Guest speakers and the annual Professional Societies Smoker are the outstanding highlights of this Council.

American Chemical Society

The ACS has sponsored trips to such leading industrial plants as the Standard Oil, Kopper's Koke, and Merck. Interesting talks on manganese, atomic energy, and other up-to-date topics have been presented to the society by prominent men in the chemical industry. Plans have been made for a joint meeting with ACS student chapters of the various colleges in the metropolitan area, to be sponsored by the society at NCE. It is hoped that through the interchange of ideas arising from this meeting the student chapter may do more to instill professional attitudes and scholarship among those students majoring in chemical engineering.

President, Charles J. Hartmann; Vice President, Robert J. Delack; Secretary, Joseph W. Walter; Treasurer, John Colonais; Publicity, Ernest R. Politz; Faculty Adviser, Professor John A. Bishop.
In line with its policy of increasing its members' scope of the electrical engineering field, regular meetings, to which guest speakers are invited, as well as outside field trips are arranged by the Branch. The AIEE members, accompanied by numerous guests, visited the Public Service Kearny Generating Station, one of the many planned trips to the establishments in this area, connected with the electrical field. Further interest is provoked by encouraging student members to be guest speakers at the meetings. In addition to its regular meetings, it is hoped that joint meetings with student professional organizations can be held.

President, Herbert S. Evander; Vice President, Millard Lef; Secretary, Warren Geller; Treasurer, Gilbert A. Linn; Faculty Adviser, Mr. Charles R. Moore.

The student chapter of the ASCE holds one meeting a month at which guest speakers, who are leaders in their field, are invited to present interesting and informative talks. During the year several field trips and a picnic were held.

To further the interest in the parent society, chapter members attend the Annual Meeting of the American Society of Civil Engineers, which is held at the Hotel Commodore in New York City.

President, C. Ronald Bach; Vice President, Richard C. Bunten; Corresponding Secretary, Helmut F. Geiger; Recording Secretary, Mervil J. Seeley; Treasurer, Thomas A. Maguire; Chairman of Program Committee, Herbert Gieser, Faculty Adviser, Professor James M. Robbins.
INSTITUTE OF RADIO ENGINEERS

The Newark College of Engineering Student Branch of the Institute of Radio Engineers was formed during the spring semester of 1948. This organization was instituted by Raymond Gegenheimer of the Class of 1949 with the assistance and guidance of Professor Solomon Fishman and the Department of Electrical Engineering.

Student members are encouraged to prepare and present papers on some phase of communications or related fields. A program committee of the Branch arranges for the presentation of these papers and invites speakers, who are renowned in their fields, to address the group. Visits to manufacturing, sales and broadcasting companies are arranged by this committee.

Chairman, Raymond F. Gegenheimer; Vice Chairman, Richard T. Petruzzelli; Secretary, Bert Schwarzchild; Treasurer, Daniel C. Spitz; Faculty Adviser, Professor Solomon Fishman.

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

Monthly meetings at the college are addressed by engineers who have vast industrial experience, and who usually present interesting, informative, films with their talks. The A. S. M. E. this year held the first dinner meeting to be given at N. C. E. in the new college cafeteria. The speaker at this meeting was Capt. Lott of the U. S. A. F., who spoke on the subject of "Jet" planes.

One of the outstanding field trips of the year was to the Bethlehem Steel Plant at Bethlehem, Pennsylvania. This took the greater part of a day during the Thanksgiving Holidays.

Chairman, Fred L. Farley; Vice Chairman-Treasurer, William L. Lieberman; Secretary, Heinz Jaffe; Corresponding Secretary, George R. McClure; Faculty Adviser, Professor J. L. Polaner.
SOCIETY FOR THE ADVANCEMENT OF MANAGEMENT

One of the original SAM student chapters was formed at NCE; it was greatly honored by being instigated by Dr. Lillian M. Gilbreth and Prof. J. Ansel Brooks in 1936. The chapter was reactivated in 1946, after W. W. II under the guidance of Professor W. J. Jaffe.

This year SAM has coupled increased activity with increased membership. During the Christmas Recess members and guests visited the Westinghouse Steam Division in Philadelphia where they observed the manufacture of steam turbines and the testing of an experimental gas turbine. At a dinner meeting in the college cafeteria SAM members and guests were honored with a talk on Work Simplification by Mr. Clifton H. Cox, President of NNJ-SAM Chapter.

President, Vito DiPalo; Vice President, Arnold Singer; Secretary, John Kohke; Treasurer, Leonard Castelbaum; Faculty Adviser, W. J. Jaffe; NNJ-SAM Chapter Coordinator, O. J. Sizelove.

ASSOCIATION OF CHEMICAL ENGINEERING STUDENTS

The Association of the Chemical Engineering Students was instigated for the purpose of fulfilling one of the requirements necessary to renew the charter from the American Institute of Chemical Engineers. Plans for the acquisition of the charter from the AIChe have been made. It is possible that at the time of this printing the charter may have been granted.

Although the ACES is a relatively new club, it has an active schedule prepared for the coming year. Plant trips are sponsored in conjunction with the ACS, and men from the chemical engineering industries present lectures concerning their related fields.

President, H. T. Tuggle, Jr.; Vice President, Roger Zuccolillo; Recording Secretary, W. Steininger; Corresponding Secretary, E. R. Politz; Treasurer, George Williams; Faculty Adviser, Prof. George C. Keeffe.
INTERFRATERNITY COUNCIL

The Interfraternity Council, coordinating body of the seven fraternities on the campus, organized throughout the year athletic programs including bowling, basketball, and softball. A smoker was held for the incoming freshman classes in order to acquaint the new students with each other, with the fraternity men, and orient them on college life.

President, Arnold Singer; Secretary-Treasurer, Alfred Tohoada.

ALPHA SIGMA PHI
Alpha Rho Chapter

ALPHA SIGMA PHI has made great strides towards improving the internal conditions of the fraternity. This was accomplished through the efficient work of the house, social, rushing, and business relations committees. The annual fall dance was one of the most important social events of the year.

President, Robert Gordon; Vice President, Paul F. Reibel, Jr.; Secretary, Thomas J. Jennings; Treasurer, Anthony M. Stanley; Faculty Adviser, Mr. Charles H. Duursema.
DELTA SIGMA ZETA

With a social-minded approach "Delta Sig" has sponsored dances, picnics, and stag parties. A firm believer in interfraternity sports programs, it is active in all events.

President, John A. Staluppi; Vice President, Frank W. Artusio; Recording Secretary, Victor Cerelli; Corresponding Secretary, Frank Scalera; Treasurer, Anthony Strano.

PI KAPPA PHI

Great honors were bestowed this year on Beta Alpha Chapter in the matter of scholarship, as it was found that it ranked highest not only among the fraternities at the college, but also among all the other chapters of the fraternity throughout the nation. This achievement was a major factor in the appointment of N. C. E. to the famous "Honor and Fame Club" of the National Interfraternity Conference.

Archon, Alfred Taboada; Treasurer, Michael Bravette; Secretary, Frank Cozzarelli; Historian, Constantin A. Gorskoff; Chaplain, James Gomez; Faculty Adviser, Professor George C. Keeffe.
PHI BETA TAU

PHI BETA TAU has finally overcome the major problem which faces most fraternities at the college, namely finding suitable headquarters. The acquisition of a conveniently located house, provided work to keep the brothers active throughout the year. Besides this major project, the members engaged in interfraternity bowling, house and theater parties, and dances.

President, Leonard Castelbaum; Vice President, Arnold Singer; Secretary, Charles Wright, Jr.; Treasurer, Robert Block; Faculty Advisers, Professor Harold P. Wasson and Mr. Robert K. Haubner.

SIGMA PI

SIGMA PI has furthered the perpetuation of friendships made within the fraternity by its organizing a Sigma Pi Club of Northern New Jersey, where the alumni members can meet and participate in the chapter's activities. The highlights of the year's social functions are the Orchid Ball and the Founder's Day Banquet.

Sage, Frank Navratil; First Counselor, Theodore Tideman; Second Counselor, Howard Miller; Third Counselor, Robert Campbell; Assistant Third Counselor, Raymond Fogel; Fourth Counselor, George Barrett; Herald, James Nile.
TAU EPSILON PHI
Tau Psi Chapter

TAU EPSILON PHI engaged in a great variety of social, educational, and athletic activities. Most prominent were a theater party in New York, a New Year's Eve party, and a smoker held at the Hotel Sheraton. The fraternity's basketball team was the champion in the I.F.C. League, and its representatives on the table-tennis team are also among the first.

President, William Gerber; Vice President, Richard Presby; Secretary, Murray Sklar; Treasurer, Martin Wolsky; Faculty Adviser, Professor Michael Frederick.

TAU DELTA PHI
Tau Epsilon Chapter

The third year of the Tau Epsilon Chapter on the campus was crowned with success scholastically, where it ranked among the highest in the College and in the country. Among the social highlights of the year were the Spring Dance and the New Year's Eve party for the alumni.

President, Gerald Brodsky; Vice President, Adolph Attermann; Secretary, Herman Abrams; Treasurer, Leonard Hollander; Faculty Adviser, Mr. Herman A. Estrin.
GLEE CLUB

The past year won the Glee Club wide acclaim and recognition for its performance of Christmas carols throughout the college on the day before the winter vacation. The program of the club also included a concert on Visitors' Day and participation in the Sophomore Class smoker, where both club and quartet singing were offered.

Associate Presidents, Edgar G. Nordfors, Henry Stroke; Secretary, Adrian J. Visbeen; Director, Mr. Frederick P. Fernsler.

RADIO CLUB

With a membership of thirty students, the radio club has divided its activities into operating, construction, and teaching groups. The most interesting phase of these activities for most members is the operation of the club's station, W2JPK. In the past year many interesting contacts have been made with stations in some fifteen states, in Puerto Rico, and a ship in the Gulf of Mexico.

President, Otmar P. Schreiber; Secretary-Treasurer, Theodore E. Tajkowski; Station Trustee, James V. Del Guercio.
The Athletic Association plays an integral part in the students extra-curricular activities and is second in importance only to the Student Council. Not only organized by the students but supported by them through yearly subscriptions, the Athletic Association carries on the work of providing a complete program for the benefit of all the students.

The program of the Athletic Association includes club and intramural athletics and such varsity sports as basketball, fencing, baseball and yachting. Intramural basketball has embraced almost the entire student body. Varsity ping pong, which has been acknowledged during the past year by the Athletic Association, has grown tremendously in popular demand. Arrangements for matches with such schools as Upsala, Union Junior College, Rutgers University, and Bloomfield Seminary have been completed to inaugurate the new sport. Yachting has also gained much favor during the year, and it is one sport that is retained in full swing during the summer months.

It is hoped that successful seasons will be maintained by these sports and that those still in their infancy will grow to varsity proportions under the guidance of the Athletic Association.

OFFICERS

BERNARD LUBETKIN . . . . . . . President
WILLIAM SACKMAN . . . . . . Vice President
MARTIN CHASE . . . . . . . . Treasurer
SEYMOUR FLEISHER . . . . . . . Secretary

The Athletic Association plays an integral part in the students extra-curricular activities and is second in importance only to the Student Council. Not only organized by the students but supported by them through yearly subscriptions, the Athletic Association carries on the work of providing a complete program for the benefit of all the students.

The program of the Athletic Association includes club and intramural athletics and such varsity sports as basketball, fencing, baseball and yachting. Intramural basketball has embraced almost the entire student body. Varsity ping pong, which has been acknowledged during the past year by the Athletic Association, has grown tremendously in popular demand. Arrangements for matches with such schools as Upsala, Union Junior College, Rutgers University, and Bloomfield Seminary have been completed to inaugurate the new sport. Yachting has also gained much favor during the year, and it is one sport that is retained in full swing during the summer months.

It is hoped that successful seasons will be maintained by these sports and that those still in their infancy will grow to varsity proportions under the guidance of the Athletic Association.
"Mr. Basketball", better known as Coach-Professor Fred Bauder, has been tutoring the N. C. E. "Engineers" for over fifteen years. Coach Bauder has in the past produced powerful quintets on the N. C. E. court. The '48-'49 season had a bright outlook as six lettermen—"Zoom" Fleisher, Alan Dowd, Mike DePhillips, Bill Sackman (captain elect), Red Meyler, and Martin Chase—returned for full time duty. Fleisher was the team's high scorer during the previous campaign and is expected to carry the team's fortunes along with Mike DePhillips, transfer student from Syracuse University. The first game played against the N. C. E. Alumni was a terrific success, the "Engineers" completely mauling the graduates. If this is any indication of the strength of this year's team, the colleges schedule to play the N. C. E. five had better beware.
YACHTING

FENCING
NEWARK COLLEGE OF ENGINEERING

announces the

Graduate Division

Part or full time day, and part time evening courses leading to the degree of Master of Science in the engineering fields.

Evening courses are also offered in cooperation with Stevens Institute of Technology, carrying credit toward the M.S. degree at Stevens.

For Information, Applications and Bulletins, Apply

OFFICE OF THE GRADUATE DIVISION
NEWARK COLLEGE OF ENGINEERING

367 HIGH STREET  NEWARK 2, NEW JERSEY
The Newark College of Engineering
Alumni Association

EXTENDS SINCEREST
CONGRATULATIONS TO THE
MEMBERS OF THE
CLASS OF 1949

Twenty-Three Hundred Graduates
Of the Years Preceding Yours
Welcome You to Our Ranks

CHARLES M. BEYER, '25
President
COMPLIMENTS OF

Professional Societies Council

Student Branches of

American Chemical Society
American Institute of Electrical Engineers
American Society of Civil Engineers
American Society of Mechanical Engineers
Association of Chemical Engineering Students
Institute of Radio Engineers
Society for the Advancement of Management

at

Newark College of Engineering
Best Wishes
to the Class of '49

ALPHA SIGMA PHI

DELTA SIGMA ZETA

PHI BETA TAU

PI KAPPA PHI

SIGMA PI

TAU EPSILON PHI

TAU DELTA PHI
Dave's Luncheonette

NEXT TO N. C. E.

FINES OF FOODS

WE WISH TO EXTEND OUR SINCERE THANKS FOR YOUR KIND PATRONAGE AND WISH YOU THE BEST OF LUCK IN THE FUTURE.

SINCERELY,

ABE, MEYER AND MARIO
R - G - R CONSTRUCTION CORP.

Engineers and Contractors

Three Park Row
New York 7, N. Y.

NU CHI EPSILON

Honorary Leadership Society
at N. C. E.

GOULD & EBERHAROT

INCORPORATED
IRVINGTON 11, N. J.

PRODUCTS

METAL SHAPING MACHINES
SPUR AND HELICAL GEAR HOBBING MACHINES
WORM GEAR HOBBING MACHINES
CONE WORM GEAR HOBBING MACHINES
GEAR AND RACK CUTTING MACHINES
SPECIAL MACHINERY

THE ARGYLE PRINTING
COMPANY.

108 Stevens Place
North Arlington, N. J.

WHITEY'S
RITEWAY CLEANER

Tailoring A Specialty

382 High Street
Cor. Warren Street
Newark, N. J.
the modern concept
in READABILITY...
in SHIELDING!

Designed... and styled... to bring you Weston's concept of the finest general purpose portables ever produced! These instruments are offered with full assurance that their dependability will reflect credit upon the name they bear. Write for Circular A-22-A. Weston Electrical Instrument Corp., 617 Frelighuysen Ave., Newark 5, N. J.

WESTON INSTRUMENTS
COMPLIMENTS OF

A. A. Signorelli
Class of 1936

NEW JERSEY GAMMA
TAU BETA PI

Phone Market 3-4313  Established 1906

ROTHROCK TAILORS, INC.
New Jersey's Finest Formal Wear
Rental Department
Special Discounts to NCE Students

53 Academy Street  Newark, N. J.

Phone Market 3-9771

For The Best Sandwiches
See Doc.

CENTRAL SUSSEX PHARMACY
I. HENIG, Prop.

1 Sussex Avenue  Newark, N. J.
Albert F. Ruehl Co.

PLUMBING STEAM and GAS FITTING

Plumbing and Heating Appraisals — Automatic Fire Protection Systems

60 KENMORE AVENUE, NEWARK 6, N. J.

ARTHUR E. BLUMENSCHINE, '43  ELMER F. MULLER
Engineer  Engineer

Gas Ranges - Space Heaters - Steam Heaters - Refrigerators
Unit Heaters - Hot Water Heaters

Loren Murchinson and Co.

JEWELERS and STATIONERS

40 CLINTON STREET, NEWARK, N. J.

Official Jewelers for the
Class of 1949

Represented by John Kilborne
It takes years of plugging to achieve a diploma... just $1.00 to possess a savings pass book. Your diploma and a growing bank account are the keys to more gracious living.

With both you can open the door to a happy and successful future.

The

HOWARD SAVINGS INSTITUTION
Chartered 1857

764-768 BROAD STREET • NEWARK 1, NEW JERSEY

Bloomfield Avenue Branch
BLOOMFIELD AND CLIFTON AVES. (Zone 4)

Springfield Avenue Branch
SPRINGFIELD AVE. AND BERGEN ST. (Zone 3)

The Largest Savings Bank in New Jersey — Assets over $160,000,000.00

MEMBER FEDERAL DEPOSIT INSURANCE CORPORATION
Call and Delivery Service
Ten Mile Radius

Rugs
CLEANED
REPAIRED
STORED

Furs
CLEANED
GLAZED
REPAIRED
STORED

Phone SUMmit 6-3100, 6-3101

CHATHAM ROAD
SUMMIT, N. J.

COMPLIMENTS

OF THE

MOSQUE THEATER

TUFFY'S

MORBACH LUMBER
& SUPPLY COMPANY

Lumber - Millwork — Building Supplies

373-375 North Fifth Street
(Near Park Ave.)
Newark 7, N. J.

1020 BROAD STREET
NEWARK, N. J.

“★”
HANK REID

60 PARK PLACE, NEWARK, N. J.
Mitchell 2-0700

ALL FORMS OF INSURANCE
AND SURETY BONDS

With today's high living costs, it's more important than ever for you to have an insurance program that fits your up-to-date needs. Why not talk over your insurance needs with Hank Reid.

H. A. GREENE CO.
SPORTING GOODS
Outfitters N. C. E. Athletic Teams

30 Halsey Street
Newark 2, N. J.

Best Wishes
From

ELKAY SERVICE CO.
Operators of Ice Cream
and
Cookie Vending Machines
 Cooperation . . . 

between the Printer and the Yearbook Staff is the spirit that
makes possible the production of annuals of high standards.

Cooperation . . . on the part of the Nucleus Staff
has been paramount . . . to you, we extend our sincere thanks
and appreciation.

Cooperation . . . on our part in producing the Nucleus
has been foremost in our minds . . . it is our profound hope
that our efforts to serve . . . and serve well . . . will merit for
us continued association with the future Nucleus Staffs
of Newark College of Engineering.

NEW CITY PRINTING CO.
802-806 SIP STREET
UNION CITY, NEW JERSEY
UNION 7-2400
Autographs
Autographs