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NEWARK
1940

nucleus

EDWARD WESTON
1850 - 1936
INVENTOR
SCIENTIST
STUDENT


HE IS THE ADVISOR OF THE STUDENTS AND THE COUNSELOR OF THE YOUNG MEN DURING HIS LONG AND USEFUL LIFE.

ESTABLISHED BY THE SCHOLARSHIP COMMITTEE.
NEW YORK CITY, MAY 20, 1940.

COLLEGE OF ENGINEERING
FOREWORD

IT IS THE HOPE OF THE NUCLEUS STAFF THAT, IN THIS SHORT VOLUME, WE HAVE CAPTURED THE EVENTS OF OUR UNDERGRADUATE DAYS IN THEIR TRUE GLORY.
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NUCLEUS

1940
PROFESSOR JAMES H. FITHIAN
TO PROFESSOR JAMES H. FITHIAN, who has devoted himself with an inspired leadership to the Class of 1940, we respectfully dedicate this archive of our achievement.
History of Newark College of Engineering

Along with the rapid development of the City of Newark in the late nineteenth century, the necessity for an institution devoted to the training of men for industry was realized and appreciated.

The first step toward such a vocational school was undertaken by the New Jersey State Legislature in 1875, and finally, in 1881, the State approved appropriations to any city instituting a technical school. The funds advanced by the State were to equal those supplied by the City.

The task of raising half of the $10,000 estimated necessary to start the school was undertaken by a committee in Newark; foremost in this activity was the late Doctor Edward Weston. After three years, subscription and appropriations were raised, and a board of trustees was appointed.

When these arrangements had been completed, the work of organizing the school itself was undertaken. The original site of the Newark Technical School was at 21 West Park Street in a building purchased from the Essex Art Association. The premises were altered to suit the new institution, and in December of 1884 Professor Charles A. Colton of Fulton, New York, was made Director. With an enrollment of 100 men the first classes were held on the evening of February 10, 1885, the courses being in the fundamentals of mechanics and manufacturing.

The underlying principle in Dr. Colton's administration was to develop a flexibility in technical training which could be adjusted to changing economic conditions. In this respect has each succeeding administration given particular consideration, and now the graduates of the school have the reputation of being in close contact with the most recent developments in modern technology.

In 1896 the present administration building was erected to take care of the ever-increasing enrollment and to keep in touch with the more modern trends. Along with the greater enrollment came the necessity for improvements and modifications in the various courses, and in 1911 the present laboratory building was erected—an addition of immeasurable benefit to the institution. Day courses were discussed as of especial worth among many leaders in industry at that time, and Doctor Colton instituted some. However, war conditions interfering, the idea was dropped until 1919.

In January of 1919 the right to confer degrees for a four-year engineering course in the day school was granted to Doctor Hodgdon, the newly-appointed Director. Incorporated in the Junior and Senior years of the courses
was the cooperative employment system, in which the student engineer alternately divides his time between school and industry. This system had many advantages in that the practical problems of technical work were encountered during the college training. However, such a system requires either too concentrated a course or curtailment of the ground covered in the courses. Hence, the cooperative system was eliminated in the Junior schedule in 1931, but was retained in the Senior year. With the large enrollment of over 800 in the college in the past few years, there has been considerable difficulty in placing the students in industrial concerns; therefore, this class of 1940 is the last to receive cooperative work in the Senior year. Hereafter, the men of higher rank in the classes will be members of what is known as the Honors Option Group, and they will work in the summers preceeding their Junior and Senior years.

When Doctor Hodgdon left the College in 1920, Allan R. Cullimore was named Director. Under Director Cullimore’s administration the growth of the institution continued, necessitating the erection in 1925 of the academic building, known as Campbell Hall. Then, in 1927 a course in Civil Engineering was added to the curriculum, which already included Chemical, Electrical, and Mechanical Engineering, and in the same year twilight classes were organized. Under this system graduates of the Newark Technical School may receive Bachelor of Science degrees in their courses by completing in three years the work covered in the Junior and Senior years of the college.

Along with the advancements in curricula, there became evident a rapid growth of interest in extra-curricular activities. The student chapters of the professional societies, the A.S.M.E., A.I.Ch.E., A.S.C.E., A.I.E.E., and the S.A.M., have been founded in the past few years. Then, too, fraternities have influenced much of the progress of the College from a social standpoint; on the campus are the Alpha Chapter of Alpha Kappa Pi, Alpha Mu Chapter of Sigma Pi, Beta Chapter of Phi Sigma Omega, Kappa Chapter of Phi Delta Mu, and Delta Sigma Zeta. Although the student engineer has little time for outside activities, several varsity athletic teams engage in intercollegiate competition, foremost among which are those in track, fencing, tennis, and basketball.

The purpose of this brief review of the history of Newark College of Engineering is merely to impress in the minds of the readers the brilliant success of this young institution brought about by the close coupling of interests of its administration, students, and the industries of Newark and surrounding cities.
CLASS HISTORY

In September of 1936 some two hundred and twenty-five youths entered upon what was hoped to be preparation for a brilliant career in the engineering profession. Unfortunately, however, the necessary period of adjustment from the more or less tolerant attitude of high or prep school to the surprisingly new and manly atmosphere of college brought about a loss of not a few faces even before the first semester had ended. Then the situation developed into a "do or die" scholastic siege, with little slackening of enthusiasm. In order to get started on the right foot and properly to introduce the class to its surroundings, the then overbearing sophomores were severely beaten by a 20 to 0 victory in the traditional Frosh-Soph football classic. Having established a higher regard for themselves, the men of '40 emerged from the examination periods of the first year a trifle dazed, perhaps, but happy at the thought of being able to continue.

At the beginning of the sophomore year still more men were missing. The more specialized training in the various departments was undertaken. The lowly Frosh were held to a six-point tie in another gridiron struggle that year. Then the work became more concentrated; in spite of this, however, the traditional Soph Hop was run at the Rock Spring Club amid the inclemencies of December, and a smoker later in the season also proved to be a popular function.

After having surmounted the ever-depressing exams and having enjoyed a more or less restful summer, the class assumed the roles of upper-classmen. Gone were the thoughts of frivolous hazing, and a more professional atmosphere prevailed. Plans were well laid for the promenade, sponsored by the Junior Class each year, and for their work the committee was indeed rewarded. The affair, held at the Crestmont Country Club in February, was very well attended and proved to be one of the popular social events of the school year.

The change that overcame the men of '40 in their senior year was more than remarkable. Cloaked in an air of dignity, the class met and overcame many of the different problems of industrial work under the cooperative employment system. The seniors led the social program with the Full Dance at the Yountakah Country Club in October, and climaxed the season with the impressive Senior Ball at the Knoll in April. Not having final exams, the men concentrated on comprehensive term papers and more detailed designs until the final spurt toward graduation,—the commencement of real work, the beginning of life careers for some and of graduate study for others. It is with a feeling of dismay and anxiety that this review is made,—dismay at the rapid manner in which the four years passed, and anxiety for continued success in the future.
MESSAGE TO THE CLASS OF 1940

THERE has been so much said, and so much is currently being said, about the difficulties of youth in this confused and changing world, that it might not be perhaps amiss to give the facts as they touch the Class of 1940 of the Newark College of Engineering as its members go out into the world.

What I say is not a matter of opinion, but is altogether a matter of fact and a matter of record, and that is, in the main, that there is no considerable trouble experienced by our graduates in locating a position. This does not mean of course that every man gets just what he wants just at the minute when he wants it, paying a salary which meets his fondest hopes, but it does mean that there is open for every man in the class an opportunity to start his professional life under circumstances which are favorable to its development.

There are many reasons why graduates of engineering colleges are in a better position in the present situation than graduates of some other institutions, but it is a condition which depends on many factors, one of the most important of which is that the technical and engineering profession has spread out and developed to such an extent that it touches many fields, in fact, sometimes we think almost every field of human endeavor; there is, therefore, a steadily increasing need for trained men in this particular field. It might be helpful, in this connection, to state that the most important single characteristic which we find required of a young engineer or technical graduate is that of flexibility—cooperation, the possibility of working together with other people. A great deal of our technical and industrial work has to do with organizational work and, as time goes on, less and less of it takes the form of solitary individual effort.

If our young men are to develop and reach the place in the scheme of things which they covet, it is necessary that they learn the give and take of organizational work. When we fail to place an individual in a proper position, in a vast majority of cases the real underlying reason is that the personnel man is afraid that the young engineer will not be able to integrate himself with the organization and work shoulder to shoulder in a cooperative way with other people. You in the Newark College of Engineering have had some considerable experience in this line and you have heard much about it. It is my hope and wish that your dreams, no matter how rosy they are, may be realized, but that can only be done by an appreciation and a respect for the rights and privileges, not only of the other fellow, but of the organization which you serve or represent.

ALLAN R. CULLIMORE
February 29, 1940.
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Robert H. Badgley
Electrical Bell Telephone Laboratory
A. I. E. E.; Trunnion.
Bob, besides studying at Newark College of Engineering, has had the opportunity of studying at the Bell Laboratories. He is still employed at the Bell Laboratory as a member of the Technical Staff. Bob’s outside interests include swimming, golfing, bowling, and basketball, although his primary interest at present is an eighteen-month-old son.

Bernard L. Baker
Mechanical Worthington Pump Machinery Corp.
A. S. M. E. 2, 3, 4; S. A. M. 4; Student Council 1; Class Vice-President 1; Chairman Senior Fall Dance Committee 4; Visitors’ Day 1, 2; Trunnion 3, 4.
‘Bernie’ is a son of Weequahic High, where he prepared for N.C.E. He has a great capacity for work, and he performs each job to the best of his ability. He has been one of our best students, and we know that the future will be a busy and profit-able one for him.

Edward D. Bastian
Civil Crucible Steel Co.
A. S. C. E. 2, 3, President 4.
Here is a typical civil. He is never without a pipe, and he will readily offer a chew of his plug to any man. Ed spent the summer following his Junior year at M.I.T.’s ‘Camp Technology’, where he learned all the secrets of geodetic surveying. He looks forward to a future in construction work.
Walter Batiuk
Chemical
Clark Thread Co.
A. I. Ch. E. 2, 3, 4; S. A. M. 4.

Walt, like the rest of us, will admit that he has had a busy four years. He feels that four years in the chem lab was a good experience, and now he is ready to step into the wide chemical field. We can’t tell Walt just how to look for a job or which ones are worth while, since we haven’t had enough experience. Perhaps the Industrial Relations Department can supply him with such information.

Alfred Robert Bauch
Mechanical
National Grain Yeast Corp.
A. S. M. E. 3, 4; Ping Pong Club 3.

Al is the driver of an unofficial school bus that has a daily run from Passaic. We all know Al’s Pontiac when it comes roaring to school with its gay load of students. Among the mechanicals, Al is known for his quiet manner and happy disposition, two qualities that will always aid him in the business world.

Alfonse Belesky
Chemical
H. L. Walker Co.
A. I. Ch. E. 2, 3, 4; S. A. M. 3, 4.

Al is a quiet fellow with pleasant ways. His cheery smile and modest disposition will be valuable assets later in life. Al has a keen interest in management, and his qualities assure him of success in the field.
Michael Douglas Benedict, Jr.

Electrical Industrial Timer Corp.
Alpha Kappa Pi 1, 2, Historian 3, Chaplain 4; A. I. E. E. 3, 4; Student Council 4; Technician 3; Literary Editor ‘Nucleus’ 4; Visitors’ Day 2, 3, 4; Interfraternity Council 3; Soph Hop Committee 2; Junior Prom Committee 3; Senior Fall Dance Committee 4; Varsity Cheerleader 3; Intramural Numerals; Visitors’ Day Chairman 4.

When it comes to good taste and appearance, Doug never does the wrong thing. His neat, quiet, dignified manner has earned the respect of his classmates. His fraternity brothers will miss “Oxford” at their regular functions. Doug’s thoroughness and likable personality will assure success for him in the engineering field.

John Richard Bermingham, Jr.

Mechanical Industrial Timer Corp.
Alpha Kappa Pi 2, 3, 4; A. S. M. E. Secretary 2; Vice-President 3, President 4; S. A. M. Secretary-Treasurer 3, President 4; Student Council 4; Chairman Soph Hop Committee 2; Senior Fall Dance Committee 4; C. A. A. Flying Course; Senior Ball 4; Visitors’ Day 3, 4.

Red is one of our more socially-minded engineers, because his appearances at dances, smokers, and other social affairs have almost become a tradition. Jack has serious ambitions to get into the aeronautics field, and with the C. A. A. course he’s taking, he’s got a flying start.

Frederick Miller Bertsch

Chemical Baker Castor Oil Co.
A. I. Ch. E. 2, 3, 4; Glee Club 2, 3; Intramural Baseball.

Fred has studied conscientiously for four years and has won many friends because of his agreeable personality.

He has not as yet determined just what his future will be, but he hopes that chemical engineering will continue to hold his interest.
Donald Edgar Bolton

Electrical National Electric Co.

Alpha Kappa Pi 2, 3; Treasurer 4; A. I. E. E. 4; Student Council 3; Class Treasurer 4; Varsity Basketball 2, 3, 4; Intramural Letter and Numeral 3; Treasurer A. A. 3; Sports Editor 'Nucleus' 4; Trunnion 4.

Don has been a very busy man for four years. Fraternal, athletic, social, and school activities have kept him occupied, and he has handled all his jobs well. The Trunnion Society selected him as a member, which is an indication of his scholastic aptitude. Don plans to get into the electrical supply business when he graduates, and we know his future will be successful.

Angelo J. Boscia

Chemical Boscia Contracting Co.
A. I. Ch. E.

In every group one individual is conspicuous by his ability to remain shyly in the background. However, when one penetrates his cloak of shyness, one finds a sincere, friendly fellow. He attacks and solves problems with cool concentration, while myriads of blue clouds rise from his sweet-smelling briar. Who is this fellow, you ask? Ang. Boscia, of course, our gift to the building trades.

G. Alan Bowne

Chemical Roxalin Flexible Lacquer Co., Inc.
A. I. Ch. E. 4.

Al is a quiet fellow who says very little. Despite this he manages to accomplish a great deal. He has a keen interest in sports and is especially adroit at the indoor type during the winter.
George Leonard Breur  
Mechanical National Grain Yeast Co.  
A. S. M. E. 2, 3, Chairman 4; S. A. M. 4; Student Council 4.  

George has been an active society member for three years and as a reward for his efforts served as chairman of the A. S. M. E. during the fall term of his Senior year. Besides his studies and professional society work, George has found time to do some excellent amateur photography. His ability to speak and willingness to learn assure him of success.

Joseph Buonincontri  
Electrical Westinghouse E. & M. Co.  
A. I. E. E.; 'Nucleus' Staff.  

Joe has been the quietest fellow in the entire class. However, he has been conducting electrical researches at home for years, in addition to his school work. His leisure time, during summer vacations, has been spent in the country, where he has become a fisherman and nature lover. His profound interest in electrical engineering undoubtedly will bring him certain success in that field.

John P. Burich  
Electrical N. C. E.  
A. I. E. E. 2, 3, President 4; Visitors' Day 2, 3, 4.  

Johnny, as he is more familiarly known to us around the school, is the rather quiet and modest chap you will almost invariably find in the midst of a group of the electricals, whenever they hold a "bull session" in some corner of the "elec. lab." His pleasant personality and ever-winning manner seem to radiate wherever he goes, and those qualities will go far towards earning him success in the future.
Paul Peter Carlino
Civil Crucible Steel Co.
Delta Sigma Zeta 2, 3, Vice-President 4; A. S. C. E. 2, Recording Secretary 3, 4.

This boy can get more work from an engine than any mechanical. Tell the boys about your trip to Maine, Paul. Like all civils, he has been kept intensely busy with his studies. As Secretary of the A.S.C.E. in his Junior year, he played a great part in aiding the student chapter to obtain its third honorary citation from the American Society of Civil Engineers.

Anthony Joseph Carracino
Chemical Irvington Varnish & Insulator Co.
Delta Sigma Zeta 2, 3, 4; A. I. Ch. E; S. A. M. 4; Senior Ball 4.

Confucious say "that one who has an interest in his work will surely succeed." For this reason, we predict a great future for Tony. He has ranked at the top in his chemical studies and has won many friends during his college career.

Joseph N. Carracino
Chemical Newark Paraffin and Parchment Paper Co.
A. I. Ch. E. 4.

If you want a theoretical problem solved in mathematics, physics, or chemistry, see Joe. But do not get the idea that he is a bookworm; Joe can swim like a fish. He has camped outdoors so often that he cannot get used to sleeping in a regular bed. All in all, he is a jolly good fellow.
Leon Carver
Mechanical
Motor Improvements Corp.
A. S. M. E. 2, 4.

N. Y. U. entertained Leo for one year, after which he joined our ranks. He has the ability to study only when necessary and to attend the minimum number of classes in order to pass. Nevertheless, he is quite a student when he actually gets down to work, and he has the ability and capacity to handle responsible tasks.

Henry Cataldo
Civil
Crucible Steel Co.
A. S. C. E. 2, 3, 4; Intramural Baseball 2, 3; Intramural Basketball 1; Visitors’ Day 1, 2, 3.

Hank is generally in a placid, pensive mood, and he appears to be very quiet. But the civils know that he is the loudest and best singer whenever the occasion for singing arises. Hank likes serious music, and he entertains the boys with his tunes in Design classes. Besides being a top man in all his studies, he is quite a golfer.

Anthony Ralph Ciuffreda
Chemical
Metal & Thermit Corp.
A. I. Ch. E. 2, 3, 4; Glee Club.

Tony belongs to the C. R. R. commuter’s club. Spending a great deal of time traveling on the trains doesn’t leave too much time for study. Nevertheless, Tony has done better than all right in his studies. He is a hard worker and is well-liked by all who know him.
Robert Emmet Coleman
Electrical Edison Battery Co.
A. I. E. E. 2, 3, Treasurer 4; Ring Committee Chairman 4; Junior Smoker Committee Chairman 3; Trunnion 3, Assistant Engineer 4; Senior Ball 4.

Bob is one of the more scholarly electricals, and an all-around good fellow. He has an outstanding sense of humor and personality which inevitably wins whomever he is working with. These two qualifications alone should win him many friends and success in the future. His interests favor electronics, and you can usually find him playing around with amplifiers in the lab during his spare time.

Fred M. Conran
Mechanical Conran Machinery Co.
Alpha Kappa Pi 3, Assistant Treasurer 4; A. S. M. E. 4; Visitors' Day 1, 2, 3; Cap and Gown Committee 4.

Fred is one of our beloved imitators. His favorite activity is the quaint characterization of a few of the faculty members; just ask any of his fraternity brothers. In his spare time his interests lean towards all sports, especially football, baseball, and track. He's an all-round good fellow with a likable personality, which will be a very valuable asset to him.

Ernest J. Csaszar
Mechanical Universal Plastics Corp.
A. S. M. E. Treasurer 2, 3, 4; Soph Smoker 2; Chairman Junior Smoker 3; Soph Hop Committee 2; Junior Prom Committee 3; Senior Fall Dance 4.

Csaszar has the reputation in his section of doing the minimum amount of work and getting good grades. He can attribute this fact to the cooperative aid of his fellowmen. He has been very active in social activities during the past three years, and that may explain his not having time to do homework.
Joseph F. Daley
Chemical National Grain Yeast Corp.
A. I. Ch. E. 2, 3, 4; S. A. M. Vice-President 4; Class Secretary 2, 3, 4; Intramural Basketball 2; Varsity Track 1; Intramural Tennis 3; Wrestling 1; Glee Club 1, 2; Trunnion 3, 4; Cap and Gown Committee 4.

Joe is very popular among his fellow-chemicals. The Class elected him Secretary for three consecutive years. He had been very active in school while an underclassman and was elected to the Society of the Trunnion in the Junior year. Joe likes sports, which help keep him busy when he isn't studying phys chem. He is an ardent follower of Bill Rinck's pantomimic society.

Robert Dawes
Mechanical Westinghouse Electric
A. S. M. E. 3, 4; J. V. Basketball 2, 3.

Bob is one farmer boy who has made good in the big city. He will be sorely missed by the junior varsity basketball team. Bob's ambition is to become president of the Westinghouse Electric Company. Keep at it, Bob. We feel sure that you will be successful.

Harry De Furia
Mechanical Smith & Light
Delta Sigma Zeta 3, 4; A. S. M. E. 3, 4; C. A. A. Course 4.

Another aviator in our ranks is Harry DeFuria, who succeeded in making the list of eligibles in the C. A. A. flying course. He is a high flyer whether he tells stories or rides a plane. He smokes more cigars than any other mechanical. It may be that his co-op job makes him a capitalist.
Russell Lorraine Dobrin
Mechanical Lea Fabrics, Inc.
A. S. M. E. 2, 4; S. A. M. 4; Glee Club 4; C. A. A. Flying Course 4.

We bid farewell to another mechanical. Russ is quite a musician, and his musical ability has helped him work his way through school. He enjoyed the senior year, for he had the opportunity to take the Civil Aeronautics Flying Course. We hope you won't ever have to fly a "crate" over Europe, Russ.

Wilfred Driesen
Chemical DuPont
A. I. Ch. E.; Fencing; Basketball.

Will is quiet and unassuming; he has a ready wit and genuine friendliness behind his shyness. His unassuming manner cloaks his natural ability to cope with almost any problem presented him. Will says little but does much. His is a philosophy of action rather than of words. He will be remembered by us as one whom we could all call a friend.

Edward B. Dumont
Mechanical Thomas Henschall, Inc.

One of the taller members of our class, Ed seems to be a fairly quiet chap until you get to know him well. He is a great one to stick by his friends, and his sincerity and true friendship will probably contribute greatly toward his future success in life.
Richard Paul Ebersbach
Chemical Black Diamond Lines
Sigma Pi 2, Secretary 3, 4; A. I. Ch. E. 2, 3, Treasurer 4; J. V. Wrestling 3; C. A. A. Flying Course 4.

Dick is well liked by all his classmates because of his pleasant mannerisms. He is keenly interested in aviation and is now a member of the C. A. A. course. In his spare time Dick finds time to engage in sports and is a member of the wrestling team.

Ira Daniel Edelman
Civil Crucible Steel Co.
A. S. C. E. 2, 3, 4.

'Bud' is an ambidexterous civil. When he broke his thumb on his right hand during the junior year, he merely shifted his pencil to his left hand and kept on working, and he turned in a swell map. Ira spent a summer at 'Camp Technology'. Not only did he try to learn to swim and dance, but he also tried to learn some limnology.

Henry Gandy Elwell, Jr.
Electrical Weston Electric Instrument Corp.
Sigma Pi 2, 3, Treasurer 4; A. I. E. E. 3, 4; Radio Club 2; S. A. M. 4.

'Deacon' is well known among his cousins for his enthusiasm as an amateur radio fan. His dreamy reveries are often the result of observing some new receiving sets in a wholesale radio catalog. 'Deke', despite his appearance, is an excellent football linesman and has been outstanding in the intra-fraternity league for the past two seasons. His doggedness and spirit will aid him in later years.
Robert Joseph Enrico
Chemical National Groin Yeast Corp.
Delta Sigma Zeta 2, 3, Corresponding Secretary 4; A. I. Ch. E. 2, 3, 4; Glee Club 2, 3.
Bob is one of the seniors who spends most of his time commuting. His quiet manner and likable smile have made him popular with all his classmates.

Albert L. Eppler
Mechanical Clark Thread Co.
Al is one of our quiet students who stands well at the top of his class academically. His presence is always helpful when the burden is heavy. Since he possesses an even disposition and will always consider the other fellow's point of view, he is truly a friend worth having.

Gilbert Frederick Fehn
Civil Crucible Steel Co.
Alpha Kappa Pi 1, 2, 3, Secretary 4; A. S. C. E. Treasurer 2, 3, 4; Student Council 2, 3; Varsity Basketball 1, 2, 3, Captain 4; Varsity Tennis 1, 2, 3, Captain 4.
Here is a tiny lad—only six feet, five inches tall! Gil jumped center for the red and white for four years and captained the team during the past year. He also helped to bring victories to the tennis team for four years. Gil is undecided whether to work in South America or to stay in the U.S.A. Such is the life of a civil!
George S. Felber
Mechanical
A. S. M. E. 2, 3, 4; S. A. M. 4; Radio Club 1, 2; President 3, 4; Rho Epsilon 4; Visitors' Day; Trun- nion 3, 4.

George, although a recent member of the Class of 1940, has fast become a favorite with the senior mechanicals. Although a mechanical, he is keenly interested in amateur radio and is a charter member of Rho Epsilon, the amateur radio technical fraternity.

Leo Llanes Fernandez
Electrical
American Institute of Engineers; S. A. M.; Newark Tech. Fraternity.

Well here, for a change, we have a Southerner. Leo started his education in Tampa, Florida, and completed it in this vicinity. Although he is studying electrical engineering, Leo works as a pharmacology technician at the Merck Institute for Therapeutic Research in Rahway.

Frank A. Filippone
Civil
Delta Sigma Zeta 2, 3, 4, Corresponding Secretary 3, President 4; A. S. C. E. 2, 3, 4; Student Council 4.

Frank is a very popular man among his classmates. His studies and fraternity have kept him very busy, but he found time to supply us with class rings and has spared no effort to obtain the best. He studied at 'Camp Technology' and hopes to enter the construction field in the future.
James H. Floyd
Electrical Westinghouse Electric & Manufacturing Co
Sigma Pi 2, 3, 4; A. I. E. E. 4; Technician 3.

Jim, like every electrical, is always busy. His four years at school have made him a man of great theoretical knowledge with practical ability.
His pet avocations include photography and radio, in which he excels.
We know his future will be a success, and we bid him adieu wishing him the best of luck.

Harry James Forristel
Mechanical International Motor Co.
Alpha Kappa Pi 2, 3, 4; A. S. M. E. 2, 4; S. A. M. 4; Varsity Tennis 2, 3, 4; Ping Pong Club 3, 4.

Harry went through N. C. E. the leisurely way—taking the five-year plan, but he will tell you that he has been kept pretty busy, nevertheless.
He is fond of tennis and has been on our varsity team the past three years. When tennis becomes too tiring, he switches over to ping pong.

George William Frey
Mechanical United States Rubber Co.
‘Nucleus’ Staff; Newark Tech. Fraternity.

George is always late but never left behind. He is brilliant, silent, and friendly. His friendliness extends to a genuine willingness to help his fellow classmates. He is interested in other people and manifests this interest by his friendliness towards others. We will all remember him for his cheerfulness. We sometimes wish that George would let us in on those jokes which keep him continually smiling. Good luck, George.
Harry Furtas
Mechanical  H. V. Smidth Co.

Harry has been so busy with his studies that he has hardly had time to sit down and really look at the school. His main interest at the time has been in getting his B.S. as fast as possible. We suspect that there is a strong outside interest in his case.

Paul Gallob
Chemical  Oxweld Acetylene Corp.
A. I. Ch. E.; Senior Fall Dance Committee.

Paul is the most mature and experienced man in the class. He always sees a practical side to every problem. A more tolerant and friendly person is yet to be found. His main interest is his job. Paul is the type that will succeed in any endeavor he may choose, and some day we shall proudly say, "We knew him when . . . ."

Sooren E. Gamarekian
Mechanical  Merrick Scale Mfg. Co.
A. S. M. E. 3, 4; Visitors' Day 1, 2, 3, 4; Wrestling 1, Manager 2.

'Gam' has been a great help to many of the mechanicals because of his ability to do the homework assigned. For four years, his scholastic ranking has been very creditable. He is both a ground man and an airman. He wrestles for exercise and flies a crate in the C.A.A. flying course for relaxation.
Augustine Francis Ginder
Chemical Tenney Engineering Corp.
A. I. Ch. E. 2, 3, 4.

Gus is noted for his quiet, pleasant personality. He is a loyal friend and an ambitious student. What other qualities make a successful man? If there are any more, we know that Ginder has them.

Edward Walter Golda
Chemical Phelps Dodge Copper Products Corp.
A. I. Ch. E; Newark Tech. Fraternity; 'Nucleus' Staff Assistant Circulation Manager.

Here is a man who is dominated by an insatiable curiosity. He is never satisfied with anything superficial. An almost instinctive desire to unearth the facts has rewarded him with an enviable scholastic record. In spite of his matter-of-fact attitude, he has managed to retain and develop the ability to get along with people. The best of fellows, he can always be counted on to do and say the right thing at the right time.

Robert S. Gormley
Electrical N. C. E.

Bob is one of the quieter electricals. He's got a grand sense of humor, which has made him popular with his classmates. His favorite recreational activity is digging up money for his "little" La Salle. In his spare time his interests lean toward electronics, which is the field he will probably seek to enter upon leaving N. C. E.
James Patrick Grady

Mechanical  
Public Service Gas Co.

A. S. M. E.; Associate Editor 'Fratech'; Newark Tech. Fraternity, Financial Secretary.

Jim is well known to every member of the class. His courteous and soft spoken manner has won him countless numbers of friends even outside of the class. A man of mature judgment, his counsel has always been sought on matters of importance. Despite his usual seriousness, Jim has often displayed a sense of humor which has made his presence indispensable at social functions and other college gatherings.

Herbert Roy Gross

Electrical  
Edison Battery Co.

Phi Delta Mu 1, 2, Treasurer 3, Vice-President 4; A. I. E. E. 3, 4; Student Council 4; Chess Club 3; Radio Club 1; Technician 1, 2, 3, 4, Business Manager; Advertising Manager 'Nucleus' 4; Intramural Football 2; Visitors' Day.

Herb Gross is one of our very active men who handles all tasks well and enjoys doing them. While participating in many extra-curricular activities, he still found time for photography and radio, which constitute his hobbies. Besides, he has managed to excel in his studies.

Harold Gushin

Chemical  
General Aniline Corp.

N. T. S. F.; A. I. Ch. E.; Nucleus Staff.

Confucius says, "Smart man who works hard gets what he goes after." If this is true, Gush certainly will go far. His ability is substantiated by his fine record, and he is industrious to an extreme. If only he would not write those seventy-page lab reports that make the rest of us look so bad, everything would be fine.
Raymond Francis Hall

Civil  Crucible Steel Co.
Alpha Kappa Pi 2, 3, 4; A. S. C. E. 2, Treasurer 3, Vice-President 4; Technician 2; Varsity Basketball 1, 2, 3, Captain 4; Intramural Letter and Numerals 2; A. A. Secretary 2, Vice-President 3, President 4; Visitors’ Day 1, 2, 3, 4; Cap and Gown Committee 4.

We knew that Roy would be a star when he first came out for basketball in his freshman year. He has lived up to those expectations and captains our team this year. Off the court, he is active in many other organizations. As President of the A.A., he has done much to get N.C.E. into the Northern Jersey Basketball Conference.

William Harold Hassall, Jr.

Chemical  Phoenix Brass Fittings Corp.
Sigma Pi 3, 4; A. I. Ch. E. 2, 3, 4; S. A. M. 4; Rifle Club 3, Vice-President; Varsity Cheerleader 3, 4.

Bill has had great fun throughout the four years annoying us with his bearded jokes accompanied by gestures. All fooling aside, though, he is well liked by all of us and has his serious, as well as light, moments. His abundant energy, so vividly exemplified in his cheer leading, coupled with his ability, should give him a goodly share of success.

Robert Frank Heinzerling

Chemical  Nassau Smelting & Refining Co.
Sigma Pi 1, 2, 3, 4; A. I. Ch. E. 3, 4; Student Council 2, Vice-President 3, Secretary-Treasurer 4; Student Council Holdover Committee 3, 4; Fencing Assistant Manager, Manager; Photographic Co-Editor ‘Nucleus’ 4; Trunnion 4.

Bob ranks as one of our leaders. He has been particularly active in the work of the Student Council and has done much to help the School. His scholastic ability is indicated by the fact that the Trunnion Society elected him to membership in his senior year. His liking for photography has resulted in some of the fine shots included in the ‘Nucleus.’
Aanon Henry Helmrich  
Electrical  
N. C. E.  
A. I. E. E. 3, 4.  
Henry is one of the smallest men in the senior class. His baby face can be found in all the learned discussions that occur in the elec. laboratory. Henry is very active in religious circles and enjoys church picnics and socials.

Irving Joseph Herzlinger  
Mechanical  
Charms  
A. S. M. E. 3, 4; S. A. M. 4; Chess Club 1, 2; Glee Club 1, 2, 3; A. A.; Technician Staff 1, 2; Intramural Baseball 2, 3; Visitors' Day 3.  
Irv. is liked by his many friends because of his willingness and enthusiasm to share the work that must be done. He succeeded in keeping very busy during his school period and wasted very little time in getting things done.  
As a softball player, his fighting spirit was enough to help his team pull many games out of the fire.

William Edward Hill  
Electrical  
Richardson Scale Co.  
A. I. E. E. 2, 3, 4.  
Ed has succeeded in accomplishing two important objectives during the past four years. He has obtained a worthy education because of his serious attitude, and he has won many friends because of his pleasing personality.  
We don’t know how he spends his leisure moments, yet we suspect that there is someone who attracts his attention very much.
Walter Hladky

Electrical N. C. E.
A. I. E. E. 3, 4; Assistant Art Editor ‘Nucleus’ 4.

"Cousin Harry" is his nickname, and it was from this that the name "cousin" has become attached to each one of the senior electricals. Whenever you enter a room and see the blackboards artistically filled with cartoons, you can be sure he's been there. In addition, his fine sense of humor usually puts him at the bottom of the various pranks that E-42 pulls off on the Faculty.

Raymond E. Hodgkinson

Chemical Flood & Conklin
Sigma Pi 2, Secretary 3, Herald 4; A. I. Ch. E. Secretary-Treasurer 2, 3, 4; Senior Fall Dance Committee 4; Junior Smoker 4; Trunnion 3, 4.

Ray is one of the few fellows who is exceptionally interested in his work and yet has never lost his friendly smile or sense of humor. The fact that he is a member of the Society of the Trunnion is ample evidence of his ability, and with his distinguished appearance and pleasant personality, we are sure he will go far in the Chemical Engineering field.

Peter Homack

Civil Crucible Steel Co.
A. S. C. E. 2, 3; Chairman Program Committee 4; Intramural Basketball 2, 3; ‘Nucleus’ Personnel Editor 4; Visitors’ Day 1, 2, 3, 4; Trunnion 4.

Pete is that blonde-haired and rather quiet civil. He doesn't have much to say, but he does say a great deal when he talks. He has the quality of being a natural speaker, and he speaks in such a manner that those to whom he speaks immediately sit up and listen. Being an excellent speaker is a very valuable asset for any engineer, so Pete should be able to boost himself along very effectively.
Robert I. Horrock
Chemical N. C. E.
Alpha Kappa Pi 1, 2, 3, 4; Art Editor 1939 Nucleus; Soph Hop Committee 2; Soph Spring Dance 2; Visitors Day Committee 3, 4; Junior Prom Chairman '38.

Bob, besides his varied activities at school is an excellent artist. He has been very active at school and in his fraternity. His brothers are accustomed to the sight of "Snooky" and Sue at all the school socials. Bob is quiet and methodical, two characteristics that will aid him throughout his career.

Edward John Huber
Electrical N. C. E.
A. I. E. E. 2, 3, 4; Glee Club 2; Visitors' Day 3, 4.

Ed is another very congenial electrical. He's a fellow who's very easy to get along with, probably because he is always taking words, twisting them around and changing the accents on the syllables. Sometimes the results are extremely funny. He has that something about him that makes you like him the minute you meet him, which is an asset which will aid him greatly.

Martin A. Irwin
Mechanical Worthington Pump & Machinery Co.
A. S. M. E. 4; Student Council 3, 4; Intramural Basketball 1, 2; Fencing 1, 3; Wrestling 1, 4; Boxing 1, 2; Class Vice-President 3; Class President 4.

A good student and a good athlete, Marty certainly possesses the qualities to make him successful in later life. His personality and quick wit have won a host of friends for him. It is rumored that our class president is one of the most rapid talkers ever to attend N. C. E.
Henry W. Isleib
Chemical Roxalin Flexible Lacquer Co.
A. I. Ch. E. 2, 3, 4; S. A. M. 3, 4; Intramural Baseball 2, 3.

Henry is an ardent follower of the classic art established by Isaac Walton. His 'whoopers' are heard frequently in the chem lab. He mixes stories of fishes with stirring tales of the volunteer fire corps. His stories, his curly hair, and his shy, likeable smile mark Henry for a successful career.

Barry David Jacobs
Electrical American Can Co.
Phi Delta Mu 2, 4, Secretary 3; A. I. E. E. 2, 3, 4; Interfraternity Council 2; Technician 1, 2, 3; Cap and Gown Committee 4.

"Ben" is another electrical who is always around with the boys whenever they hold their "bull sessions" in the elec. lab. He is rather an easy-going sort of fellow who takes the path of least resistance as the way out. He gets that rolly-poly look from reclining informally as shown in the shining example below.

Harold C. Johnson
Mechanical Smidth Manufacturing Co.
A. S. M. E. 2, 4; S. A. M. 4; Boxing 2.

Aside from his good nature and willingness to do favors for others, Harold will be remembered by his classmates for his excellent discussions in staff control. These and many other fine qualities are not even slightly counterbalanced by the fact that he owns one of those half-pint Willys.
Julius A. Jupa
Chemical United Color & Pigment Co.
A. I. Ch. E.
Jupa is the strong and silent type, but has a fine sense of humor. His spare time is pretty well divided between his wife and camera, though we have yet to see any of his pictures. He is honest and sincere in everything he does and can be depended upon when the time comes. His stick-to-it attitude will make him achieve his desires.

Harry O. Keller
Civil Casey and Keller, Civil Engineers
N. T. S. F. President 4; A. S. C. E.; Nucleus Staff; Fratech Sports Editor 2, Associate Editor 3.
Harry was born in Germany, where he obtained his grammar school education. His employ in the Civil Engineering firm of J. J. Casey, Jr., decided his further study in N. T. S. and N. C. E. Socially and scholastically, he maintained a high level during his seven-years stay. With business and martial problems solved, he should encounter smooth sailing in the years ahead.

James D. Kelly
Civil Weston Inst. Co.
N. T. S. F.; A. S. C. E.
Red was born in Newark in 1915. Unlike many of his schoolmates he has not been working in the field for which he studied. Besides his tenor voice, we will remember him for his mathematical ability and his Scotch stubborness. He is not fond of practical engineering, but as a pure theorist he will be successful.
Oscar Kent

Mechanical  N. C. E.
A. S. M. E. 4; Chess Club 2, Secretary 2; Art Editor 'Nucleus' 4; Intramural Basketball 1, 2; Varsity Track 1, 2, 3, 4; Varsity Wrestling 2, 3, 4; Boxing Club 2.

We feel that with Oscar, N. C. E. could put a one-man debating team on the floor. His unique ability to sway a Staff Control class into believing almost anything is remarkable.

Oscar is interested in many sports, and he likes wrestling and track, in particular. His ability to sketch during classes is another one of his attributes.

Robert Jerome Klausner

Mechanical  Westinghouse Electric Elevator Co.
A. S. M. E. 4; Camera Club 4; 'Nucleus' Staff 4; Visitors' Day; Intramural Basketball 1; Boxing Club 2, 3.

Another great mechanical is Bob Klausner. For a time he gave Oscar Kent some stiff opposition on the floor in our Staff Classes, but he soon settled down with the feeling that one can debate all day without determining what is right or what is wrong. Bob will probably write a book on 'Ethics,' for he has given the subject considerable thought.

Edward F. Klenke, Jr.

Chemical  E. I. DuPont De Nemours
Alpha Kappa Pi; A. I. Ch. E.

Our association with Ed leads us to believe that his future is bright. He is an alert thinker and can express himself very effectively. Our staff control sessions proved this. It may be that he should have studied law, but one thing is certain, the chemical engineering profession will profit by his efforts.
Joseph Kreitz
Mechanical  Landon P. Smith, Inc.
A. S. M. E. 2, 4.

Joe did a pretty good job as star first baseman of the M3-A baseball team. However, his favorite indoor sport is listening to Freddy Woerz tell stories about Connecticut.

Mads H. Kristensen
Electrical  Elastic Stop Nut Corp.
A. I. E. E.

Mads was born in Denmark where he received his grammar school and high school education. He was unable to pursue engineering studies at that time, but entered Radio school and was graduated with a commercial first class license in 1922 and a U. S. license in 1923. Besides his radio interest, Mads has a keen interest in tennis, swimming, and skating.

Irving David Kruger
Mechanical  Dun & Bradstreet
A. S. M. 2, 4; S. A. M. 4; Intramural Basketball 2, 3; Glee Club 2; Visitors' Day 2, 3; A. A. A. 2, 3, 4; Business Manager 'Nucleus' 4; Trunnion 4.

The lowly freshmen who some day become Trunnion men may attribute their success to Irv Krueger, who has been spending some time coaching the frosh who have been having difficulties with their studies. From him they can learn much.

In the future we expect to hear of the many successes of this man.
Morris L. Krumholz

Civil
S. Rabinowitz Iron Works
A. S. C. E. 3, 4.

Upon graduation Morris will have had more college education than any other person in the class, having completed 3 1/2 years at N. Y. U., majoring in accountancy, as well as 7 years at N. T. S. and N. C. E. His genial disposition, coupled with the fact that he is the smoothest speaker in the class, assures the continuance of his past success.

Seymour Lewis

Chemical
Charms Co.
Phi Delta Mu 2, 3, President 4; A. I. Ch. E. 2, 3, 4; Chess Club 1, 2, 3, Vice-President 4; Trunnion 4.

Whenever a discussion in any class becomes complicated, we can depend upon Seymour Lewis to straighten the matter out or to make it more complicated. His ability to think, analyze, and decide is indicated by the fact that he has been a leader in the Chess Club for four years, and an interrupter of placid lectures in any and all classes. A friend and lover of Society, his aim in life will be to help suffering humanity.

Harold Lincoln Lipschultz

Mechanical
Handy Button Machinery Co.
A. S. M. E. 2, 3, 4; S. A. M. 4; Visitors' Day; Intramural Basketball 2, 3; Intramural Baseball 2, 3.

'Lippy' has been the backbone of the mechanical softball teams. Organizer, manager, and pitcher for M-3A, he led his team into every battle in the hectic Junior Year Softball League, which he organized. His philosophy of life and women is sound. Thus, the success of his future is practically assured.
Howard Theodore Maier  
Mechanical Container Equipment Corp.  
A. S. M. E. 3, 4.

Howie is an engineer who has developed his cultural background. His discussions in staff control reflect a wealth of knowledge of labor problems, philosophy, and theological subjects. He has a deep love for symphonic music and operatic arias. His quiet, studious manner and cultural interests will assure him of success.

David Joseph Mallon  
Mechanical Clark Thread Co.  
Alpha Kappa Pi 2, Secretary 3, Vice-President 4;  
A. I. Ch. E. 3; A. S. M. E. 4; Student Council 4;  
Junior Varsity Basketball 2, 3; Varsity Manager 4;  
Nucleus Business Manager 4; Soph Hop Chairman '37;  
Junior Prom '38; Senior Banquet 4.

Chug is well liked by all his fraternity brothers for his cheerful smile and willing manner. Dave is a well known figure at school because of his varied activities. Chug and F. J. are very famous for different versions of a well known flag song. Dave’s cheery smile and sense of humor will aid him in smoothing out life’s difficulties and assure him of success.

Alfred Thomas Marinaro  
Chemical Utility Color Co.  
Delta Sigma Zeta 2, 3, 4; Interfraternity Council  
2, Secretary-Treasurer 3, President 4; A. I. Ch. E.  
2, 3, 4; Student Council 2, 4; Class President 1;  
Class Treasurer 2, 3; Varsity Track 3, Manager 4;  
Visitors’ Day 1, 2, 3.

We have unanimously elected Al the class politician. He hails from Newark, and we feel that his future is secure in the political game if his chemical interests should ever wane. Al has been one of the most active men in the class. His efforts on the cinder paths have brought N.C.E. coveted track awards. We feel that in the future he will lead an alumni organization which will clamor for a football team.
Theodore Martin Marko
Mechanical Folstrom Co.
A. S. M. E. 4; A. I. Ch. E. 2.

Although he entered the class of 1940 at the beginning of the junior year, Teddy immediately won many friends for himself. He has the reputation of being one of the best students in the class of 1940.

Varooshan Markosian
Electrical Crucible Steel Co.
Sigma Pi 2, 3, 4; A. I. E. E. 2, 3, Chairman of Program Committee 4; Student Council 3, 4; Technician 2; Assistant Editor 4; Circulation Manager 'Nucleus' 4; Varsity Fencing 1, 2, 3, Captain 4; Visitors' Day 2, 3, 4.

This man is one of the reasons for the long string of fencing victories of which our team boasts. He has been a varsity man for four years and has been a consistent winner.

Markosian is not satisfied with ordinary accomplishments in life, and his attitude should help him in the future.

Arthur Mastrobattista
Chemical N. C. E.
A. I. Ch. E. 2, 3, 4; Trunnion 3, 4.

One of the happier, healthier chem engine men in our class is Art Mastrobattista, who developed his powerful physique on the football field of Bernardsville High. We wonder if Art takes the same comfortable position (note the eyes) in his classes as he took in the Trunnion picture. We doubt it, for he is quite a student.
LeRoy McElroy
Mechanical
Westinghouse Mfg. Co.
A. S. M. E. 4; Intramural Softball 3.

If homespun philosophy, politics, and technical knowledge are the essentials of a successful engineer, Mac is sure to achieve this goal. His timely remarks in class have livened up many a dull session. N. C. E. will suffer a real loss when Mac leaves her portals but will have an opportunity to be proud of this son of hers in the years to follow.

Joseph Martin Metzger
Chemical
Phoenix Brass Fittings Co.
A. I. Ch. E. 4; Visitors' Day 3, 4.

As Moses smote the rock, water appeared to quench the thirst of the weary vagabonds, and so it is with Joe. He has the power to quench the layman's ignorance of science, but first, he must be sought out and driven to his job.

Sidney Metzger
Chemical
Lea Fabrics
Phi Delta Mu 2, 3; Secretary 4; A. I. Ch. E. 2, 3, 4; Glee Club 1, 2, 3; Technician 2, Circulation Manager 3.

Determination with the will to carry out his thoughts most fully describes Sid. He is not a physical giant, but his brains are mightier than brawn.
Henry Owen Meyer
Electrical
Continental Can Co.
Alpha Kappa Pi 2, 3, Historian 4; A. I. E. E. 4; 
Student Council 4; Technician 2, Sports Editor 3; 
Editor 'Nucleus' 4; J. V. Basketball Captain 2, 
Varsity 3, 4; J. V. Tennis 2, Varsity 3, 4; Intra-
mural Letter and Numerals 3; Visitors' Day 2, 3, 
4.
Besides helping N. C. E. on the basketball and 
tennis courts, Hank has taken over the moment-
tous task of editing the 'Nucleus.'
His philosophy is based upon the fact that 
when one does a task, he should do it to the best 
of his ability. Because he has adhered to this 
principle, he has won the respect of his fellow-
men.

James Raymond Michaud
Mechanical
Merrick Scale Mfg. Co.
A. S. M. E. 2, 3, 4; S. A. M. 4; Visitors' Day 3.
Few men have pursued their hobby with greater 
effort and vigor than has James Michaud. No 
outside influence, no matter how tempting, is able 
to sway James from his chosen field. Though on 
rare occasions he might seek relaxation in a game 
of ball, his mind is never far from his one dear 
interest. Indeed, Michaud is truly God's gift to 
the college professors. His hobby is Study.

Harvey W. Mumford, Jr.
Electrical
Falstrom Co.
Sigma Pi 1, 4, Secretary 2, Vice-President 3; A. I. 
E. E. 2, 3, 4; Interfraternity Council 3; Student 
Council 3, 4; Technician 2, Editor-in-Chief 3; 
Associate Editor 'Nucleus' 4; Trunnion 3, Chief 
Engineer 4; Visitors' Day 3, 4.
"Harv," as he is better known to most of us, is 
an excellent, exceptionally ambitious electrical. In 
addition to his studies he has taken part in prac-
tically every extra-curricular activity on the cam-
pus during his four-year stay. The way in which 
he found the time to devote to these interests 
shows his ability to successfully manage a large 
number of jobs, which is a particularly good quali-
fication for any engineer.
Frank Joseph Muench, Jr.

Mechanical  
Clark Thread Co.
Alpha Kappa Pi 2, House Chairman 3, President 4; A. S. M. E. 2, 3, 4; Student Council 3, President 4.

Frank is a chap who's always right there whenever there's extra-curricular work to be done. He has proven his excellent ability in leadership by successfully holding down the president's chair in two of the school's best organizations, as well as being past chairman of several committees. Leadership is a quality that assures success, so Frank ought to go far.

Frederick George Olde

Chemical  
Tenney Engineering Co.
A. I. Ch. E. 3, 4; Ping Pong Club 1, Treasurer 1; Glee Club 1, 2, Conductor 3, 4.

Fred was one of our true, serious students whose conscientious work was of the best. He has been in our glee club during his stay with us and has been its leader the past two years. We know that his future will be a bright one, and we wish him plenty of luck.

John Arthur Oppel

Mechanical  
Davis Engineering Corp.
A. S. M. E. 2, 3, 4.

A well rounded book knowledge is only one of Johnny's many accomplishments. He has gone beyond the apprentice stage in sailing both on the ice and on the water, and in boat building, and general woodworking. His general repertoire also includes the forceful oratory necessary to voice his many wise opinions that are based on good sound principles. Yes, John is scheduled for a fruitful and successful career.
Fletcher B. Overman, Jr.
Electrical
Westinghouse Electric & Manufacturing Co.
Alpha Kappa Pi 3, 4; A. I. E. E. 2, 3, 4; Program Committee 4; Technician 3; ‘Nucleus’ Publicity Manager 4; Visitors' Day 3, 4.

Fletcher, although a keen student, is really a jitterbug at heart. He can name bands and singers at a moment’s notice. His dogged perseverance will surely serve him well when it comes to solving the tougher problems of life. Besides his duties as Dan Cupid, Fletch has been a popular figure at fraternal and social gatherings.

Frank O. Parachini
Chemical
Bakelite Corp.
A. I. Ch. E.; President Class '37 N. T. S.; Newark Tech. Fraternity, President; Editor 'Frotech'; Assistant Editor ‘Nucleus’.

Frank is serious, but he appreciates the value of a little fun now and then. As far as his tennis game goes, there are some chemical engineers in the class who think he can be trounced. He seems to have been built for a lot of work. The varied list of activities listed above indicate that he has done and is doing it.

Dominick Paradiso
Civil
Crucible Steel Co.
Delta Sigma Zeta 2, 3, Secretary 4; A. S. C. E. 2, 3, 4; Representative to Metropolitan Conference 4; Trunnion 3, Treasurer 4.

Whenever a complex problem arises, Dom is the least perturbed and is generally the first to solve it. He has the ability to analyze theories quite readily and to set up his own which the Profs find tough to disprove. Dom studied at Camp Technology and is considering further schooling before establishing his own business, which will be in the construction line.
Henry A. Parodi

Chemical United Color & Pigment
A. I. Ch. E. 2, 3, 4; S. A. M. 4.

For a very short time in his freshmen year, Henry was an ideal, quiet, pensive lad who looked forward to gaining a wealth of information and worthy knowledge. It was not long before he felt he had conquered science and the mysteries of the world, and he became a master of oratory. He is one of the many chemicals who can provide us with humor in our Staff classes.

Joseph H. Parsons

Chemical Studerus Oil Co.
Alpha Kappa Pi 2, 4, Sentinel 3; A. I. Ch. E. 3, 4.

Joe is an exceptionally quiet member of the chemical department. He comes and goes, but whatever he does, he does cheerfully and with a big smile. He's a very pleasant fellow to work with, and a definite asset in anything in which he participates. Here's a man that has success and good luck marked up on the scoreboard for him in whatever he does.

William E. Parelli

Civil Maplewood Township Engineering Dept.
A. S. C. E.

Bill is a native of Newark who was graduated from Barringer High School. He entered Newark School as a mechanical, but changed his course when he found civil engineering more interesting. He has worked for the state, county, city, and federal branches of the profession. His hobbies are horseback riding and rifle practice.
Jacob Peck
Chemical R. C. A.
A. I. Ch. E.

We will always remember "Jake" for his jovial attitude. If all the tales we have heard from him about the strange facts of science (so called) are true, studying engineering was a waste of time. "Well it would have been more profitable," says Jake, "to throw some old shoes into the reaction kettles to increase the yields." Jake may not be noisy, but he is a good chemist and engineer.

Michael D. Petillo
Mechanical Clark's Thread Co.
Delta Sigma Zeta 3, Sergeant at Arms 4; A. S. M. E. 2, 3, 4; Ping Pong Club 2; Fencing 1; Intramural Baseball 2, 3.

Although Michael is one of our more reserved classmates, those who have known him have enjoyed his company and have sensed the fineness concealed. His easy-going nature helps him make friends readily. If personality determines an engineer's success, Michael will be successful. His continual cheerfulness, sincerity, and conscientiousness, are decidedly desirable assets.

James G. Pickett
Chemical General Aniline Corp.
American Inst. of Engineers; A. I. Ch. E.

There's always a smile on Jimmy's face. He dresses neatly but never wears a necktie. Jim works hard and has a good time doing it. Pickett is the sportsman of the class. He has never lost a fish but has yet to make a "hole-in-one." His cheery disposition and personality should take him far along the road to success.
Wesley Noxon Philo
Mechanical Engineering
A. S. M. E. 2, 3, 4.

Wes is a quiet, pleasant, and likable mechanical who is always willing to help a fellow student. Wes has varied interests. His 'Lizzie' occupies a great deal of his time. His steadiness under fire is not confined to quizzes but extends to a girl friend. He takes an active part in the Boy Scout movement for Wes is an Eagle Scout.

Albert A. Pollack
Chemical Engineering
A. I. Ch. E. 4.

Al is a quiet, unassuming, and studious chemical. He is liked by his classmates because of his shy and serious manner. Al has worked hard for his education and will surely make a success of his professional career.

Elliot Wesley Post
Chemical Engineering
United Color & Pigment Co.
A. I. Ch. E. 4.

Although not a member of the 'Royal Order', Elliot Post has made many friends among his chemical classmates as well as those selecting other fields of human endeavor. As a frosh and soph he had plenty of time to play cards during his spare moments and was a champ in his own way. Since then, the pressure of studies has put a stop to bridge and pinochle.
J. Harold Pruden

Electrical | L. Bamberger & Co.
A. I. E. E. 2, 4; S. A. M. 4; Visitors' Day 3; Beta Eta 4.

"Junior" is the name he is most frequently called, and strangely enough he answers. He has not been an exceptionally active electrical, but he has more than made up for it by his wit and humor, which have made him the nucleus of every Beta Eta bull session. This quality of talking, seriously or otherwise, shows that he can fit in easily with any group of people, which is a helpful asset.

William Rogers Pulhamus

Electrical | Dun & Bradstreet
A. I. E. E. 2; S. A. M. 4; Visitors' Day 3; Beta Eta 4.

Bill and "Junior" have been just like two peas in a pod. They've stuck together for their four years in school and are very much alike. They are the founders of the campus's unofficial fraternity, Beta Eta, of which there are three charter members. Aside from this Bill has always shown an avid interest in radio. In keeping with the memories he leaves with all of us, here's wishing him lots of success.

John William Quackenbush

Mechanical | International Projector Corp.
A. S. M. E. 3, 4.

John is one of the few that has been able to keep smiling. His everlastingly pleasing countenance goes hand in hand with his efficient performance in and out of school. John's spare moments are utilized in advancing his practical knowledge by extensive outside reading, by repairing automobiles and other mechanical appliances, and in keeping himself in a sound physical condition through participation in several sports.
Thomas Ricci
Mechanical
Delta Sigma Zeta 2, Secretary 3, 4; A. S. M. E. 3, 4.

The only trouble confronting Tom is how he is going to spend the well earned funds that will come his way after graduation. Tom ranks among the classes' highest hopes for a new Einstein or another Taylor, for certainly, with his sincere regard for worldly phenomena, his deep respect for the accomplishments of others, and his ability to absorb knowledge, he will make the school proud to have him as a graduate.

William D. Rinck
Chemical
Flood & Conklin Co.
A. I. Ch. E. 3, 4; S. A. M. 4; Student Council 3; Class President 3; Varsity Tennis 1, 2, 3, 4; Junior Prom Committee 3.

Bill has been a leader during his days in school. He was president of the Class in his junior year, and he has always led the chemical section. As a tennis player, he does all right and has been a varsity man for four years. Somehow, we have a strong suspicion that Bill has been getting expert instruction. (Oh, Bill!)

Victor William Rose
Mechanical
Block Diamond Steamship Corp.
Sigma Pi 2, 3, Social Committee Chairman 4.

With one hand on the baton leading his famous "College Lads" to renown, and the other hand manipulating the slide rule in the attempt to solve that engineering problem, Vic's future is very difficult to forecast. Vic has made great strides in his cooperative employment during the few months he was on the job. This advancement proves him a master of opportune fields of endeavor.
Mark Benjamin Rudensey

Electrical

L. Bamberger & Co.


Mark is always troubled with labor and political problems. His speeches in staff control and management were always appreciated and hotly debated by his cousin electricals. Mark owes his success to the fact that he works hard and long with all his problems. His perseverance assures him of success.

Raymond John Sachtleben

Mechanical

Westinghouse

Alpha Kappa Pi 2, 3, Sentinel 4; A. S. M. E. 2, 4; S. A. M. 4; Student Council 1, 2, 3, 4; Rifle Club 3, Treasurer 4; J. V. Basketball 1, 2, 3.

Ray is a rather quiet and unobtrusive fellow. He goes about his work and play in an ever-calm and leisurely manner. Nothing ever seems to excite him. He has a very friendly quality about him that makes you like him the first time you meet him. In his four years at N. C. E. he has made some very close friendships, which should stand him in good stead when he gets out into the business world.

Eugene L. Salvia

Civil

Standard Blue Printing Co.

A. S. C. E. 2, 3, 4; Intramural Baseball 2, 3; Intramural Basketball 2.

The civils boast of the fact that they have the tallest and shortest men in the class. Here they present their candidate for the shortest man. From this little man, we expect big things. Gene hails from Gladstone (town that breeds athletes) and spends a lot of time on the trains. But for relaxation, he tears around in his snappy flivver.
Eugene Paul Sauerborn

Chemical Phoenix Brass Fittings
Alpha Kappa Pi 1, 2, 3, 4; A. I. Ch. E; Alpha Kappa Pi Dance Committee 2, 3; Senior Ball Dance Committee 4; Varsity Track 1, 2, 3.

Eugene Sauerborn is an exception to the general rule. He is an athlete as well as a chemical student. As a track star, he became famous under the guidance of his good friend and coach, Mr. Tully. His pet hobby is thinking up questions which he can ask in different classes.

Joseph Edward Sayre

Electrical Ocean Accident & Guaranty Corp. Limited
Phi Sigma Omega 2, 3, 4; A. I. E. E. 2, 3, 4; Technician 2, Advertising Manager 3; J. V. Fencing 2; Varsity 3, 4; Beta Eta 3, 4; Visitors’ Day 1.

Joe is one of our quiet, serious students. While he has pursued his studies faithfully, he has not indicated just what he hopes to accomplish in the future.
Basing his philosophy on the opinion that one’s life work is dependent upon fate, he has endeavored to get an education first, and face the future prepared for anything.

Walter F. Sayre

Mechanical Weston Electric Instrument Corp.
A. S. M. E. 2, 3, 4; Ping Pong Club 2, 3, 4; Varsity Tennis 1, 2.

The Eddy Duchin of N. C. E. is handsome Walt Sayre. His nimble fingers have brought him fame, and our lunch hours will be remembered because Walt’s music magically silenced the rising tide of noise.
Walt was undecided as to whether he should become a chemical or mechanical, but selected the latter. We know he’ll be successful in his chosen field.
Israel Schanerman
Chemical Kullman Dining Car
Phi Delta Mu 2, 3, 4; A. I. Ch. E. 2, 3, 4; Class Treasurer 1; Glee Club 2; Technician 2; Publicity Manager 3.

He's been given combs, brushes, oils, and grease, and still that hair won't stay down. So we're giving up in futility and are leaving him to his own resources. As a chemical engineer, we have a feeling that he might discover that magical hair tonic.
'Ilz' has plenty of ability and is ambitious. He should go far.

William Henry Schoeller, Jr.
Mechanical Plainfield International Motor Co.
Sigma Pi 2; Assistant Treasurer 3, First Councilor 4; A. S. M. E. 2, 4; S. A. M. 4; Student Council 2, 3, 4; Tennis Manager 3, 4; Visitor's Day Chairman, Management 4; Senior Ball 4; 'Nucleus' Staff 4.

Smiling Bill Schoeller is well liked by all his brothers and fellow classmates. His fraternal and managerial activities have added to his popularity. His pride and joy is a car that can be taken apart and carefully repaired. The present apple of his eye, a convertible Ford V-8 roadster, is always polished and cleaned, and resides in a garage on rainy days.

Edward James Scoble
Chemical Utility Color Co.
A. I. Ch. E. 2, 3, 4; J. V. Basketball 2, 3, 4; Chairman Junior Prom 3; Chairman Senior Ball 4.

Ed is a very popular man in the class and is one of our more socially inclined graduates. As Chairman of the Junior Prom and Senior Ball, he was greatly responsible for their successes. His temperament has led many of his fellow-chemicals to respect him. As an executive, he will probably be successful.
Fred Ernest Schwaeble
Mechanical Container Equipment Corp.
A. S. M. E. 4.

Fred can credit his healthy body and his practical technical knowledge, both of which are essential attributes for a successful engineer, to his active interest in sports, his tinkering with his automobile, and to his interest in his home machine shop. Good, honest "plugging" put Fred in his present harness and the same zeal will mark him with success.

Walter R. Scott
Chemical Colco Chemical Co.
A. I. Ch. E.

A personable fellow whose unlimited energy and talent have made him well liked and sought after in many circles. His interests are wide, and among them is a natural athletic ability which belies the theory that you cannot burn the candle at both ends. He has a resourceful approach to every problem, and when his resourcefulness has been directed towards one purpose, he will go far.

Lowell R. Shaw
Electrical Irvington Varnish & Insulator Co.
A. I. E. E. 3, 4; C. A. A. Course 4.

Larry, as he is better known to his "cousins," the electricals, is that ever-smiling chap who has aspirations of being a flyer also. He definitely has his feet and mind on the ground, as is shown by the sensible and logical manner in which he goes about his work. He has carved out a niche in our memories for himself that is enduring.
Frank Shinonis
Mechanical General Aniline

Frank has earned the respect of all his classmates by his persistent search into the details of his studies. His amiable nature and willingness to oblige have added to the general fellowship and goodwill extended him. Inherent mechanical tendencies coupled with dogged persistence should net him a successful engineering career.

John Matthew Siegmund
Chemical Singer Manufacturing Co.
A. I. Ch. E.

A gentleman by birth, a plater by profession, a student by courtesy of N. C. E., and a "singer" from Singer's. He is the only man who can reach a high "C," and still keep an almost supernatural coincidence between his song work and his homework. Seriously speaking, Johnny will never have to depend on a serenade to make the grade.

Leo Joseph Smuda
Chemical Crucible Steel Co.

Leo has become used to managing huge sums of precious metals early in his career. His employment at Crucible Steel has given him this valuable experience. Coupling this with a quiet and modest disposition, Leo seems headed toward a successful future.
Rudolph Soltau
Mechanical
Dun & Bradstreet

Rudolph is the man of mystery around school. His wild hair has often caused wonder and speculation among the mechanicals. How does he manage to keep it straight up in the air? Rudolph is not a brilliant scholar but has a will that keeps him at his tasks.

George Ensley Stailing
Electrical
Phelps Dodge Corp.
A. I. E. E.; Class Secretary ‘36, Tech; Trunnion.

George is the adventurous type of engineer that we read so often about. A love of the sea and a desire to travel resulted in his joining the Navy and traveling half way around the world. After graduating from the U. S. N. Electrical School he toured the United States in a flivver. His lack of technical knowledge has now been remedied, and we feel sure that George is at last headed for success.

Arthur Peter Steensma
Chemical
N. C. E.
A. I. Ch. E. 2, 3, 4; S. A. M. 4; Glee Club 2, 3, 4.

Art is a good, quiet fellow upon whom you can always rely. He likes good music and has been an active member of the Glee Club. The field of mineral collecting interests Art but the expense involved in supporting his collection is cooling his interests.
Alois George Steiner
Civil
Continental Can Co.
A. S. C. E. 2, 3, 4; Intramural Baseball 3, 4; Intramural Basketball 1; Visitors’ Day 1, 2, 3.
Alois is one of the loudest civils, but for some strange reason he is one of the quietest men in Staff. We wonder if at that time he thinks about a certain little nurse.
Moe wants to be a structural designer, and he will probably climb to the top in his chosen field.

Joseph William Swiencicki
Mechanical
Phoenix Brass Fitting Co.
Phi Sigma Omega 3, 4; A. S. M. E. 4; S. A. M. 3; Rifle Club 4; C. A. A. Flying Course 4.
Joe is a fun loving mechanical who has a passion for swing music. He is easy to work with and is well liked by all the seniors. His hobbie is aviation and he is now trying to further his education in that field by studying in the C. A. A. course.

William B. Tiefenbacher
Mechanical
Wright Aircraft Corp.
Bill is a socially inclined mechanical. His broad smile and bright countenance made all the affairs at school a definite success.
John M. Tomaszewski
Chemical General Aniline
A. I. Ch. E.; American Institute of Engineers.
He is the only man in the class who answers to a sneeze. A carefree and light-hearted manner has never seemed to fit anyone more suitably. An effervescent sense of humor and a feeling of hearty good fellowship are the secrets of John's affability. He has always felt that the most cherished memories of school are the classic incidents that have always arisen in class. His nonchalance and humor have rescued us from the mists of many of our more serious classes.

Willis Bailey Townsend
Electrical Westinghouse Electric & Manufacturing Co.
Sigma Pi 2, 3, President 4; A. I. E. E. 2, 4; Corresponding Secretary 3; Interfraternity Council 4; 'Nucleus' Staff 4; C. A. A. Course 4.
Bill is one of our boys of whom we hear but seldom see. He has been around for four years, but he apparently avoids the campus. The reason for this may be that he is a typical electrical who hounds the electrical offices, but we feel that his fraternal activities keep him away from our plains. Bill likes flying, and he ranked "first" when it came to selecting the pilots for the C.A.A. course.

William H. Van Zee
Electrical The Ocean Accident & Guarantee Co.
A. I. E. E. 2, 3, 4.
Bill is one half of the team, Volz and Van Zee, who are both electicals. Wherever you find him you'll be sure to find his "side-kick" also. Bill's personality and grand sense of humor have carved for him a definite niche in the minds of all of his fellow electicals. Right now he's much interested in engineering as applied to the insurance business, mainly because of his cooperative work. Good luck, Bill!
Gus Enrico Viscione
Chemical Tenney Engineering Co.
Delta Sigma Zeta 1, Treasurer 2, 3, 4; A. I. Ch. E. Secretary-Treasurer 2, Vice-President 3, President 4; Student Council 3, 4; Interfraternity Council 3; Technician 3; Class Treasurer 1; Junior Prom Committee 3; Senior Fall Dance Committee 4; Visitors’ Day Committee 1, 2, 3; Trunnion 3, 4.

Gus is one of the most active and forceful men in the class. Throughout his four years in college, he has shared more than his burden in numerous activities. In his studies, he has always ranked close to the top, and he is not exactly satisfied unless he is at the top. The Society of the Trunnion elected him to membership during his junior year.

Philip E. Volz
Electrical N. C. E.
A. I. E. E. 2, 3, 4; Visitors’ Day Committee 2, 3, 4.

Phil is the one half of the electricals’ Siamese twins. Bill and Phil are practically inseparable. Phil’s a very pleasant fellow to have around, and is always ready for a good laugh. He’s very pleasant to work with because of the efficient manner in which he does his work. Working efficiently is a very successful business qualification, so good luck in all you do, Phil!

John Edmund Warren
Electrical Nilsson Electrical Laboratory
A. I. E. E.

Despite the fact that his parents planned a pianist career for John, he has followed his ambition in science and studied at N. T. S. and N. C. E. He is determined to make the physics of measurements his life work, and expects to continue his studies in mathematics and physics. His recreational activities include such hobbies as music, colored movies, photography, chess, hiking, and canoeing.
Julius Weber
Mechanical Singer Manufacturing Co.
A. S. M. E.; Newark Tech. Fraternity, Custodian; Yearbook Committee.

Quiet and unassuming, Julius Weber will be remembered by all of us of "43" as one of our most brilliant stars. His genuine friendliness and helpfulness to his fellow classmates has been his greatest single attribute. Always cheerful, Julius has been a true friend to a great many of us. We sincerely wish him the success he truly deserves.

Harold Lester Weinberg
Mechanical Richardson Scale Co.
A. S. M. E. 3, 4; Photography Club 3; 'Nucleus' Photography Co-Editor 4.

We can all take a lesson from Harold's easy-going and consistent ways, which he has proven effective by his good record in and out of college. Harold's interests are divided into several fields of endeavor, mainly showing great enthusiasm toward photographic art and becoming a well known organizer in the Boy Scout movement. There is no doubt that he will carry the N. C. E. banner to great heights.

Herbert Smith Weis
Mechanical Westinghouse Electric & Manufacturing Co.
Alpha Kappa Pi 2, 3, 4; A. S. M. E. 2, 3, 4; Soph Hop Committee 2; Junior Prom Committee 3.

Herb is what he is familiarly called. The person who answers to that call is a tall and distinctive individual who is well liked wherever he goes. His exceptional quality of friendliness will be a big asset to him in whatever profession he chooses to follow when he leaves good old N.C.E. Good luck will follow him in all he does.
Frank E. Weller
Mechanical Permutite Co.
A. S. M. E.

Frank is a quiet non-assuming fellow possessing all the attributes of a man determined to succeed. His methodical attack, regardless of effort, along with a capacity for neat workmanship, will no doubt earn for him a handsome reward. While Frank has not been overactive in scholastic affairs, the interest he has always displayed in others has won him many lasting friends.

Fred Herman Woerz
Mechanical Max Pollock Sewing Thread
A. S. M. E. 4; Ping Pong Club 4.

Fred lived the life of a typical engineering student during his undergraduate years; plenty of hard work and not enough play. But he made up for lost time in his senior year when Pa bought him a Ford and Ma allowed him to work in Connecticut. His stories have almost resulted in a mass exodus of the mechanicals to Connecticut.

William J. Workman
Electrical Westinghouse Electric & Manufacturing Co.
Sigma Pi Sergeant at Arms 2, 3, 4; A. I. E. E. 2, Secretary 3, Vice-President 4; Rifle Club 2, President 4; Visitors' Day 1, 2, 3.

Bill is the tallest of all the electricals. You'll always be able to spot his head and shoulders above the rest of his "cousins" whenever they hold a bull session in the 'elec.' lab. His outside interests vary from candid photography and shooting to tennis and sailing. This variety of interests, his pleasant manner and personality, should win success for him in anything he chooses to do.
Morris N. Yablonsky
Chemical N. C. E.
A. I. Ch. E. 4; Junior Prom Committee 3; Trunion 4.

Morris has the ability to do the most work with the minimum of effort. We all remember the Christmas vacation when Morris was going to do twelve experiments—but he did none. He has entertained us during his stay with us, and we will miss him and his impersonations.

William Andrew Yahn
Mechanical International Projector Corp.
Phi Sigma Omega 3, Warden 4; A. S. M. E. 3, 4; S. A. M. 4.

A combination of a good sense of humor and the ability to take things lightly makes Bill a pleasant associate to all who know him. Besides being a proficient student of engineering, his knowledge of farming was well shown by his presentations. Bill spends his leisure time in building things, having already built a workable ice boat. His ultimate realization is the building of an airplane.

William George Yuckymow
Chemical Tenney Engineering Co.
A. I. Ch. E 2, 3, 4; Intramural Baseball 3; Radio Club 3, 4.

Besides qualifying himself for a degree in chemical engineering, Bill has developed himself socially and culturally during his school career, by being present at a majority of the school social events. Basing his philosophy on the teachings of the eminent Professor V. T. Stewart, he has succeeded in winning a host of friends who enjoy his lectures.
Clinton F. Zabriskie

Chemical Wright Aeronautical Corp.

Clint has an amazing amount of perseverance. His sheer perseverance and thoroughness will carry him far. He is a true gentleman, whose every move is tempered with consideration for others. Clint has the "makings" of a good engineer. His methodical manner of approaching problems will surely aid him in his professional career. We will all remember Clint as the gentleman from Cornell.

Howard C. Zachmann

Electrical A. I. E. E.

Bendix Corporation

Howard is a serious electrical who regards short bibliographies as childish.
ALMA MATER

Hail Alma Mater dear!
With voices ringing clear,
Thy sons will sing thy praise
Throughout the years.
E'er will our memory
Recall both work and glee.
We love Thee best of all,
Our N. C. E.

Long may Thy halls be bright
With intellectual light,
While students learn from Thee
Both day and night.
When we depart from Thee
To sail on life's great sea,
We pledge devotion true,
Dear N. C. E.

Words by J. ELTON TUOHIG
Class of 1938
UNDERGRADUATES
SWINGING along in full stride the Class of 1941 completed a memorable Junior Year.

Under the able guidance of co-chairman Henry E. Pruner and A. Wellesley Earl, the Junior Prom Committee composed of Don Smith, Gregory Moelter, Robert Gauthier, Fred Mosinger, Henry Warde, Hugo Biertuemple, and Seymour Feder gave an affair that will never be forgotten. Who can forget that chill moonlight night of February 23, the beautiful Essex Fells Country Club, the orchestra of Teddy Garland, and the happy gathering of good friends? Without doubt the Prom was the most successful social event of the year.

Following tradition, a smoker was given in April with the Freshman as our guests of the evening.

As usual, our class was well represented in every varsity sport at the College, as well as in student government.

With the same whole-hearted cooperation from the members of the class, our next and final year should be a banner one in every respect.
THE largest class ever enrolled in N. C. E, including one co-ed, started its tradition-breaking four years by electing as officers: President, Roland Laugel; Vice-President, Charles Dingle; Secretary, Helen Oladko; Treasurer, Edward Heider. The Frosh-Soph Football Game was lost after a grim battle, as was the annual basketball game. A very well attended and highly successful smoker was run by the Class in January. Our College saw the founding of a new social tradition by the running of the Freshman Frolic. The function was held in the highly decorated Campbell Hall Gym with music furnished by Buddy Meyers and his orchestra. The Frosh-Soph Baseball game was won by the Class, bringing a triumphant close to an active year.

Officers elected for the Sophomore Year were: President, Edward Heider; Vice President, Charles Dingle; Secretary, Alfred Crosby; Treasurer, Thomas Johnson. Dr. Taylor was chosen as Class Adviser for the remainder of the Class’s life. A Constitution worthy of its Class was accepted unanimously. A fitting warm-up for the year was the Class victory over the Freshmen in the annual football classic. The sensation of the year, the Soph Hop, was held at the Griffith Auditorium. Music dealt out by Johnny Dee’s popular orchestra and vocalizing by gorgeous Margie Stewart were well received by all.
STARTING from the very beginning to make a name for itself, the class of '43 was the first class to draw up a constitution in its Freshman year. Continuing its originality, the Freshman class embraced in its constitution the ruling, approved by the Student Council, that in order to vote at a class election, you must possess a Student Organization membership card.

The social inclination of the freshman was satisfied throughout the year by the Frosh Hop, and also at the smokers given by the Junior class and the Trunnion Society. The Freshman class this year contributed to the Trunnion Society smoker.

Mixing business with pleasure, the Freshman played the Sophomore in the traditional contests of football, basketball, and baseball. Good sportsmanship was the keynote of the contests, which were played to the satisfaction of nearly all.
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The Technician is sponsored by the Student Council
THE Society of the Trunnion was founded in 1928 to confer distinction upon those students of the Newark College of Engineering who have served their Alma Mater in the most creditable manner; to encourage academic attainment among undergraduates and professional achievement among the alumni; to encourage extra-curricular activities and loyalty to the college; and to develop character and leadership. Members are elected from the upper quarter of the Senior class and the upper eighth of the Junior class.

The Annual Banquet was held on December 15, 1939 at the Downtown Club in Newark. The guest speaker was Mr. George McRae, Trustee of the College, and General Manager of New Jersey Bell Telephone Company. Professor Harold E. Walter was installed as an honorary member of the Society. In May of each year, the Trunnion sponsors a smoker to which the entire student body and faculty are invited.
THE Student Council is the governing body of the undergraduates at the Newark College of Engineering. It is composed of representatives of the classes, Athletic Association, professional societies, college publications, fraternities, and approved clubs.

The Student Council was reorganized at the start of this year. Under the new plan, each of the member organizations can present a budget to the Student Council and receive financial aid. It is hoped that all the students will become members of the Student Organization.

One of the foremost duties of the Student Council is to organize the Freshman Class. It also finances and sells all stickers, pennants, and seals as well as the Student Handbook and the Technician. The Visitors Day program is conducted each year by a committee of Student Council members.
THE Rifle Club, although one of the youngest clubs in the college has shown great progress since its organization in 1938. Its membership has increased from a mere handful of students to the present enrolment of twenty-five members. Any organization, large or small, needs some basis upon which it may operate to the best advantage of its members. With this in mind, a constitution was written in the hope that it will give the N.C.E. Rifle Club a working principle.

Meetings are held once a week, at which instruction in the technique of shooting is given by one of the members. Discussions and proposals for rifle matches with other colleges for the year are also brought to the attention of the members at the meetings. During the year of 1939 the club was victorious in six of its nine matches. Rifle practice is held on Friday evening and Saturday morning of each week at the neighboring ranges.
THE Chess and Checkers Club is one of the youngest clubs on the campus. During its short existence its membership has grown from five members to over twenty-five. The club convenes every noon hour in the drawing room. It is here that lessons are given to novices and also more expert instruction is given to those who understand the rudiments of the game. The club competes with other colleges and has matches with Stevens, West Point, St. Peters, Cooper Union, Seton Hall, and Rutgers on its schedule. The club has several chess and checker sets at its disposal. It has been recognized and supported by the Student Council.
THE Newark College of Engineering Radio Club is an organization whose purpose it is to promote an interest in amateur radio activities and to maintain a spirit of fraternalism among the radio-minded students.

During the past two years, communication activities of the club, which is licensed by the government under the call letter W2JPK, have been extended to both telephone and telegraph transmissions on the 20, 40 and 160 meter amateur operating bands. Last year the club carried on communication activities, with the aid of portable equipment, at a Boy Scout camporee for a continuous period of forty-eight hours. To aid in the advancement of a most worthwhile hobby, amateur radio, the non-licensed members are provided with adequate instructions in telegraphy and radio theory to prepare them for the government examinations.
THE Chess and Checkers Club is one of the youngest clubs on the campus. During its short existence its membership has grown from five members to over twenty-five. The club convenes every noon hour in the drawing room. It is here that lessons are given to novices and also more expert instruction is given to those who understand the rudiments of the game. The club competes with other colleges and has matches with Stevens, West Point, St. Peters, Cooper Union, Seton Hall, and Rutgers on its schedule. The club has several chess and checker sets at its disposal. It has been recognized and supported by the Student Council.
JUNIOR PROM
at the
ESSEX FELLS COUNTRY CLUB
FEBRUARY 23, 1940
Chairmen
HENRY PRUNER   A. WELLESLY EARL
Committee
HUGO BIERTUEMPFEL
SEYMOUR FEDER
ROBERT GAUTHIER
GREGORY MOELTER
FRED MOESINGER
DONALD SMITH
HENRY WARDE
SENIOR BALL
at the
KNOLL COUNTRY CLUB
APRIL 6, 1940
Chairman
EDWARD J. SCOBLE
Committee
J. BERMINGHAM
R. COLEMAN
A. CARRACINO
E. SAUERBORN
W. SCHOELLER
THE Civil Aeronautics Authority has designated the Newark College of Engineering as a member of its Civilian Pilot Training Program. This program calls for the training of some 10,000 civilian pilots within a year. It is in no way connected with the Army or Navy; the program's purpose being to develop civil aviation.

The course, leading to a Private Pilot's License, consists of 72 hours of ground school work and 35 to 50 hours of flying. The ground school work consists of the following schedule:

- History of Aviation: 2 hrs.
- Civil Air Regulations: 12 hrs.
- Practical Air Navigation: 15 hrs.
- Meteorology: 15 hrs.
- Parachutes: 1 hr.
- Aircraft Power Plants: 5 hrs.
- Aircraft Instruments: 5 hrs.
- Radio Uses and Terms: 2 hrs.

The ground school work was given at the college by Mr. Robert N. Dobbins, a graduate from N. C. E. in 1938, and who holds licenses as both pilot and instructor.

The flying part of the course was given by the Standard Flying Service at the Somerset Hill Airport, Basking Ridge, N. J. Their equipment and instructors are licensed and examined by the Civil Aeronautics Authority. The ground school work began on October 23 and the flying instruction started about a month later.

The College has been allotted a quota of 20 students for this program. Each student must have parent's consent to enter the course. In addition, he must pass a medical examination, first by the College physician, and finally by a physician designated by the Civil Aeronautics Authority.

President Allan R. Cullimore has designated Dr. Frank D. Carvin, Professor of Mechanical Engineering, as director of the course and who was responsible for the conduct of the entire instruction.
SOCIETIES
THE Newark College of Engineering Chapter of the American Institute of Chemical Engineers is very active. A majority of the chemical students support this society with wholehearted enthusiasm.

The society aims to acquaint its members with modern industrial practice which are not a part of the college curriculum.

Several inspection trips have been sponsored by the society. Leading industrial chemists and instructors from other higher institutes of learning have spoken at its regular meetings.
ON March 10, 1928, fifteen men organized the N. C. E. Civil Club with present faculty members, Professor Van Houten and Mr. Mac Fadyen, as President and Vice-President, respectively. In April of 1931 the Board of Directors of the A. S. C. E. approved of the formation of a chapter to be known as the N. C. E. Student Chapter of the A. S. C. E. On May 6, 1931 the first meeting was held with President John Steiger in charge, Mr. C. A. Mead, a Society Director, welcoming the organization as the 98th Student Chapter to join the Society; there are now 120 active chapters.

This Chapter was organized as an aid in the professional development of Civil Engineering students at the college, and continues to operate with this as its aim. The Chapter has twice received citations from the Society for its outstanding work, being among three of some thirty schools in the Eastern region to receive this honor.
THE student branch of the American Institute of Electrical Engineers was organized in the fall of 1926. This organization grew out of the Electrical Society of the Newark College of Engineering that was organized the previous year.

The object of the local branch is to broaden the scope of the potential Electrical Engineers in fields that are outside the range of classroom work. The meetings are patterned after those of the parent society. Lectures, many of which are illustrated by pictures or equipment of the latest designs, are given by representatives of different concerns. Intensely interesting and instructive discussions often follow these lectures. The student members are encouraged to write technical papers for presentation at the meetings.

The student convention, which includes all of the college branches of the American Institute of Electrical Engineers in the metropolitan area, is the big outside event of the year. A senior from each college presents a paper or thesis, the winner receiving a prize.
THIS year the Student Chapter of the American Society of Mechanical Engineers, with its record membership, had a most active year. Its prime purposes, so fully achieved, are to stimulate engineering thought and discussion, to acquaint its members with the procedure for conducting professional meetings, and to serve as a medium whereby all the mechanical students in the college may become better acquainted.

One of the monthly meetings that will be long remembered was the first gathering of the fall term, when Mr. Edward Houston (N. C. E. '37) featured an outstanding meeting about the testing of airplane engines. The "Father and Son Night" held in the spring was equally enjoyable.

In the latter part of April this chapter was host for the Eastern Group Meeting of the ASME. This two-day convention that was so completely successful was ample evidence of the ability and resourcefulness of our members.
THE student branch of the Society for the Advancement of Management was founded in order to give students who are interested in industrial engineering a chance to learn more about that field and to bring them in contact with men already engaged in management work.

Although the society holds meetings at the college, the principal benefits are obtained through attendance at meetings of the parent society and through the fine technical literature supplied by the society. This arrangement makes available to members a source of superior knowledge of the latest developments in the management field, which, when coupled with the industrial engineering courses given by the college, qualifies them as industrial engineers specializing in their own particular fields.
FRATERNITIES
ALPHA KAPPA PI
ALPHA CHAPTER

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David J. Mallon
Henry O. Meyer
Frank J. Muench, Jr.
Fletcher B. Overman, Jr.

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Robert I. Horrocks
David J. Mallon
Henry O. Meyer
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Fletcher B. Overman, Jr.

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PROFESSOR PAUL E. SCHWEIZER
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UNDERGRADUATE
Anthony Brasunas ................................ Fred Laible
Fred Nugent .........................................

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Edward Golda ....................................... James Kelly
O. Frank Parachini .................................

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Ronald Faber ....................................... Theodore Schneider
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CLASS OF 1942
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John Di Rienzo ...................................... Al Fein
David Duguid ....................................... Harry Guididas
Paul Urich ...........................................
The Newark College of Engineering Interfraternity Council is a governing body comprised of two representatives from each of the recognized fraternities on the campus, the duties of which are to conduct and coordinate the common business and social relations of these fraternities.

The highlight of this year's social activities was the annual interfraternity dance, which proved to be one of the most successful functions the Council has sponsored. Coming at the beginning of the school year, this dance provided an opportune function at which freshman and underclassmen were able to become acquainted with upperclassmen, graduates, and the faculty in an atmosphere other than academic.

Among the other activities of the I. F. C. is a sports schedule, which includes basketball, baseball, bowling, ping pong, and track. A trophy to the fraternity is awarded each year by Phi Delta Mu. Alpha Kappa Pi awarded Sigma Pi its trophy this year for having attained the highest scholastic rating of any fraternity group.
SPORTS
ATHLETIC ASSOCIATION

The Athletic Association, one of the largest organizations in the College, is entirely student organized and supported. The officers are elected at a general election at the close of each school year. This year the athletic program of the College was revised and improved through the conscientious efforts of President Raymond Hall and his co-workers.

The Athletic Association conducts an active campaign each fall to raise the funds necessary for the six teams N. C. E. puts in the sports field, plans the teams budgets, directs the intramural and interclass sports, and keeps records of the points for athletic awards. Last spring the Athletic Association added a Freshman-Sophomore baseball game to the interclass sports, which already includes a football and basketball game for the Freshmen and Sophomores. Intramural sports were run in a more orderly fashion this past year, the point system was revised, and a filing system was inaugurated. An A. A. room just off the gym floor was acquired this year, and all records and equipment are kept in this room. All these improvements mean that the general student body will derive a much greater benefit from the athletic activities at N. C. E.
To start the year in sports the Sophomores beat the Freshmen at Branch Brook Park in their annual football game by the score of 6 to 0. The game was well attended and was thoroughly enjoyed by many faculty members as well as students. Next the basketball and fencing teams started their varsity schedules. Both these teams had better than average success. The intramural and Frosh-Soph games were the next sport activities on the calendar, and in the meantime the College "roughnecks" were busy throwing each other and the men on other wrestling teams around the mat. The table tennis team was also very active during the winter months, and a table tennis tournament was run off, as well as many intercollegiate matches. The track team has started to get in shape for the meets coming in the spring, and the relay team has already competed in the "Sunday Call" meet. Softballs are beginning to appear about the campus, which means that the men are anxiously awaiting the intramural softball games. The second annual Freshman-Sophomore baseball game is also being planned for the latter part of May.

With all these activities to attend to, the Athletic Association officers and their very able adviser, Professor Entwistle, are kept very busy. Professor Entwistle, the director of athletics, is the college's number one sport enthusiast, and may be seen at practically every game or match engaged in by N. C. E. men. His wise counsel is always looked for and appreciated by the Athletic Association.

It is fitting that the class of 1940 take this opportunity to thank the members of the faculty who coach teams and aid in the athletic programs for the time and effort that they have unselfishly devoted to this work. Their spirit should be an inspiration for the entire student body to get behind the Athletic Association and give it their wholehearted support.
WITH three of last year's first five men returning to the basketball court, Coach Bauder started to work the boys into condition for one of the toughest schedules ever played by an N. C. E. basketball team. After a month of practice, Jim Ellor, the 6 ft. 4 in. sophomore, and Pete Skurla, a junior, had filled the gaps left by Dave Zarin and Gil Fehn of last year's team.

The opening game of the season on December 2 saw the N. C. E. lads pitted against one of the strongest fives in the country, Panzer College of East Orange. By aggressive playing and sterling defense work the High Streeters took the lead at the outset and held a 17-11 lead at half time. They increased their lead to 9 points with ten minutes left to play and had Panzer seeing red until the final minutes, when a Panzer rally carried them to victory. Despite the gallant efforts of Ray "Jigger" Hall, who had been elected captain just before the game, Panzer managed to win 34-27.

The next three games were decisive victories for N. C. E., as we beat Rutgers Pharmacy 49-30, trimmed Newark State Teachers 50-19 on the teachers' court, and took the measure of our fellow engineers from Brooklyn Poly 47-34. Pete Skurla really had his set shots working and scored a total of 36 points in these three games.

The three-game winning streak was halted right after the Christmas holidays in a rough and tumble overtime contest against John Marshall of Jersey City. Captain Hall was injured in the game and the injury kept him
on the sidelines for two weeks. Hall and Bolton led the scoring attack for N. C. E., but the Engineers lost their second conference tilt by a 32-28 count.

Drew University, N. C. E.'s traditional rival, was the next victim to fall before the Red Raiders. The final score was 38-27, as N. C. E. had to repulse a great second half rally after taking a commanding lead in the first period. Hank Meyer really went to town in this battle and came through with 11 points to lead the Engineers in scoring.

The Upsala game, played in East Orange, was the highest scoring game of the season, with N. C. E. beating their conference rivals 55-51. Jim Ellor played a great ball game and scored 19 points. Ray Hall played the second half despite his injured shoulder to lead the team to victory.

In the return game with Drew on Drew's home court, the N. C. E. lads were taking a drubbing the first half and left the court with the score 31-20 against them. The second half showed a complete reversal of form, and the N. C. E. courtsters held Drew to one basket and five fouls while Pete Skurla and Ray Hall scored almost at will to give the Newark boys a 51-38 victory.

Next, the team played a double-header against the Alumni and Newark Technical School and won both of these games, 30-19 and 35-24. The second team saw plenty of action in both of these games, and Johnson and Leary appear to be great freshmen prospects.

On the eve of George Washington's Birthday N. C. E. suffered their third loss of the season at the hands of Montclair State Teachers' College, 37-28. The team just couldn't seem to find the basket that night. Ed Ebel, a junior substitute, played a good ball game for the short while he was in there and rang up 6 points. Hall led the scorers with 7 tallies.

The last game played to date resulted in another victory for N. C. E., as they licked Pratt Institute 57-45. Ray Hall again led the scorers with 17 points and was followed close behind by Jim Ellor with 15. It was the first victory for N. C. E. over the New Yorkers in four tries.

The team has played well against the strongest teams in the section, and although there are still two games left to play, Wagner and Newark University, the season has been a successful one. The Newark University game will be the last one for Captain Ray Hall, Hank Meyer, Don Bolton and Senior Manager Dave Mallon.

**Basketball 1939-1940**

<table>
<thead>
<tr>
<th>Date</th>
<th>Opponent</th>
<th>Score</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>Dec. 2</td>
<td>Panzer</td>
<td>Away</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>Rutgers Pharmacy</td>
<td>Home</td>
<td>34</td>
</tr>
<tr>
<td></td>
<td>Newark State Teachers</td>
<td>Away</td>
<td>49</td>
</tr>
<tr>
<td></td>
<td>Brooklyn Polytechnic Institute</td>
<td>Home</td>
<td>30</td>
</tr>
<tr>
<td></td>
<td>John Marshall</td>
<td>Home</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>Drew University</td>
<td>Home</td>
<td>27</td>
</tr>
<tr>
<td></td>
<td>Upsala</td>
<td>Away</td>
<td>55</td>
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<tr>
<td>Feb. 10</td>
<td>Newark Technical School</td>
<td>Home</td>
<td>35</td>
</tr>
<tr>
<td></td>
<td>Alumni</td>
<td>Home</td>
<td>24</td>
</tr>
<tr>
<td></td>
<td>Drew University</td>
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<td></td>
<td>Montclair State Teachers</td>
<td>Away</td>
<td>19</td>
</tr>
<tr>
<td></td>
<td>Pratt Institute</td>
<td>Home</td>
<td>15</td>
</tr>
<tr>
<td>Mar. 2</td>
<td>Wagner College</td>
<td>Away</td>
<td>36</td>
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<tr>
<td></td>
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</tr>
<tr>
<td></td>
<td>Upsala</td>
<td>Home</td>
<td>33</td>
</tr>
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</table>

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Coach Bauder
THE J. V. basketball team consists of the future varsity stars of N. C. E. These fellows work hard at practice to give the varsity good opposition and very often are moved up to the varsity because of their good work. The J. V.'s play games against the J. V. squads of other colleges whenever possible, or against outside teams as a preliminary attraction to the varsity games.

Although the team's record thus far this year is just under the .500 mark with three victories against four defeats, it must be remembered that the team does not always have the best five men on the court, since it is the proving grounds for up-and-coming players. Everyone is given a chance to play to show his ability in an attempt to make the big team.

Leary, Johnston and Ferris led the team in scoring and were assisted by Flis and Tarbox, who played good defensive ball and handled the ball well. The rest of the squad consisted of Powell, Gardner, Flaherty, Jermak, Whitehead, Schneider, Sattler, Rau, and Owens.

JUNIOR VARSITY BASKETBALL, 1939-40

| Dec. 9 | Pirates A. C. | 23 | 29 |
| Dec. 16 | Newark State Teachers J. V. | 13 | 8 |
| Dec. 22 | Brooklyn Polytechnic Insititute J. V. | 23 | 28 |
| Jan. 6 | John Marshall J. V. | 19 | 38 |
| Jan. 13 | Buxton A. C. | 31 | 24 |
| Feb. 21 | Montclair State Teachers J. V. | 23 | 32 |
| Feb. 24 | Pratt Institute J. V. | 29 | 28 |
Coach Norman Wyckoff, Manager Petrosky, Stillwaggon, Harrison, Geraci, Captain Markosian.

FENCING

The fencing team of the Newark College of Engineering, under the able guidance of Coach Norman Wyckoff, has, during the past few years, established quite a commendable record. In twenty-six matches, the Engineers have emerged victorious twenty-three times. Newark outclassed such teams as those from Fordham, Temple, Lafayette, Drew, Lehigh, and other 'big name' colleges. Lafayette in 1937, Wagner in 1938, and Long Island University in 1939, have been successful against the Newarkers. Through its many victories, the reputation of N. C. E. has become quite widespread. Last year the team received correspondence from as far west as Idaho, and it is commonplace for N. C. E. fencing managers to receive offers from professional fencing clubs throughout the northeast.

The 1939-40 season has been as successful as those in previous years. The Engineers started off on the right foot by trouncing Montclair State Teachers College and Cooper Union. On January 12th, N. C. E. was introduced to defeat when they met Long Island University at Greco's Fencing Academy in New York. We lost, 10-7, due to a complete collapse in the epee events. The defeat, however, was a glorious one, as the L. I. U. team and the throngs of spectators attested. The team then defeated Newark State Teachers College, and crushed a strong Drew University team 12-5. Brooklyn College was the next victim by a 10-7 score. Wagner College, sporting a fine record, fenced with the Engineers on February 24th. This was the team, the only team, to mar a perfect 1938-39 season. The boys remembered and slaughtered the Staten Islanders.
TENNIS

THE Tennis Team continued to add to the enviable records of the previous tennis teams by losing only two matches out of seven. The team defeated Brooklyn Poly, St. Peters, Newark State Teachers, Webb Naval Institute, and Newark University, losing to Drew and Montclair State Teachers’ College.

Herb "Butch" Heller was the only player on the squad lost through graduation, so the tennis team will undoubtedly have another of their usual good seasons. Heller played number three singles and combined with Captain Louis Smith to play number one doubles.

The tennis squad will start its early spring practice in the gym in March with Lou Smith, Captain-elect Fehn, Joe Siciliano, Harry Forristel, Hank Meyer, and Bill Rinck as the returning lettermen. These veterans, plus several promising freshmen, under the excellent tutelage of Mr. Jordan and Dr. Giesy are sure to come through with some good tennis victories. Those graduating this year are Smith, Fehn, Meyer, Forristel, Rinck, and Manager Bill Schoeller.
THE Wrestling Team played a light schedule of four matches during the 1939-1940 season, the second year of varsity wrestling activity at N. C. E. Matches were arranged by Manager Gil Glass with Brooklyn Poly, Montclair State Teachers' College, Brooklyn College, and Newark Technical School. Although the team won only one match, the year was a successful one in that the mat game was received with a great deal of enthusiasm. Under the guidance of Coach Baker there were several newcomers who showed promise of becoming good grapplers in the near future. The squad had four experienced men in Captain Carlson, Flemming, Pollara, and Kent, but was lacking in reserve power and was further hampered by several slight injuries. The newcomers to the squad were Bischoff, Rast, Wilner, Beckhusen, and Rudolph. Kent is the only member of the squad who is graduating.
THE track season is just beginning to get under way, but the Track Team, coached by Mr. Tully, is looking forward to a year that will be even more active and victorious than was last year's team. That team was captained by Gordon Manhard, and in their dual meets they came out even, winning one and losing one. The victory was a decisive one, as N. C. E. beat Savage of New York by 15 points. Against the strong St. Peter's aggregation the N. C. E. speedsters were nosed out by but 4 points. The team managed to win several places in the Junior Metropolitan Championships and won the first event sponsored by the newly formed Intercollegiate Conference. This event was a medley relay, and the N. C. E. relay team won the trophy.

All the men from last year's team are back again this year, and the team has made an auspicious start by coming in second in the Sunday Call Indoor Track Meet. Seton Hall finished ahead of the N. C. E. boys, and they are rated as one of the top teams in the East. This spring the team has already scheduled dual meets with Savage and Trenton Teachers, a triangular meet with St. Peters and Panzer, and will compete in the Conference Championships and the Penn Relays. Guy Willey and Bill Hoffmann have been selected as co-captains of the team for 1940.
TABLE TENNIS CLUB

THIS year a new sport was added to the varsity activities at N. C. E. The Table Tennis Club, which has been in existence only two years, was officially recognized by the Athletic Association. Under the leadership of President Joe Siciliano, the club has won four of the five matches played to date. At this writing there are still several matches yet to be played. Through the aid of the Athletic Association, the N. C. E. T. T. C. has become a member of the National Table Tennis Association and the Essex County Intercollegiate League. The league matches start in February. The members of the team are: Lawrence Girard, Joseph Siciliano, Joseph Shefrin, Douglas Hiley and Gene Turnbull. Girard, Sicilian, Hiley and Turnbull were sent to the Princeton Open Tournament, where they won two of the five matches played.

<table>
<thead>
<tr>
<th>N.C.E.</th>
<th>OPP.</th>
</tr>
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<tbody>
<tr>
<td>Newark University</td>
<td>6</td>
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<tr>
<td>Essex Jr. College</td>
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<td>Newark University</td>
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<td>Newark Jr. College</td>
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<td>Newark University</td>
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During this, the second year, in the life of our cheering squad, the boys have instilled a fine spirit in the students of N. C. E. Their enthusiasm spurred on the member of our team "to play to win," regardless of all obstacles. They actually cheered our team to victory. No matter how gloomy the outlook was, the cheerleaders, with smiling faces, got on the floor and cheered until their faces changed color and their voices became hoarse.

Bill Hassall, Hank Warde, George Fusner, Wes Brush, Ralph Struever, and Al Culver have brought confidence, enthusiasm, and victory to Coach Bauder's lads. Moreover, they have encouraged the N. C. E. men to display their school spirit on every possible occasion.
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