Engineer
In
Orbit

Walter M. Schirra, Jr., a Navy Commander and native of Hackensack, New Jersey, attended Newark College of Engineering before he entered the United States Naval Academy, from which he graduated in 1945. He received flight training at Pensacola, Florida. As an exchange pilot with the U. S. Air Force 154th Fighter-Bomber Squadron, he flew ninety combat missions in Korea.

Commander Schirra was one of the original seven astronauts named by NASA in April of 1959.

On October 3 he flew a six-orbit mission on his “Sigma 7” Mercury spacecraft. His flight plan differed significantly from those of the two previous missions primarily because of the greater emphasis placed on the engineering aspects of the flight. He used the automatic stabilization and control system to perform successfully the retrofire and re-entry maneuvers. The landing was four nautical miles from the recovery carrier.

On December 15 and 16, Commander Schirra was the command pilot of the history-making Gemini GT-6 flight, which performed the first rendezvous of two-manned maneuverable spacecraft with the orbiting GT-7. At times the two crafts were within one foot of each other, attesting to the remarkable skill with which Commander Schirra and his co-pilot handled their craft. Such skill in piloting has shown Commander Schirra to be one of the best of the Astronauts. He has been chosen as a Command Pilot for future-manned space exploration.

Special Awards:
Commander Schirra received the Distinguished Flying Cross and two Air Medals for his Korean Service; the NASA Distinguished Service Medal and the Astronauts Wings; a second NASA Distinguished Service Medal and the NASA Exceptional Service Medal for Gemini 6.
The Challenge of Space

In 1957, the world was ushered unexpectedly into the space race. Only a few far-seeing engineers and scientists might have predicted that just ten years later we would stand ready to approach the moon and beyond.

While they dreamed of the stars, others envisioned a modern campus to provide the technical people necessary for the conquest of space. Hundreds of graduates have left Newark College of Engineering since 1957. In many ways, they have contributed to the giant steps forward of our space program.

The challenge of our future space program will require a greater number of young, well-trained engineers: today’s graduates. All branches of engineering find areas of contribution. While the civils are designing landing towers, the electricals will be designing the sophisticated data and control sys-
tems needed in precise space experiments. At the same time, mechanical and chemical engineers will combine their efforts to supply the fuels and engines required to propel the rockets into space. Once in orbit, the astronauts using environmental studies of industrial engineering perform the tasks that will permit others to follow.

To meet this ever-growing demand for well-trained engineers, Newark College of Engineering has revised and expanded its campus and curriculum to provide the best available in professional engineering training. From the halls of our new buildings will come talented engineers who may become the astronauts of the future. A recent request from Eugene M. Shoemaker, Chairman of the Astronaut Selection Committee for NASA, emphasizes the efforts of scientists and induces them to become more than earthbound members of the space team.

Utilizing the techniques of chemistry, mathematics, engineering, and the sciences, engineers and scientists will accumulate a growing body of knowledge of the solar system. To aid this search, NASA wishes to enlist engineers as astronauts.
To the Class of 1967:

Your theme for this year's Nucleus, "Engineering Enters Space," is a timely reminder to every member of the graduating class that we are entering upon a new era in engineering which will see advances in the very near future of such dramatic and far-reaching character as literally to stagger the imagination.

The past ten years have laid the groundwork of space technology. It is a significant fact, to prove the validity of the point, that Russia's original Sputnik was launched in October of 1957, almost exactly a decade ago.

The next ten years will profit from the groundwork of recent history in such a manner that engineering itself will become more and more highly sophisticated and consequently more and more demanding upon your talents. This will inevitably be true whether your individual careers develop directly within the disciplines of space technology or within the countless other disciplines developing under the auspices both of industry and government. We have come a long way, indeed, from the old methods and attitudes that were sometimes known as "handbook engineering."

These new developments -- and the pace of these developments -- will mean for each and every one of you opportunities of a magnitude and sophistication that never existed before. They will also mean an attention to continuing education, in whatever specialties you find yourselves, that will be rigorous, demanding and unending. The single word that seems to sum it up best is "challenging."

You have had a fine basic education at Newark College of Engineering which has prepared you well to enter the challenge of the new decade. Your faculty and administration are proud of your past accomplishments, and look forward to your greater accomplishments in the future.

My heartiest congratulations and best wishes to you all!

Cordially yours,

[Signature]

President
Like, Quo Vadis

New sliderules in shiny leather cases, piles of new books: chem, phys, math, E.G. with pencils falling out of that blue cardboard box and careful! don't smear that drawing, it took me all night... was that the second bell? excuse me, I'm lost, which way is Weston Hall, you see I'm... a freshman.

Stress-strain: as on beams, as on students, as on... all night with cold coffee at the bottom of the cup and three chapters to go at one in the morning or you don't pass the mech test so compute the force that... keeps me dreaming: I will be an engineer and a good one and there's only two years to go when you're... a sophomore.

Junior year—professional department, departmental standing... four year man, five year man... junior man with senior ring and professional society pin and hey! next year it's all over, next year we'll be...

Seniors! Has it been four years? must have been, look how young the freshmen are coming out of the new buildings... wonder if they appreciate how long it took us to watch those buildings go up... stone by stone, year by year: new buildings, new seniors looking out over a new campus... into a new future. our future, we will build it.
Honorable Richard J. Hughes
ADMINISTRATION
Since his appointment as Vice-President in 1959, Dean Hazell has been active in improving the curriculum, planning faculty recruitment, supervising the construction, and maintaining the college image. The Dean feels that the college must experience a pattern of constant planned growth.

While dealing with the everyday problems of administration and student services, he projects ahead five years to the needs of a Newark College of Engineering with four thousand full time graduate and undergraduate students. He predicts that county colleges will increase the size of the junior and senior classes which will demand additions in the way of faculty and equipment. The curriculum will be modified to permit greater selection of electives.

Apportionment of funds to satisfy requirements of students and faculty necessitates considerable thought. As Vice-President, Dean Hazell becomes the focal point for many lines of responsibility. By coordinating the inter-school departments, he is exposed to the present and future needs of the individual groups. Thus budget procedures may be applied to academic, research, or student service activities.
The Nucleus would like to extend a welcome in behalf of the student body to Mr. Robert Barth. Dean Barth received his Bachelor of Arts degree from Lake Forest College and later obtained his Master's degree from Ohio University. As Assistant to Dean House, he will serve as freshmen adviser. He is also studying the growing problem of off campus housing.
ALEX BEDROSIAN
ASSISTANT DEAN OF ADMINISTRATION

When applying to graduate school, one must pick a college and then submit a multitude of forms and letters. Dean Bedrosian gave information on scholarships and procedures. Even those troublesome letters of inquiry seemed a little more professional when he added just the right word.

L. BRYCE ANDERSON
ASSOCIATE DEAN OF ENGINEERING

Graduate school looms before many seniors, but which of many should he choose? Consultation with Dean Anderson often indicated choices that would best fit their abilities and ambitions. He also conducts a program for juniors to acquaint them with the opportunities and additional skills provided by graduate school.

Dean Anderson has recently become the Chairman of the Graduate and Undergraduate Curriculum Committee. Changes will be made by this group to delete courses which are now outdated and to add subjects of benefit to the modern engineer.

Faculty recruiting and development is another of the Dean’s responsibilities. Dr. Anderson endeavors to encourage the faculty to maintain scholarly pursuits and to attract well qualified professors.

Besides his other administrative tasks as Assistant to the President and Vice-president, Dean Anderson teaches several chemical engineering courses.
Alfred R. Austen  
Instructor in Physics

William D. Brower  
Associate Professor in Mathematics

Achille Capecelatro  
Professor in Physics

Armand Berliner  
Instructor in Mathematics

James E. Camp  
Assistant Professor in English

Robert E. Anderson  
Professor in Electrical Engineering

Myra C. Becker  
Assistant Professor in English

Carl W. Carlson  
Professor in Chemistry

Wayne I. Clements  
Assistant Professor in Electrical Engineering
Solomon Fishman
Professor in Electrical Engineering

Paul L. Flatow
Associate Professor in Mathematics

A. E. Foster
Professor in Mathematics

Leonard Fleischer
Instructor in History

Phyllis Fox
Associate Professor in Mathematics

Allan S. Frieze
Assistant Instructor in Mechanical Engineering

Major Robert L. Fruth
Assistant Professor in Aerospace Studies

Leonard Fleischer
Instructor in History

John Galandak
Assistant Professor in Civil Engineering

Hayden B. Goldberg
Assistant Professor in English

Paul H. Goodman
Assistant Professor Electrical Engineering

Harry J. Gerecke
Instructor in Mechanical Engineering
Robert C. Gordon  
Assistant Professor in  
Management Engineering

Kurt F. Hafner, Jr.  
Teaching Fellow in  
Electrical Engineering

Deran Hanesian  
Associate Professor in  
Chemical Engineering

Joan Ilivicky  
Instructor in  
Industrial Relations

Paul O. Hoffmann  
Professor in Physics & Mechanics

Paul C. Hausser  
Associate Professor in  
Physical Education

Ronald P. Infante  
Instructor in Mathematics

“It is intuitively casual to the most obvious observer ...”
Patrick P. O'Hara
Instructor in
Engineering Graphics

Joseph J. Padalino
Professor in Electrical Engineering

Captain Henry A. Proctor
Assistant Professor in
Aerospace Studies

John P. Pattinson
Assistant Professor in English

"How big is a degree? Ooo ... about so big."

Harold L. Ratzburg
Instructor in Physics

Eivind G. F. Ramberg
Professor in Mechanics

John Rausen
Assistant Professor in Mathematics
Jay H. Rippetoe  
Assistant Professor in Mathematics

Daniel Reiziss  
Assistant Professor in Physics

James F. Richardson  
Associate Professor in History

Ervine H. Rips  
Associate Professor in Electrical Engineering

Frederick A. Russell  
Distinguished Professor in Electrical Engineering

Robert G. Salamon  
Professor in Engineering Graphics

James M. Robbins  
Professor in Civil Engineering

James R. Sagurton  
Professor in Physics

Frederick A. Russell  
Distinguished Professor in Electrical Engineering

Robert G. Salamon  
Professor in Engineering Graphics

James R. Sagurton  
Professor in Physics
Abraham H. Steinberg
Associate Professor in English

Leonard M. Salarulo
Associate Professor in Applied Mechanics

Arthur A. Shukur
Assistant Professor in Physics

H. Hunter Smith
Professor in Physics

Thomas Spencer
Assistant Instructor in Mathematics

William H. Snyder
Assistant Professor in Chemical Engineering

Clarence H. Stephans
Director of Continuing Engineering Studies

Abraham H. Steinberg
Associate Professor in English

George B. Thom
Professor in Mechanical Engineering

Kenneth J. Tekel
Instructor in Mathematics
You now have ten seconds to graph the average molecular weight of camel fur versus cost of living with the number of students in the room as a parameter.
THE CLASS

of 1967
Honor

Societies
Alpha Pi Mu, the National Industrial Engineering Honor Society, was founded in 1947 at Georgia Tech. The Newark College of Engineering Chapter was founded in 1960. The purpose of Alpha Pi Mu is to confirm recognition upon those industrial engineering students who have demonstrated scholastic proficiency coupled with exemplary character and leadership qualities.
The Highlander Squadron of Newark College of Engineering has been a charter member of the National Arnold Air Society since 1950 when the charter was signed by General James Doolittle, Honorary National Commander. Members are initiated into the society on the basis of scholarship potential and motivation toward the air force.

The society conducts various activities among which are a tutoring program and the annual Military Ball.

Arnold Air Society

Commander ................. John D. Lauher
Deputy Commander ....... Allen Gonsiska
Executive Officer ......... John S. Koval
Operations Officer ...... Arthur Pearl
Administrative Officer .. Charles Pritzlaff
Comptroller ............... Bernard Petrucha
Information Officer ...... Stanley M antel
The Newark College of Engineering Chapter of Chi Epsilon is dedicated to the purpose of maintaining and promoting the status of civil engineering as an ideal profession. Chi Epsilon was organized to recognize the characteristics of the individual civil engineer that are deemed fundamental to the successful pursuit of an engineering career, and to aid in their development.

The Newark College of Engineering chapter of Chi Epsilon, founded in 1958 as the 50th chapter, holds steadfast to the four pillars of principle of Chi Epsilon: Character, Scholarship, Practicality, and Sociability.
The Eta Kappa Nu Association recognizes those members of the electrical engineering profession who have distinguished themselves and their Alma Mater by outstanding contributions to the field of electrical engineering in later life or significant scholastic achievement as undergraduates. Gamma Kappa Chapter, founded at Newark College of Engineering in 1942, in addition to handling induction procedures serves the electrical engineering student body in general by providing tutoring and information services.

The chapter maintains a close contact with the Department, providing assistance in organizing its new facilities, and conducting tours during Open House. Gamma Kappa has also prepared elective course descriptions, including reviews of the text and sample test problems.

Eta Kappa Nu

PRESIDENT ............... JOHN E. AHERN
VICE PRESIDENT ............ ERNEST H. ZERENNER
CORRESPONDING SECRETARY ..............
LEONARD W. SCHAPER
RECORDING SECRETARY .... JOHN W. MYRNA
BRIDGE SECRETARY ........... WALTER S. SIEKERSKI
TREASURER .............. PROFESSOR ROBERT E. ANDERSON
Omega Chi Epsilon, Honorary Chemical Engineering Society, had its inception at the University of Illinois in the spring of 1931. The object of the society, as stated in the national constitution, is the recognition and promotion of high scholarship, original investigation and professional service in chemical engineering.

The Eta Chapter, founded at Newark College of Engineering in 1957, gives recognition in the form of an award to distinguished faculty members and the outstanding senior. As a service to the chemical department, the Eta Chapter has also helped to organize and maintain a departmental reference library in Tiernan Hall.
Omicron Delta Kappa was founded at Washington University under the principle that leadership of exceptional quality and versatility in college should be recognized. Since its founding in 1914, there have been many significant changes in student life. One change that has also been evident in NCE is the remarkable growth of extracurricular activities. Thus in 1950 the Newark Circle of ODK was formed to give recognition to those students who have attained leadership achievement while maintaining high standards of scholarship. To be eligible, the student must exhibit exceptional leadership qualities in a minimum of two areas consisting of athletics, student government, publications, and the fine arts.
Phi Eta Sigma

Phi Eta Sigma, the National Honorary Fraternity for Freshmen who demonstrate high levels of scholastic achievement, was founded at the University of Illinois. The Fraternity realizes the difficult transition to institutions of higher learning and provides a means of recognition for those who surmount the obstacles. Through its tutoring programs for Freshmen, the Chapter at Newark College of Engineering helps others to successfully meet the scholastic demands of college life.

PRESIDENT ............... LOUIS J. SCERBO
VICE PRESIDENT ............ VICTOR BLUE
TREASURER ............... ROBERT KOLIBAS
SECRETARY ............... DENNIS MORGAN
HISTORIAN ............... PHILIP KOHN
SENIOR ADVISOR ........... TOM O'CONNELL

[Image of Phi Eta Sigma emblem]
Pi Delta Epsilon, the National Honorary Journalism Fraternity, recognizes outstanding undergraduate achievement in collegiate publications. Pi Delta Epsilon encourages its members to render service whenever possible and fosters freedom of thought in college press. Members strive to promote interest, to enlighten readers with factual information, and to represent their institution with a distinguished publication.
Pi Tau Sigma is the National Honorary Mechanical Engineering Fraternity. The Newark Tau Theta Chapter was installed at Newark College of Engineering on May 25, 1951. Members are selected during the junior or senior year not only on a scholarship basis, but on their leadership abilities and personal integrity. Pi Tau Sigma wishes to aid its members in a future successful career in mechanical engineering. As such, it will sponsor functions dedicated to fostering growth in the profession. It arranges group meetings with placement officers and provides tutoring in mechanical engineering courses.
The Tau Beta Pi Association, National Engineering Honor Society, was founded at Lehigh University in 1885 by Dr. Edward Higgison Williams, Jr. “to mark in a fitting manner distinguished scholarship and exemplary character as undergraduates in engineering, or by their attainments as alumni in the field of engineering, and to foster a spirit of liberal culture in the engineering colleges of America.”

In keeping with this tradition, 1967 marks the twenty-fifth anniversary of New Jersey Gamma Chapter at Newark College of Engineering which has provided various services to the school and the undergraduate students.
Candidates for Who's Who Among Students in American Universities and Colleges are nominated from approximately 800 colleges and universities. The publication serves to recognize scholarship, participation and leadership in academic and extracurricular activities, citizenship and service to the school, and the promise of future success.
ROBERT L. LIPMAN

GEORGE W. KARSHINA

JOSEPH F. KEEGAL

ALFRED MALFATT

KATHY P. MARTELL

JOANN MARUCCI
"No, I'll cut the ribbon and you mow the lawn."
"Okay! Now you let me throw you when my girl comes in!"
The same chemical engineers who are studying this distillation column could work with a combination of highly explosive materials to propel a giant rocket. Air for breathing purposes must be delivered continuously and purified for re-use later. For astronauts traveling without the protection of spacesuits, heat must be supplied to allow them to work in normal clothing.
"Get offa my chest before I break your fingers!"
"How about that! He did jump."
ALBERT J. BERNI

JOHN J. BRENNAN

JOHN D. CAMERON

ARTHUR J. CARLUCCI

ROGER E. CASTELINE

ROBERT W. COSTANZO

LILLIAN T. Cymbala
GEORGE J. FINDURA  ARNOLD V. FISH  ROBERT W. FRASCO

BARRY FRIEDMAN  GARY S. GAJEWSKI

"... She Loves You, Yeah, Yeah, Yeah!"
“Listen, I'd like to say a few words about ... say is anybody listening?”
The complex instruments pictured in a blockhouse prior to the launch of Gemini VI demonstrate the wizardry of the modern electrical engineer. Television cameras and monitoring devices enable constant contact with the occupants of the craft. Every switch and circuit of the thousands required must function if the launch is to be successful.
"Your turn—guess the lecture"
Weightless training is conducted by industrial engineers to simulate the conditions of a space walk. Equipment must be placed within the capsule to permit a minimum number of motions in the confined quarters. Studies must be made to find how humans can function in lengthy periods of weightlessness. Will a returning astronaut retain his coordination and muscle power?
E. L. ANDERSON

EVERETT R. ANDRUS

DAN R. BANDURA

BERNARD E. BARKER

RONALD J. BACSKAI

JOHN JAY BARKLOW
"What a burger! Straight from the cafeteria.

JOSEPH DIMARIA

JOSEPH A. DIORIO

EDWARD W. DITTMAN

LARRY H. DODGE
"Psst! Do you have another lollipop?"
RONALD J. REGN

ALFRED G. REICHLER

I. REMPTER

ARTHUR J. RITTWEGER

ENRICO ROSA

ROBERT K. ROSENCRANCE
"Listen! Take your books along when we go to the drive-in."

MARK J. SCHER

PAUL J. ROSSOTTO

THOMAS F. SCARFONE

STEPHEN A. SCHIFF

JOHN J. SCHAIBLE

PETER ROENDAHL
HENRY A. SCHLIEPER

ROBERT T. SCHMAELING

PETER J. SMITH

ROBERT J. SKAPURA

NIEL E. SNYDER

"When you’re a Jet you’re a Jet all the way ..."

GEORGE G. SOHM
FREDRICK A. VIGGIANO

ROBERT A. WILK

HANS H. WITT

JOHN W. WITKOWSKI

KEITH WOLOS

ROBERT E. ZIEGLER

ANTHONY C. ZWASKIS
PROFESSIONAL SOCIETIES COUNCIL

AMERICAN INSTITUTE OF CHEMICAL ENGINEERS

President . . Richard Cooper
Vice-President . . John Tucker
Secretary . . . Joanne Marucci
Treasurer . . Ronald Istivan

President . Roger Sabanosh
Vice President . Joseph Borg
Secretary-Treasurer . . . Michael H. Wallach
AMERICAN CHEMICAL SOCIETY

President .................... Joseph Borg
Vice-President ............... Ronald Istivan
Secretary .................... Kathleen Martell
Treasurer .................... Fred Ortyl
INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS

President .................................. Roger Sabanosh
Vice President ............................ Pat Parkinson
Secretary ................................. Charles Brady
Treasurer ................................. Clark Gelling

AMERICAN SOCIETY OF CIVIL ENGINEERS

President ................................. Christian Peter
Vice President ............................ Ralph Bruzzichesi
Secretary ................................. Andrew Revera
Treasurer ................................. Fred Demarest
SOCIETY OF AUTOMOTIVE ENGINEERS

President .................... Russell Stompler
Vice President ............... Edward Soltis
Secretary ..................... George Bloeser
Treasurer .................... Larry H. Dodge

President ..................... Lawrence Giventer
Vice President ............... Thomas C. Rawley
Secretary ..................... Daniel R. Bandura
Treasurer ..................... George Hammer

AMERICAN SOCIETY OF MECHANICAL ENGINEERS
SOCIETY FOR WOMEN ENGINEERS

AMERICAN INSTITUTE OF INDUSTRIAL ENGINEERS

President .......... M. L. Arnold
Vice President ... Susan Harrington
Secretary-Treasurer .......... Maggie Mooney

President .......... Barry Schram
Vice President ...... Lee Mund
Secretary .......... Robert Grand
Treasurer .......... Robert Stoltz
ACTIVITIES
APO is more than a fraternity; it embodies leadership, friendship, and service into a vital organ of the school and the community. Its purpose on campus is to provide service to the students and faculty through the operations of a lost and found, a loan service, and a used-book exchange.

For the community, APO conducts an annual Christmas party for the underprivileged children in the Newark area.

Members in the fraternity try to attain personal satisfaction by the desire to help others. Consequently, this national fraternity has become the largest in the country and the first in service.
SIGMA CHI EPSILON SORORITY

CHRISTIAN FELLOWSHIP

Co-President Dan Boyle
Co-President Nelson Malwitz
Vice-President William Carl
Treasurer-Secretary Ken Ambruster
Adviser Dr. Lehmen
President .......... Steve Ohr
Vice-President . Peter D'Amico
Secretary .... Michele Brown
Treasurer . George Newcombe
Advisor ... Professor Johnson

CHI SIGMA DEBATING SOCIETY

NEWMAN CLUB

President ...... Tom Lorenc
Vice-President ............
                Peter Czacharowski
Secretary .. Edward Mayernick
Treasurer .... Hugh Conway
Advisor ...... Prof. Fitzgerald
OUTING CLUB

President ........ Nick Stefero
Vice-President ...... Jeff Knauer
Secretary-Treasurer . Jack Sillman
Advisor .......... Professor Rose

ROD AND GUN CLUB

President ........ Charles Leeder
Vice-President . Ralph Bruzzihi
t Treasurerr ......... Bill Althoff
Advisor ........ Professor Poetz
TEN FATHOM CLUB

YOUNG REPUBLICANS

President .... W. Scudder Jr.
Vice President . Peter Rosendahl
Secretary .... Eugene Papscoe
Treasurer .... Ronald Petty

President ...... Richard Reeves
Vice-President . Mike Calderaro
Crr.
Secretary . . John Di Giacomo
Rec. Secretary . Ken Ambruster
Treasurer .... Philip Marcus
Advisor ........ Mr. Biondi
HIGHLAND RIFLES TRICK DRILL TEAM

HIGHLAND RIFLES I.D.R. TEAM
The Student Council at NCE is a governing organization, composed of members of each branch of Co-Curricular Activities, and devoted to the responsibility of representing the student body.

It is the purpose of the Council to promote student welfare by establishing a liaison between the undergraduates, faculty, and administration, and by stimulating activities, organizations and public relations. The Student Council functions as the legislative and judicial branches of student organizations, and is adviser to all other student organizations. In conjunction, the Council is duty bound to advocate and defend the inherent rights and responsibilities of students, consistent with the principles of academic freedom.

Student organizations at NCE receive financial support by means of the Student Activities fee, which is budgeted and dispensed by the Council. The initiating of new organizations which are beneficial to the student community, is given complete support and once approved, the new groups are eligible for financial backing. With the development of the Operating Board as a committee of the Council, the roll of promoting an activity program has taken on a greater potential which will be exploited in the near future.
President .......... Gerry P. Kurth
Vice President ...... Glenn Francini
Secretary .......... Daniel Popowich
Treasurer .......... Ronnie Porcelli
Student Council Representative .......... George Stramback

class of ’67
class of '68

President ............... Phillip Rinaldi
Vice President ........... Jack O'Brien
Treasurer ................. Jack Lavery
Secretary .................. Peter Madonna
S. C. Representative ...... Gene Flaherty
"It's been a hard night"
class of '70

President ................. David Rodola
Vice President ............. Greg Brown
Treasurer ................. James Caffery
Recording Secretary ........ Mary Confroy
Corresponding Secretary .... Colleen Huppert
S.C. Representative ......... Michael Strange
INTERFRATERNITY

COUNCIL

President .......... Frank Callelo
Vice President ...... Phillip Rinaldi
Secretary .......... Paul Morrow
Editor .............. Jack Shynne
For several decades, fraternities have played an important role in the traditions of Newark College of Engineering. With the increasing enrollment, fraternities will be called upon to play an even larger role in the development of scholarship, leadership training, and socializing. They provide satisfaction to its members through the bonds of brotherhood.

Fraternities are also an excellent area for developing leadership and practicing human relations. The fraternities provide the leadership for most of our campus extra-curricular activities. In the fraternity itself one can develop his leadership potential through accepting positions of leadership and their encompassing responsibilities. He will learn to manage men, to be responsible for making decisions, and to learn how to relate to others which is important in the occupational world. Through a fraternity and its close relationships the student can gain more knowledge of himself and others. These learning experiences can be invaluable to the student after he leaves the college.

Finally, a fraternity offers brotherhood. To the fraternity man it means a close bond of friendship and loyalty between himself and the other members of his group. Brothers help each other with their problems, whether they be personal or academic. These are the men upon whom the brother can rely. In later years as alumni, there will still be a close bond between the individual and the brothers of his fraternity. He will always be welcomed into the homes of brothers and the fraternity house at NCE.

Go Greek!
Alpha Sigma Mu is a social fraternity for veterans of the armed forces. The Fraternity was organized in the spring of 1954 and, since then, has been a hospitable place for all veterans. Here the servicemen acclimate to student life and hash over their service experiences. Throughout the year, the fraternity sponsors skating parties, picnics and a spring dinner dance. Many athletic events are also included as part of the social program.

The fraternal, social and athletic atmosphere of the fraternity is a great aid in attaining a well rounded college education.
President .............. Joseph K. Keegel
Vice-President .... Kenneth R. Macdonald
Treasurer .............. Frank G. Zeely
Recording Scribe ...... Junius Dudley, Jr.
House Chairman ......... Robert Brennen
Social Chairman .......... Arthur Lovell
Corresponding Sec. ....... Peter Bock
We at Theta Chi have felt a real sense of accomplishment and progress in the past year. In the area of scholastic achievement many of the brothers have seen their names placed on the Dean’s list, and also have received citations from the Professional Development Program. Some of our brothers were invited into honor societies in the past year and two were cited in Who’s Who in American Colleges and Universities.

Our progress athletically is evidenced by the fine winning records of the house’s teams. The intramural sports program at NCE also lists a fine representation of Theta Chi’s. The Theta Chi volleyball team advanced well into the final stages of the elimination tournaments.

Theta Chi showed tremendous progress in participation in student government with a number of brothers winning elected positions. The fact that every brother was active in class councils or the various clubs indicated a definite growth in the role that Theta Chi plays in the activities of NCE.

The social calendar of the past year provided many events and certainly many moments which will stand out in our memories. The Friday night parties, theme parties on Saturday nights and the Founders Day Dinner Dance all add up to make our social calendar outstanding. Beach parties, ski trips to Vermont and a canoe trip down the wilds of the Delaware gave the brothers an opportunity to prove their prowess as outdoorsmen.

In retrospect, we at Theta Chi feel that the progress we have made fosters the true sense of fraternalism among the brothers and also is indicative of our motto “Alma Mater first, and Theta Chi for Alma Mater.”
President .................. John Neyer
Vice-President ............ Ralph Trallo
Secretary .................. James Leimkuhler
Treasurer .................. James Tosso
Marshall .................... Joe DeFuria
Chaplain .................... John Puchis
Historian .................. Glenn Francini
First Guard ................ James Ward
Second Guard .............. William Kabis
Assistant Treasurer ....... E. Patrick Storey
Since its beginning, five years ago, Iota Kappa Phi's theme has been one of constant growth and improvement. From its start in a small store front on Warren Street, Iota Kappa Phi has grown to a well respected member of the fraternal community of Newark College of Engineering.

The fraternity house, which the brothers own, is located on High Street, opposite St. Michael's Hospital. Much hard work and ingenuity have been required to transform the house into a respectable building with a true fraternity atmosphere.

The brothers have also devoted their efforts toward active participation in each of the IFC sports activities. These teams have always performed with a determination to win, demonstrating true fraternal spirit.

Since its beginning, the brotherhood has won numerous awards, among them, an IFC talent show award, and the IFC's "Most Improved Fraternity" award. The spirit and enthusiasm which helped win these awards cause an Iota Kapp man to stand out as a leader, a true man among men.
President ............... John D. Lauher
Vice-President .......... Richard L. Burrell
Secretary ............... George C. Via
Treasurer ............... Robert D. Derner
Pledge Master ........... George C. Mazzeo
Social Director .......... Paul N. Tobia
Athletic Director ........ Arthur I. Pearl
House Chairman .......... Neil E. Snyder
Historian ............... Ralph J. Beuzzonesia
Kappa Xi Kappa's thirty-five active brothers (and one dog) bend all their ingenuity toward making Kappa Xi a viable part of NCE life. Since its inception two years ago, the College's only fraternity on University Place has made its presence strongly felt in interfraternal sports, contests, and NCE's extracurricular life.

This year has been an important one for Kappa Xi. The brothers are involved in an expansion program, as well as a search for new and larger facilities. Feelers have also been sent out to several national fraternities espousing the same ideals of brotherhood, scholarship, and service that guide Kappa Xi.

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During the week there is never a dull moment for the live-ins at the chapter house. The highlight of this season was our apprehension of three car thieves.

Sigma Pi placed high on its lists of ideals the importance of scholastic achievement and the participation of its members in the extracurricular activities at NCE.
Sage ............... Christian H. Ziegler
First Counselor .... Robert K. Rosenerance
Second Counselor .... Donald M. Hancock
Third Counselor ...... Eugene K. Flaherty
Fourth Counselor .... Thomas C. Rawley
Herald .............. Daniel R. Bandura
Assistant Treasurer .... Michael Behrens
Tau Delta Phi continued to be one of the leading fraternities on campus this year. The spirit aroused for the football season and especially for the traditional rivalry carried over to make the blue and white prominent in sports. The brothers supported each school function with the same enthusiasm as any fraternity function, as can be proved by the trophies which adorn the fireplace. Individually many brothers won recognition. Upperclassmen pledged their respective departmental honor societies, and several brothers were named to Who's Who in American Colleges and Universities. At the National Convention Tau Epsilon Chapter won recognition for their outstanding efforts. But, far and away, the most important recognition came from the brothers themselves for their founders and alumni at the Twentieth Anniversary Formal held in April. Undergraduates and alumni paid tribute to the spirit that molded them into men and will continue to guide them as long as they live, the spirit of fraternalism.
He shall not want
As long as I breathe,
For he is my brother.

Consul ................. John A. Krayesky
Vice-Consul ............ Robert E. Kolibas
Custos ................. Dominic B. Carrino
Quaestor ............... John R. O'Brien
Pledge Master .......... Harry J. McCabe
Editor .................. Charles J. Foley
Historian ............... Steven M. Rohde
Recording Scribe ....... Paul J. Wiener
Alumni Scribe ........... Robert Ford
Corresponding Scribe ... Gary R. Mirsky
Steward ................. John H. Dluzniewski
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They also hold their scholastic responsibilities high, as their purpose is to get an engineering education.

The brothers always strive to live up to their creed which emphasizes: “To live in the light of friendship, to walk in the path of chivalry, and to serve for the love of service.”
President .......... John D. Lauher
Vice-President .......... Richard L. Burrell
Secretary .......... George C. Via
Treasurer .......... Robert D. Derner
Pledge Master .......... George C. Mazzeo
Social Director .......... Paul N. Tobia
Athletic Director .......... Arthur I. Pearl
House Chairman .......... Neil E. Snyder
Historian .......... Ralph J. Beuzzichesi
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Vice-President ........ Brian G. Kiernan
Treasurer ............... John Cunningham
Secretary ............... Russell Smith
Historian ............... Robert Perrone
Social Committee ....... Ray Hornig
House Committee ....... Barry Melnick
Rules Committee ......... Delfin Dias
Pledge Committee ....... James Sowerbrower
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Treasurer . . . . Raymond A. Srnelli
Secretary . . . . . John A. Shynne
Warden . . . . . . Thomas E. Pardew
Historian . . . . . John V. Lavery
Chaplain . . . . . Edmund J. Mooney
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Dennis Hoskins
Donald Le Wand
William Thomas

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Nucleus '67

RONNIE R. PORCELLI
Editor-in-Chief

MARY ANN P. WIECERZAK
Business Manager
GLENN L. FRANCINI

Assistant Editor
"I think I hurt myself ..."

"Me too!

Editor-in-Chief ............... Ronnie Porcelli
Assistant Editor ............... Glenn Francini
Business Manager ............. Mary Ann Wiecerzak
Literary Editor ............... James Stewart
Layout Editor ................. Harry McCabe
Adviser ....................... Dr. Herman Estrin

STAFF

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Clubs ......................... Barry Ross
General ....................... Charles Hansen
                        Arnold Manaker
                        Steven Schiff
Fraternities ............... Frederick Becker
                        Christian Ziegler
"Well, I think this wash definitely looks whiter!"
This year's NCE soccer team was once again a brilliant success. However, this came as no surprise since Coach J. Malcolm Simon's squad was over abundantly laden with talent.

There was Myron Bakun who enough about cannot be said. He not only repeated his All American and All East honors, but he became the first NCE player to make All America first team.

There was goalie Pete (Shutout) Jansons who was simply outstanding in the nets for NCE. He was voted the team's most Valuable Player award while also receiving All East Honorable mention recognition.

There, too, was Gundar Richters who also made All East honorable mention. However, he is only a Junior and will serve as tri-captain next year with stalwarts Paul Tubbs and Joe Sestillio. Thus the immediate future of NCE's booters is left in most able hands.

Who can forget the steady, hard-nosed play of Angelo Pompeo and big Oleg Moiseenko who along with Bakun tri-captained this year's squad. The inspired play of Pompeo and Moiseenko was instrumental in earning the NCE team a reputation for its tough and aggressive defensive antics.

There were the goals by Anthony Baeta, Roman Skripkus and Mich Kachmar, and there was the play of Harry Habermas, Sal Scardigno and senior, Gerry Kurth who rounded out the NCE attack.

Although our players will always remember how they faltered in that big game against Trenton State, they will remember too, the overwhelming sense of pride and team coherence that Coach Simon instilled in them. Truly, had it not been for this, they would have remained throughout the season the same ineffective team which took the field that first day against Navy.
In the Heat of Action

Bloomfield College 0 NCE 7
Montclair State 0 NCE 6
Trenton State 0 NCE 1
FDU, Madison 1 NCE 2
Seton Hall Univ. 0 NCE 5
Pratt Institute 3 NCE 4
East Stroudsburg State 0 NCE 2
Stevens Tech 1 NCE 3
Hartwick College 1 NCE 0
Nyack Mission 4 NCE 2

(NAIA Playoffs)
THE SENIORS
The 1967 edition of NCE fencers is led by senior co-captains Bruce Killy and Oleg Moiseenko. Killy is a poised four year veteran with an enviable style who this year has been forced to switch from foil to epee' since George Potoczniak and Stan Karmizen were lost to this year's team through graduation.

Moiseenko and seniors Rudy Rosenfeld, John Spina, Joe Potoczniak and Manny Polizzi have proven to be a most capable and consistent group of swordsmen. In particular, Rosenfeld and Spina specialize in a flashy, but fierce offensive tactics.

Coach Paul Hausser has had a winning fencing team for 14 consecutive years, and with his hard-working close-knit 1967 forces who have a distinct pride in themselves, this year should be no exception.
Graduation hit the NCE cager's hard last year as the team lost perennial stars Richie Schroeder and Jack Walsh. Gone too, for 1967 was coach Joe Fitzgerald who turned over the guiding reigns of NCE basketball to Lou Torcicollo.

However, the NCE hoopsters were not to be denied as new stars arose to replace the old. Coach Torcicollo did a fine job in his first year as he guided NCE to a 10-8 season and a third place finish in the holiday tournament.

6'7" Richie Olsen remained a tower of strength both offensively and defensively for the Engineers. This year he received lots of help, however, as Ben Gazdowicz and Bob Mulder also displayed fine shooting and strong rebounding. Big Bob Kivitt also did a commendable job off the boards when he saw action.

Tom Gawley continued his impressive play in the backcourt along with his cohort "shuffle guards", George Stramback, Terry Bergen, John Buchanan and John Heath, all of whom displayed some fine ball-handling and aggressive defensive work. The basketball maturity of Terry Bergen was finally manifested as his play was a most pleasant and welcome surprise this year.

The brilliant play of newcomers Joe Galvao, Steve DeSteno and John Bober as they came off the bench to inspire many a rally leaves the NCE cagers in sound shape for the future.
<table>
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<th>Institution</th>
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<td>Jersey City State</td>
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<td>F.D.U. Madison</td>
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<tr>
<td>Bloomfield College</td>
<td>70</td>
<td>NCE</td>
<td>70</td>
</tr>
</tbody>
</table>
Bob gets two ... 

... so does Terry!

Introducing the starting five
THE SENIORS

SENIOR CHEERLEADERS
NCE's varsity nine is led this year by seniors George Strambback, Jack Yadvish, and Bob Ziegler. However, it is with basically a young team that Coach Paul Hausser is forced to deal with his opponents, for inexperienced personnel is his biggest opponent of all.

NCE's baseball forces have virtually almost always outhit its foes and this year's offensive attack is true to NCE tradition. Along with the trio of Stamback, Yadvish, and Ziegler, all of whom are four year veterans, such "stickers" as Dave Robinson, Jerry Rozanski, and George Kiemle form a potent NCE lineup.

Although pitching has always been a perennial problem of Coach Hausser's, fireballing Big Jim McDonald and curve ball artist Steve Schieni handle the bulk of this year's hurling assignments with competence for the Engineers. Waiting in the wings should the front-line pitching falter are relief specialists Bill Rivera and Steve Zapoticzny.

The 1967 Varsity Baseball Team is one of which NCE can be proud. It proved to be a close-knit bunch of hard-working young men who wore their red and white colors well. Consequently, when the smoke had cleared and the season had ended, the NCE nine had indeed tasted its share of victory.
Rounding first

Co-Captains Jim and Dave

Scooping up the ball...
GEORGE STRAMBACK

Sizing up the situation ...

Now this is what we're going to do ...
Jim takes over ...

Lay it down on the 2nd pitch ...

BIG JIM McDONALD

Jim takes over ...

BOB ZIEGLER
Judo has finally emerged as a varsity sport of prominence at NCE through the
guiding efforts of its charter members who were lost to the team last year through
graduation. Gone are Ray Kasbarian, Gene Sheninger, Paul Meade and Harry
Stoll to whom we remain grateful.

Now in its fourth year at NCE, the Judo team is unique in that it is not limited
to inter-collegiate competition but also exists for those students who wish to partake
in physical activity and who want to learn some finer aspects of self-defense.

The Judo group is led by the expert instruction of Coach Yoshisaoa Yonezuka who
is a former varsity captain of the champion Nippon University team. His dedicated
leadership was recently rewarded when the team became East Coast champs.

JUDO
OH, IT AIN'T

NECESSARILY SO!
"Maybe I should put my jacket on."
Awrigh! The first mug what steps outa line . . .
So I asked her, "What's wrong with the way I'm dressed?"

"And you can see how we, ha-ha, can't help but find you guilty"
Ha-Ha!

Yoo-hoo! Mister! Can I have a fortune cookie too?
So that's what a physics test looks like.

"There's nothing like a Lark."
"For the last time—It's not my cup."

"Wait! I know it! Uh, I=ER, Right?"

"What do you mean will I write on the top of the board?"

"Wait! I know it! Uh, I=ER, Right?"

Class of '65
"You load 16 tons and what do you get."

"The name of the man who shot me was Choke. Arrgh!"
This is TWA Flight 218, sir! Nice to have you aboard!
I still like "Playboy's" brochure best.
Bubble; bubble; toil and trouble, now to add the malt.

Ikky! Someone put a worm in your French fries!
AHERN, J. E.—1966-67 President of Eta Kappa Nu, Tau Beta Pi IEEE member.

ALLEN, JOHN, LOWELL—IEEE member

ANZALONE, ROBERT—Alpha Phi Omega, Alpha Pi Epsilon.

ASKINS, WILLIAM—Assoc. Editor of the Transit, Chi Epsilon, Tau Beta Pi, Photo Club, Rod and Gun Club, Alpha Sigma Phi (Social Chairman, Marshall, Pub. Relations Chairman), ASCE.

BACSKAI, RONALD—Football, volleyball, basketball, Tau Lambda Chi (Athletic Chairman) ASME, "ROTC", Highland Rifles Trick Drill Team, Commander of Highland Air Commandos.

BAHAM, PAUL—Alpha Sigma Mu

BAKELAAR, ROBERT—IEEE member.

BAKOS, ROGER—Basketball, Vector, Photo Club, ASCE.

BALDINO, JOHN—ASME and IEEE member and S.A.E.

BANTA, THOMAS—Ski Club (Chief skier) ASCE member.

BARD, DONALD—Programs Committee, Section Repre. (1st & 2nd semester) Tau Beta Pi, Chi Epsilon, ASCE member, Professional Development Program.

BARON, MARK—Class Council (4½ semester) IEEE member.

BAUER, WILLIAM—IEEE Ch. Advisory & Ch. Public Relations.

BEAULIEU, CARL—Class Council Representative, IEEE member, Theta Chi (Librarian), Ten Fathom Club

BEINER, RICHARD—Section Repre. (Student Council), JV Soccer, Football, ASME member.

BERNARD, JR., LAWRENCE—Basketball, Softball, Football.

BERNI, ALBERT—Tau Beta Pi, Eta Kappa Nu, IEEE member.

BENE, ANTHONY—Basketball, Football, ASCE member.

BERNSTEIN, HARVEY—Student Council, Bowling, Basketball, Orbit, Vector, Class Council, V.P. of Honor Soc. Council, Pres. Chi Epsilon, Tau Beta Pi, Who's Who, Tau Epsilon Phi (Historian) and ASCE (Section Representative).


BLAZO, JOHN—ASME member.

BOEHLER, ROBERT—Varsity Soccer, ASCE member.

BOGART, WILLIAM—Basketball, Class Council (Sec. Rep.) ACS member, AIChE member.

BONADUCE, GEORGE—AIIE and IEEE member.


BORZELLI, RICHARD—Phi Eta Sigma, ACS (Section Rep. & Regional Delegate), AIChE, mem.

BOYLAN, MATT—Ath. Assoc. (Intercol.) ASCE and ASME member.

BRADY, CHARLES—IEEE (Branch Sec.) SAE member.

BRENNAN, JOHN—IEEE member.

BRESLIN, JOSEPH—Student Council Intramural Basketball, Bowling and Football, ASME member.

BRIGHAM, EMERSON—Intercol. Judo (V.P.) Intramural Basketball and Volley ball, Orbit, Vector (Photo Editor) Alpha Sigma Mu, ASME member.

BRODKA, ALBERT—Student Council, Intramural Basketball, ASME member.

BROWNE, MICHAEL—Student Council, Intercol, Basketball (J.V. and V.) Baseball, Intramural Softball and football, Tau Lambda Chi, ACS and AIChE member.

BRUZZICHESI, RALPH—Intercol, Basketball, Softball and Intramural Football, Class Council (Sec. Rep.) Rod & Gun (V.P.), Iota Kappa Phi (Historian, Ath. Dir., House Dir.) AIIE (V.P.) ASCE (Metropolitan Section Rep.)

BUCKALEW, GREGORY—Intramural and ACS member.

CALDERARO, MICHAEL—Class Council, Young Repub. Club (V.P.) AIIE member and SAM member.

CAI, FRANK—Student Council, Intramural Volley Ball, basketball, Class Council, Tau Epsilon Phi (Pres.) ASme member and SAM (Tres.)

CAMERON, JOHN—IEEE member and Camera Club.

CARLQUIST, ROBERT—Pi Kappa Phi, ASME member.
"Nope. Hit it again. Mighty unusual walnut if you ask me."

"No, Stupid! That's no way to tie your shoes."

"I'd still rather watch the Green Hornet!"

"G'wan! Get outa here with those golf clubs!"

"Nope. Hit it again. Mighty unusual walnut if you ask me."

"No, Stupid! That's no way to tie your shoes."
CARRINO, DOMINIC—Finance Committee (Treas.) J.V. Basketball, Intramural, Class Council (Repre. & Soph. Class Council Soc. Chairman) Who's Who, Ski Club (Chairman—Planning Committee) Tau Delta Phi (Custos) ASCE (Social Chairman) I.F.C. Basketball, Baseball and Football

CARSON, KENNETH—SAE member.

CARTER, ROBERT—Pi Tau Sigma and Tau Beta Pi, Outing Club (Pres.) Ski Club, ASME member, Saturnalia (Co-Chair.)

CARTY, CLAUDE—AIIE member.

CASSIDY, DENNIS—Chi Epsilon, Alpha Sigma Mu, ASCE member.

CASTELINE, ROGER—Eta Kappa Mu, IEEE member.

CATLIN, DAVID—Intramural, Class Council, ASME member.


COOPER, RICHARD—AIChE (President)

DECKER, THOMAS—ASME member.

DE FALSO, JAMES—Ski Club and ASCE member.

DEHART, JR., CARLTON—Student Council, Intercol. Judo (Var.) ASME and SAE member.

DELISKY, WILLIAM—Class Council (Repre.) Interfra. Council (Past Historian) Tau Epsilon Phi (Vice Chancellor) ASCE member.

DENNIS, GEORGE—Chi Epsilon (Pres) Tau Beta Pi, Alpha Phi Omega (Pres.) and (Sec'y), NCE Outing Club, ASCE member Saturnalia (Co-Chairman).

DEL VECCHIO, FRANK—Student Council (Repre.) Intramural Basketball and Bowling, Class Council (Trip) IEEE.

DENTE, JOHN—Intramural Basketball Professional Develop. Program. Dean's List.

DI MARIA, JOSEPH—ASME member.

DITTMAN, EDWARD—Tau Lambda Chi (Pledge Com. Treas.) ASME (Sec. Representative.)

DITTRICK, FRANK—Interfra. Council Iota Kappa Phi, ACS member.

DONOVAN, ANDREW—Intramural Basketball and Softball, Air Force ROTC Drill Team, IEEE member.


ELMORE, ARNOLD—Intramural Basketball, Football (Captain), Class Representative.

ELMY, ALAN—Student Council, Intramural Football and Softball. Class Council, ASME member.

FALCON, RICHARD—Class Council & IEEE member.

FARREAU, ROBERT—ASME member.

FEIGENBOUM, MAURICE—Student Council, Intramural Basketball. Class Council, Alpha Pi Mu. AIEE member.

FEHRE, EDWIN—ASME member.

FINLAY, RICHARD—Alpha Sigma Mu and ASCE member.

FLEMING, MARTIN—Intramural Basketball, Football (Co-Captain) Class Council (Sec't. Rep.) ACE and AIChE member.

FRANCINI, GLENN—Intermural Volleyball, Asst. Editor Nucleus '67, Class Council (V.P. & Comm. Chairman), Who's Who, Ski Club (Repre.) Theta Chi Repre. (Historian) ACE (Sec. Repre.) AIChE. member, Pi Delta Epsilon Prof. Dev. Program.

FREDERICK, ROBERT—Alpha Pi Mu (Treas.) AIEE member.

FRIEDMAN, BARRY—IEEE member

FRIEDMAN, JEFFREY—Intramural Baseball, Class Council.

GAJEWSKI, GARY—Intramural Baseball, Football. Class Council & IEEE (Rep.)

GALGANO, VICTOR—IEEE member.
GAWLEY, THOMAS—Intercol. Basketball (Co-captain) Pi Kappa Phi, ASCE member.

GAWLOWSKI, JOHN—Intramural ASME member.

GAZDOWICZ, BENJAMIN—Ath. Assoc. (Sec.) Basketball Intercol. (Captain), Varsity Club, Pi Kappa Phi, ASME member.

GEOGHAN, ROBERT—IEEE member, Professional Dev. Program.

GERMANIO, BERNARD—ASCE member (Sec. Rep.) (Sec. Repre. to metropolitan section), Professional Dev. Program.

GILCHRIST, ROBERT—Intramural Class Council, Iota Kappa Phi (Social Director) ASME member.

GIVENTER, LAWRENCE—Class Council (Repre.) Phi Eta Sigma, Pi Tau Sigma (Pres.), Tau Beta Ji (V.P. & Chairman of Teacher Eval. Comm.) Who's Who, AIAA (V.P.) ASME (Chairman—Pres.), Prof. Soc. Council, NCE Prof. Dev. Prog.

GOLDSTEIN, SAUL—IEEE member, Research Asst. in Medical Electronic Lab.

GOULD, RONALD—Class Council, Tau Lambda Chi.

GREENSPAN, STEPHEN—Intramural Softball, Class Council, Tau Beta Pi, Eta Kappa Nu, Phi Eta Sigma, IEEE member, AIAA member.

GREGIOVICH, RONALD—ASME member.

GURRISI, CHARLES—ASME member.

HADDAD, RICHARD

HALKOWICH, RICHARD—Orbit, Class Council, Interfra. Council, Phi Lambda Sigma (Treas. & President), AIIE member.

HANSEN, CHARLES—Nucleus '67, Class Council (Sec. Repr.) IEEE member, Co-Chair. Computer Dance Comm.

HARRINGTON, SUSAN—Intercol. Cheerleading, Class Council, Pi Tau Sigma (Recording Sec.) Tau Beta Pi, Sigma Chi Epsilon (V.P. & Sec.-Treas.) ASME member, SAE member, Society of Women Eng. (V. Chair.)

HARRIS, F. DAVID—

HASSELKUS, WILLIAM—Intramural, Class Council.

HASULY, FRANCIS—AISE member.

HOINOWSKI, EDWIN—Student Council, Class Council, IEEE (Feedback Comm. Chair.) & (Feedback & Comm. Communications Chairman.)

HOLZER, ERICH—Class Council (Sec. Rep.), Kappa Xi Kappa, IEEE member.

HORVATH, RICHARD—Alpha Sigma Mu, ASCE member.

HUMENIK, ROBERT—Pi Tau Sigma, ASME member, Rod & Gun Club.

HUYSKMAN, FRED—IEEE member.

IANNICELLI, JR., ANTHONY—Class Council (Sec. Rep.), Tau Epsilon Phi, ACS and AIChE member.

INDAHL, GEORGE—Intramural Bowling, Football & Softball, Tau Beta Pi, Pi Tau Sigma, Rod & Gun Club, ASME member, Nucleus '67.

ISTIVAN, RONALD—Intramural Softball, Class Council (Sec. Rep.), Tau Beta Pi, Omega Chi Epsilon (Pres.), Phi Eta Sigma, ACS (V.P.) AIChE (Treas.)

JENNE, MAX—ASME member and SAE member.

JENSEN, KENNETH—IEEE member.

JENTSCH, WILLIAM—Intramural Volleyball, Ski Club, (V.P.), Theta Chi (Librarian), ASME member.

JOHNSON, GERALD—ASME member.

JOHNSON, JOHN—Class Council (Sec. Rep.) & (Sr. Weekend Comm.) Ten Fathom Club, & Theta Chi.

JULIANO, THOMAS—Pi Tau Sigma, ASME (Sec. Repre.) SAE (Chair. Equip. Comm.)

KALFUS, MARTIN—Tau Beta Pi and Eta Kappa Mu, IEEE member.


KARSHINA, GEORGE—Intramural Basketball and Softball, Alt. for Class Council, ACS and AIChE member.

KASEN, BRUCE—Intramural Basketball, AIChE member.

KATZ, ARIA—Student Council (Rec. Comm.) Intramural Softball, Paddle ball, Ping Pong, Class Council, Inter Club Council (V.P., Alpha Phi Omega (Treas.), IEEE member Outing Club, Shalom Club (Tr.) Ping Pong Club

KAZANOWSKI, LEO—Pi Tau Sigma, Tau Beta Pi, ASME member.

KEEGEL, JR., JOSEPH—Vector (Columnist—"Opinionated Observer") Alpha Sigma Mu (Pres.) ACS & AIChE member.

KELLY, GEORGE—AIE member

KILLILEA, DANIEL—Student Council, Class Council, Phi Eta Sigma, Pi Tau Sigma, Interfra. Council, Alpha Phi Delta, ASME member.

KLOMAN, LESLIE—J.V. Basketball & Intramural Basketball, class council, ASCE member.

KOROLYSHYN, BOHDAN—Intercol. Judo, ASME member.

KOVAL, JOHN—Honor Soc. C. (Sec’y), Tau Beta Pi, Phi Eta Sigma, Arnold Air Soc. (Ex. Officer), Kappa XI Kappa

KOZLIK, ROGER—ASME (Sec. Repre.).

KRAYESKY, JOHN—Class Council (Sec. Repre.) Tau Beta Pi, Pi Tau Sigma (Treas.) Who’s Who, Interfra. Council (Pres.), Tau Delta Phi (Treas.) ASME member, Prof. Dev. Program & Dean’s House List ’64-67.

KRYSIAK, WILLIAM—Pi Tau Sigma, Tau Beta Pi, ASME member.


LAUHER, JOHN—Intercol. track team, Intramural basketball, baseball, volleyball (captain), Class Council (Sec. Repre.) Arnold Air Soc. (Compt., Dep. Commander, Commander) Who’s Who, IFC Rep. Iota Kappa Phi (Pledge-master & President) ASME (Section Repre.) IEEE member, A.F. ROTC Band (Drum Major) ROTC Cadet Corp, Commander, Dist. Military Cadet, Honor Soc. C. (Sec.) F.C. Football.

LEHBERGER, CHARLES—Intramural Tennis Director, Class Council (Repre.) Interfra. Council, Sigma Pi, ASME (Programs Comm. Chair.), Ski Club, Ten Fathom Club.

LEIMKUHLER, JAMES—Intramural Basketball & Volleyball, Vector (Staff) Class Council (Sec. Repre.) (Chair. Sr. yr. events comm. & Sr. Faculty Dance) Pi Tau Sigma (Nat’l. ME Honor Fra.) Ski, Photo & Numan Clubs, Interfra. C. (Sec.) Theta Chi, ASME member, F.C. Sports Basketball, football, softball, Prof. Dev. Program.

LEPOVSKY, PETER—Phi Eta Sigma Honor Soc., Prof. Soc. Council (Sec. Repre.) ASME member, Sigma Pi Fraternity.

LEVIN, HARVEY—Intercol. Fencing Team, Class Council, Varsity Club, Kappa Xi Kappa (Chair. Comm. on Nat’l. yr. Sr. & Pledge Comm.) ASME (Repre.)

LeWAND, S. DONALD—Orbit (Staff), Class Council (Sec. Repre.), Radio Club, ASME member.

LIPMAN, ROBERT—Phi Eta Sigma, ACS and AIChE member.

LUZNIAK, GEORGE—Intercol. Soccer Team, Tau Beta Pi and Eta Kappa Nu, IEEE member.

MABEE, WILFRED—Student Council (Class Rep.) Intramural basketball & flag football. Chess Club, Theta Chi, ASCE (Sec. Repre.).

MacDONALD, PAUL—Intramural basketball, IEEE member.

MACIEJEWICZ, ALEXANDER—Intramural flag football, ASCE member.

MACIEJEWSKI, MARTIN—IEEE member.

MALCOLM, JAMES—Intercol. rifle team, Class Council, (Sec. Repre.) Tau Beta Pi, Eta Kappa Nu, Tau Lambda Chi, IEEE Member.

Malfatt, BRUCE—Class Council (Sec. Repre.), ASCE member.

MANTEL, STANLEY—Arnold Air Soc. (Informaion officer).

MARTINO, ANTHONY—ASME member.

MARUCCI, JOANNE—Athletic Assoc. (Treas.), Cheerleading (Captain), Class Council (Corres. Sec., Recording Sec., & Class Rep.) Sigma Chi Epsilon, ACS member & AIChE (Sec.) Glee Club.


McGEE, ROBERT—Intercol. Judo, ASME member.

McWilliams, DAVID—Prof. Societies Council (Sec. Repre.) ASME (membership).

MEDRICK, JOHN—ASME member.

MESSMAN, LEONARD—Phi Eta Sigma, Eta Kappa Nu, IEEE member.

MICHALSKI, ROBERT—IEEE member.
"Doesn't anybody want to play ball?"

I don't care what star you're following, get those camels out of the lounge!

"Why do I always get stuck in the honors section?"
MIGALSKI, JOHN—Sigma Pi and ASCE member.

MILLER, FREDERICK—Kappa XI Kappa IEEE member, NCE Rifle Club.

MILLER, VICTOR—IEEE member, ACM member.

MOOS, JR., WILLIAM—Intramural-Volleyball (Captain), ASME member.

MRAK, ROBERT—Intramural Basketball & Softball, AIIE member, Soc. of Auto. Engrs. (SAE).

MULLER, JOHN—ASCE member.

MYRNA, JOHN—Student Council, Nucleus '67 (Staff), Honor Soc. Council (Treas.), Who's Who, Eta Kappa Nu (Sec.), Tau Beta Pi, Phi Eta Sigma, IEEE (Comm. Chairman), Publicity & Program. Comm.

NAGENGAST, JOHN—Intramural. Class Council (Sec. Repre.) IEEE member.

NELSON, THOMAS—Intramural Baseball (Co-captain) softball, Class Council (Sec. Rep.), Alpha Pi Mu (Sec.), Tau Beta Pi, AIIE, Professional Dev. Prog., Student Repre. to N.J. Chambers of Comm. "Business-College Symposium."

NESTEROK, ALEXANDER—ASME member.


NIEMIEC, JOHN—Pi Tau Sigma, ASME member.

NOWINSKI, EDMUND—Tau Lambda Chi (Pres.) IEEE member.

O'CONNOR, JOHN—IEEE member.

O'CONNELL, THOMAS—Intramural Basketball & Softball, Class Council (Rep.), Honor Soc. (Repre.) Phi Eta Sigma (Pre.) Eta Kappa Nu, Tau Beta Pi, Who's Who, IEEE (Repre.)

OLSEN, HENRY—Intramural, ASME member, NCE Rod & Gun Club.

ORBAN, PHILIP—Student Concil (Sec. Repre.) Intercol. Judo, Class Council (Sec. Repre.) Pi Kappa Phi (House Conditioning Chairman,) ASCE member, Interfra. Softball.

OBITZ, EDWARD—Class Council (Sec. Repre.) Tau Beta Pi, Eta Kappa Nu, IEEE member.


PAGLIONE, ROBERT—Intramural

PAPSCO, EUGENE—Intramural Bowl., Class Council, Ten 'Fathom Club, (Sec.), ASME member.

PAUL, CHARLES—A.S.M.E.

PEARL, ARTHUR—Intramural Softball, Arnold Air Soc. Operations Officer) Iota Kappa Phi (Ath. Director) ACS & AIChE member, Highland Blue Squadron (Exec. Officer)

PEDERSEN, ROBERT—Intramural Softball, IEEE member.


PERRONE, ROBERT—Class Council (Rep.) Kappa Xi Kappa (Historian) IEEE member.

PETTY, RONALD—Intramural Fencing Class Council, Organized Skin Diving (Treas.) Tau Epsilon Phi (Chair. Financial Invest.) IEEE member.

PIETRUCHA, BERNARD—Intramural Basketball, Vector (News Editor) Class Council, Arnold Air Soc. (Controller) Pi Delta Epsilon, Who's Who, ROTC Band (Commander) Kappa Xi Kappa member.

PINTERICH, STEVE—Intercol. Fencing Intramural wrestling, ASCE, Outing, Gym & Photo Club, Rutgers—Doublas Promenaders.

PIOSENGRANCE, ROBERT—Intercol. Fencing, Intramural Basketball, (Capt.) Softball & volleyball. Class Council (Sec. Rep.) Sigma Pi (First Counselor) ASME mem.

PORCELLI, RONNIE—Nucleus (67) (Editor), Class Council (Treas.) Omega Chi Epsilon, Pi Delta Epsilon, Interfra. Council, Tau Delta Phi, ACS & AIChE member, Dean's List 5 semesters.

PRITCHETT, WAYNE—IEEE member.


POHALSKI, DENNIS—Intercol, Bowling (Captain), ASME member.

RAKOWSKI, KENNETH—Intra. Flag Football, ASCE member.

RAND, DAVID—Iota Kappa Phi (Chair. House Comm. & Soc. Director) IEEE (Class Repre.)

ROSS, BARRY—Alpha Pi Mu P. D. Program, Kappa Xi Kappa Yearbook
RAWLEY, THOMAS—Intercol. Soccer (JV co-Cap) & Intramural Basketball & Softball (Awards Dinner Chairman) Class Council (Sec. Repre.) & (Corres. Sec.), Who’s Who, Sigma Pi (Sec.) ASME (Sec. Rep. & V.P.)

REEVES, RICHARD—Young Republi. (ICC Rep.-Vice Chair. & Chairman) Outing Club, IEEE member & Saturnalia (Co-Chairman).

REGN, RONALD—ASME member.

REICHLER, ALFRED—Alpha Phi Delta (member).

RICHARDS, EDWARD—Tau Beta Pi and Eta Kappa Nu, IEEE member.

RIEDE, BRUCE—Class Council (Alt. Sec. Repre.) TAU Beta Pi (Cataloger-Treas.) ACS & AIChE member, Omega Chi Epsilon, Phi Eta Sigma.

ROHDE, STEVE—Class Council (Rep.) Phi Eta Sigma, Eta Kappa Nu, Tau Beta Pi, Tau Delta Phi Outstanding Scholar ’66 (Nat’l.) V.P. Audio Club, Tau Delta Phi (Historian) Math. As. of America, Am. As. for Adv. of Science, Nat. Hot Rod As.


ROSSI, ROBERT—Class Council (Alt. Sec. Rep.) ACS & AIChE member.

ROSENDAHL, PETER—Pi Tau Sigma, Inter Club Council, Kappa XI Kappa, ASME member, Rod & Gun, Scuba, Neuman and Outing Clubs.

ROZOLSKY, MICHAEL—Intramural Softball & Basketball, Nucleus 1967, Class Council (Sec. Rep.) Omega Chi Epsilon (Treas.) Tau Beta Pi (Corre. Sec.) Phi Eta Sigma (Sec.) ACS and AIChE member.

RUGG, LEROY—ACS members and AIChE (Sec. Rep. & Program Chairman)

RUSSOMAN, JOHN—ACS and AIChE members, Intramural Softball.

RUSSOTTO, PAUL JOSEPH—A.S.M.E.

SANLORENZO, LOUIS—Class Council (Rep.) Ski Club, ASCE member.

SCHAPER, LEONARD—Student Council ( Honor Soc. Rep.) Vector (Staff) Phi Eta Sigma (V.P.), Tau Beta Pi, Eta Kappa Nu (Corres. Sec.) Who’s Who, Audio Club, IEEE member, Honor Soc. Council (Pres.) Student-Faculty Relations Comm., Engr. Comm. for student guidance.

SCHILLER, DENNIS—Chi Epsilon (Marshal) Iota Kappa Phi, ASCE member.

SCHLIEPER, HENRY—Class Council (Sec. Rep.) Tau Delta Phi (Soc. Chairman) ASME (Sec. Repre. Sr.)

SCHMAELING, ROBERT—ASME member.

SCUDDER, W.—Class Council (Rep.) Alpha Phi Omega (Social Direc.) Skin Diving Club (President) ASCE member.

SEIGLE, THOMAS—Student Council (Class Rep.) Intramural volleyball, Ski Club (Sec.), Theta Chi, ASCE member.

SILOVE, JAMES—Intramural Basketball, Phi Eta Sigma, Eta Kappa Nu & Tau Beta Pi, IEEE member.

SKAPURA, ROBERT—Class Council (Repre.), Phi Eta Sigma, Pi Tau Sigma, Tau Beta Pi, Rod & Gun Club, ASME & SAE member.

SKIBA, JOSEPH—Intramural Basketball, intramural softball, Class Council (Sec. Repre.), ACS and AIChE member.

SMILLIE, THOMAS—IEEE member.

SMITH, JR., PETER—Theta Chi, ASME (Student Sec. Rep.)

SOHM, GEORG—Intramural Baseball and football. ASME (Sec. Rep.) Sigma Pi (Steward) Dance Club (Planning Comm.), Young Republican Club.

SPIESSBACH, ANDREW—Intramural Basketball.

SPINA, JOHN—Intercol, Fencing, Intramural Volleyball & Baseball. Class Council, Tau Epsilon Phi

SPINELLI, RAYMOND—Student Council (Co-Chair, Publicity) Class Council, Pi Kappa Phi, (Treas.) ASME member, Sr. Prom Weekend Comm.

STANLEY, RAYMOND—Intramural Volleyball, IEEE member.

STEFERO, NICHOLAS—Student Council (Rep.), Honor Soc. (Chi Epsilon), Inter Club Council (Pres.) Pres-Vice of Alpha Phi Omega, Outing Club (Pres.), ASCE member.

STEVENS, BARRY—Phi Eta Sigma, Tau Beta Phi, Chi Epsilon, ASCE member.

STEWART, JAMES—Nucleus ’67 (Ed) Orbit (Ed), Class Council, Pi Delta Epsilon, Who’s Who, IEEE member.

STOMPLER, RUSSELL—Pi Tau Sigma, ASME, SAE (Pres.)
STOREY, JR., EDWARD—Intramural Basketball & Volleyball, Class Council (Sec. Repre.), Ski Club (Pres.), Interfra. (Asst. Treas.), Theta Chi (House Mgr.), ASCE member, Interfra. Football.

STRAMBACK, GEORGE—Student Council Constitution Comm. (Sr. Repre.) Intercol. Varsity Baseball & Basketball, Intramural Basketball, Class Council (Repre.), (Sec. Repre.) (Publicity Chair.) Who’s Who, Varsity Club (Trea.) (Act. Sec.), Pi Kappa Phi, IEEE member, Dean’s List 2 sem.

SWIETEK, DONALD—IEEE member.

TELEWSKI, FREDERICK—AIChe member, Radio Club.

TERRY, FREDERIC—Tau Beta Pi, Eta Kappa Nu, IEEE member.

THOMAS, EMERY—Class Council (Sec. Repre.) ASME & SAE member, Rod & Gun Club.

TOLENDINO, LAWRENCE—Eta Kappa Nu IEEE member.

TOSSO, JAMES—Class Council, Theta Chi (Pres.-Treas.) ASME member.


UNGER, CHARLES—Tau Beta Pi, ASME member.

VEERMAN, GARY—Intramural Baseball, football, basketball. Alpha Phi Delta.

VETTESE, ROBERT—AIChe and AIChe member.

VITALE, ARTHUR—Class Council, ASCE member.

VON WORLEY, WARREN—Iota Kappa Phi (Pledgemaster) ACS and AIChe member, ROTC Rifles Drill Team & Highland Guard IDR Drill Team (Ex. Officer).

WASHELESKI, MICHAEL—Iota Kappa Phi, IEEE member, Highland Rifles Trick Drill Team & Commander of Highland Guard IDR Team (Intercollegiate).

WASILEWSKI, NICHOLAS—Class Council (Sec. Repr. to Jr. & Sr. Class Councils) ACS (Sec. Rep.), AIChe (Sec. Rep.) N.J. Intercol. conference of Amer. Chem. Soc.

WEINDORF, JOHN—Student Council, Intramural, AIEEE member.

WEISE, PAUL—Intramural Softball, Bowling and Paddleball teams, ACS and AIChe member.

WELLER, RONALD—Student Council (Rep.) Intramural Basketball, Golf (Chairman), ASCE member, Prof. Dev. Program.

WERBA, WILLIAM—IEEE member.

WHITE, LESTER—ACS and AIChe member.

WICK, IVAR—Intramural Badminton, ASCE member.


WILK, ROBERT—Student Council (Sec. Rep.) Pi Tau Sigma, ASME member, Tau Lambda Chi I.F.C. Sports, Prof. Dev. Prog., Dean’s List 6 sem.

WISMAR, JR., WILLIAM—I.E.E.E.

WITKOWSKI, JOHN—Class Council, ASME member, Professional Soc.-SAE member.

WITT, HANS—Kappa Xi Kappa (Rules Comm. Chair.) ASME (Sec. Rep.)

WOLOS, KEITH—A.S.M.E.

WRIGHT, DOUGLAS—I.E.E.E.

WUJCIAK, JR., ALFRED—Class Council, ACS and AIChe member.

YABLONSKI, STANLEY—Intramural Basketball and Flag Football Sr. Class Council (Sec. Rep.) ASCE (Sec. Rep.).

YADVISH, JOHN—Student Council, Intercol. Varsity Baseball, Intramural Basketball, Nucleus 1967 (Sports Editor), Phi Eta Sigma, Tau Beta Pi.


ZIEGLER, ROBERT—Intercollegiate Baseball, ASME member.

ZUBRISKI, GARY—ASME member.

ZWASKIS, ANTHONY—Intramural Basketball, Class Council (Class Rep.), ASME member.
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Mike Romack ............................................... Treasurer
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and regrets the loss of a fine group of men

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PAUL WIENER ......................... Class of ’69
MICHAEL STRANGE ................... Class of ’70
LENORD SCHAPER .................... Honor Societies
NICK STEFERO ......................... Inter-Club Council
FRANK CALELLO ...................... Inter-Fraternity Council
ROGER SABANOSH .................... Professional Societies
STEVE OHR ......................... Publications
Class of 1967

Our four years of study at Newark College of Engineering is now finished. Using the education, skills, and professionalism that we acquired at NCE, we, as knowledgeable engineers, will scatter across the nation and many overseas areas. Before leaving, however, we would like to express our sincere thanks to the Administration, the Faculty, and members of the Maintenance Department.

Finally, we wish success to the members of the Class in all their endeavors.
The Interfraternity Council

Congratulates the Class of 1967 and
Wishes Them Success In All Future Endeavors

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