

**LAWRENCE INSTITUTE OF TECHNOLOGY**

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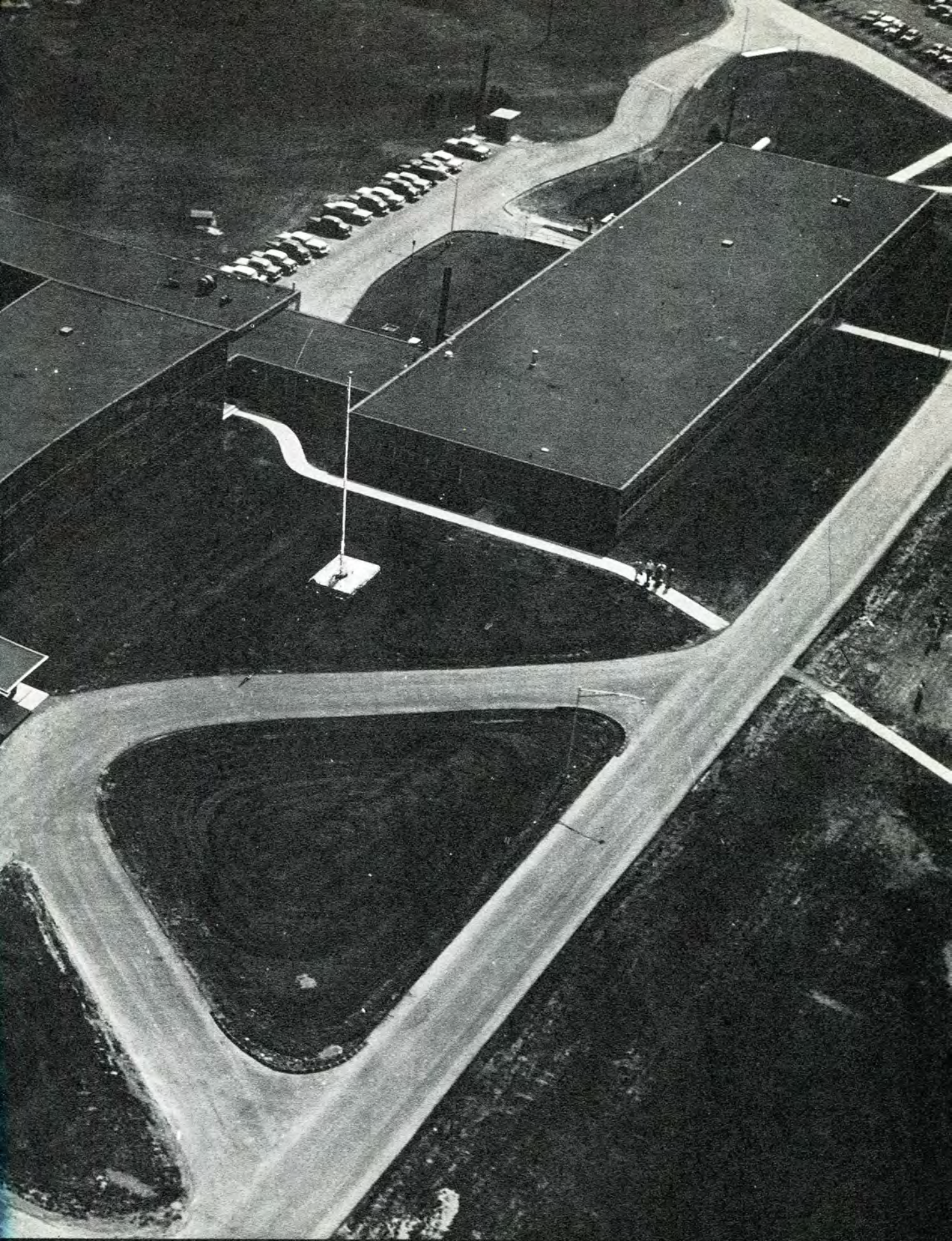
L - BOOK

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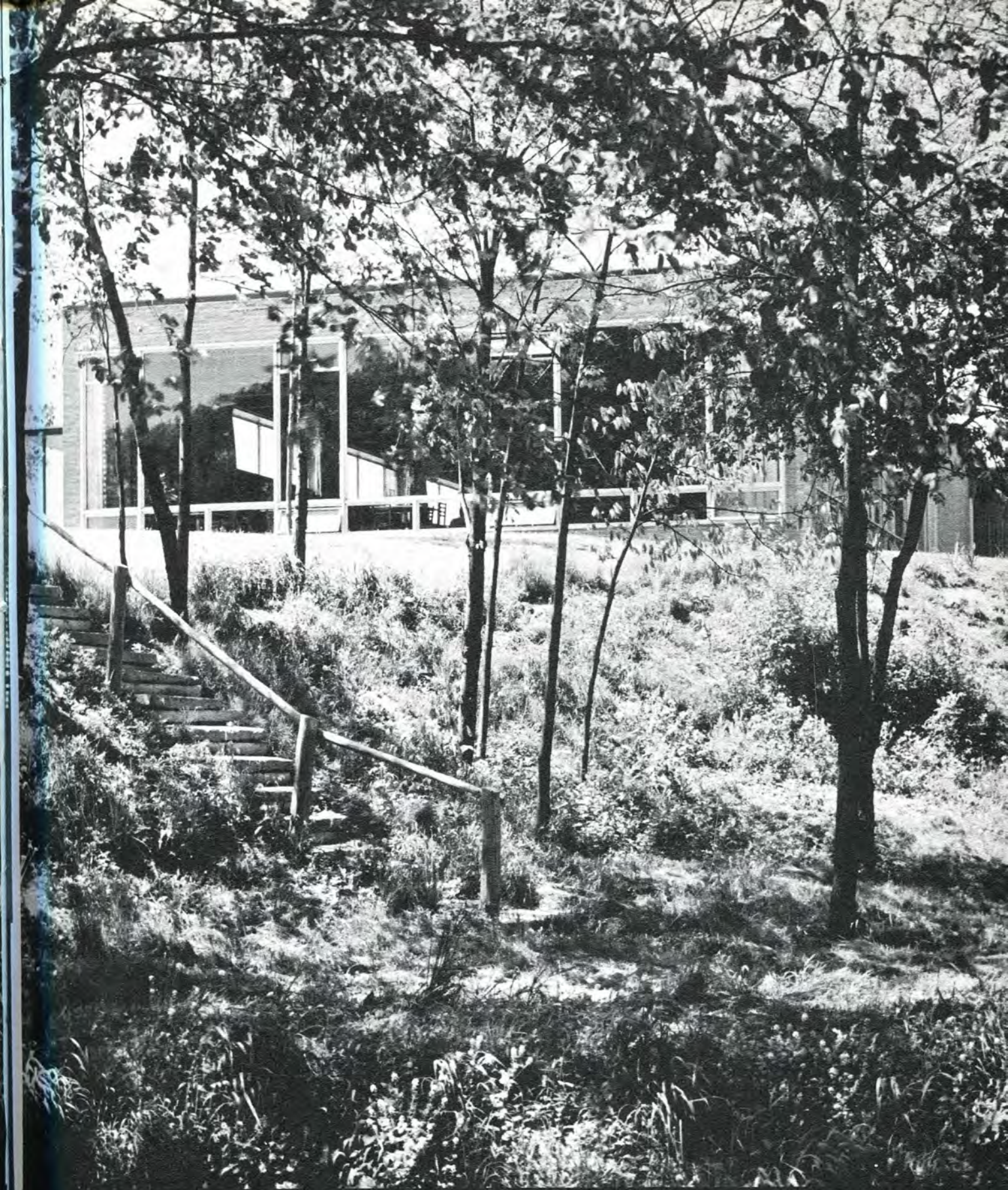
1960

CAMPUS



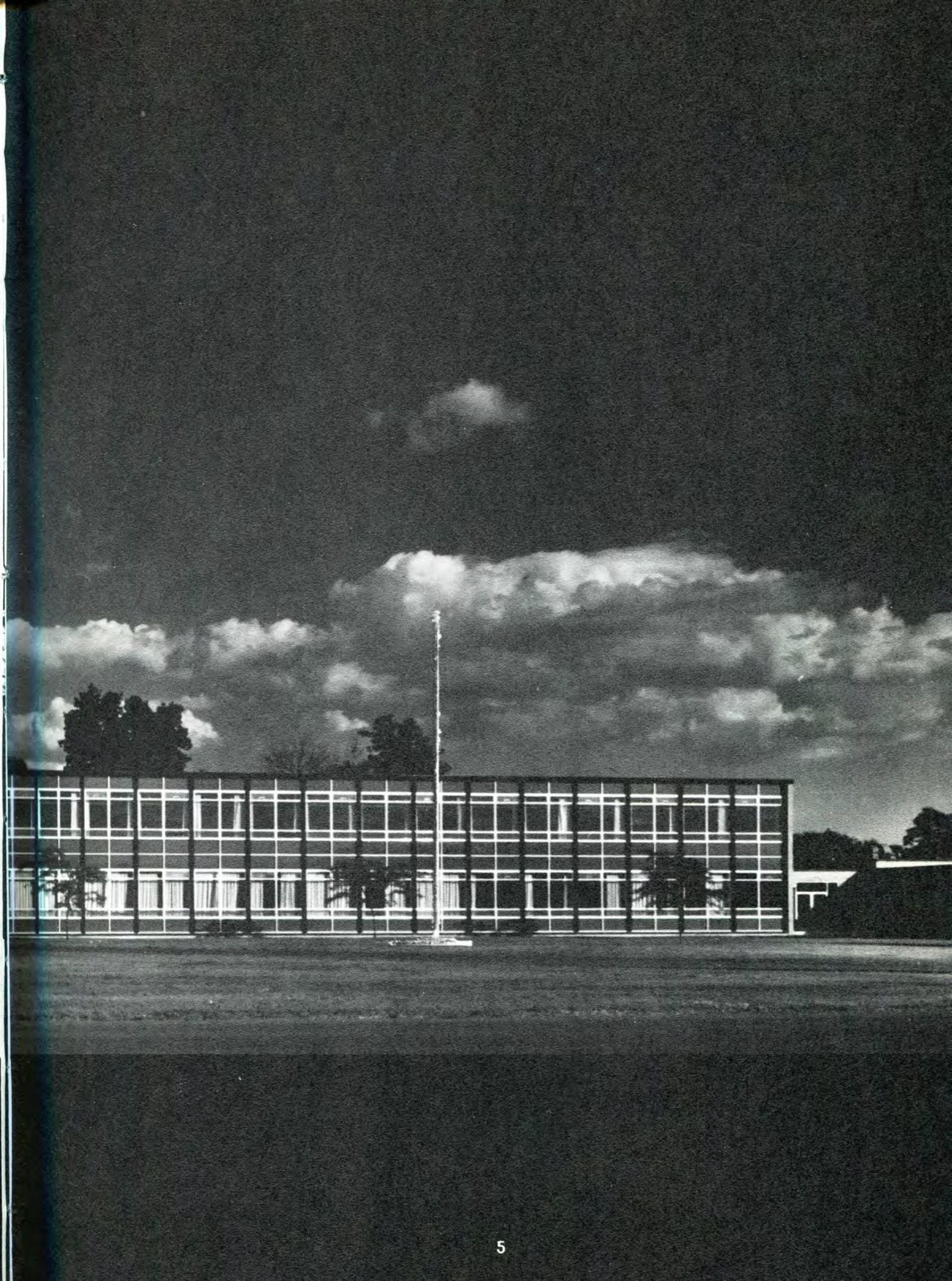




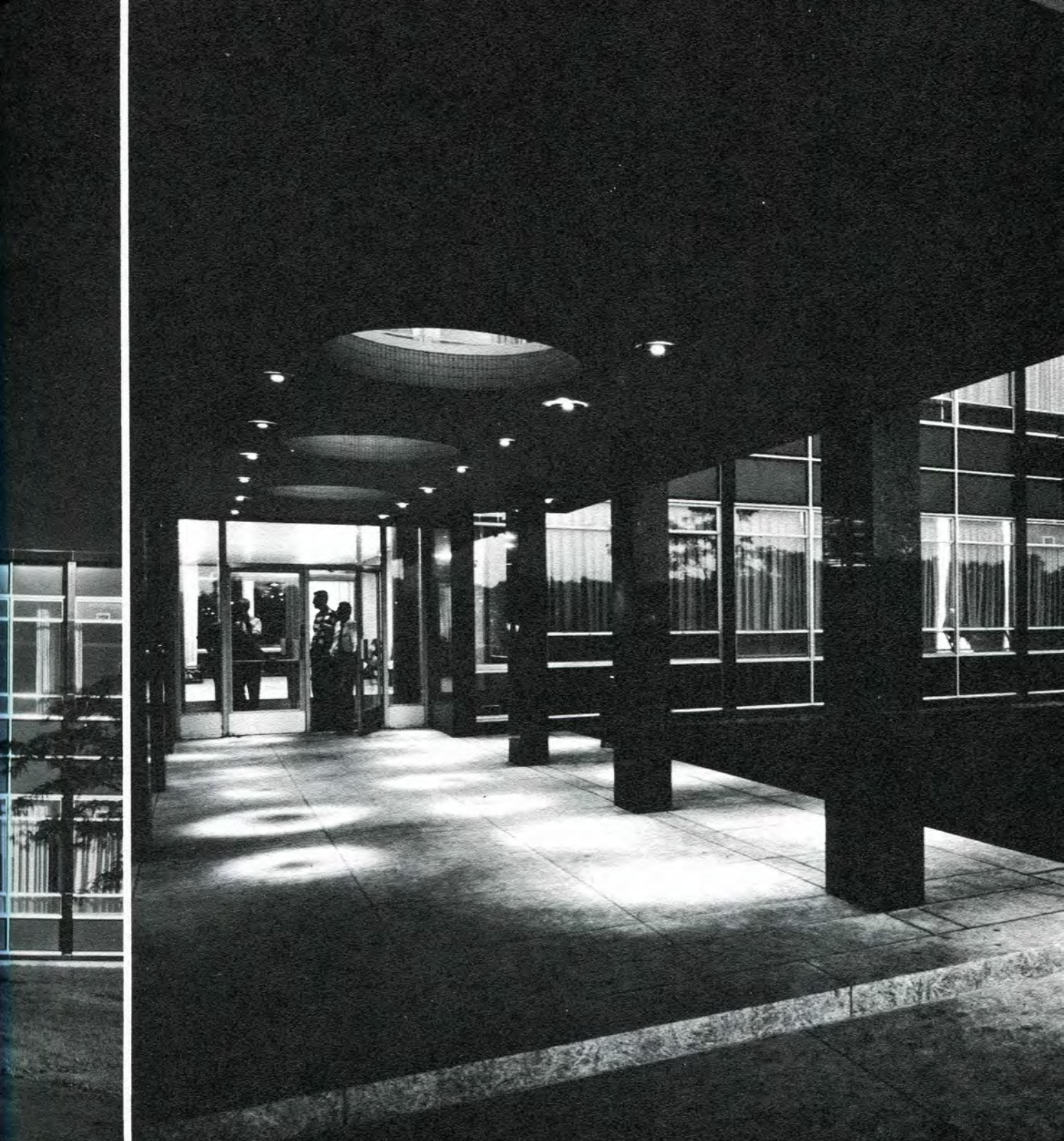




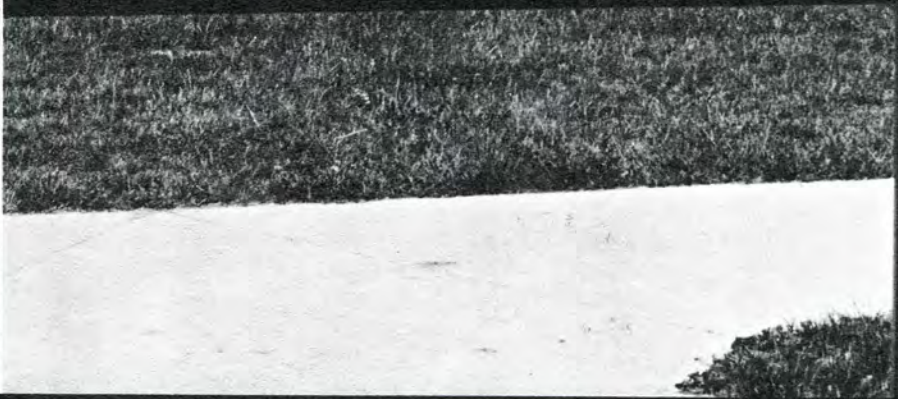
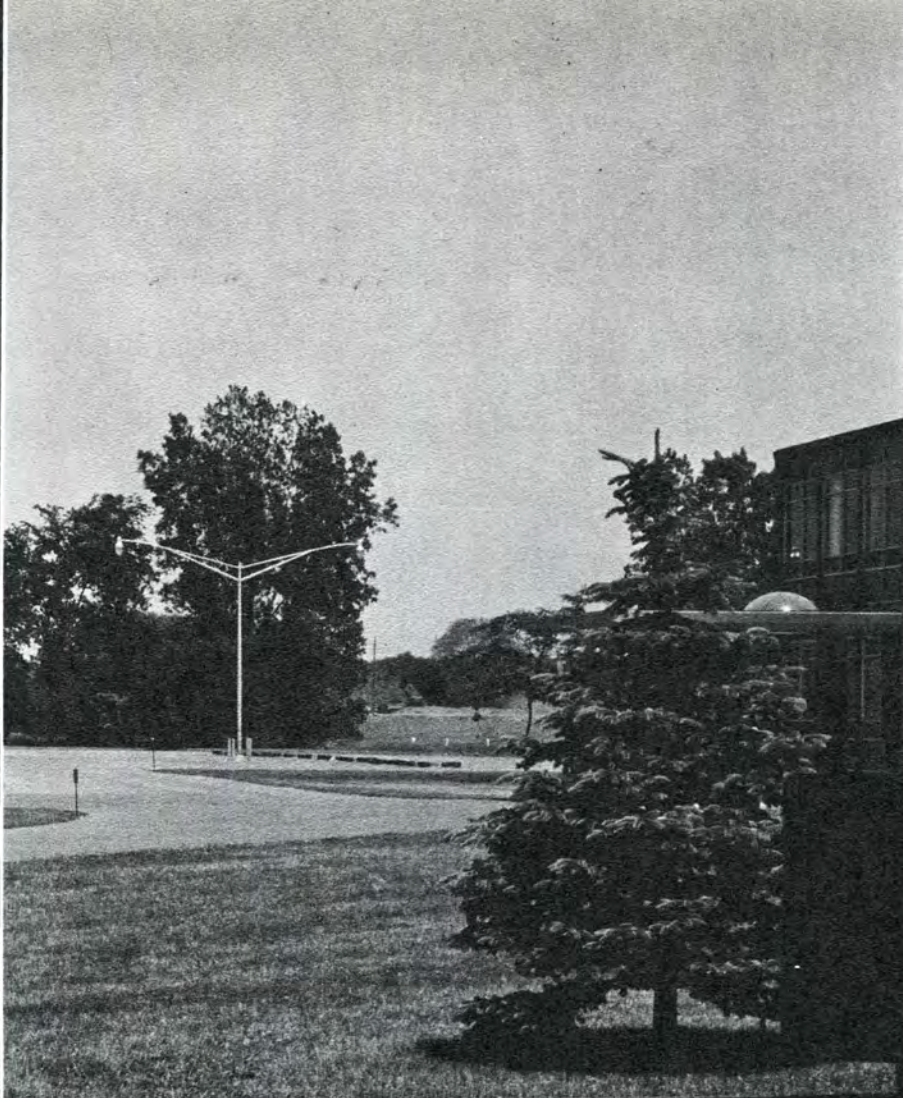




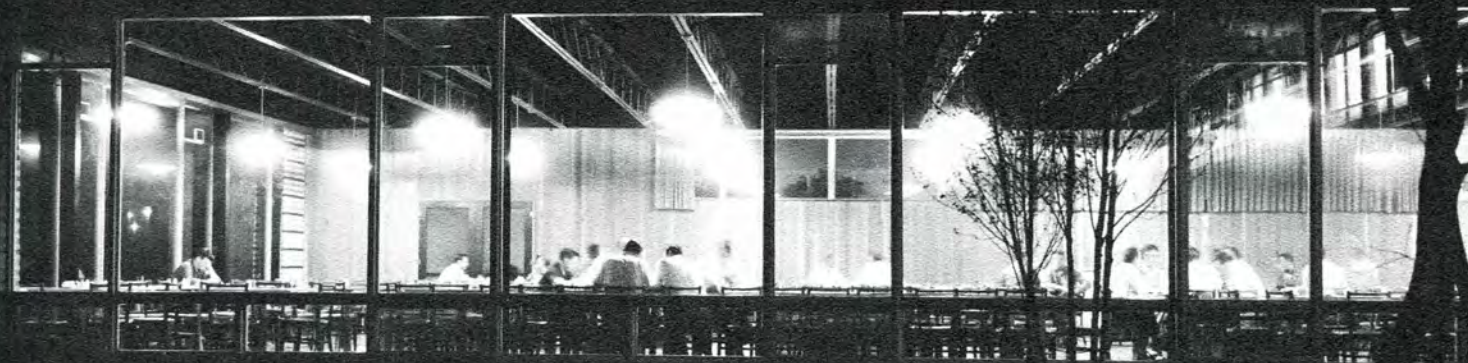












The 1960 I. Book places in your hands a survey of the educational and social activities which occurred during the twenty-eighth year of existence for Lawrence Institute of Technology.

The faculty and administration, working hand-in-hand, have prepared our students for graduation. This is the culmination of their college life.

Lawrence Tech students realize that just as theory and practice are inseparable, so also are intellectual pursuits and social development. As a result they enter into activities which benefit themselves and the school. Their

accomplishments are the work of many hands, and they are recorded for you in this yearbook. We congratulate the class of 1960. They move into a dynamic future with a sense of responsibility and a knowledge of the vast opportunities awaiting them. We thank them for their participation and contributions to the school, both intellectually and socially. May their interest and participation and influence never cease.

The future is now in their hands.





# IN MEMORIAM

*So teach us to number our days, that we may apply our hearts unto wisdom.*

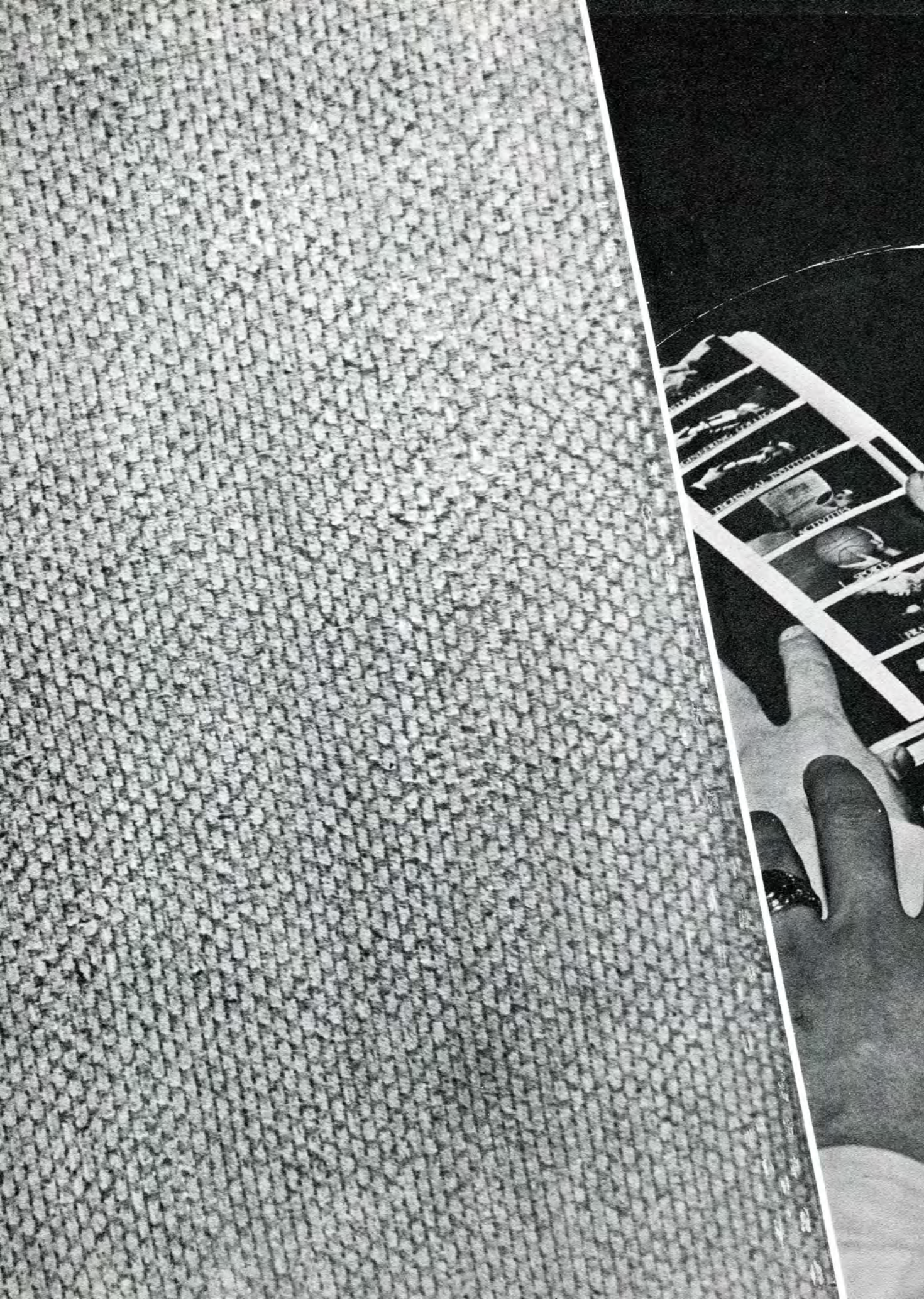
Psalm 90

Professor Harold C. Boothroyd, Chemistry Department Chairman, was with Lawrence Institute of Technology since its founding in 1932. The above verse represents his thirty-five years of teaching.

Upon graduation from Cornell University in 1921 with a Bachelor of Science degree in Chemistry, he taught at the University of Detroit. Opportunity enabled him to join the staff of a newly created educational institution—Lawrence Institute of Technology in 1932.

His devotion to the school, his kindness and understanding, were felt by all who came in contact with him. He gave freely and conscientiously of his time and efforts. There are a great many people who have benefited from his friendliness and warmth as well as from his technical instruction.

It is with deep respect and sincere affection that we offer these thoughts.





ADMINISTRATION

ENGINEERING COLLEGE

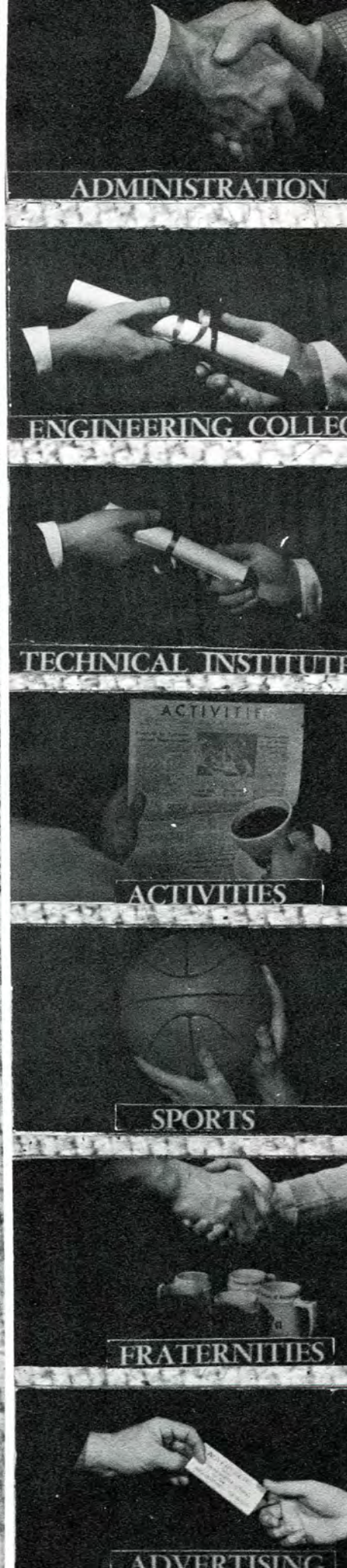
TECHNICAL INSTITUTE

ACTIVITIES

SPORTS

FRATERNITIES

ADVERTISING



ADMINISTRATION

ENGINEERING COLLEGE

TECHNICAL INSTITUTE

ACTIVITIES

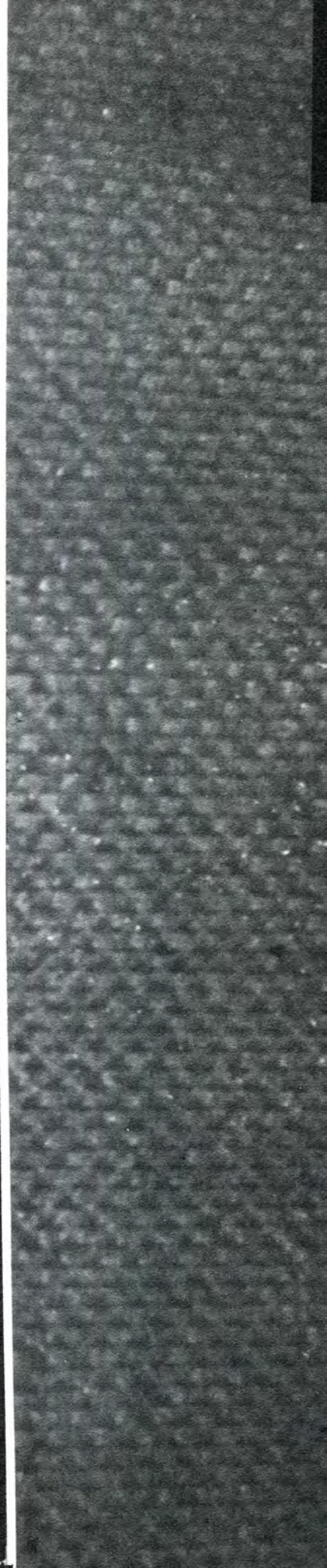
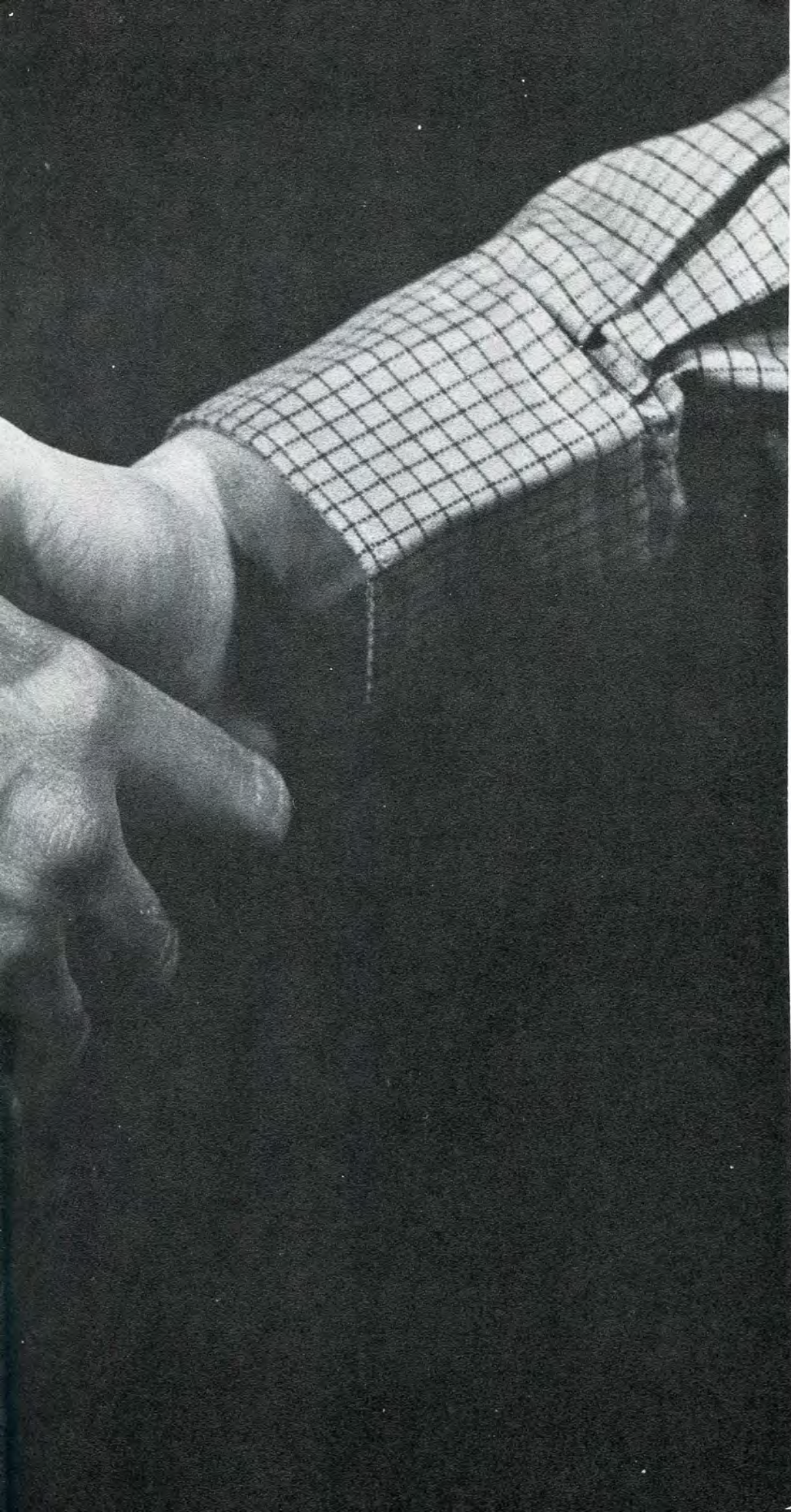
ACTIVITIES

SPORTS

FRATERNITIES

ADVERTISING







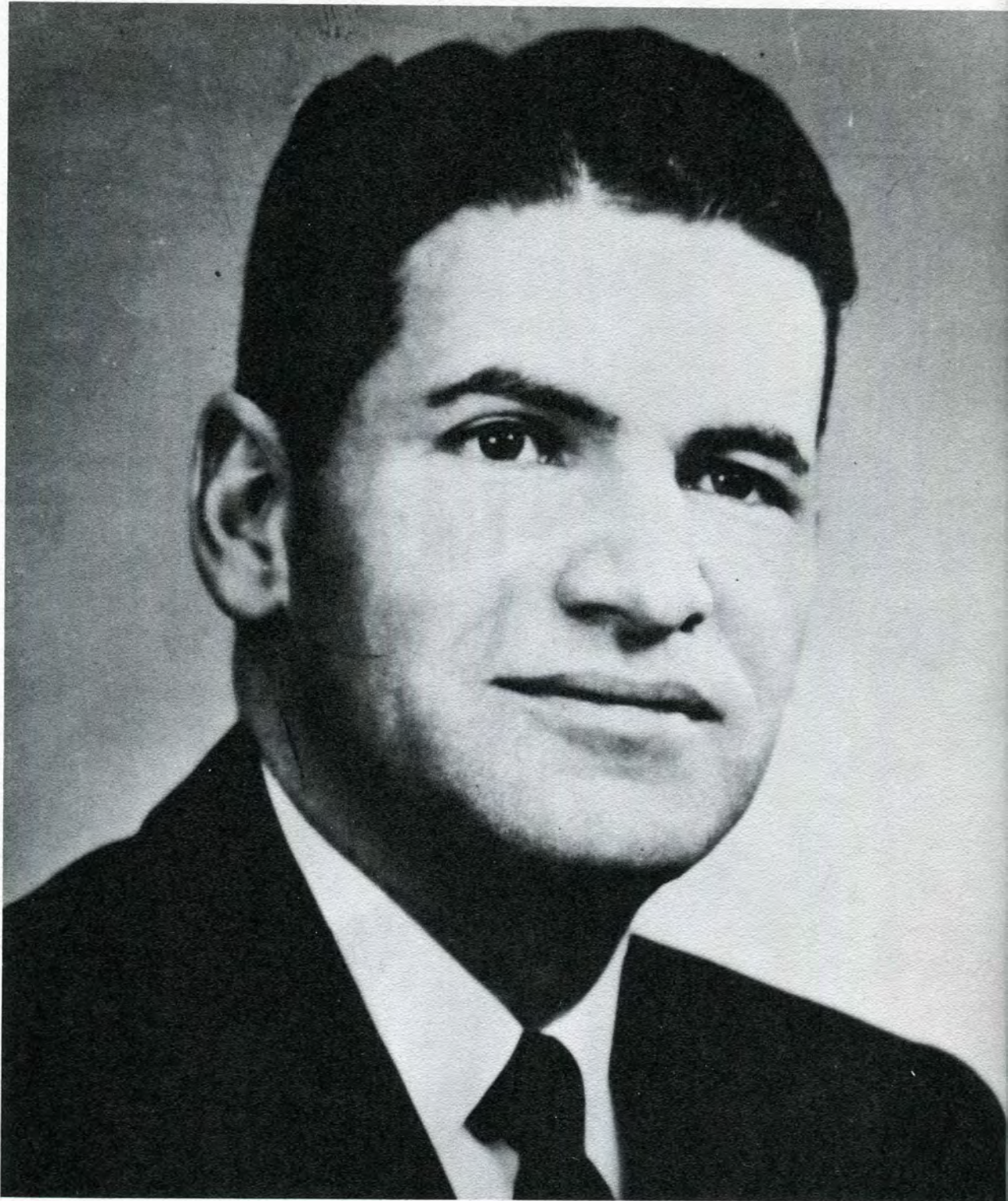
*L. I. J. . . .*

*. . . To provide education within the economic reach of the vast middle class of people and at the same time furnish an unquestionable quality of education.*



E. GEORGE LAWRENCE  
President





JAMES W. HOBSON  
Vice-President

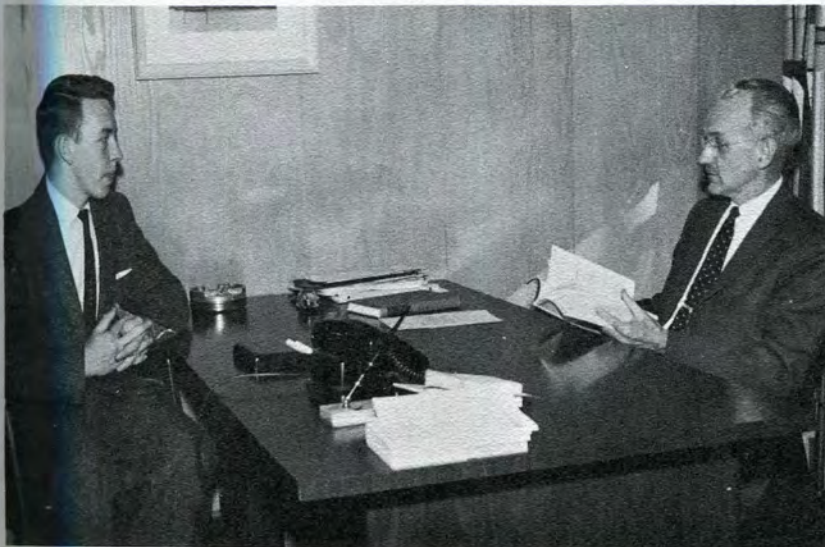
*. . . To the present enrollment of nearly three thousand opportunities for serving, befriending, and guiding, have been our privilege and purpose.*



Students are often helped in understanding the varied courses offered.

MORDICA M. RYAN  
Dean

GENEVIEVE G. DOOLEY  
Registrar



Mr. Ryan explains the curriculum best suited for the student.



CLAUDE A. BREAM  
Auditor



MICHAEL L. MITCHELL  
Comptroller

HAROLD B. VAN BUSSUM  
Personnel Director



DONALD G. RIDLER  
Director of  
Student Activities



*... To assist the student by advice and guidance with difficulties of any nature, and to promote a better student-teacher relationship.*



WILLIAM C. BURKE  
Director of  
On-Campus Facilities



MAX B. COAN  
Director of  
Student Counseling



Counsellors are always ready  
to discuss any students'  
academic problem.

WILLIAM D. BIGART

EDWARD E. WOOD





JEANNE PRESTON  
Secretary to President



LAURENE STEVENS  
Secretary to Dean, Day



JUDITH ERICKSON  
Secretary to Dean, Night



*... To the administration and clerical services required in any educational system, many are needed who indirectly aid the ultimate graduate.*



BETTY BREWER  
MARIE RENNER

MARGARET DALE  
MARION ROGERS

DOROTHY DICK  
LILLIAN ST. ANGELO

MODELLE LEE  
GLORIA WAEISS

GRACE MCNAIR  
HELEN WUNDERLY



Duplicating Office



JOAN LAABS



JUNE SHEPPARD



I. B. M. Office



MARGARET RIFFLE



MILDRED TEWES



MABLE BROWN  
Bookstore



Library



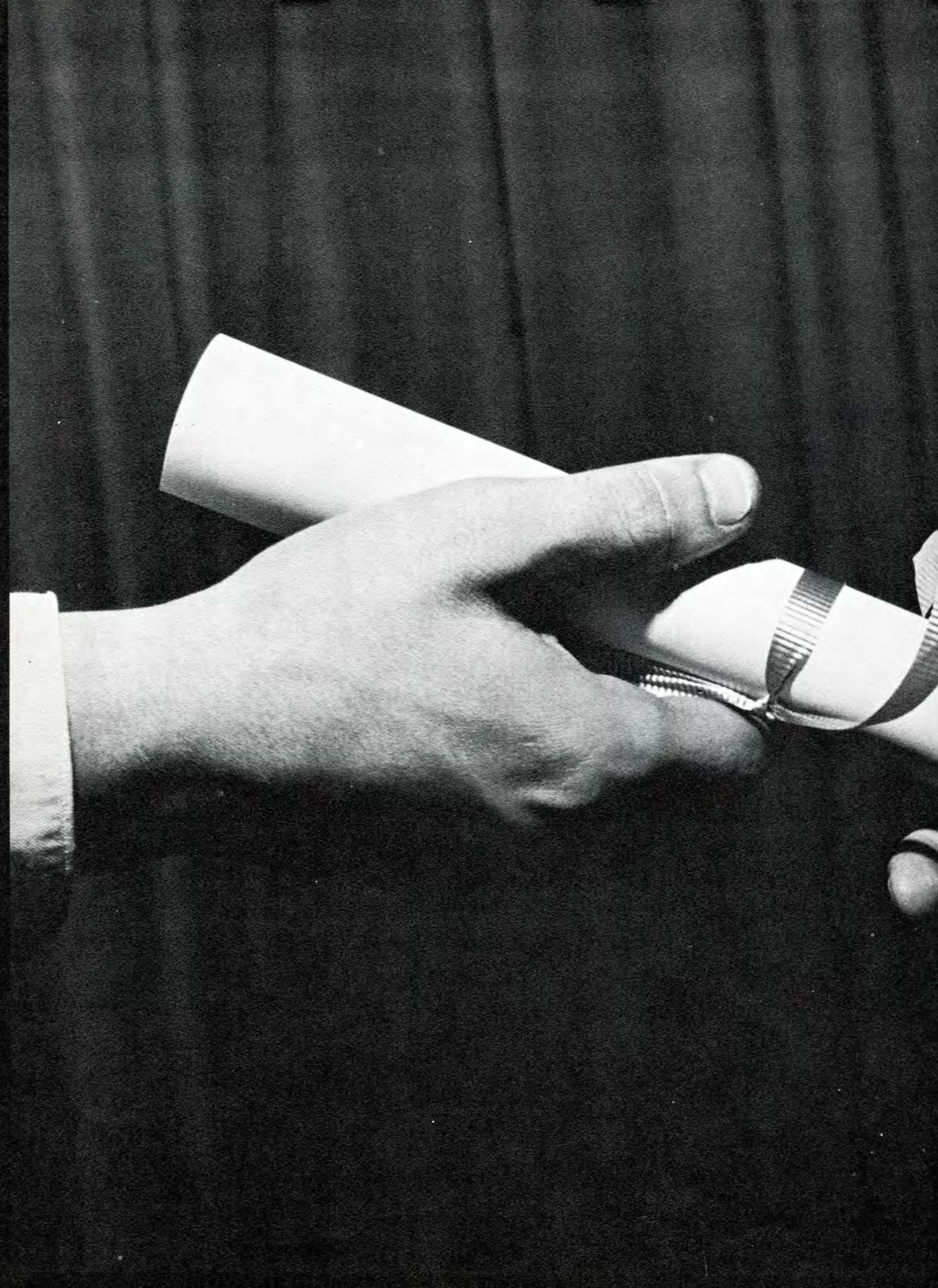
JANETTE BAKER.

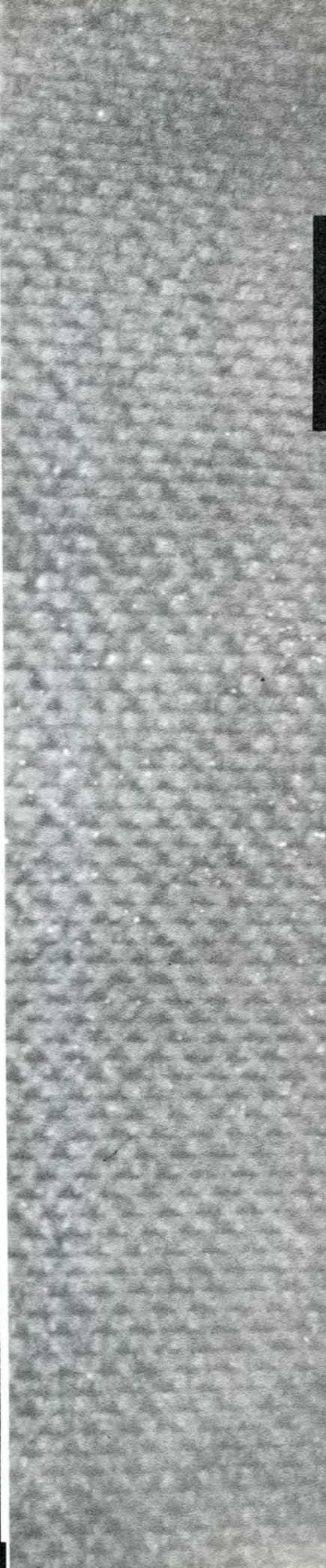
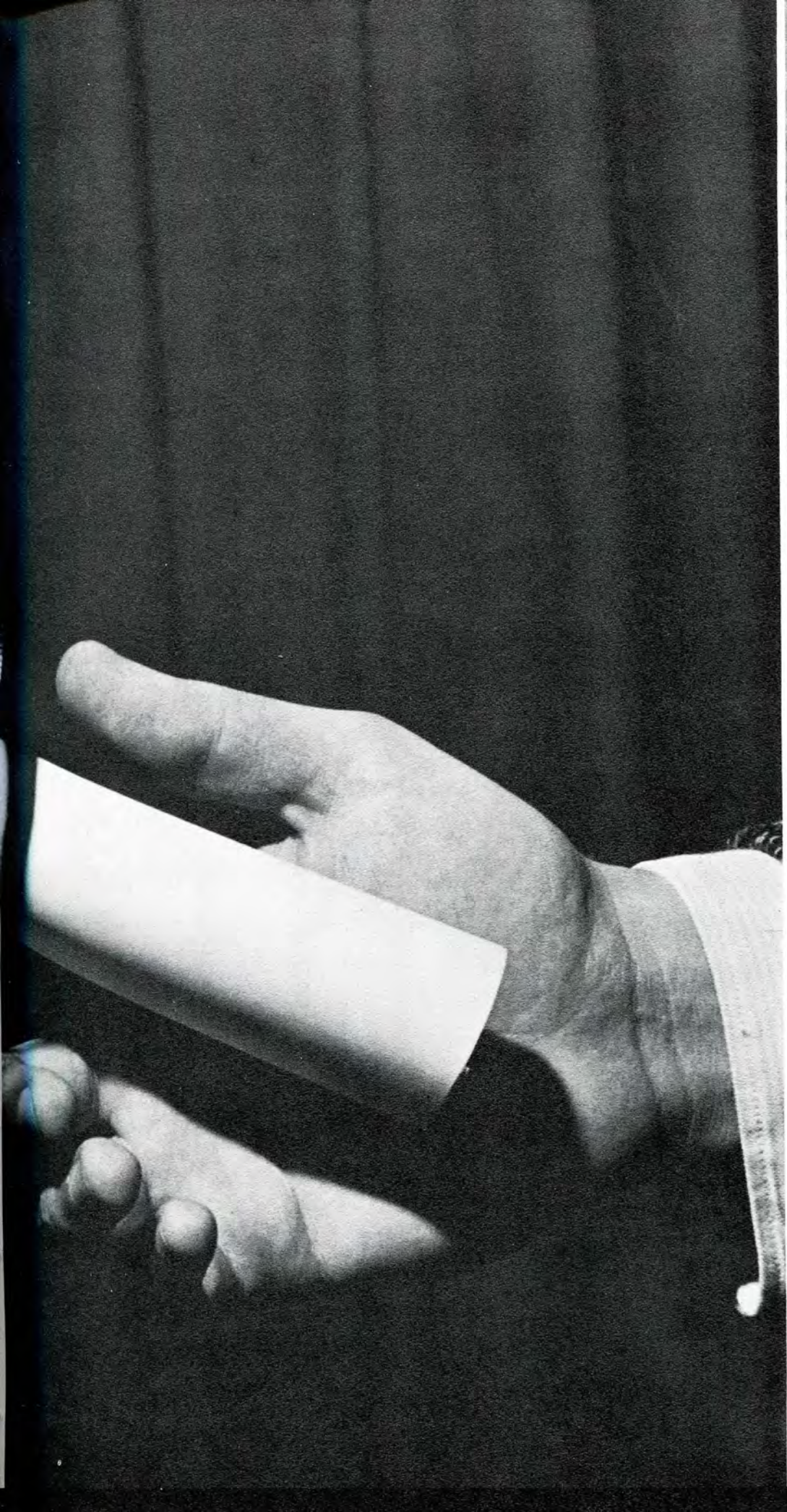


MARY LANDUYT



DELORES LARKIN  
Bookstore









EARL W. PELLERIN  
*Department Head*

Architecture is an art. It is the art of sculpturing space into solids and voids, using as its setting nature and the human being. The sculpturing media: concrete, steel, wood, brick, and other materials, are the means by which the architect expresses himself. We must also recognize the creative architect as a poet and interpreter of life. He sees the practice of architecture not purely as a business, but religiously as basic to the welfare and culture of humanity. He should not be limited by the mechanical functionalism of modern society. He should not conform but seek to improve, for an architect without individuality adds little to the world in which we live. Man is not made for architecture, architecture is made for man.



GEORGE B. ZONARS

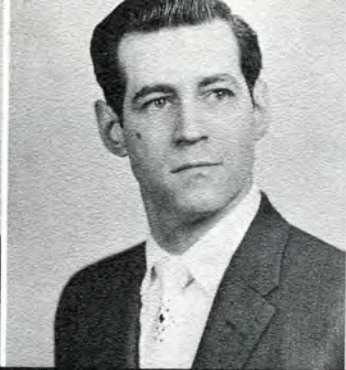


DORIS SMITH



MAXWELL E. WRIGHT

ARCHITECTURAL ENGINEERING



EDWARD R. ASHOR  
*Architectural Club*

MICHAEL S. DOWNES

PATRICK T. FLAHERTY  
*Architectural Club*  
*Pres.*  
*Parl.*

EDITH MOGRIDGE  
*L-Book*  
*Tech News*  
*Architectural Club*

JAMES W. SMITH  
*Alpha Gamma Upsilon*  
*Treas.*  
*Corres. Sec.*  
*Architectural Club*  
*Treas.*



In small architectural design classes students work more closely with the instructor. Mr. Zonars, a graduate of Cranbrook, is having one of the many interesting critique with the senior class.



SENIORS NO. PHOTOGRAPH

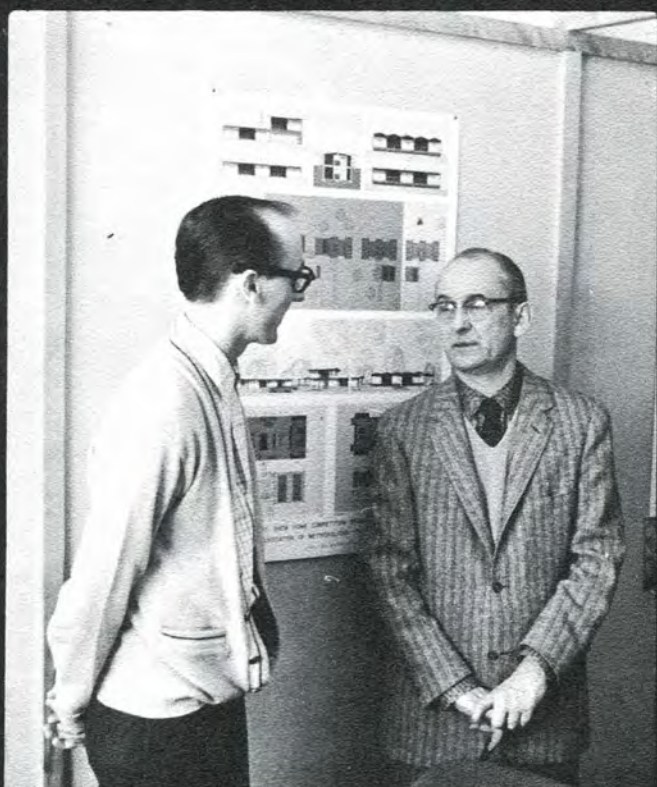
MICHAEL J. WALSH  
*Architectural Club*

ROBERT P. WIELAND  
*Architectural Club*

JAMES W. WILLOUGHBY  
*Architectural Club*  
*Fencing Team*

AUSTIN C. ZAGO  
*Student Council*  
*L-Book*  
*I.F.C.*  
*Rho-Delta-Phi*  
*Pledgemaster*  
*Architectural Club*  
*Glee Club*

PETER J. HAMMO



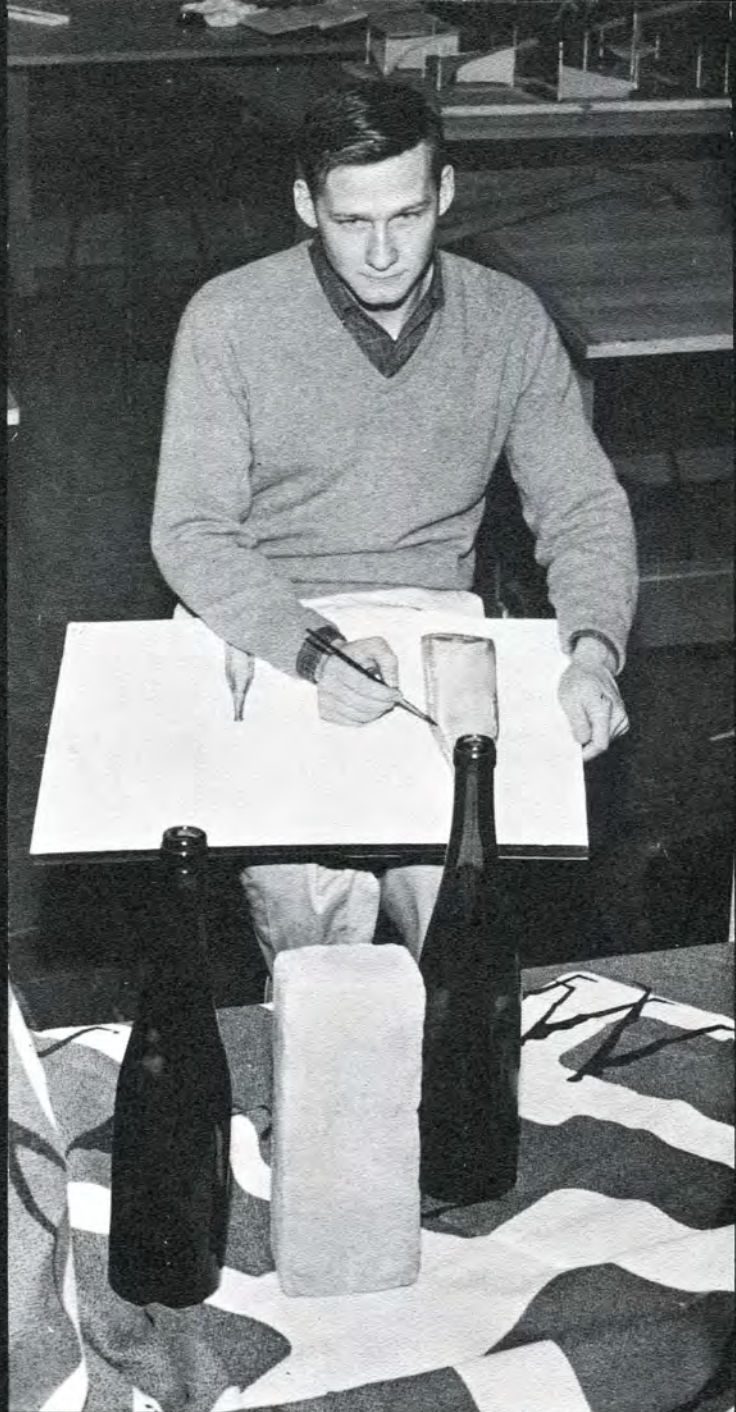
A department to function properly needs a capable faculty and a competent dean. Pat Flaherty, a senior architectural student, discusses his future plans with the Dean of Architecture, Earl Pellerin.

Architectural seniors, Pete Zervos, Tino Zago, and Chuck Gorman are using the architectural club room facilities for research and also for relaxation.





To understand and appreciate good design, students must first master the elements and principles of basic design. Miss Dolores Smith, a well known painter and architectural model maker, is discussing the constituents of good design with Edith Mogridge and Tom Wallace.



An architect must have a workable knowledge of the related arts: water colors, pastels, sculpturing, model making, interior design, landscaping. Bob Giesy, a junior, is putting to work his artistic ability.



Mr. Wright, a noted water-colorist, demonstrates the techniques of water color, colored pencil, pastel, and the essentials of good design to his students.



One of the best ways to learn architectural design is to be confronted with an actual problem. As a typical example the senior class has undertaken to work out a preliminary design of a Southfield Civic Center. This involves field studies, statistical reports, study models, meetings with the mayor and council of Southfield. Terry Measel, Tino Zago, Pat Flaherty, and Chuck Gorman, four of the seven students in the senior design class, are discussing their civic center.



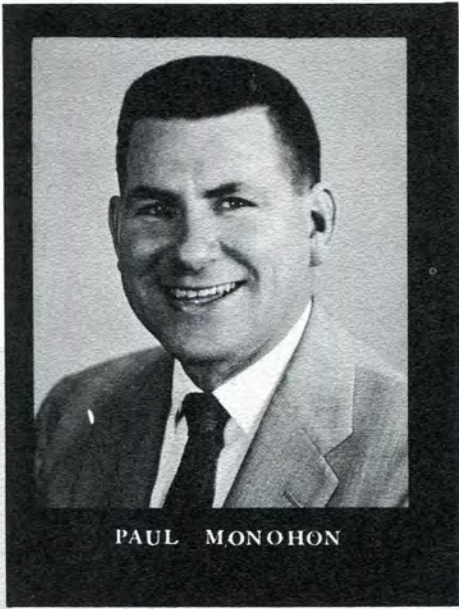
A helpful hand is offered in the final stages of a design problem. Cooperation and helpful attitude among students is a major factor in the high quality of work.



**DR. JOSEPH GABRYS**  
*Department Head*

The Civil Engineering Department has always strived to introduce students to the many various phases of civil engineering. There are such courses as highway engineering, sewer design, surveying, and concrete laboratory to meet the students' need for understanding the municipal type of problems they may face. Such courses as structural drawing, structural steel design, reinforced concrete design, and statically indeterminate structures are offered to give the student new as well as basic ideas concerning the rapidly growing construction industry of today. It is hoped that more students will become interested in civil engineering in the future, because of the growing demand for civil engineers.





PAUL MONOHON



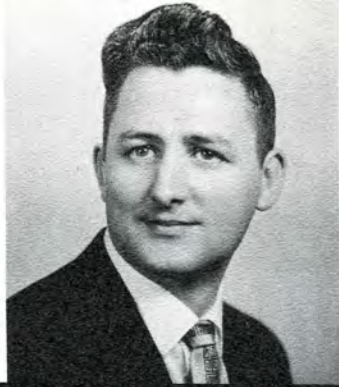
CIVIL ENGINEERING







THOMAS FLUENT  
Civil Club

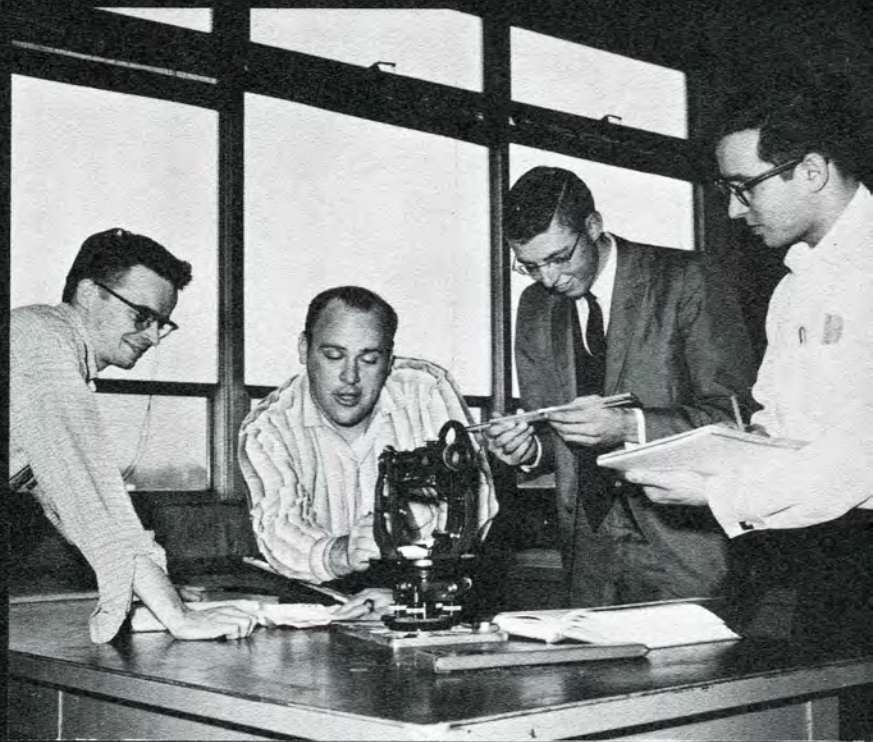


BERNARD J. GAUTHIER



FRANK M. MAZEKO

Bob Shmina shows Tom Fluent, Terry Measel and Tino Zago the finer points of the transit.

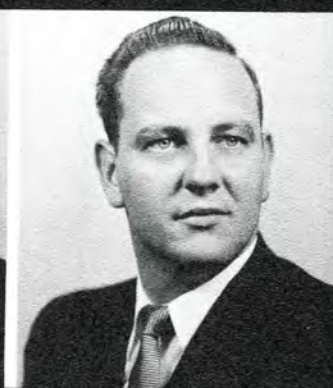


WILLIAM V. SEIFERT  
I.F.C.  
Alpha Gamma Upsilon  
Civil Club

RAYMOND F. PRENA

SENIORS NOT PHOTOGRAPHED

- ROBERT A. SHMINA
- THADDEUS A. WOZNIAK





MORRELL A. McDONALD



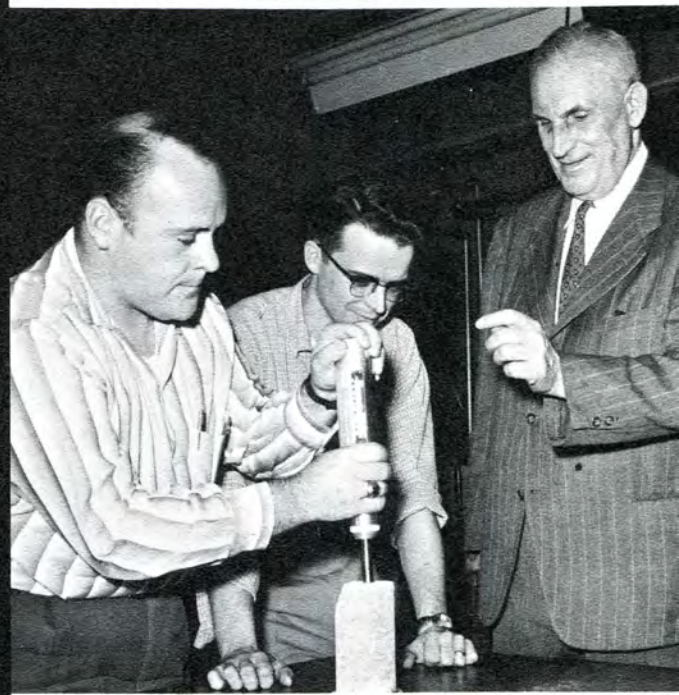
EUGENE PERLMAN  
L-Book  
Ass't. Ed. '60  
M.S.P.E.  
Rec. Sec. '60  
Civil Club  
Pres. '60



Dave Smith, Don Ross and Gene Perlman use soil testing equipment. The testing of soils is of prime importance in all phases of civil engineering.

Dr. Gabrys discusses a new concrete compression tester with Seniors Bob Shmina and Tom Fluent.

Tom Fluent, Bob Shmina and Ed Salter weigh a specimen for soil analysis. The civil engineer is constantly confronted with testing equipment, and it is of necessity to use, record, and evaluate this data.



NOEL SMITH  
M.S.P.E.  
Phi Kappa Upsilon

JERRY BRUCE WERNER  
Student Council  
M.S.P.E.  
Civil Club

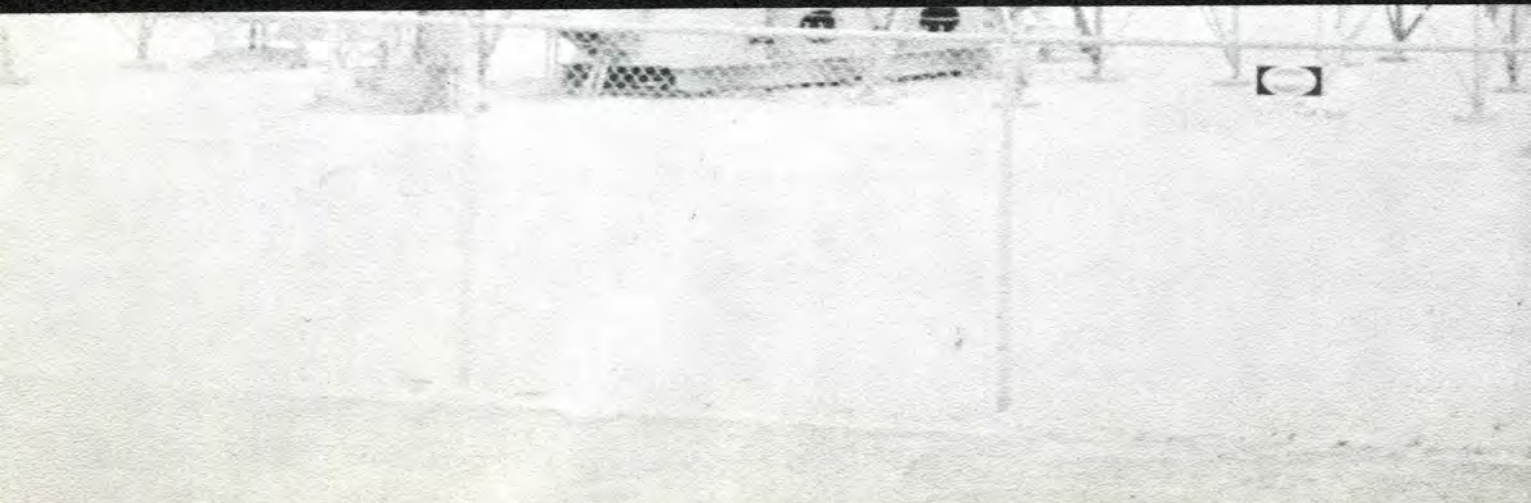
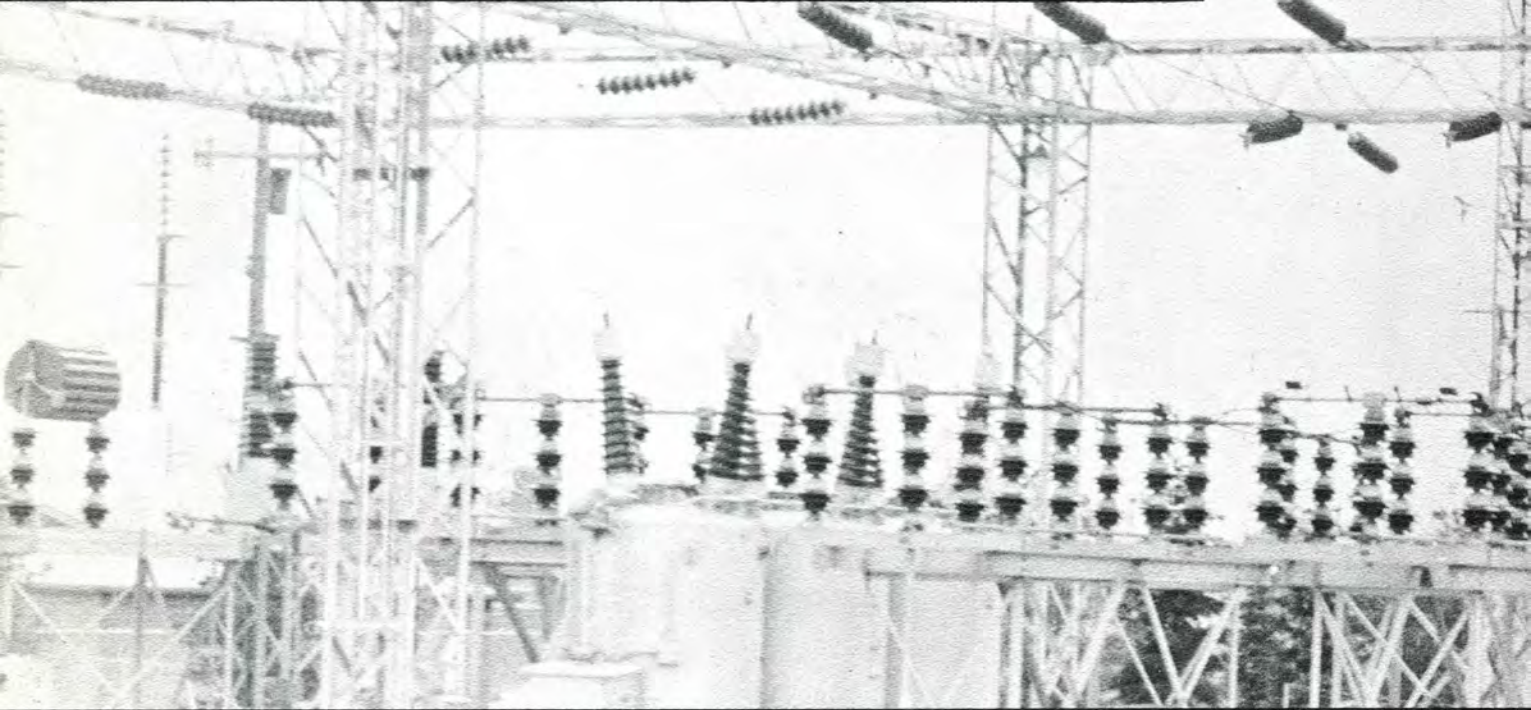


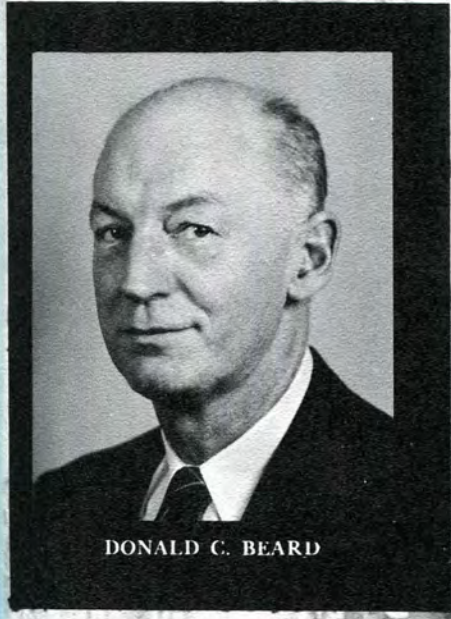


**ELWYN D. HANCOCK**  
*Department Head*

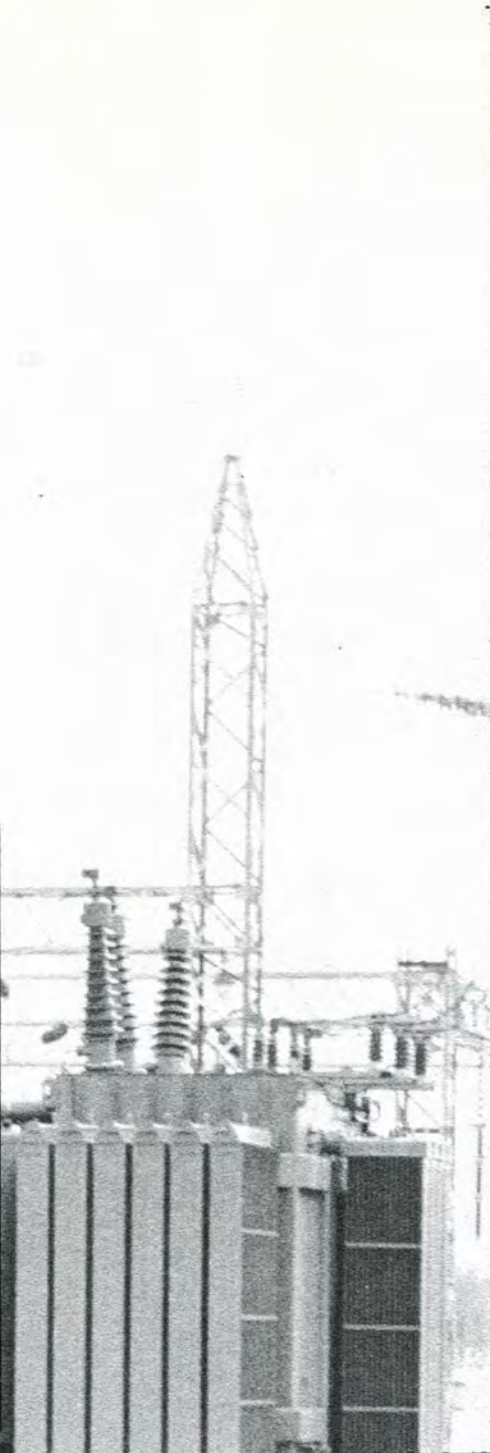
It is the objective of the Electrical Engineering Department to present a group of well rounded courses covering the broad field of this branch of engineering. Courses dealing with power, electronics and communication are equally stressed. In the laboratory, the student is provided with a first hand practical knowledge of the operation of dynameters, motors, generators, transformers, three-phase equipment, auxiliary equipment, and methods of meter calibration.

Professor Hancock and his staff strive to present the courses in such a manner that the student will be prepared, upon graduation, to follow the branch of electrical engineering he so chooses, and specialize as he desires. To accomplish this, the student is educated from the best theoretical and practical standpoint. The results have produced engineers of high caliber and a tribute to Lawrence Tech's reputation.





DONALD C. BEARD

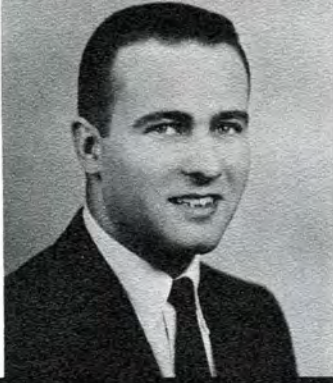


# ELECTRICAL ENGINEERING





**JES L. BOEBERITZ**  
*Student Council*  
*Tech News*  
*Sr. Pres. '60*  
*M.S.P.E.*  
*Phi Kappa Upsilon*  
*Electronics Club*  
*Who's Who*



**NORMAN B. CHALOULT**



**RICHARD D. CHANDLER**  
*Student Council*  
*Vice-Pres.*  
*Soph. Pres. '58*  
*Tech News Editor*  
*L-Book Managing Ed.*  
*Alpha Gamma Upsilon*  
*Who's Who*



**ROBERT T. COLENZO**



**JEROME T. CRANE**



Elements of A.C. circuits are being presented by Professor Beard.



J. Boeberitz, J. Janicki, R. Colenzo, and R. Chandler conduct an experiment in the D.C. lab.

**MAURICE KATZMAN**  
*Student Council*  
*A.S.T.E.*  
*M.S.P.E.*  
*S.A.E.*  
*L-Book Bus. Mgr.*  
*Tech News*  
*Mech. Eng. Club*

**LUIS C. GENSLEY**

**EDWIN A. KOIST**

**GERALD KOTLIER**  
*Phi Kappa Upsilon*  
*Mech. Eng. Club*

**DAVID C. KRYM**  
*Alpha Gamma Upsilon*  
*Corres. Sec.*





WALTER G. CROSBY  
*Phi Kappa Upsilon*



JOHN G. DALY  
*S.A.E.*



WILLIAM F. DOLUNT



CODA M. EDWARDS  
*S.A.E.  
M.E. Club*



ALLAN G. FIEGE  
*Student Council  
Jr. Class Treas.  
Sr. Class Treas.  
S.A.E.  
Phi Kappa Upsilon  
Ski Club*

While Professor Beard supervises, students R. Addy and J. Janicki set up a demonstration in the radio communications lab.

While the class looks on, D. Gimbel, R. Rose, and G. Schedl-ower demonstrate the characteristics of an electron tube.



RAYMOND LARSEN  
*Alpha Gamma Upsilon  
Vice-Pres. '57  
President '58  
I-Book*

ROGER D. McCLELLAND

ALLAN J. McLELLAN

HERBERT C. PECK

THOMAS F. PEI  
*S.A.E.  
S.P.E.*





WALLACE N. POPRAVSKY  
*M.S.P.E.*



JOHN W. RIEHL  
*Student Council  
S.A.E.  
Rho Delta Phi  
Ski Club*



RAYMOND A. ROSE  
*Student Council  
Fresh. Pres. '57  
Soph. Treas. '58  
Phi Kappa Upsilon  
I.F.C.  
Tech News  
Ski Club  
Varsity Bowling*



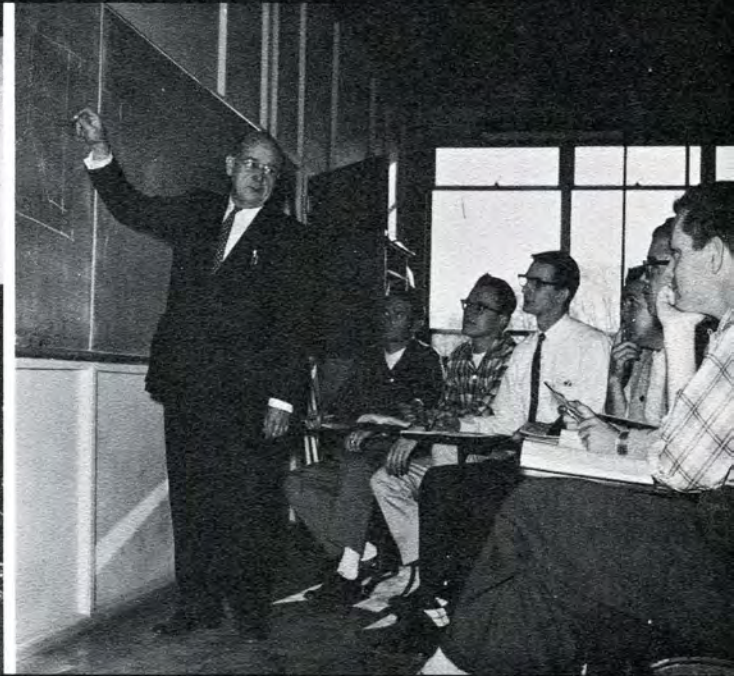
RALPH J. ROTHENHAUSER  
*Kappa Sigma Kappa*



GERALD SCHEDLBOW  
*Rho Delta Phi  
Secretary  
I.F.C.*



During the junior year, EE students can be found spending many hours performing experiments on A.C. machines and circuits.



During their senior year, students reap the benefits of Professor Hancock's instruction on electrical machine design.

DAVID P. SWARTZ  
*S.A.E.  
Ski Club*

MAURICE L. VERMEULEN  
*Student Council  
Vice-Pres. Night '60  
M.S.P.E.  
S.A.E.*

JOHN C. WESLOSKY

DAVID V. WILSON  
*S.A.E.*

GERALD W. WITTE  
*Phi Kappa Upsilon  
Glee Club*





THOMAS J. STACHELEK  
S.A.E.  
Tech News

FRANK A. STANCATO



Three of the participants of the General Electric tour inspect a lighting display.



On an annual field trip to the General Electric plant at Nela Park in Cleveland, Ohio, students are shown many interesting and informative displays.

JOHN WOJDAN  
S.A.E.  
S.P.E.

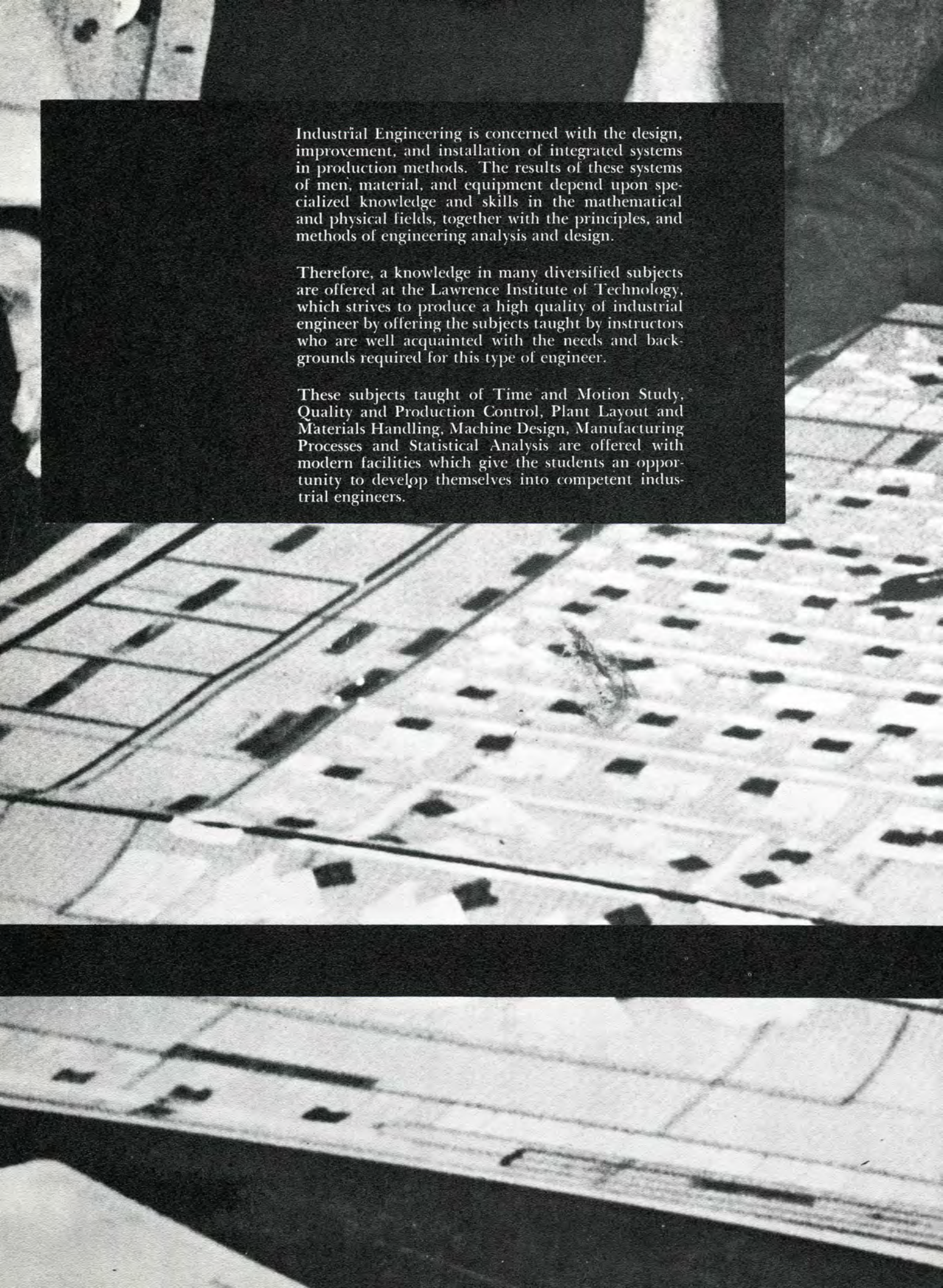
GORDON G. ZEEGERS



SENIORS NOT PHOTOGRAPHED

- CHARLES T. EUOLA
- ROBERT E. FURMAGA
- FRANK GARRITANO
- SAMUEL C. GIBSON
- WILLIAM T. McLAUGHLIN
- WILLIAM H. MOIR
- ROGER G. REASO
- GEORGE H. RECHLING
- JAMES R. RITZEMA
- RICHARD L. SMITH

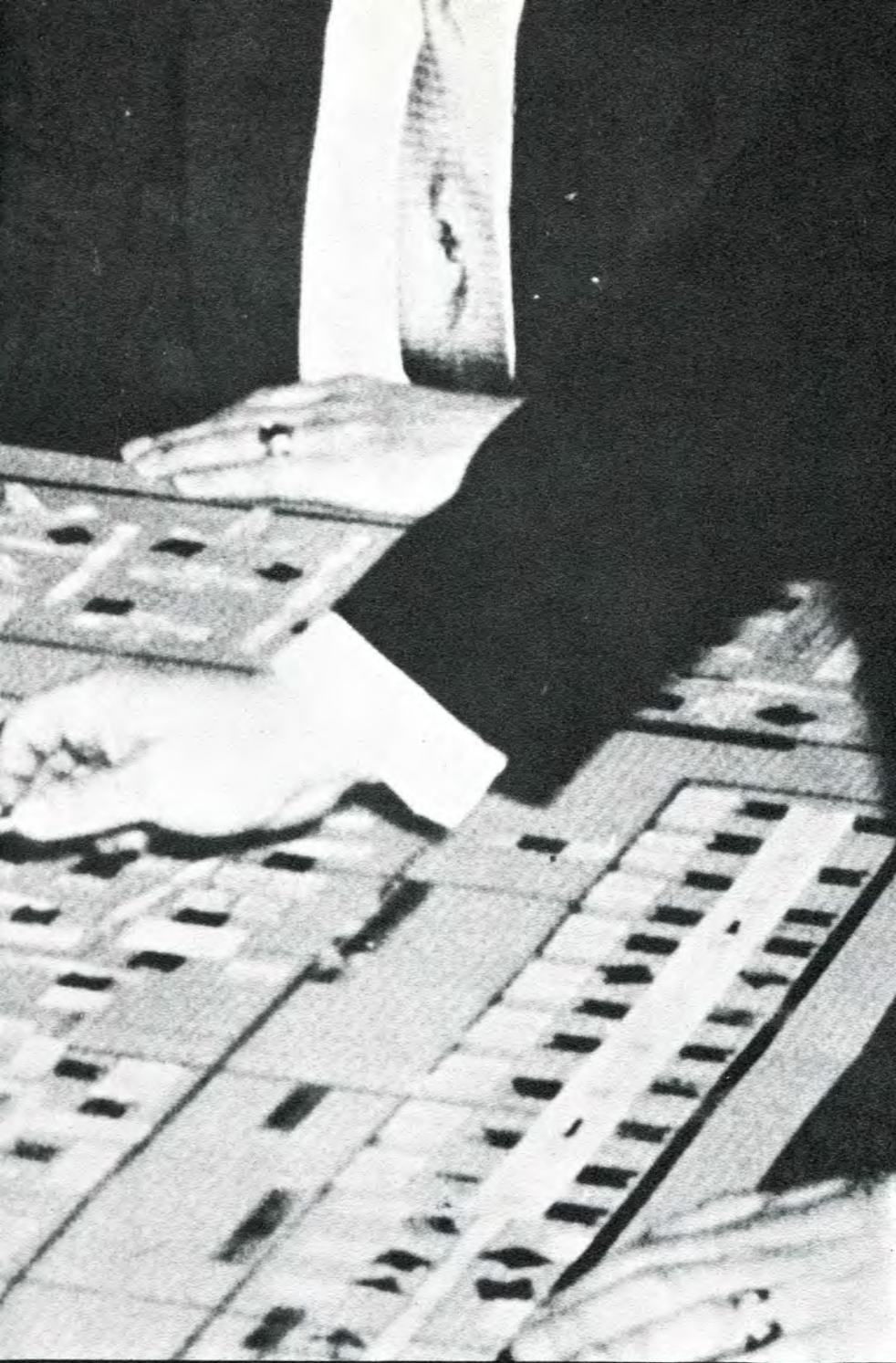




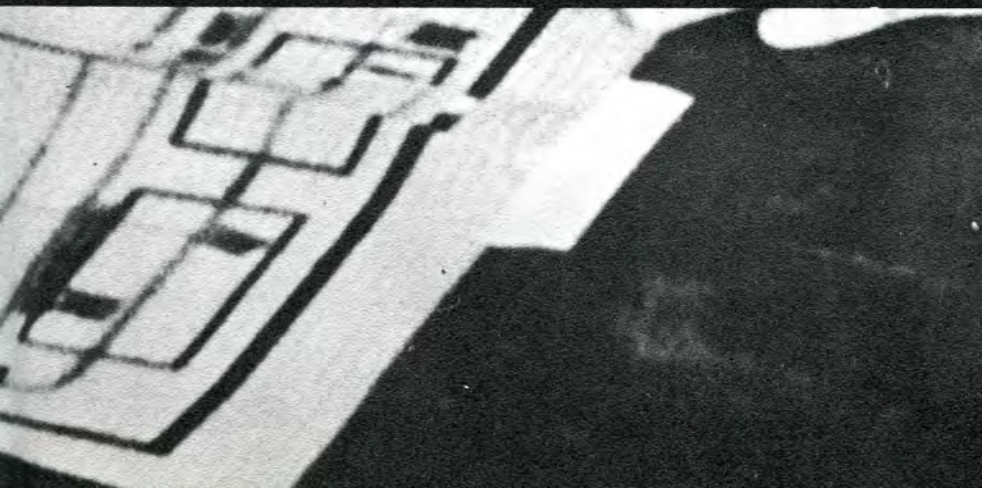
Industrial Engineering is concerned with the design, improvement, and installation of integrated systems in production methods. The results of these systems of men, material, and equipment depend upon specialized knowledge and skills in the mathematical and physical fields, together with the principles, and methods of engineering analysis and design.

Therefore, a knowledge in many diversified subjects are offered at the Lawrence Institute of Technology, which strives to produce a high quality of industrial engineer by offering the subjects taught by instructors who are well acquainted with the needs and backgrounds required for this type of engineer.

These subjects taught of Time and Motion Study, Quality and Production Control, Plant Layout and Materials Handling, Machine Design, Manufacturing Processes and Statistical Analysis are offered with modern facilities which give the students an opportunity to develop themselves into competent industrial engineers.



## INDUSTRIAL ENGINEERING





ALBERT AITTAMA  
*A.S.M.E.*



JAMES P. BRADY



DONALD K. BROOKS  
*Phi Kappa Upsilon*



RAYMOND G. DIETRIC  
*S.A.E.*

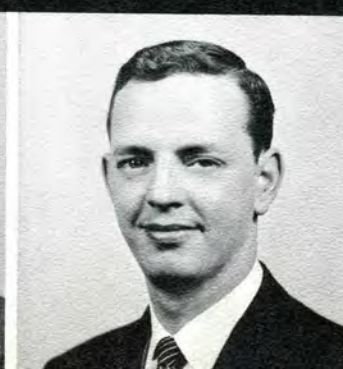


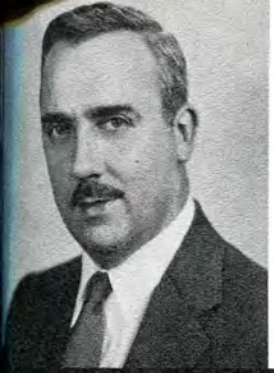
LESTER W. MALINOWSKI  
*Student Council  
Pres. '60  
Class Pres.  
Class Vice-Pres.  
Tech News  
S.A.E.  
Kappa Sigma Kappa Secretary*

DAVID A. MOORE  
*Student Council  
Judicial Chair. '57  
Soph Class Sec.-Treas. '56  
Sr. Class Vice-Pres. '56  
M.S.P.E.  
Phi Kappa Upsilon  
Pres. (Delta) '55*

WILLIAM A. HIETALA  
*Alpha Gamma Upsilon*

GEORGE P. PARKER





JOHN W. FOUCHEY  
A.S.T.E.



CHESTER GIELDOWSKI



LE ROY C. GOGOLIN

SENIORS NOT PHOTOGRAPHED

ALVIN W. ALEXANDROWWICZ  
ROBERT J. CHESNEY  
HAYGAS HAROIAN  
WILLIAM J. O'BRIEN



To plan a new facility requires knowledge of production control, materials handling, industrial psychology, salesmanship, and a basic knowledge of plant layout. With this background, the seniors review plant layout from flow charts to improve plant layout.

Timing the operation of a knot and bolt hand assembly with stop watches indicates the importance of reducing time on the insignificant manufacturing processes. Other techniques in work sampling, predetermined time data, must be studied which require statistical and psychological background.

ELLIOTT D. PLANTE  
*Phi Kappa Upsilon*

GEORGE R. SEEWALD

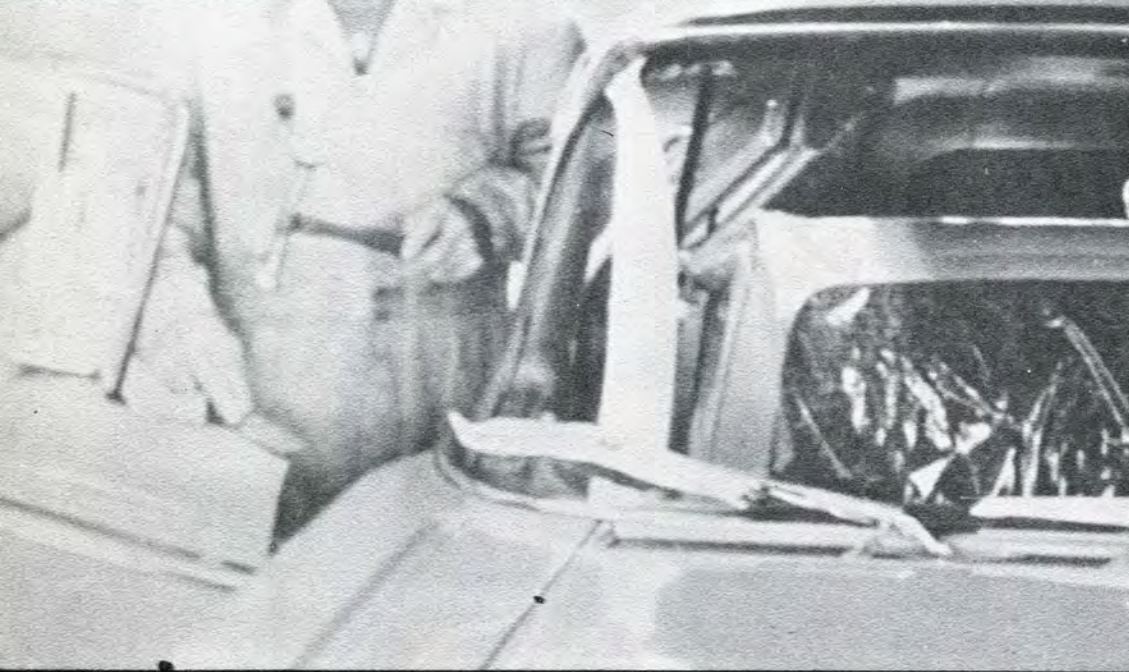
DAVID C. TRAVIS





**DR. EDWIN O. GRAEFFE**  
Department Head

These are the graduates of the Industrial Management College. They have studied diligently and are learned in the principles of management. Prime among their studies have been the planning and control of man, money, and machines. Note these faces well for you will meet them again in the industry of the nation, in the fields of education and finance, and in private enterprises of their own. God gave them minds, Lawrence Institute of Technology gave them guidance, and they gave their devotion. To the faculty and students of the Industrial Management College, this chapter in history is devoted.

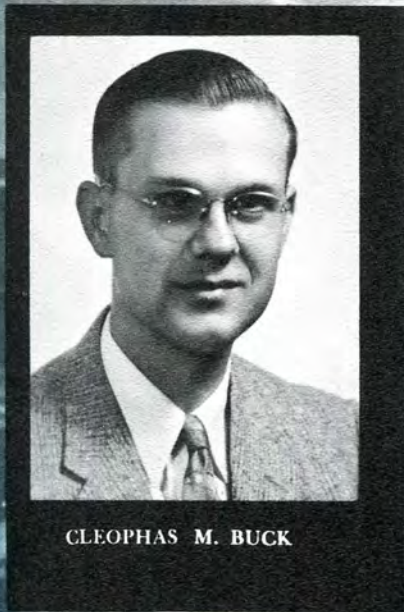


**CHARLES E. BAKER**





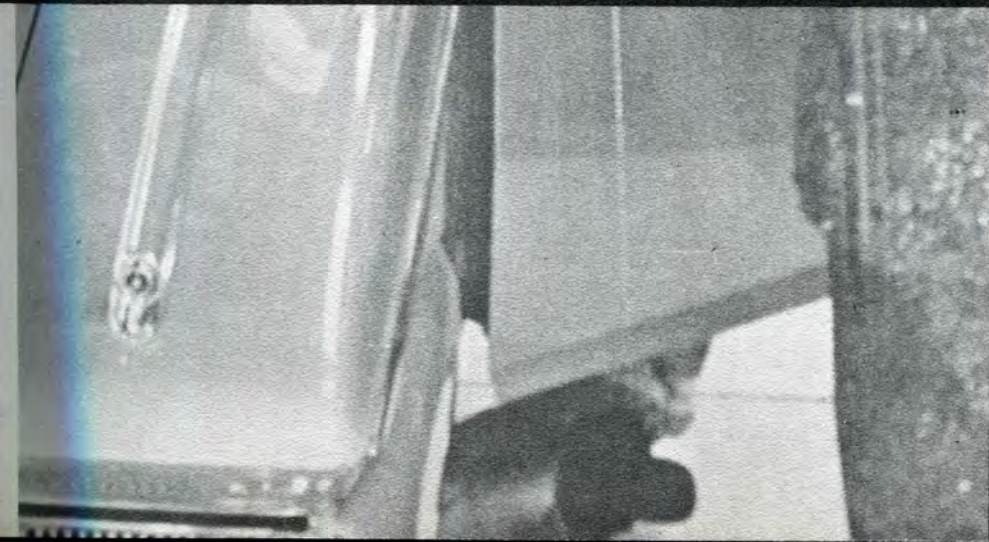
CHARLES DANIELS



CLEOPHAS M. BUCK



# INDUSTRIAL MANAGEMENT





**GERALD AMENT**  
*S.A.M. Sec.-Treas.*  
*Kappa Phi Sigma*  
*Tech News*



**JOHN G. AVEY**  
*S.A.M. Pres.*  
*Kappa Phi Sigma*  
*Tech News*  
*L-Book*  
*Who's Who*



**PAUL BELLEZZA**  
*S.A.M.*  
*Ski Club*



**JAMES P. BROWN**  
*S.A.E.*  
*S.A.M.*



**EDWARD J. BURKE**  
*Lambda Iota Tau*  
*Jr. Class Vice-Pres. '50*  
*S.A.M.*  
*Alpha Gamma Upsilon*  
*Tech News*  
*Who's Who*



**LAWRENCE N. DIGGS**  
*S.A.M.*  
*Ski Club*

**ROBERT R. DRABIL**  
*S.A.M.*  
*Varsity Club*

**MARTIN H. EDELHEIT**  
*S.A.M.*  
*Alpha Gamma Upsilon*

**BENJAMIN K. EMBURY**

**NICHOLAS FAKAROS**  
*S.A.M.*  
*Glee Club*  
*L-Book Staff '60*





**JOHN H. CHAMBERLIN**  
S.A.M.  
Kappa Phi Sigma  
Tech News

**LARRY J. COPE**  
S.A.E.  
S.A.M.  
Alpha Gamma Upsilon

**JAMES D. COTTER**  
S.A.M.

**DANIEL H. CROW**  
Student Council  
vice-Pres.  
S.A.M.  
Kappa Phi Sigma Pres.  
Tech News  
Who's Who

**GERALD L. CULL**  
S.A.M.



Dr. Graeffe devotes considerable time lecturing to the Industrial Management classes on world economics and news worthy items. Policies and politics are subjects of main importance.

Possible young financiers learn the basic principles of accounting under the watchful eye of Mr. Buck. Although balancing books is not as easy as it looks, the students realize that it is becoming easier.



**JOHN H. FORAN**  
S.A.M.

**KEITH E. FRANKLIN**

**DON GALLAGHER**  
S.A.M.  
Ski Club

**JACK C. GUNTHER, JR.**  
S.A.E.  
S.A.M.

**SALVATORE GIACOMA**  
S.A.M.  
Alpha Gamma Upsilon  
Tech News





WILLIAM F. GILLESPIE  
S.A.M.



ARTHUR W. HEFFNER



LESTER N. HEIDMOUS  
*Alpha Gamma Upsilon  
Ski Club*



WILLIAM W. HEDDEN



ROSS HICKS



Mr. Bigart explains theories of philosophers. Problems and solutions are discussed and analyzed. Although the class is theoretical, the problems are real.

Knowledge of plant management is important for future business leaders. Mr. Daniels is instructing students in policies for plants.

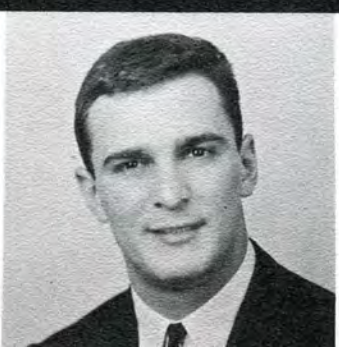
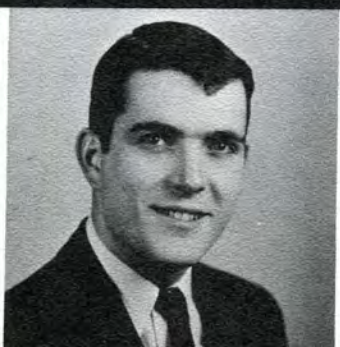
ANDREW T. LITWINOWICZ  
S.A.M.

BRUCE N. LOWERY  
S.A.M.  
S.A.E.  
*Glee Club*

LAWRENCE T. MALEK  
*Alpha Gamma Upsilon  
Varsity Club*

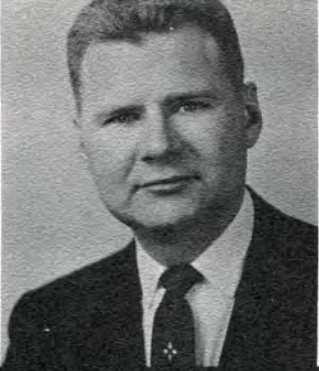
ALBERT S. MARCANGELO

ROGER MESKO  
S.A.M.  
*Alpha Gamma Upsilon  
Pres., Vice-Pres.*





DAVID F. HOYLE  
*Lambda Iota Tau*  
*Student Council Rec. Sec.*  
*S.A.M.*  
*Kappa Phi Sigma*  
*Pres.*  
*Tech News*  
*Who's Who*



ARTHUR L. KOTOWSKI



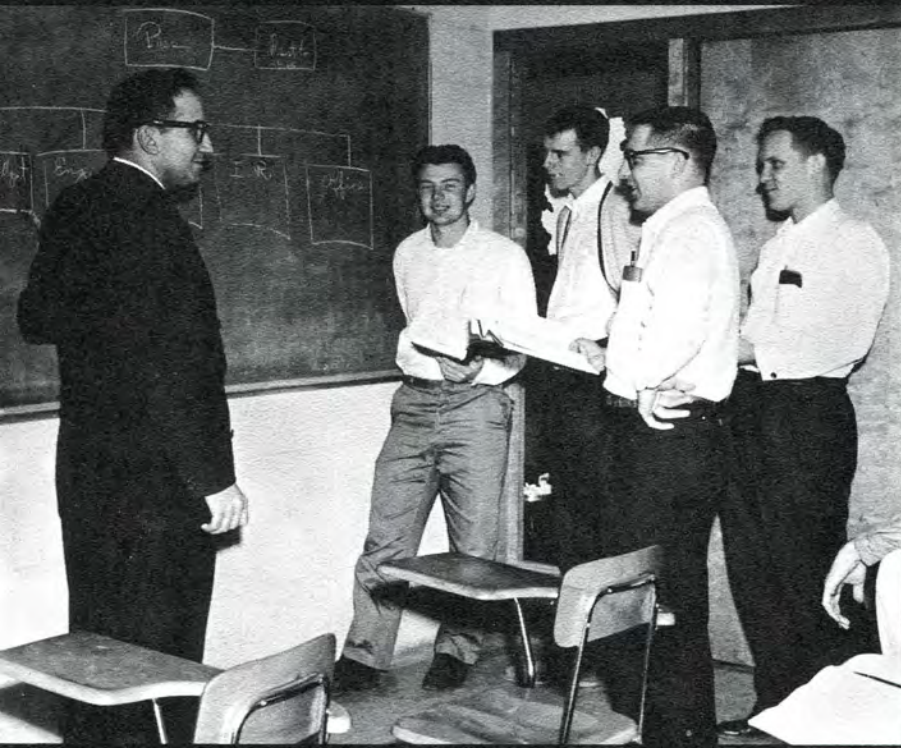
DONALD E. KUSZ  
*S.A.M.*



GERALD F. LEAMON  
*S.A.M.*  
*Phi Kappa Upsilon*



GEORGE C. L...



ROBERT P. MICHALIK  
*S.A.M.*  
*Alpha Gamma Upsilon*  
*Ski Club*

RALPH A. MOLOTKY  
*S.A.M.*  
*Kappa Phi Sigma*

WILLIAM D. MUHLECK  
*S.A.E.*  
*A.I.A.*

JERRY A. NOGY

GERALD L. NICH  
*S.A.M.*  
*S.A.E.*





J. NICHOLAS NOWAK  
S.A.M.



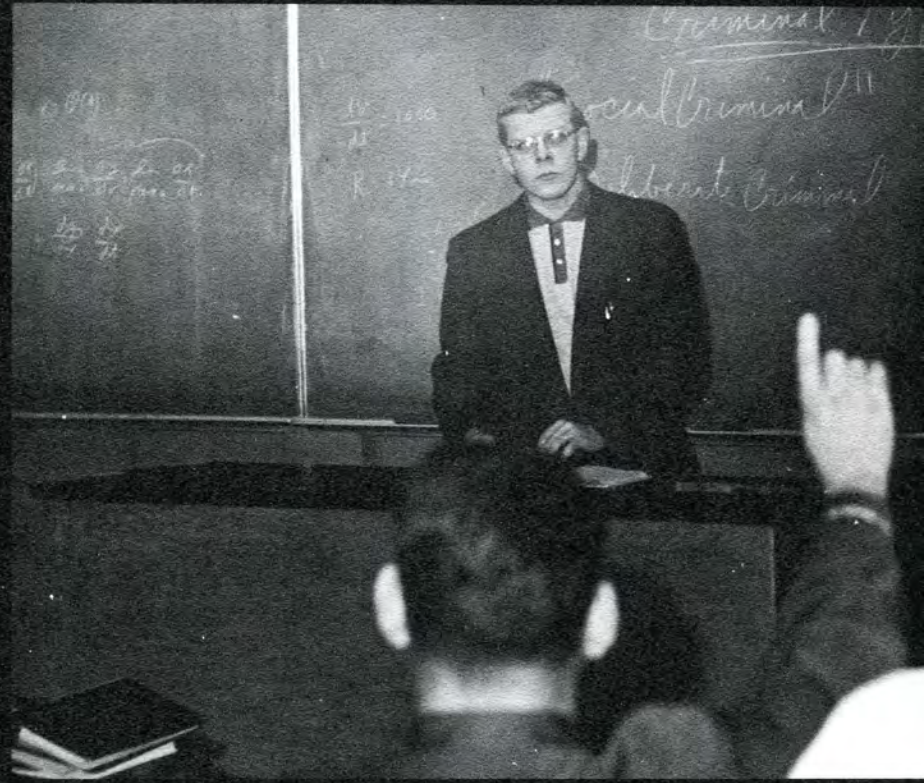
RONALD E. PENNY  
S.A.M.



ROGER POLLAZZI  
S.A.M.  
A.S.T.E.  
Kappa Sigma Kappa



JERRY F. PETERSON  
S.A.M.  
Varsity Club



Problems in personal life and work affect the attitude of the worker. Analyzing problems and solving them are a part of this sociology class. Mr. Forneilus aids the class in solving trial cases.

MARY ANN SPINELLI  
S.A.M.  
S.A.E.  
Tech News  
Cheerleaders

RICHARD SOBIECHOWSKI  
S.A.M.

WILLIAM L. SURBROOK  
S.A.M.  
Kappa Phi Sigma

RUSSELL T. UNGER  
S.A.M.





**CHARLES N. OTTO**  
*S.A.M.*  
*S.A.E.*  
*Phi Kappa Upsilon*  
*Tech News*  
*Glee Club*



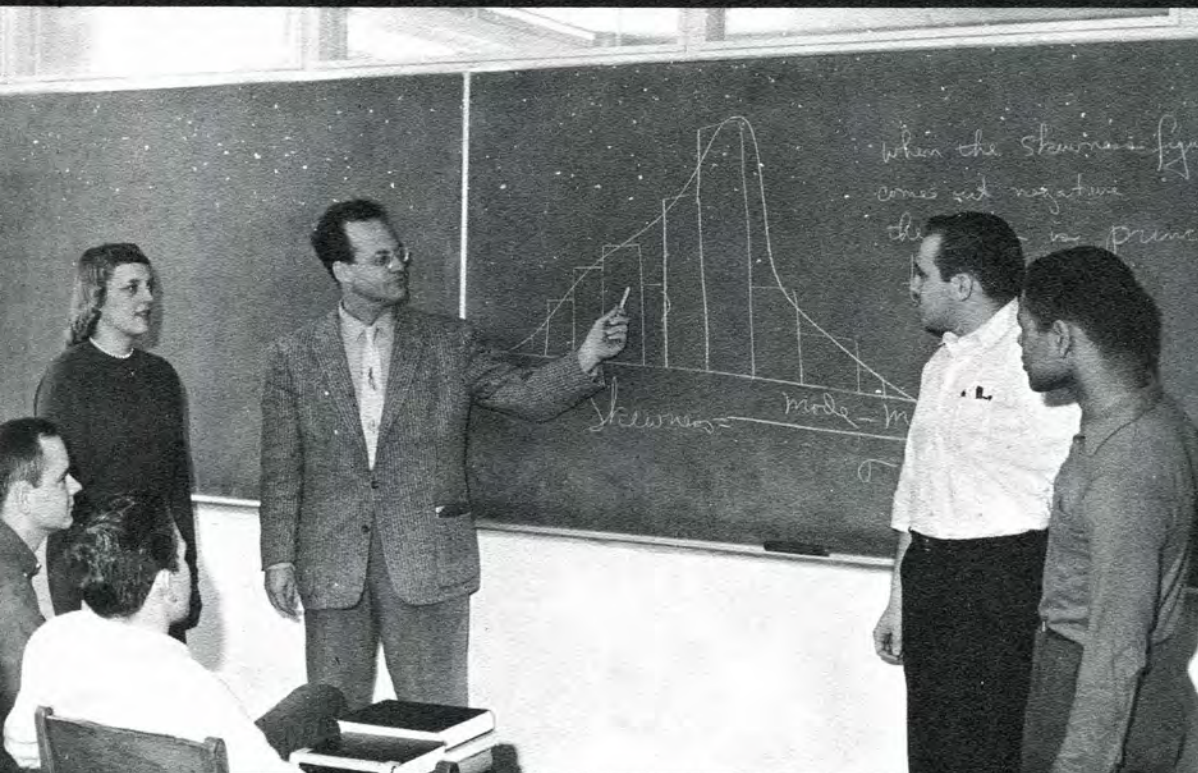
**D. RICHARD RUSAS**  
*Jr. Class Sec. '58*  
*S.A.M.*  
*Alpha Gamma Upsilon*



**DANIEL SIWULA**  
*Varsity Club*



**JOHN L. SMITH**



Graphs and mathematical formulas give solutions to problems concerning industry and manufacturing. Trends and cycles are analyzed and discussed.

**ARA VARTABEDIAN**  
*S.A.M.*

**JOHN D. WILLIAMS**

**KENNETH J. WUEPPER**

**ALEXANDER J. ZADOROZNY**  
*S.A.M.*



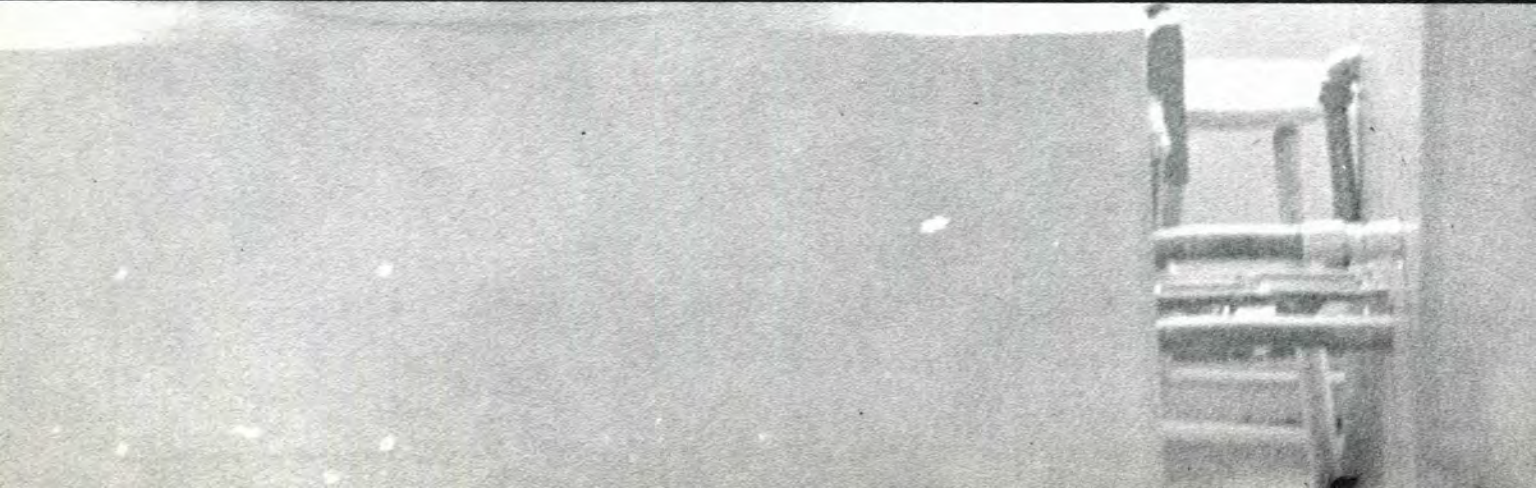
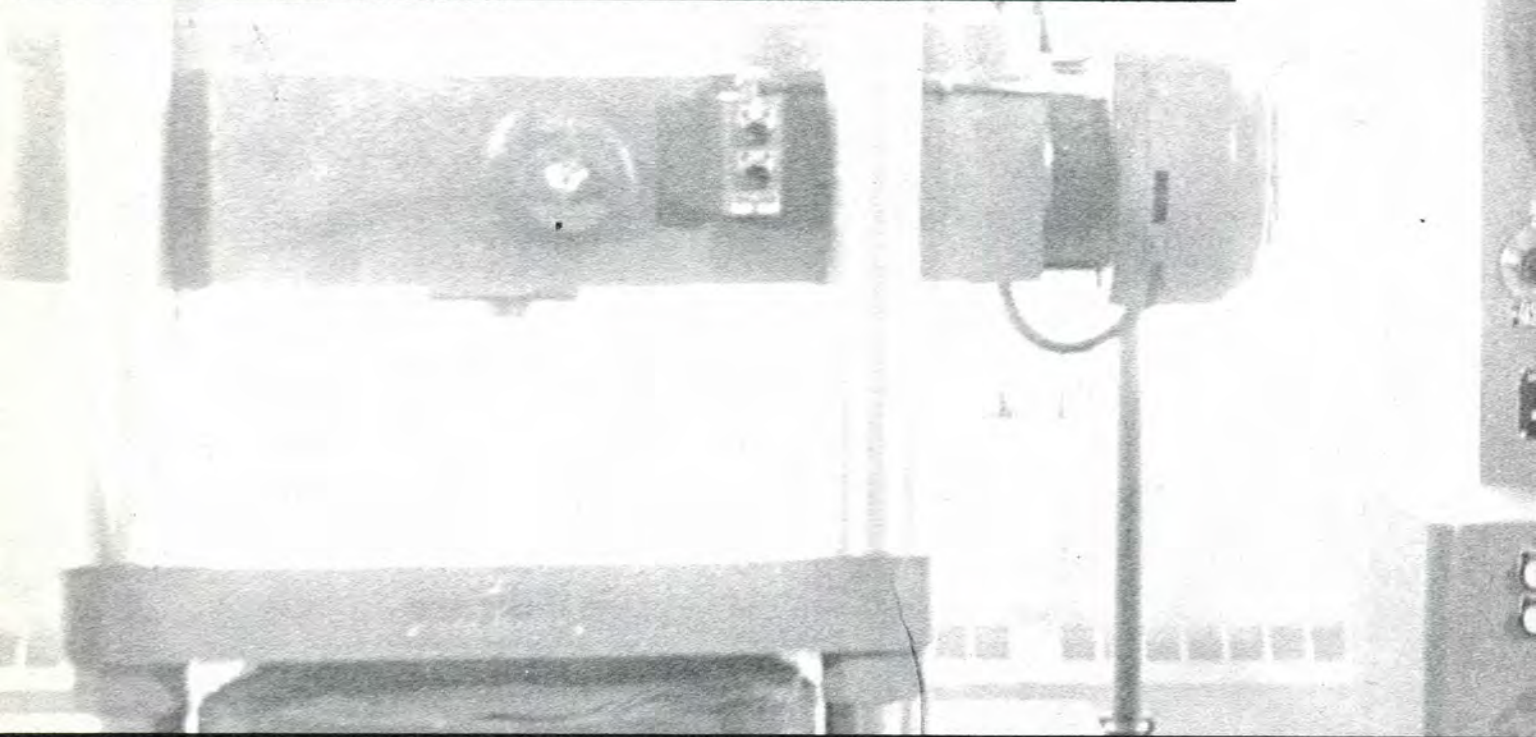


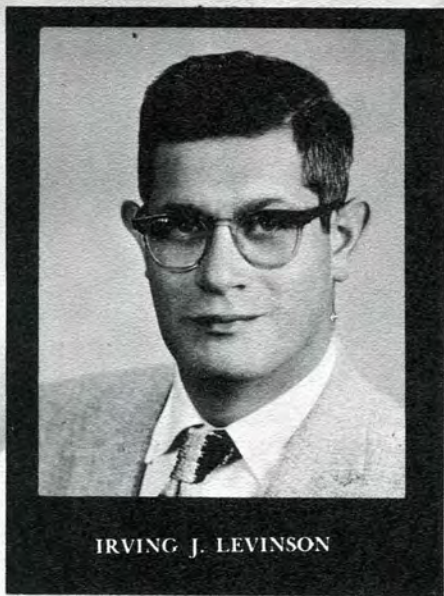
HANS G. ERNEMAN  
*Department Head*

The purpose of the mechanical department is to give the student the ability to solve various problems which may arise in his career by stressing (1) a clear background of scientific theory, and (2) practical demonstration of theory closely connected to various applications.

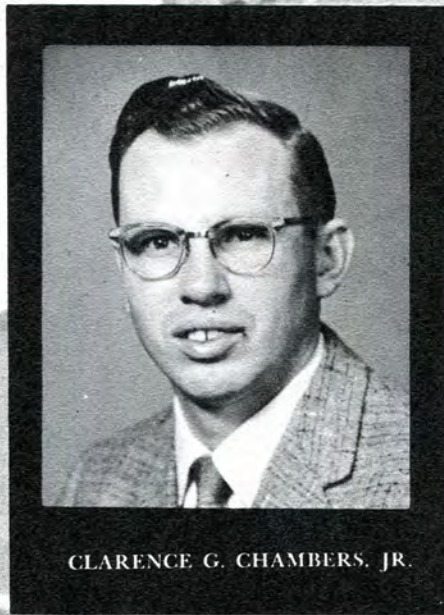
The first two years of a M.E. major give him the basic fundamentals for advanced subjects. He then begins to specialize by taking courses such as mechanisms, thermodynamics, machine design, gas turbine analysis, stress analysis, and machine analysis.

At the end of four years at Lawrence Tech, the mechanical engineering student has acquired the necessary background in theory to enable him to put his knowledge to work for his future employer.





IRVING J. LEVINSON



CLARENCE G. CHAMBERS, JR.

MECHANICAL ENGINEERING



ALLEN ABKE



CHARLES R. ALLMEN  
*S.A.E.*



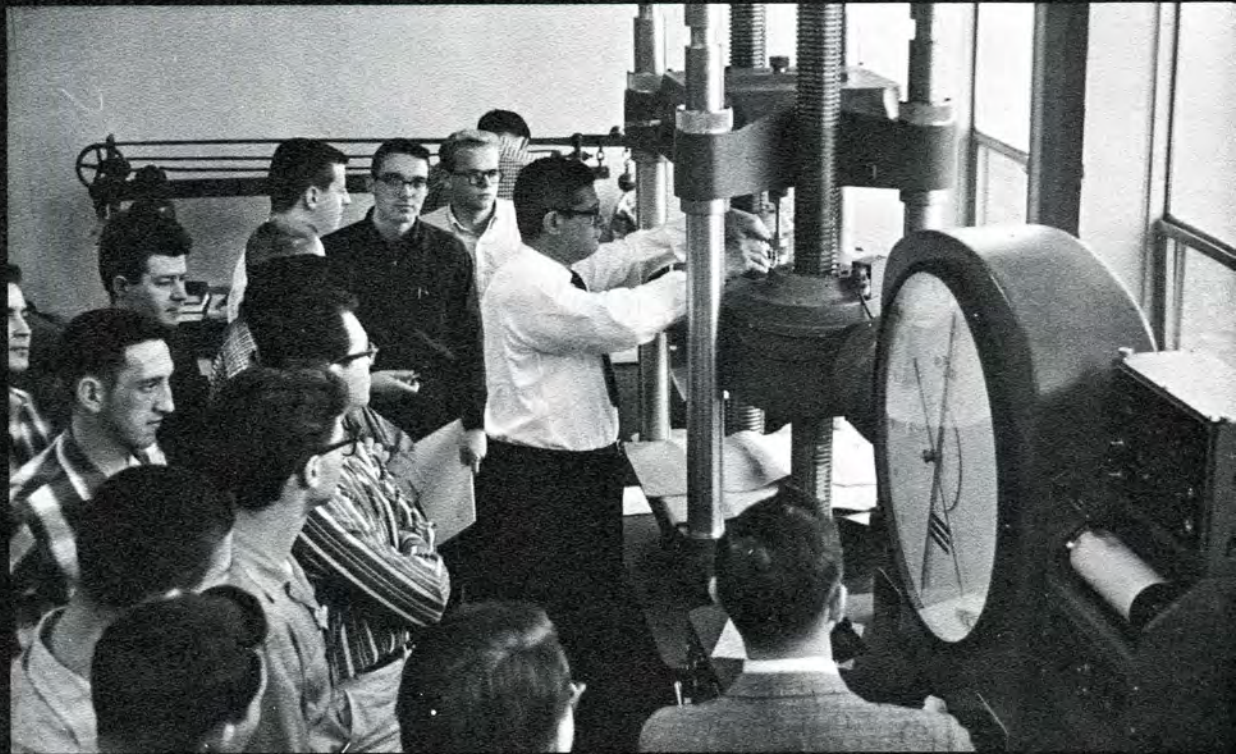
ROBERT L. BOORN  
*S.A.E.*



RICHARD D. BOSWORTH



EDWARD O. CASCARDO  
*S.A.E.*  
*Kappa Sigma Kappa*  
*I.F.C.*



RICHARD C. GETOOR  
*S.A.E.*

RUDOLPH GOLLA  
*Student Council*  
*Rho Delta Phi*

JAMES C. GRAHAM  
*S.A.E.*  
*A.S.T.E.*

ROY R. GYGER

TEDDY J. HAJJAR  
*S.A.E.*  
*Alpha Gamma Upsilon*





RICHARD G. DUNLOP

CODA M. EDWARDS  
S.A.E.  
M.E. Club

CLARK W. EWING  
Student Council

WILLIAM J. FLOWER  
S.A.E.

DAVID W. GADI

↑

Arthur Hogan

↑  
Frank  
Karasiusk

Mr. Levinson is shown placing a test specimen in the new testing machine acquired by the mechanical department. This machine is one of the largest of its kind in Michigan, and has a number of distinct features. One of the biggest features is its 400,000 pound load capacity; another is that the stress-strain curve is automatically drawn as the specimen is being tested. The actual operation of the machine is relatively simple. The load is applied by a hydraulic piston located in the rear of the machine and is measured very accurately by the electrical strain gage. Without a doubt this unique tester will be a big asset to Lawrence Tech for a long time to come.

~~Not Art Hogan~~

Clark W. Ewing

↓

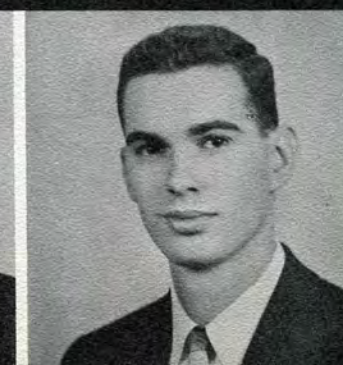
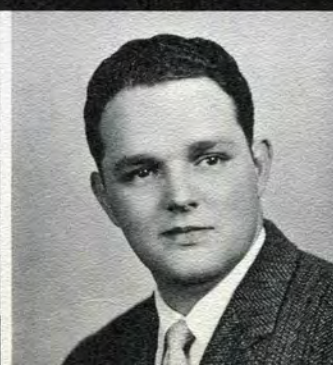
JOHN W. HARPER  
S.A.E.

CURTIS E. HAY

ARTHUR V. HOGAN

CHRISTOPHER G. JANSSENS  
S.A.E.

FRANK C. KARASINSKI  
Varsity Bowling  
Kappa Sigma Kappa







KENNETH KNUDSEN



DONALD L. KRAMER



VIRON LEFTY  
*Jr. Class Sec. '57*  
*L-Book*  
*I.F.C.*  
*Phi Kappa Upsilon*  
*M.E. Club*



CHRISTIAN F. MADSEN  
*Rho Delta Phi*



JOSEPH MAIURI



Mr. Erneman, assisted by Tom Butler, Chris Madsen, Frank Karasinski, Ed Cascardo, and Ted Hajjar, is lowering a buoyancy specimen into a water filled tank. This specimen simulates the buoyancy of a ship, and is a basic experiment in fluid mechanics.

DAVID C. MORRISON  
*S.A.E.*  
*Alpha Gamma Upsilon*

TRUMAN L. NEW  
*M.S.P.E.*

HENRY G. NIEMI  
*Student Council*  
*Rho Delta Phi*

DAVID H. PARKA  
*Phi Kappa Upsilon*

LAWRENCE C. PECK  
*S.A.E.*  
*Alpha Gamma Upsilon*





**FRANK MALINOWSKI**  
*Student Council*  
*I.F.C.*  
*Phi Kappa Upsilon*



**JOHN P. MARKWICK**



**WILLIAM R. MARTIN**



**ALLAN J. McLELLAN**



**WILLIAM M.**  
*Honor So.*  
*A.S.T.E.*



Dave Morrison, Jim Tracy, Clark Ewing, Dale Raffler, and Bob Smith look on while Mr. Chambers points out the operation of a motor-generator type of dynamometer. The dynamometer is used to check the performance of internal combustion engines.

**BERTIL L. PERSSON**  
*S.A.E.*

**KENNETH R. POZOLO**  
*S.A.E.*

**DALE RAFFLER**

**JOSEPH B. REGAN**  
*Student Council*

**WILLIAM R. R.**





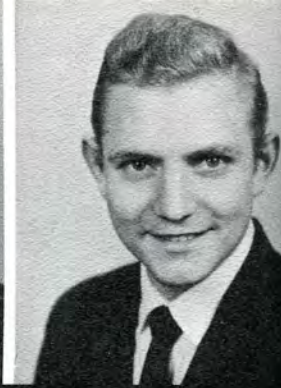
GERALD C. ROLL



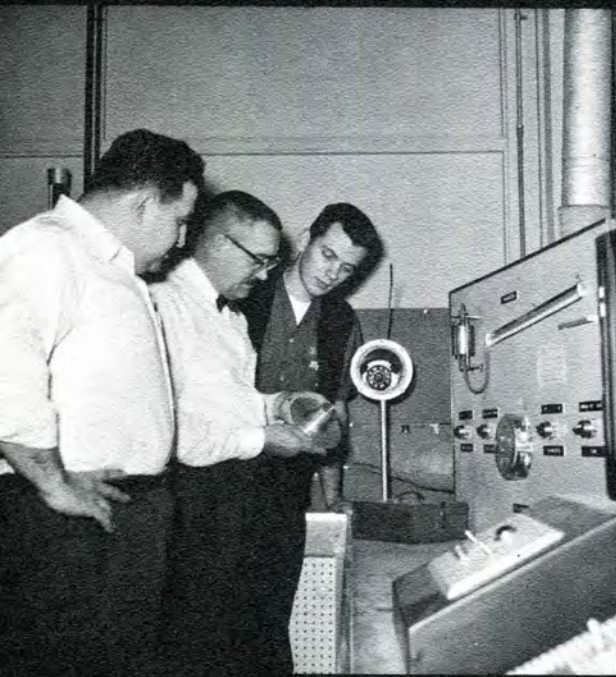
THADEUS RUSINOWSKI  
*Phi Kappa Upsilon*



RAYMOND SKIBA



WILFORD K. SLACK



Mr. Erneman is discussing a flow nozzle, which determines the flow rate of a fluid, with Ted Hajjar and Frank Karasinski.



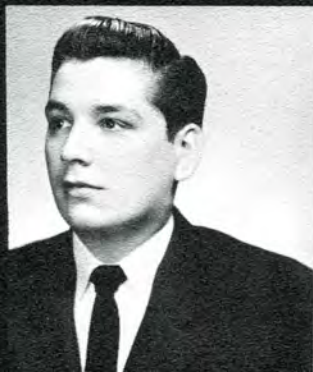
Mr. Chambers is discussing the control panel for the dynamometer with William Flower, Curtis Hay, Bob Smith, Dave Gaden, and Allen Abke. The control panel measures the fuel-air ratio and the volumetric efficiency of internal combustion engines.

JAMES V. TRACY  
*Kappa Sigma Kappa*

HARRY URBANEK

ARTHUR R. VAN STEELANDT  
*S.A.E.*

FLOYD J. WHITE  
*Student Council  
Tech News  
Sr. Class Pres. '60  
Phi Kappa Upsilon*





ROBERT W. SMITH

JACOB J. SOKOŁOWSKI

FRED J. TAKAVITZ



Mr. Chambers demonstrates the use of torsional fatigue machine. This machine gives reverse or single loading and, as the name implies, measures the torsional fatigue of a specimen. Watching are William Flow, Allen Abke, Dave Gaden, Thadeus Rusinski, and Curtis Hay.

RONALD R. WISNER  
S.A.E.

IVAN D. WOODHULL

SENIORS NOT PHOTOGRAPHED

BOB H. ALTON

GEORGE L. BAASO

WILLIAM CECELSKI

GERALD GANCER

JAMES L. GRANGER

JACK GRILLMAN

HOWARD J. HILDENBRAND

RICHARD WASSERMANN



# MATHEMATICS

The Mathematics Department at Lawrence Institute of Technology has a program designed to give the engineering student the theory necessary to formulate engineering problems, and the educational tools necessary to apply the theory to practical applications in the various divisions of engineering.



EDMUND JOSITAS



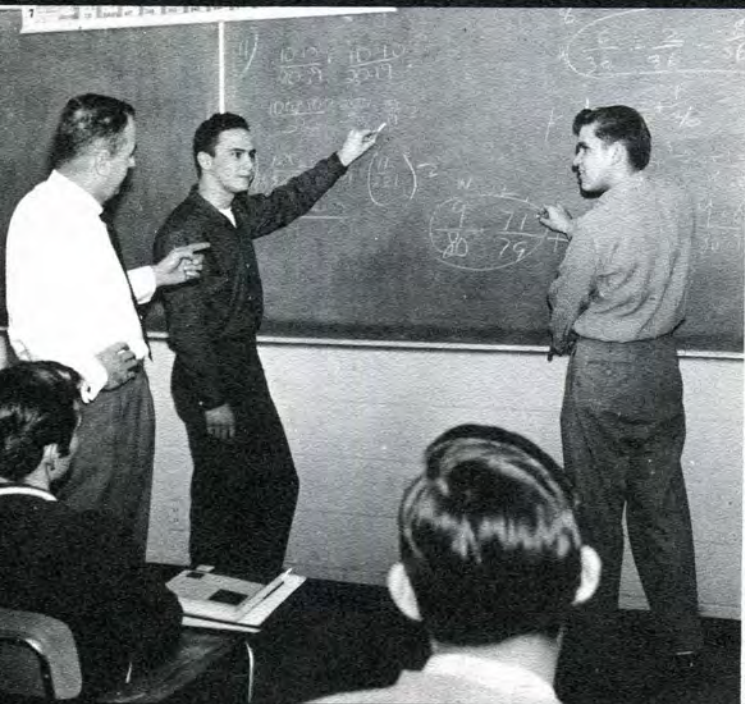
HENRY W. NACE  
Department Head



ROY W. SCHENKEL

Mr. Jositas puts his students to work as they practice the difficulties encountered on previous homework.

Mr. Schenkel holds many class discussions in order to get across the theory of mathematics.





Mr. Nace and his staff are always willing spend a few moments explaining the theory of mathematics to the students whose questions go further than the class room door.

Misfortune like this sometimes happen. students study right up until the last moment before an exam, only to find that when they completed the test, the material in question is different.



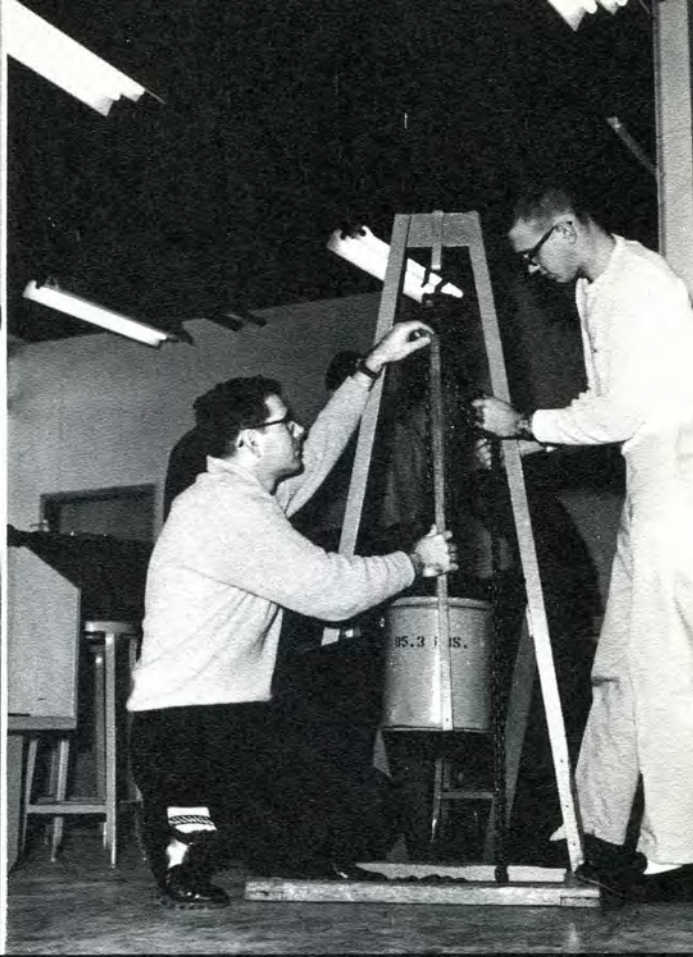


JOHN MACROPOL  
Department Head

## PHYSICS

Many of the students who are following technical programs find Physics is one of the most challenging, but rewarding, subjects offered to them. Engineering Physics, Modern Physics and Nuclear Engineering are three courses which are offered to the students before graduation. Each one of these is one year long and is intended to furnish the student with a well rounded back ground in this ever growing field.









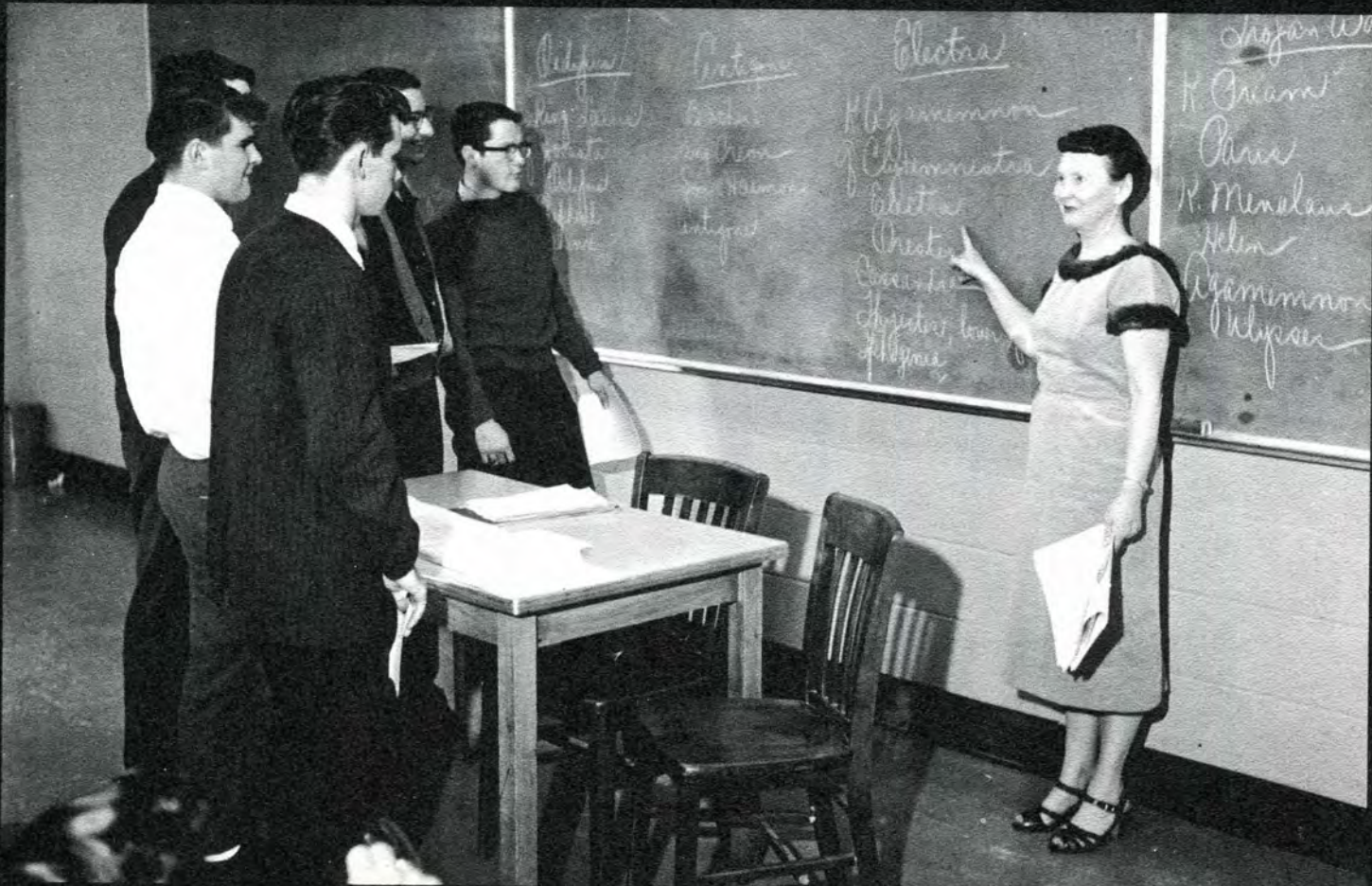
HERBERT G. WILLIAMS  
Department Head

# ENGLISH

The English Department at Lawrence Institute of Technology is designed to cover the needs of the graduates in the various fields of specialization and, in addition, to offer the stimulation of thought in the ways of life, as reflected in the great literatures.

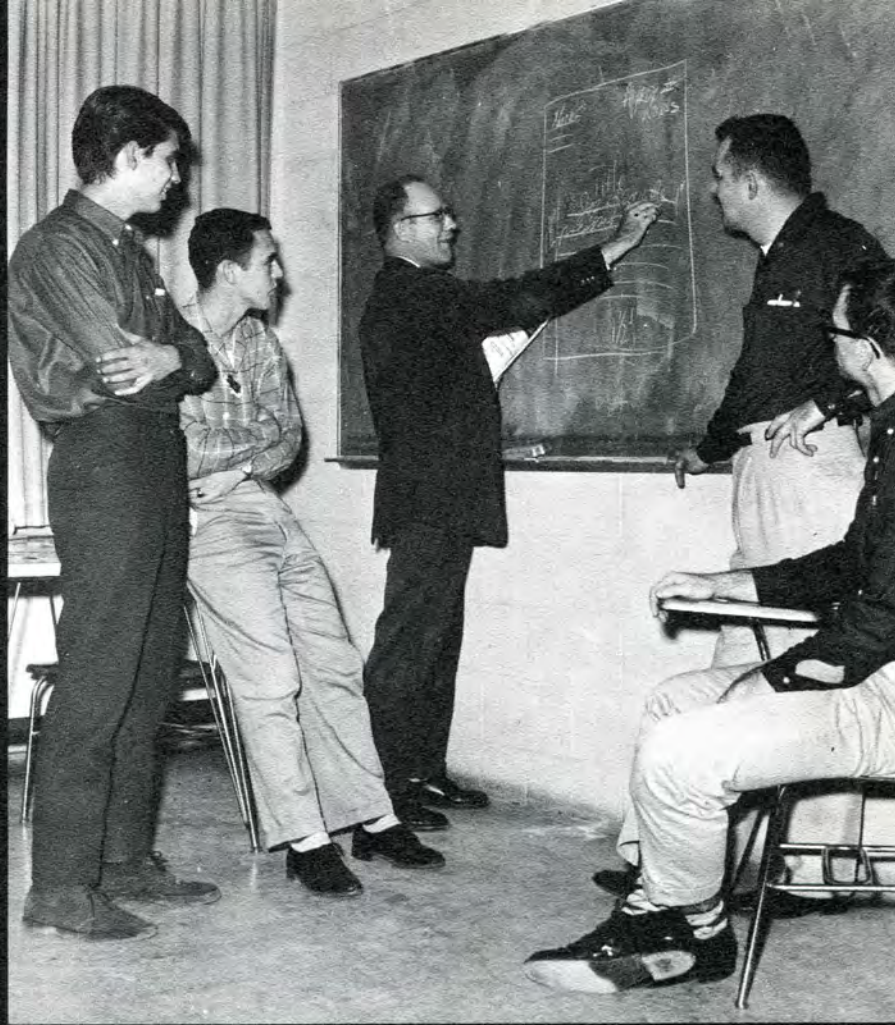


ZENOBIA BARTLETT





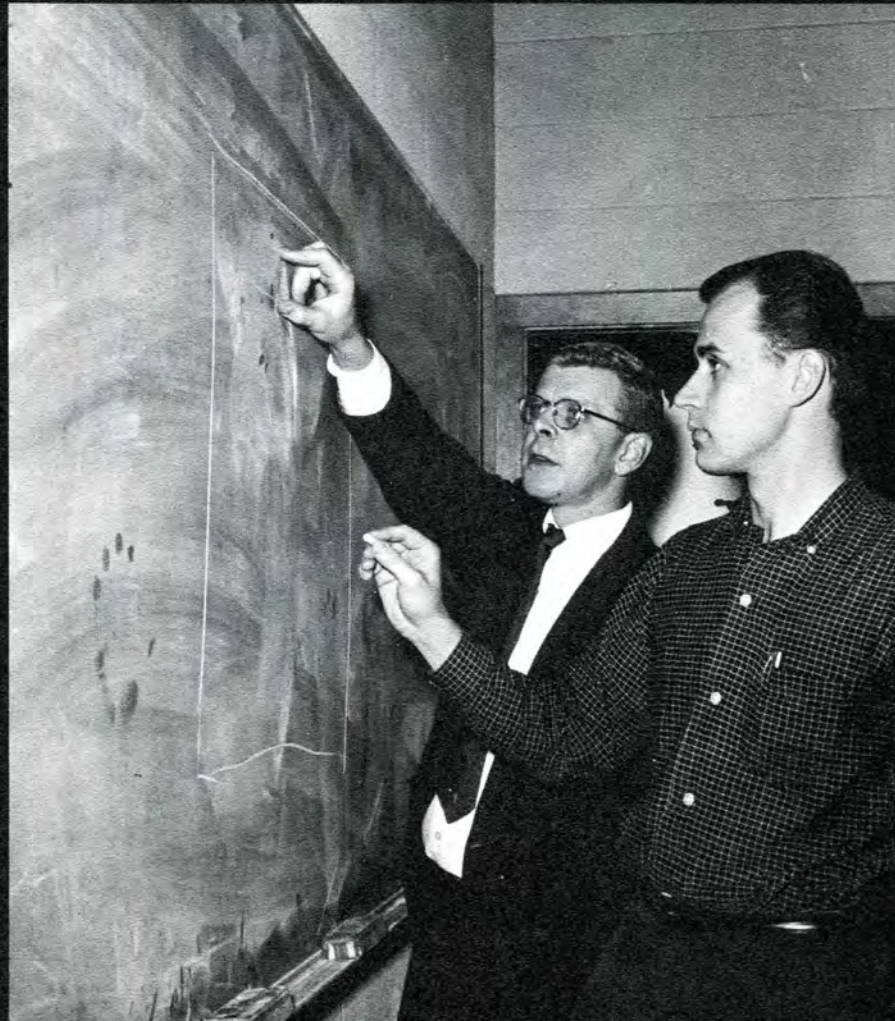
WILSON DAUGHERTY



CARL FERNELIUS

Ideas are always easy to come up with, but when the student is asked to put them down on paper, he finds that only long hours and hard work are the answer.

Although the English Department's main purpose is the teaching the fundamentals of grammar, it also strives to give the student a well rounded background in letter writing, technical report writing, and history. Mr. Fernelius explains in his letter writing course that using one of the proper letter forms is the basic fundamentals of a resourceful letter.





KENNETH A. SNOBLIN  
Department Head

## ENGINEERING DRAWING

A competent engineer uses three languages — verbal, mathematical and graphical. By use of any or all he communicates his thoughts to others. It is the purpose of the engineering graphics department to prepare engineering students in this area. The knowledge of graphical expression is equally important whether the engineer engages in the drafting functions or supervises them.



Mr. Snoblin is always ready with a helping hand whenever one of his students runs into a problem that concerns drafting.





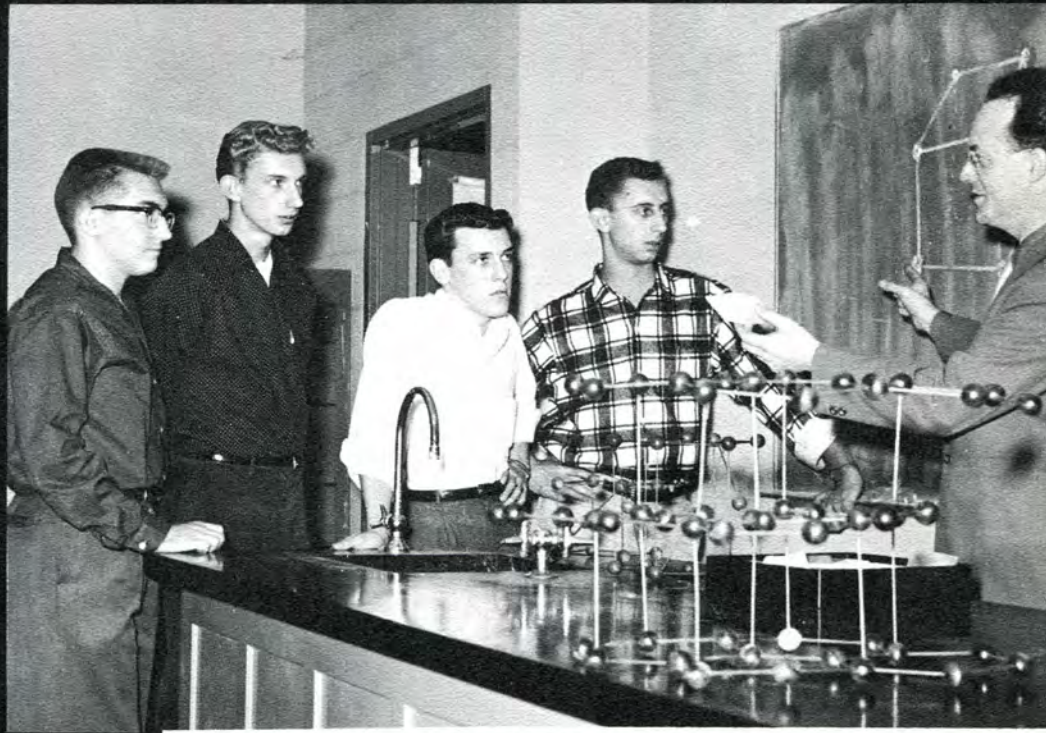
LOREN M. KNOWLES  
Department Head



JOSEPH E. TAKKEN

# CHEMISTRY

Although the Chemistry program at Lawrence Institute is condensed, it provides the student with a broad, usable knowledge of the nature of matter, the laws of chemistry, and the inter-relationships of engineering substances, processes, and theories.

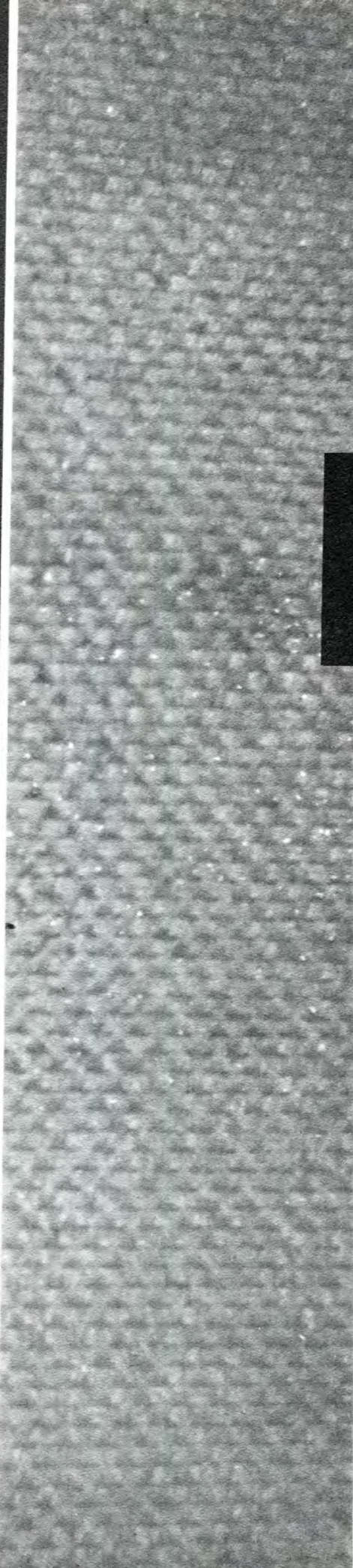


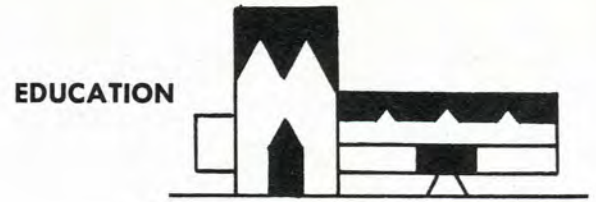
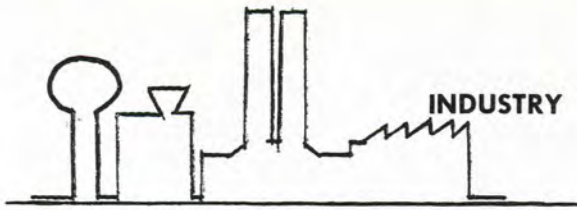
Mr. Knowles, using models and sketches, explains the theory of the atom and its components to a group of new students.

Doctor Takken shows a group of freshmen the old workings of a chemical equation.







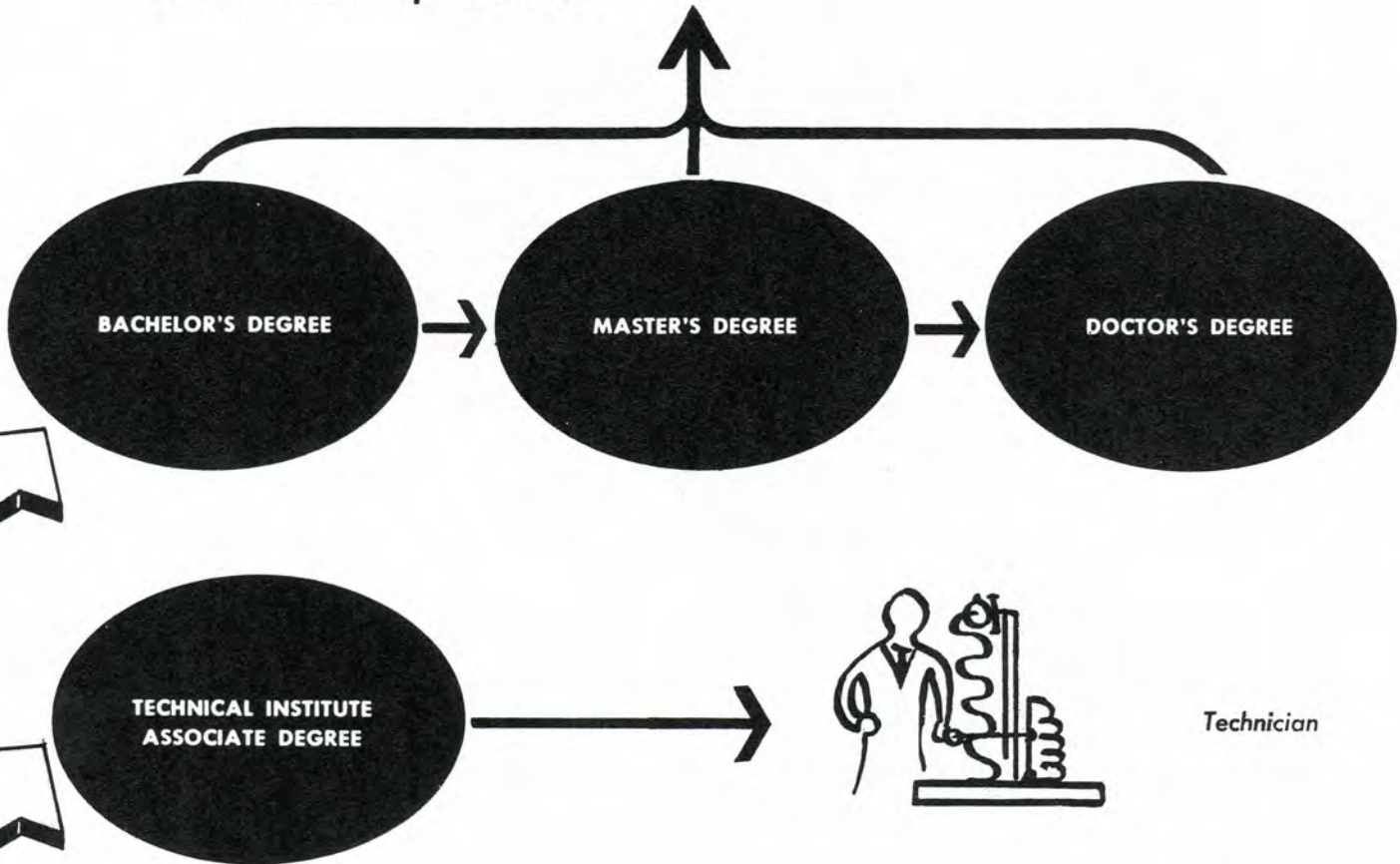


TYPICAL POSITIONS

ENGINEERING	RESEARCH
CHIEF ENGINEER	DIRECTOR OF RESEARCH
ASSISTANT CHIEF ENGINEER	DEPARTMENT HEAD
SENIOR ENGINEER	RESEARCH ASSOCIATE
PROCESS ENGINEER	RESEARCH ENGINEER
DESIGN ENGINEER	PHYSICIST
JUNIOR ENGINEER	CHEMIST
ENGINEER-IN-TRAINING	MATHEMATICIAN

TYPICAL POSITIONS

COLLEGE	SECONDARY
DEAN	SCIENCE DEPARTMENT HEAD
DEPARTMENT HEAD	SCIENCE TEACHER
PROFESSOR	
ASSOCIATE PROFESSOR	
ASSISTANT PROFESSOR	
INSTRUCTOR	



## TECHNICAL INSTITUTE

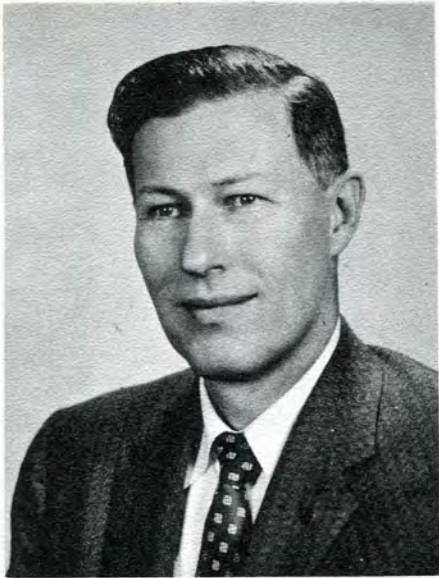
The Engineering Technician is American Industry's answer to the need for specialized engineering personnel. He is the man most sought after for specialized engineering work in industry today.

The Technical Institutes have curricula designed to train these valuable engineering technicians.

The Engineering Technician must have a working knowledge of the problems that confront industry.

Through actual experience they develop reasoning ability, judgement, and self-confidence so that they can apply the knowledge they have acquired to practical problems and produce satisfactory answers.

Courses in mechanics, physics, electricity, mathematics, technical drawing, and English form the educational background for the engineering technician. These courses closely parallel engineering college courses.



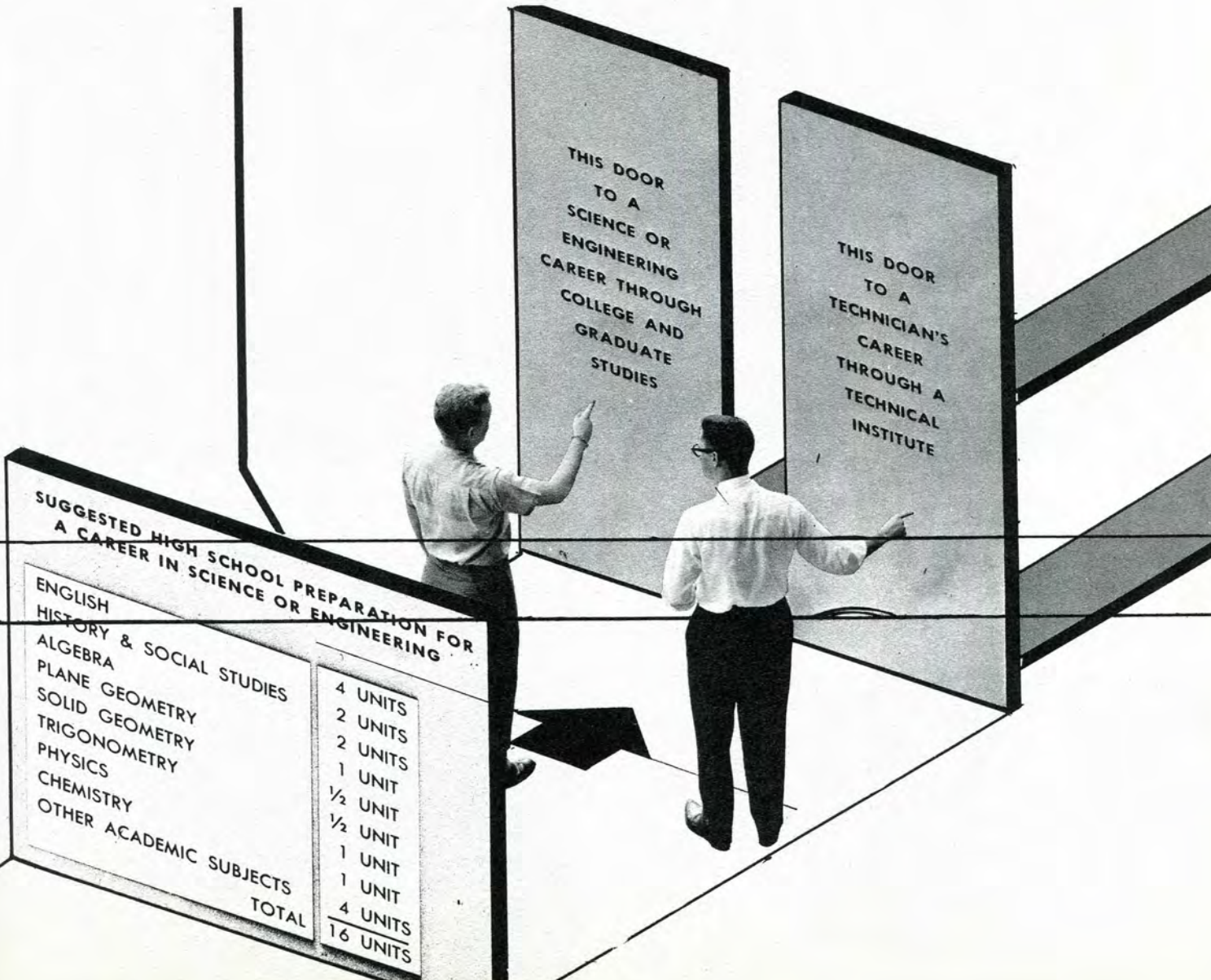
MR. ARTHUR D. HART

DIRECTOR of THE  
TECHNICAL INSTITUTE  
DIVISION

Mr. Hart received his B.S.E.E.  
degree from L.I.T. in 1937.

ASSOCIATE IN  
ENGINEERING

A specialized degree is awarded  
the student satisfactorily com-  
pleting the program of his  
choice.







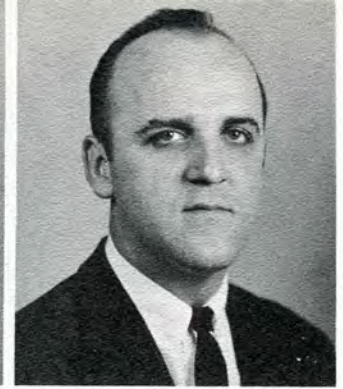
JOEL W. BAILEY



ROBERT M. GERDS



WILLIAM H. HALL



GERALD R. KRUPINSKI

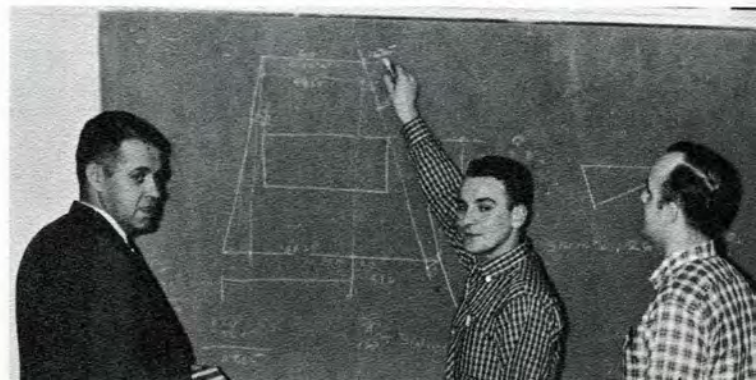


Mr. Noetzel answering Krupinski's question of a possible problem in the construction of this project.

Mr. Noetzel and students comparing specifications with layouts.



Class participation is a familiar phase of lectures.





LARRY W. PICKELL



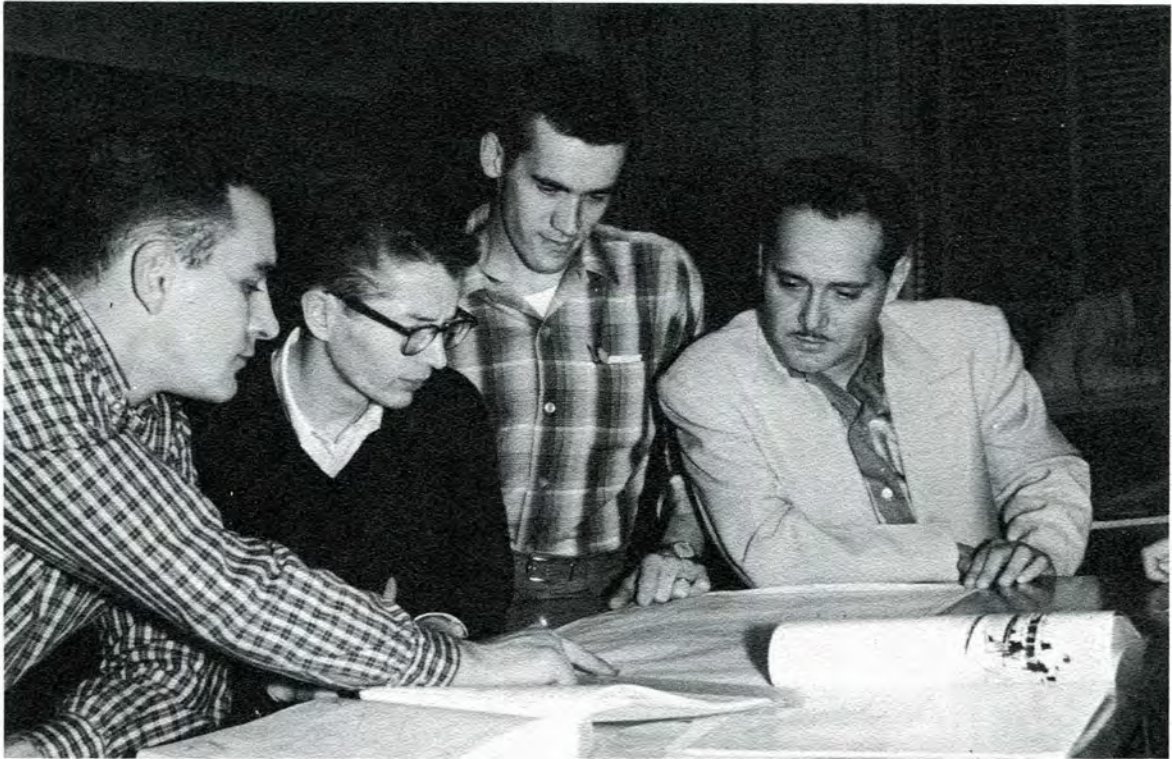
LEOBARDO V. RUBIO



BRUCELL SMITH



ARTHUR C. ZIEMANN



Informal sessions before and after classes are popular among students. This is also a familiar site after an exam.

## BUILDING CONSTRUCTION

### SENIORS NOT PHOTOGRAPHED

JOHN R. CROGHAN  
ROBERT A. HAWLEY  
ROBERT E. JARRARD  
ROGER D. McCLELLAND

Building construction technology is concerned with the design, supervision and construction of industrial, commercial, municipal, government and residential buildings.



JOHN ANTOS



ROBERT J. BELHORN



BERNARD CHMURA



RALPH C. CLEMENT



JOSEPH H. CORDT



Mr. Toth looks on during a test in the lab. Labs such as this are vital to the learning Electrical Technician.

WILLIAM E. DEAN  
S.A.E.



JOHN L. FRYE, JR.



ROBERT W. GARRISON



JOHN HAMILL



WILLIAM P. HARMALA





FRANK L. HIBBERD



CHARLES HORN



FREDERICK C. JOHNSON



VACYS JOMANTAS



DONALD S. NAPPE



Many hours are spent in the lab learning the practical application of electricity and electronics.

## ELECTRICAL TECHNOLOGY

SENIORS NOT PHOTOGRAPHED  
DAVID A. FOLEY  
ROBERT S. MAZUREK  
BRUCE B. ROBERTS  
BERNARD F. YANDURA

Electricity serves almost everyone in some way. Electricity is the most important ingredient in automation. It lights our homes, offices and factories. It operates our appliances and machinery.



DONALD F. O'KEEFE



MARION R. PAVLAK



DIAMOND ROSE



CHESTER J. SAWLE



KENNETH B. SMELEWSKI

A well equipt lab helps the technician remove the doubts he may acquire during lectures.





CHARLES SOUDERS, JR.



ROBERT E. STONER



CLIFFORD J. STOREY, JR.



MARVIN L. STRZYZEWSKI,



MARVIN L. TRYL



How can you be watching Soupy Sales on that thing? He's not on. Anyway that's not a television set.

JOHN J. UDVARDY



WILLIAM HALL WARD



DONALD J. WHALEN



LARRY A. WILLIAMSON



HAWARD E. YEK





LAWRENCE E. ADAMS



CALVERT D. BATES



CHARLES S. BELLMORE  
*Sigma Kappa Psi*  
*A.S.T.E.*



EZELL BURGESS  
*Sigma Kappa Psi*



JACK W. CHETTLEBURGH



Mr. Gil Herman illustrates methods and equipment used for material handling to the Seniors of Class of February '60.

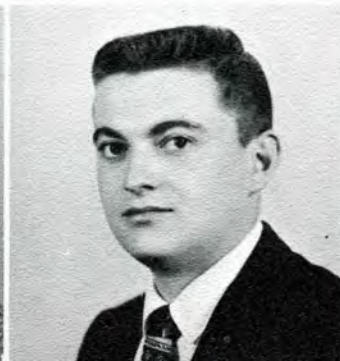
WILLIAM H. DUFFRIN



HARRY HALOOGIAN



GLEN T. MILLIGAN



NORMAN C. MONKS  
*Sigma Kappa Psi*  
*Student Council*



DONALD R. MONROE  
*A.S.T.E.*  
*L-Book Staff '60*





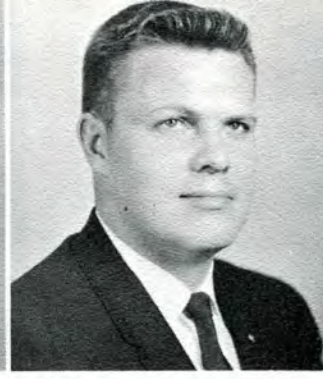
WILLIAM J. PIKULSKI  
*A.S.T.E.*



WESLEY J. SQUIRE



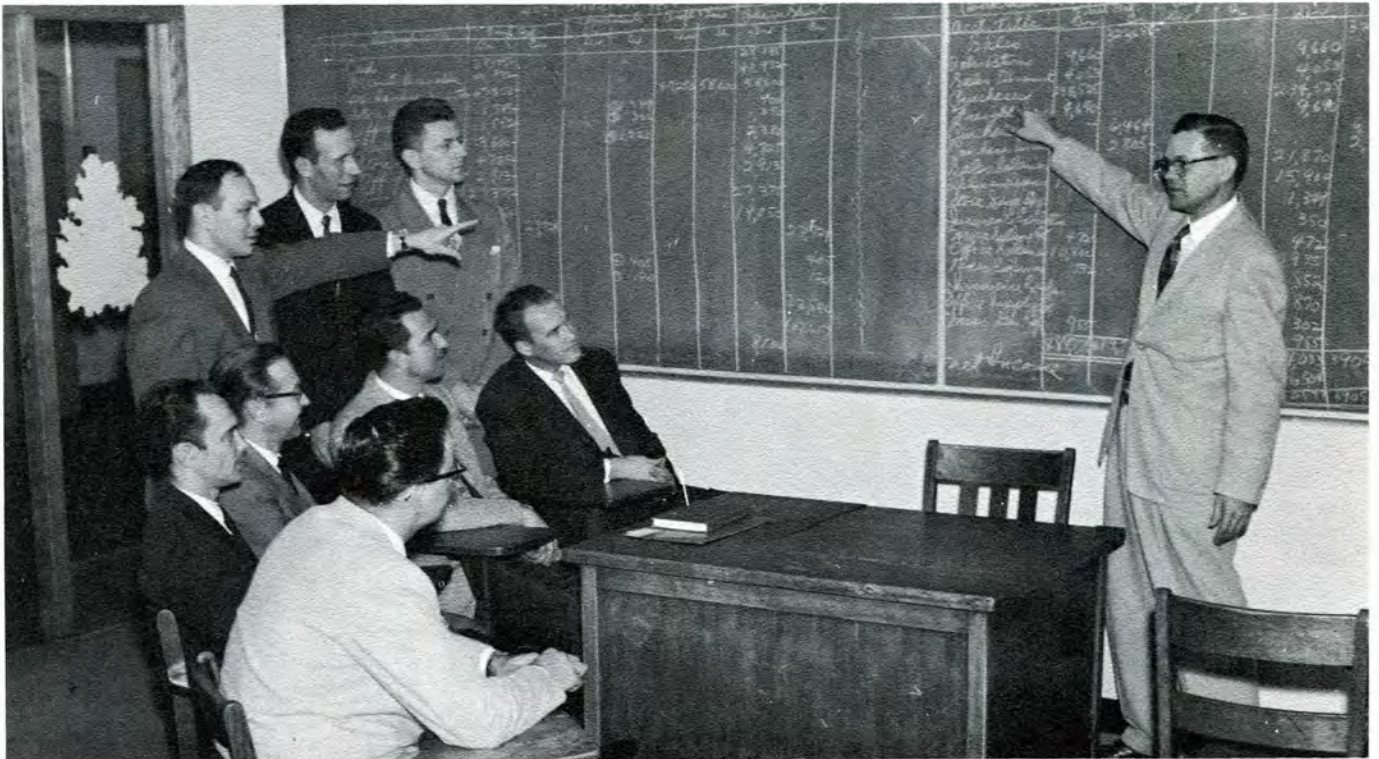
WILLIAM FERREAUULT  
*Sigma Kappa Psi*  
*A.S.T.E.*



ALBERT F. WILLIAMS, JR.  
*Sigma Kappa Psi*  
*A.S.T.E.*  
*Student Council*



BENJAMIN F. WILLIAMS  
*Sigma Kappa Psi*



M. Buck reviews an accounting test problem with the Industrial Supervision June Class of '60. This is one of the administrative courses offered to supplement the engineering courses.

## INDUSTRIAL SUPERVISION

Potential Directors, Managers and Freeloaders pursuing their studies vevemently, and preparing for a Board of Directors meeting.



The Industrial Supervision Technology curriculum offers the advantage of a combination of engineering and administrative subjects, giving the student a broader education. This broader of learning is becoming a necessary asset to climb the ladder of success in the current and coming world.





DAVID ADAMS



MYLES F. ARMOUR



RICHARD BACH



JOHN BORCHANIAN  
*A.S.T.E.*



EDWIN E. BRITZ



In all engineering fields drawings of one type or another are the common language. Here two students discuss a drawing assignment.



LEA F. BROWN JR.  
*Senior Class Sec.-Treas.*



ROBERT BROWN



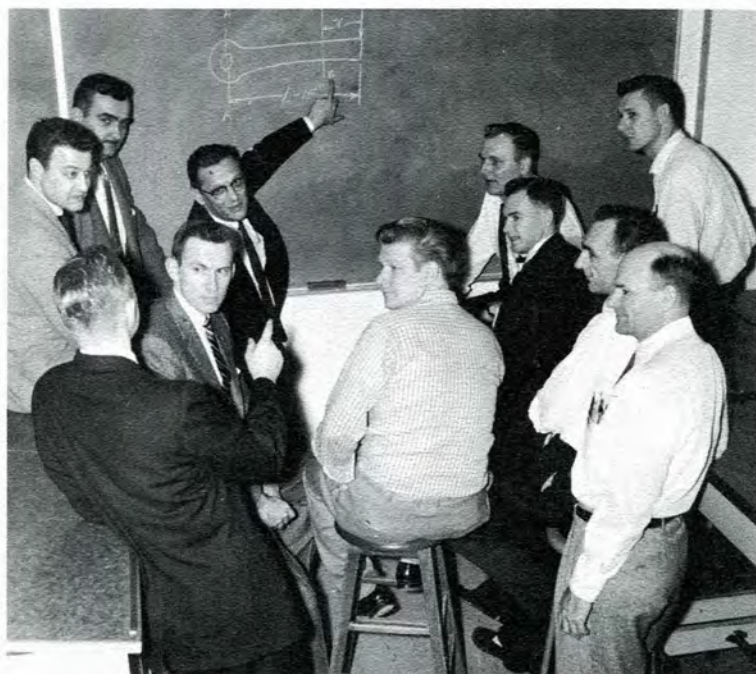
HENRY J. BUHLINGER  
*A.S.T.E.*



GARY E. BULLOCK  
*Sigma Kappa Psi*  
*Vice-President, '60*  
*A.S.T.E. 1st Vice Chairman*  
*Tech News*



CLIFTON M. BUHLINGER  
*Sigma Kappa Psi*  
*A.S.T.E.*



Mr. B. Carlen holding a class discussion  
on a machine design problem.

## MECHANICAL TECHNOLOG

Mechanical Technology covers the design, production, installation, sales, and operation of machines and tools of all types. Mechanical Engineering Technicians, with training emphasized on drafting and design, are in constant demand by industry.



AROLD N. FRANTZ



F. S. GEGGLE



EDWARD J. GEHART



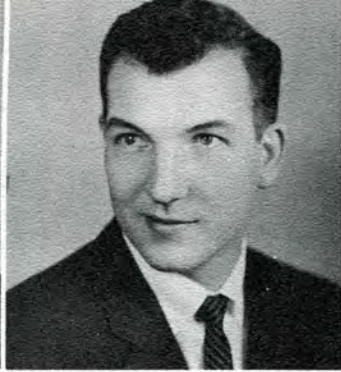
LYNN F. HANNERT  
*Sigma Kappa Psi*  
*Treasurer, '60*  
*A.S.T.E.*



CLARENCE F. HUEMILLER

Instructor. Mr. B. Carlen, discusses with students some ideas to include in their plant layout problem.





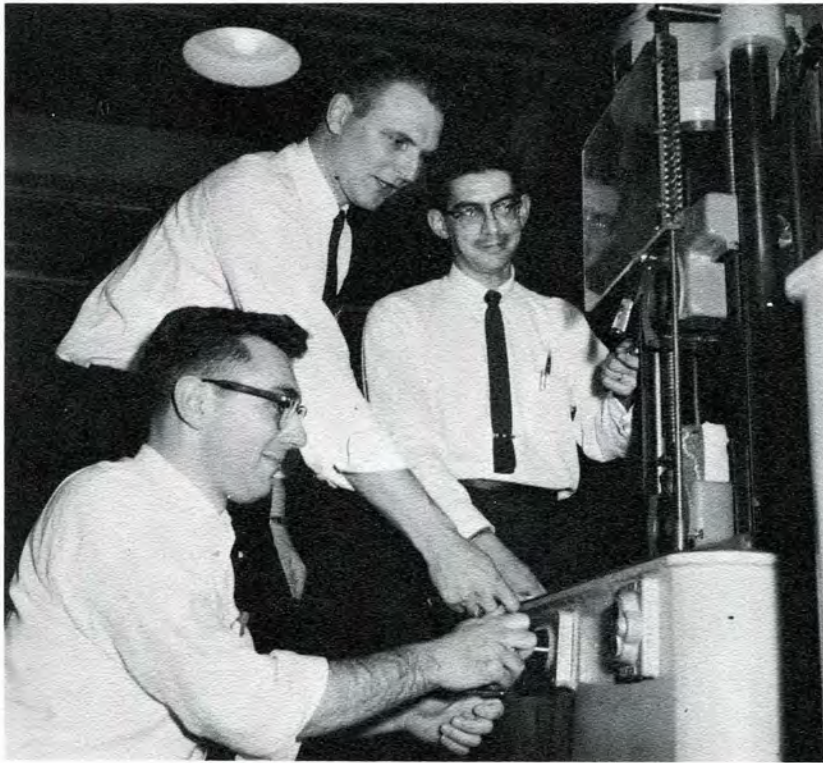
DUANE N. IHRKE  
*A.S.T.E.*

CARL A. KREMM  
*A.S.T.E.*

ROGER KUKKOLA  
*A.S.T.E.*

BERNARD LANIVICH

HARRY J. LUND  
*Vice-Pres. Senior Class  
Tau Iota Honor Soc.  
Student Council Treas.  
Sigma Kappa Psi  
A.S.T.E. Chairman,*



Mechanical students, Bob Rancillio, Del Metcalf and Al Stever, are preparing a specimen for a test on the tensile machine. one of the many types of machines available for students.

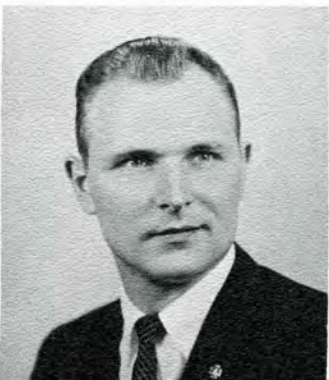
DELMER J. METCALF  
*Senior Class Pres.  
Sigma Kappa Psi  
A.S.T.E. Treas.  
Student Council  
Chair, Founders Day  
Election Comm.*

WILLIAM R. MARTIN

OWEN B. MINCH  
*A.S.T.E.*

STEPHEN G. MITCHELL  
*Sigma Kappa Psi  
A.S.T.E.*

FRED MONTGOMERY





RICHARD C. MOUCH



MERTON A. MUSSELMAN  
*A.S.T.E.*



STEVEN J. NAGY  
*Sigma Kappa Psi*  
*A.S.T.E.*



WILLIAM R. OSEN  
*A.S.T.E.*



ROLAND G. OWENS  
*Sigma Kappa Psi*  
*A.S.T.E.*



Classes from elements of drawing to jig & fixture design give students the ability to express engineering ideas through drawings.

WILLIAM W. PARIS  
*A.S.T.E.*

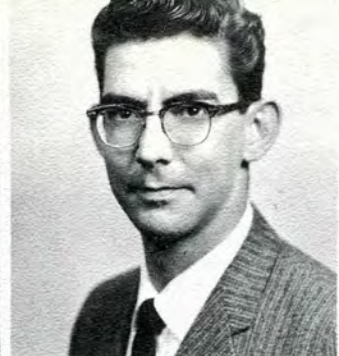
WALTER J. PEARSON

G. V. PILLARD JR.

ROBERT J. RANCILLO

WILLIAM A. REPPEN  
*Sigma Kappa Psi Pres., '60*  
*Sigma Kappa Psi Treas., '55*  
*A.S.T.E.*





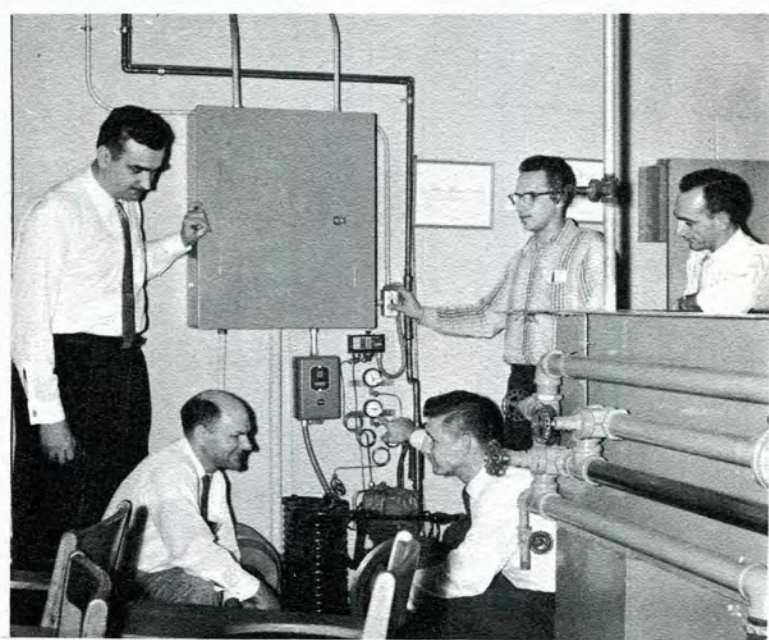
JOHN H. SCHEICH

WALTER A. STEVER  
*Sigma Kappa Psi*

RONALD WELLBAUM  
*A.S.T.E.*

MARVIN WILBER  
*A.S.T.E.*

JAMES P. WIL  
*A.S.T.E.*



A final check out of gages and equipment by Walt Pearson, Clarence Huemiller, Bob Brown, Ed Gehart and Karl Krem before starting with a hydraulic problem.

SENIORS NOT PHOTOGRAPHED

- ROBERT L. BEINKLEY
- JAMES D. CAMPBELL
- RALPH E. DROVEDAHL
- MELVIN E. ERNST
- DONALD K. GALLOP
- DOUGLAS J. JOHNS
- JAMES T. KEEGAN

- TERRENCE E. McDONALD
- RAY L. PITZER
- JOHN L. POWELL
- WILLIAM G. RECTOR



RAYMOND A. ANGERILLI



JAMES L. BICKNELI.



LEON LEDUC



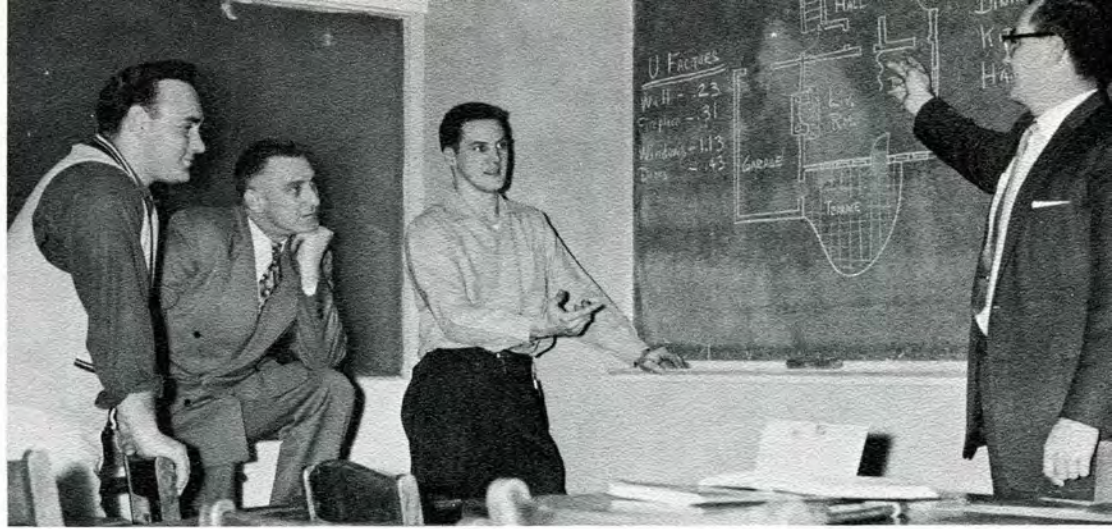
JAMES L. MILLER, JR.



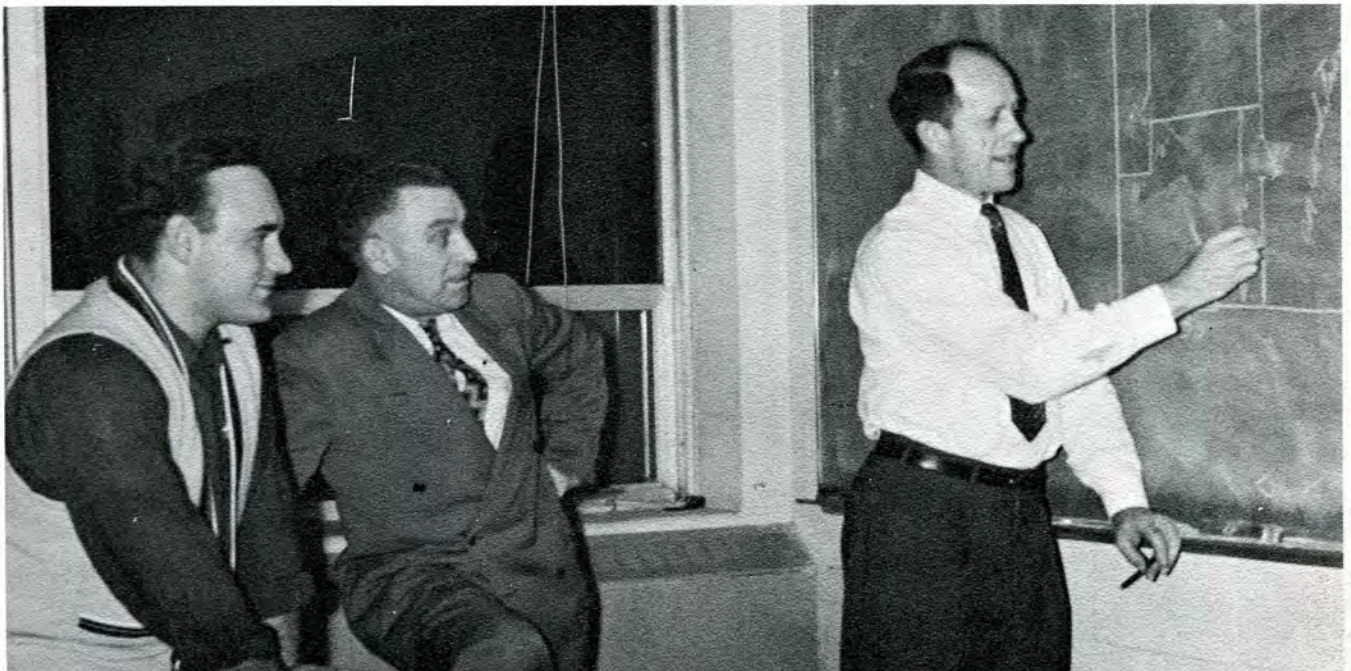
RICHARD MURRAY

Constructing sheet metal parts aids the Refrigeration and Air Conditioning Technician to better understand flow velocities when computing duct work.





Mr. Keegan is explaining some of the many problems and corrections found in residential heating and ventilating.



Informal classes make the late hours a little easier for both the students and the instructors.

## REFRIGERATION AND AIR CONDITIONING

MICHAEL W. SEKORA

JAMES A. SCHUSTER



The transfer of heat from one fluid to another is the basic principle in refrigeration, air conditioning, heating and ventilating.

SENIORS NOT PHOTOGRAPHED  
RICHARD C. MOUCH



# ACTIVITIES

UNIVERSITY OF TECHNOLOGY  
1964-1965

## Council to Sponsor Annual Homecoming

The Council of the University of Technology has announced that it will sponsor the annual homecoming celebration. The event is scheduled for the first weekend of the new academic year. The Council has also announced that it will be holding a referendum on the issue of student voters.



## Referendum To Go Before Student Voters

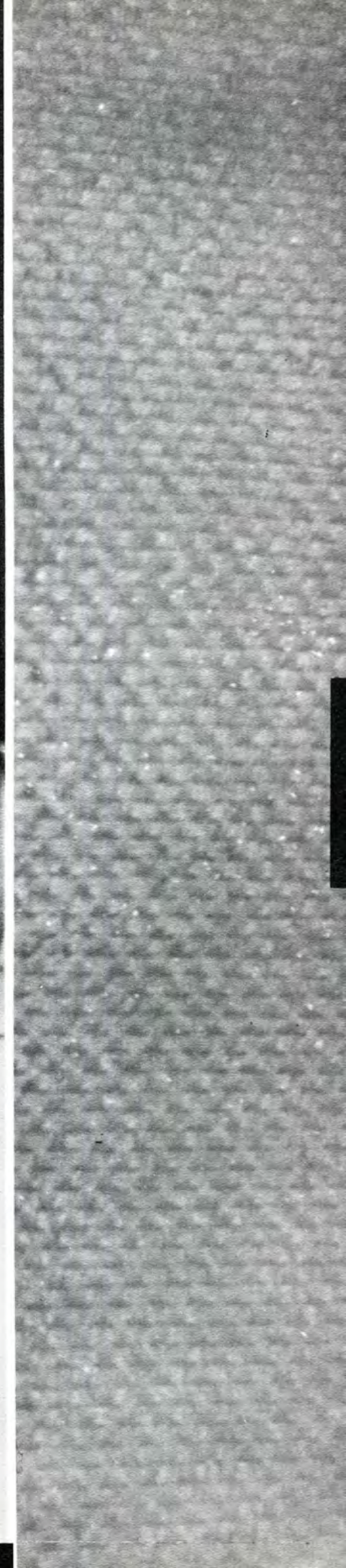
The Council of the University of Technology has announced that it will be holding a referendum on the issue of student voters. The referendum will be held on the first weekend of the new academic year. The Council has also announced that it will be holding a referendum on the issue of student voters.

## Fresh End Initiative

The Council of the University of Technology has announced that it will be holding a referendum on the issue of student voters. The referendum will be held on the first weekend of the new academic year. The Council has also announced that it will be holding a referendum on the issue of student voters.

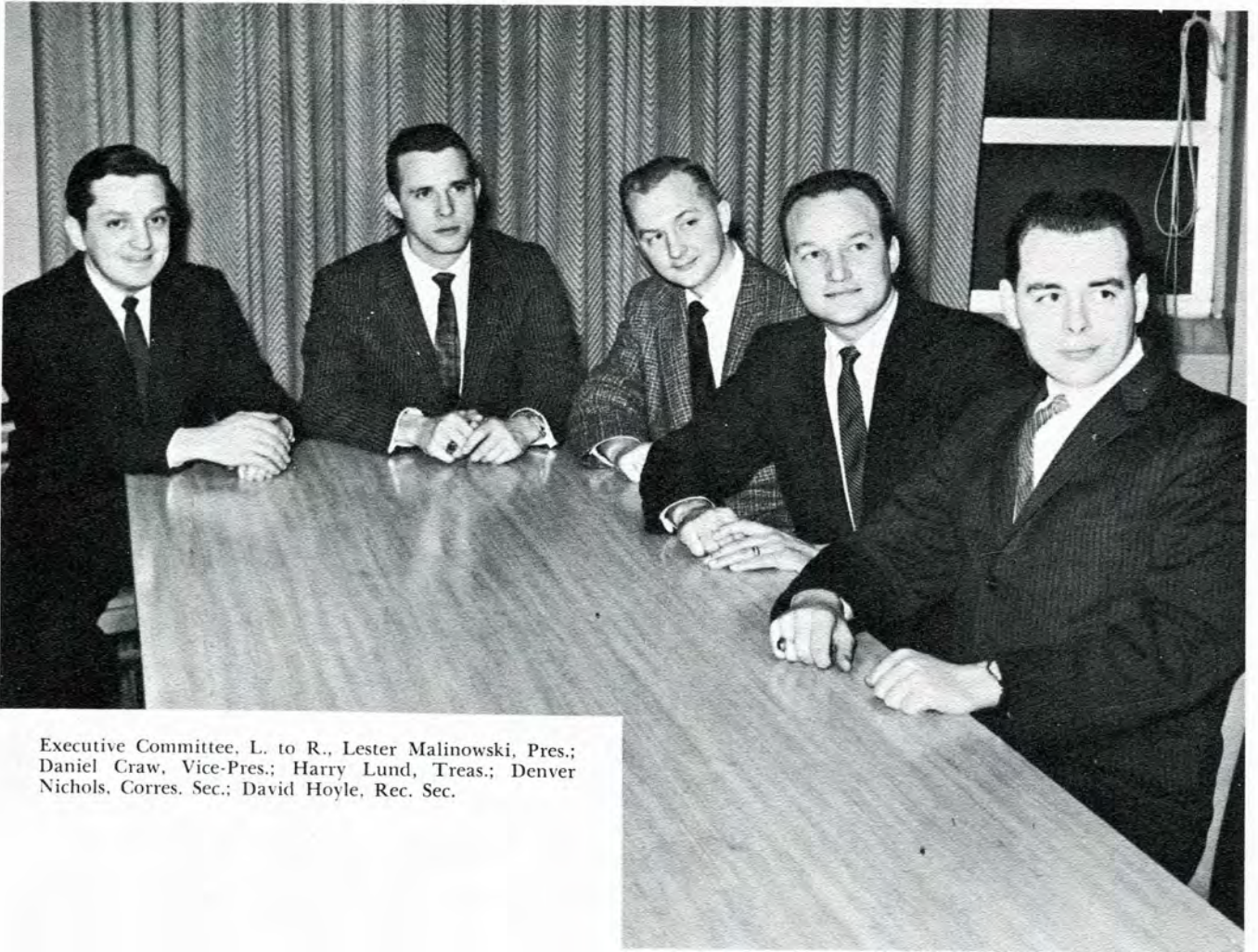
## Council Expected At Annual

The Council of the University of Technology is expected to meet at the annual meeting. The meeting is scheduled for the first weekend of the new academic year. The Council is expected to discuss the results of the referendum and other matters of importance to the University.



# STUDENT COUNCIL

## EXECUTIVE COMMITTEE



Executive Committee, L. to R., Lester Malinowski, Pres.; Daniel Crow, Vice-Pres.; Harry Lund, Treas.; Denver Nichols, Corres. Sec.; David Hoyle, Rec. Sec.

"The purpose of the Student Council is to provide a group that is representative of the student body and of the various student organizations in the school." For the first time in the history of the Student Council, this passage from its Constitution became a reality. The three council officers elected at the annual election were from the three schools on campus: President, Les Malinowski, from Night School; Vice-President, Dan Crow, from Day School; and Treasurer, Harry Lund, from the Technical Institute. The business meetings were changed from the first and third Thursday of each month to the first Wednesday and the third Thursday to facilitate participation by members from the Technical Institute.

A seat on the Council is authorized for all classes, clubs, fraternities, and approved student organizations having twenty or more members.

In addition to its legislative, executive, and judicial duties, the Council also controls Lawrence Tech's campus publications, regulates social ac-

tivities, selects candidates for the Lambda Iota Tau and Tau Iota Honor Societies, and awards activity Keys to deserving members of the various organizations.

This year the Council sponsored the Annual Christmas Party, the Three Blood Drives and the Homecoming Dance. Its special project was for the library. The funds for this project were derived from the Christmas Party Cake Walk, Parking fines, and the Homecoming Dance.

Every member of the administration, faculty, and student body should be proud of the Student Council. Each endeavor has been for more harmony and understanding between the Administration and the student body.

During a lengthy discussion at a council meeting, which follows strict parliamentary procedure, James Boeberitz brings up a point of order.



Bea Kuzminski, Social Committee Chairwoman, gives her report on future social functions of the Council, the fraternities, and the date of the publications banquet.



## STANDING COMMITTEES

### ACTIVITIES



L. to R., Chuck Loomis, Chairman Gerald Lembas, and Roger Shtogrin.

This committee was originated in the spring of 1958 and ever since its influence in the forming and promoting of activities has labeled it an asset to the Student Council.

These committee members work with Mr. Ridler, Director of Student Activities, in promoting an activities program which we hope will meet the enthusiasm displayed by our eager students.

### ACTIVITIES AWARDS

L. to R., Roger Shtogrin, and seated, is Chairman Larry Sundgren.



The Activity Awards Committee was organized by the Student Council to conceive and deliver its annual awards, which are made at the Student Council Annual Dinner in the spring.

Awards are given to the Student Council officers, Student Council committee members, class officers, the Tech News and L-Book staffs, and others the Student Council may authorize.

Activity awards are also made to the most active student in Day School, Night School, and the Technical Institute.

### BLOOD BANK

Standing l. to r., Chuck Loomis and Al Kovalsky. Seated is Chairman Jack Hall.



As we all know, Lawrence Tech has an excellent blood bank, however, no blood bank can continue to operate indefinitely by virtue of its own momentum.

At Lawrence Tech we have supplied the force needed to keep our blood bank steadily on the move. The force behind our blood bank committee is comprised of one man from each of the three divisions of our school, an alumni representative and the chairman.

The continuation of the enthusiasm and spirit displayed by the student body and the faculty members is the hope of all of those concerned.

## ELECTION

L. to R., Tom Arnold, Chairman Bob Formella, Gil Noakes, and Del Metcalf.

The Election Committee has undergone a change due to recent passage of by-laws. Whereas formerly there were three chairmen, one for day, one for night, and one for T.I., there is now only one chairman with three members, one member from day, one from night, and one from T.I.

A President, Vice-President, and Secretary-Treasurer were elected from each class. These officers planned the various social functions of the year for their class and represented their class on the Student Council.

The class elections for the officers of the Student Council were held in the spring.



## FOUNDER'S DAY

L. to R., Del Metcalf, Chairman Al Kovalsky, and Carl Bouvier.

It is the responsibility of the Founder's Day committee to plan and organize the activities on this day. This type of exposition requires an enormous amount of time, planning and procuring equipment to have a successful Founder's Day. Therefore it has been decided to hold this type of Founder's Day once every three years. It will be this year's committee's responsibility to keep records of events, items of interest and things accomplished during this school year in order to give the next chairman something to help plan a successful Founder's Day.



## FINANCIAL

L. to R., Bill MacNeil, Gerald Lembas, Chairman Harry Lund, Bob Formella, and Albert Yee.

It is the job of the Financial Committee to evaluate and adjust all annual budgets submitted by the publications and the various committees of the Council. From these figures the Annual Student Council Budget set up.



## INTERFRATERNITY

L. to R., Frank Malinowski, Chairman Chuck Loomis, Larry Sundgren, Austin Zago and David Hoyle.

The Interfraternity Council was recently re-organized by the Student Council Representatives of all of the fraternities. The I.F.C. is a "Natural" organization because it provides the means by which the fraternities are able to coordinate their efforts in the interests of their common beliefs.



## HONOR SOCIETIES

L. to R., David Hoyle, Bob Formella, Chairman Albert Yee, and Bill MacNeil.

In 1934, just two years after he founded our school President Lawrence organized the Lambda Iota Tau Honor Society to give recognition and encouragement to students of high scholastic standings who also participate in extra-curricular activities on campus. To those who fulfill the rigid requirements specified in the By-Laws of our Constitution, the Lambda Iota Tau Key is awarded.

Last year it was on the recommendation of the Committee that the Technical Institute honor society, Tau Iota, was formed. The Committee was also instrumental in revising the admission requirements to conform more closely to national standards.



## JUDICIAL

Dick Kowalski and Chairman Sidney Rubin.

The Judicial Board of the council consists of a Chairman, the faculty representative to the Student Council, and a member of the council appointed by the President.

This Committee shall embrace the interpretations of the Student Council Constitution; has the power to subpoena witnesses and documents in cases involving Council Law.

The Judicial Committee can enforce its power of subpoena by revoking the right to vote or hold any school office to any student not honoring the subpoena.





**PARKING**  
 L. to R., Roger Shtogrin, Chairman Daniel Crow, and Sidney Rubin. Missing, Ted Purkiss.

The students of Lawrence Tech have the advantage of being in one of the few schools which furnish parking for all students directly on campus.

Even though this is a great advantage, certain problems are bound to arise. These problems are usually caused by the students and affect the students directly. Because the students are the ones involved, it is logical that the students should be the ones to solve the situations.

This has led the Student Council to create a Parking Committee which has within it the Traffic Court of Appeals.



**PUBLICITY**  
 L. to R., Fred Long, Ray Crenshaw, Ed Mijak, and Chairman Rick Chandler.

The Publicity Committee was organized to inform you and those who know you about the functions, students, and activities of L.I.T.



**SOCIAL**  
 Standing l. to r., David Hoyle, Chuck Loomis, and Frank Malinowski. Seated l. to r., John Banfield, Chairwoman Bea Kuzminski, and Richard Moxley.

The Student Council Social Committee was established to coordinate the school social calendar. All events sponsored by any organization on campus must be cleared through this committee.

This committee has also been delegated authority to complete arrangements for the Student Council banquets.



## BLOOD BANK



Donors waiting to give blood.



It's the best thing I've ever done and I could relax while doing it.

It's all over now, and it didn't even hurt.

The Lawrence Tech Blood Bank became a reality because Administration, Faculty, and Students planned and worked together. It could never have been born if the need were not present and each individual had not realized his and her responsibility.

The success of the Blood Bank is a lasting monument to the sincerity and earnestness of all personnel at Lawrence Tech.

For years emergencies of the type requiring blood donors have been our constant companions. Members of the Student Council began work on the far reaching project during the summer of 1957. From these initial plans of one blood drive for the whole school have evolved three drives, each equal to the one originally planned, to suit the needs and desires of the students.

The Student Council is proud of this organization and the work which made it possible. It has served both Lawrence Tech and society in general. The honest endeavor and joint enterprise which have personified this activity from the beginning have welded all departments and groups into one common aim. The school spirit, cooperation between administration and students, and sense of common belonging have never been stronger.



## GLEE CLUB



BACK ROW, L to R: Douglas Ross, Charles Ward, [unclear],  
Rutten, George F. Grohs, Jim Owens, Arthur Fisch,  
Steve DeMay, Jim Raptis, Charles Davis, Tom Spanos.  
FRONT ROW, L to R: Mr. and Mrs. Clayton Schlott-  
beck, Director and Accompanist, John Allmand, Pete Z-  
vos, Don Wurm, Austin Zago, Nick Fakaros, Tom Arno



This year the Glee Club performed for many school and outside functions. Above the Glee Club sang Christmas Carols at the Annual Christmas Party. Below they perform at the Homecoming festivities.



## ANNUAL CHRISTMAS PARTY

This year's Student Council Christmas Party was coordinated to be the best. Over seven hundred persons attended the holiday event, more than ever before in the history of our Christmas Parties. The decorations, activities, and group participation were at their Yuletide best.

Long will the laughs and joys of the Christmas Party ring in the hearts of all those present on December 5th. Friendship, love, togetherness were they keynotes which made this year's party the greatest yet.

The children of Southfield which were present aided the friendship, because we felt that we were sharing a little bit of our Christmas with those which had less and this created a common bond between many. The bond was of course to forget minor disagreements to show the kids a good time.



A dainty Miss receives an assist from Professor H. Williams, Head of the English Department, who sponsored a highly successful cake walk.



"Hark the Herald Angels Sing . . ." began a medley of Yuletide arias by the spirited crowd under the direction of talented Dr. Edwin Graeffe.

Pastel angels and delicate clouds were suspended in the cafeteria to create a heavenly atmosphere for those taking advantage of free refreshments. A tall, stately Christmas tree highlighted a ribboned area in which the cake walk was held. Several festive cakes and baked goods, as well as fruit baskets, were prizes for appreciative winners.

Drum majors, dangling ornaments, and another Christmas tree beckoned all to visit Santa Claus in the Student Lounge. The Glee Club assisted by Mr. and Mrs. Slaughterbeck and the visitors (young and old alike) led by Dr. Graeffe sent heavenly strains echoing throughout L.I.T.

Holly-decked corridors led guests to rooms of entertainment which featured a magician, puppets, cartoons, and the film, "My Friend Flicka." A huge Christmas tree and colorful wreath provided a welcome setting to those entering the main lobby.



"Gee, Santa, this Christmas I want . . ." was the start of hundreds of ardent desires which Santa patiently recorded for his special night.

Officer Walter Wilson proved to a mammoth audience that safety can be fun. Magic and audience participation were used in his act to keynote the importance of safety to everyone.



## SENIOR CLASS OFFICERS



Senior Class officers Donald Schmill, Sec.-Treas.; James Boeberitz, Pres.; and Carl Bouvier, Vice-Pres.; go over receipts of the Senior Dinner Dance.

Mr. Webster states that senior means "noting or pertaining to the highest class or last year of the course."

For some the last year seems to be the hardest to attain but the men who have made it leave behind them an impressive list of activities.

This year's senior class was one of the first to throw a financially successful Frosh Fling and J-Prom.

The men graduating this year have held high positions on the Student Council: vice-president, recording secretary, parliamentarian, publicity chairman, homecoming chairman, and a total of eight men serving the student body as representatives. Four members of the Senior Class have served the L-Book staff—one being the assistant editor.

DAY SCHOOL

## CLASS OFFICERS OF 1960



L. to R., Joseph Regan, Sec.-Treas.; Floyd White, Pres.;  
Maurice Vermeulen, Vice-Pres.

The editor of the Tech News is also a senior and has seven seniors writing for the News.

Three members of the class have been elected to Lambda Iota Tau, and six to Who's Who in American Universities and Colleges.

The seniors topped off their year by re-establishing the Senior Dinner Dance which was held at the Capistrano Restaurant.

As these men walk the last few steps across the stage to receive their diplomas they hope that their leadership and activity will lead the underclassmen to a stronger and closer knit student body at Lawrence Institute of Technology.

## NIGHT SCHOOL

# TECHNICAL INSTITUTE SENIOR CLASS OFFICERS



L. to R., Robert Brown, Sec.-Treas.; Delmer Metcalf, Pres.; Harry Lund, Vice-Pres.

The T.I. class officers of 1960, President, Del J. Metcalf; Vice-President, Harry Lund; and Secretary-Treasurer, Robert Brown, set their sights high and achieved their goals. In all of the T.I. sponsored activities, you will find one of these three men actively participating on one committee or another. A major responsibility was the active part they played on the Student Council. Harry Lund was elected by the school Student Body to the Office of Treasurer for the year 1959-60. This was an achievement never before accomplished by any T.I. student. Harry also served on the Finance Committee, Tau Iota Honor Society, and Blood Bank Committee.

Del Metcalf, in addition to being a member of the Student Council, was appointed Chairman of the Founder's Day Committee along with actively participating as T.I. Election Committee Representative.

TECHNICAL INSTITUTE

## CLASS OFFICERS OF 1961



L. to R., Micheal Murphy, Sec.-Treas.; Richard Kowalske, Pres.; Victor Rado, Vice-Pres.

## CLASS OFFICERS OF 1962



L. to R., Al Kovalsky, Pres.; William Klinger, Sec.-Treas.

**NIGHT SCHOOL**



## JUNIOR CLASS OFFICERS



L. to R., Roger Shtogrin, Vice-Pres.; Jerald Lembas, Pres.;  
Rae Carder, Sec.-Treas.

For the Junior Class of 1961, this was a truly memorable year. In addition to active participation in the various school functions, the class, its officers, and J-Prom committee eagerly began organizing and promoting the biggest social event of our school year: the J-Prom.

This year's prom was held on May 7, 1960, in the Coral Room of the Fort Shelby Hotel, and featured the fabulous Dave Martin Orchestra. The evening was highlighted by the presentation of the "Most Obnoxious Junior Award," given to the junior who had the most popular "obnoxious" personality.

The 1960 J-Prom will long be remembered as one of the most outstanding social activities at Lawrence Tech in many a year. The success of this annual event is largely due to hard work and appropriate planning. To all who participated we say a profound, Thank You.

DAY SCHOOL

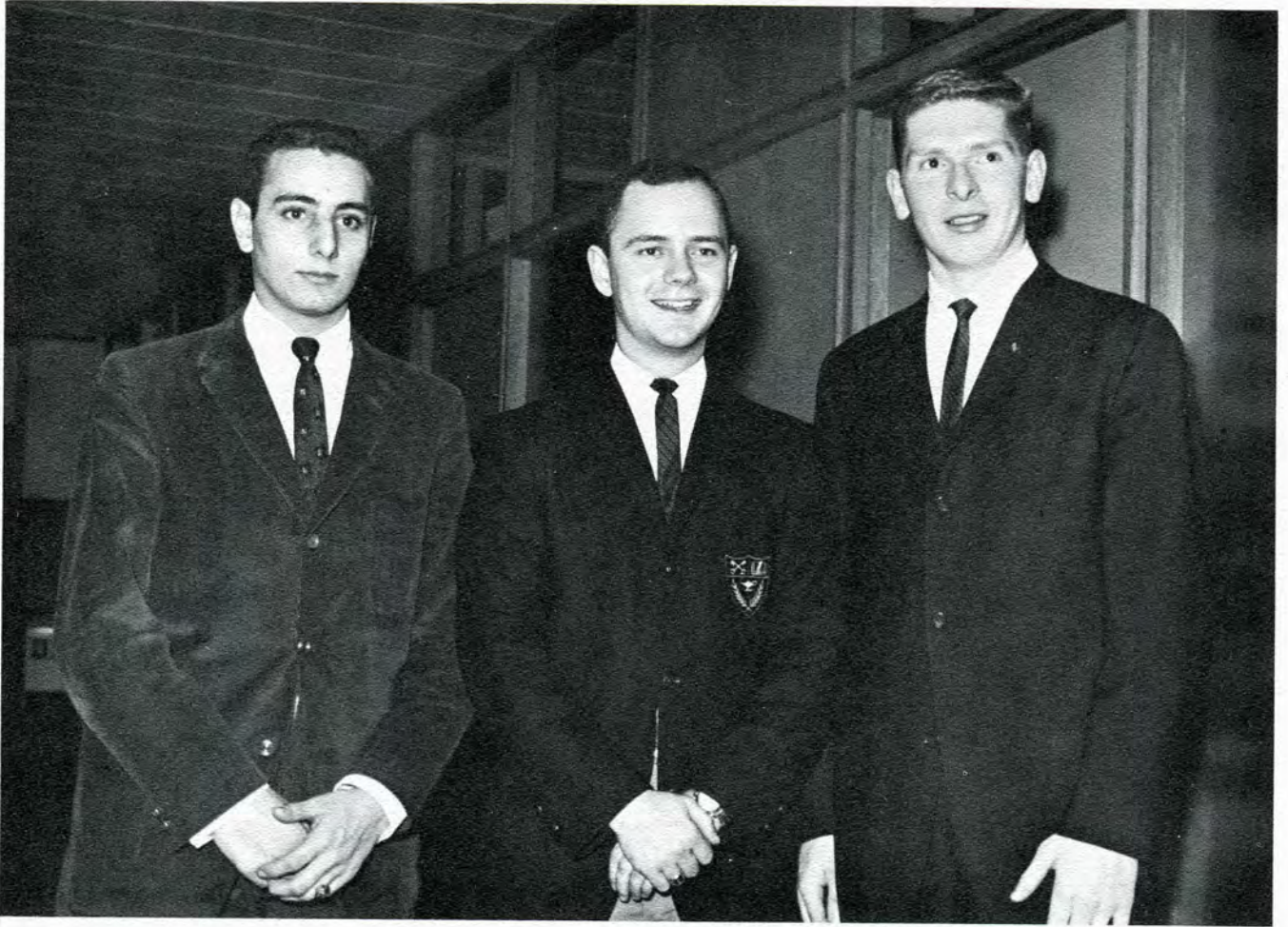


J-Prom Committee

Standing L. to R.  
Jerry Stangis, Jerry Pas, Robert Garafolo, John Nuese,  
Chuck Loomis, Carl Binkley, Don Staniewics, Harry  
Campion.

Seated L. to R.  
Rae Carder, Ray Crenshaw, Edward Mijak, Roger Shtogrin,  
Gerald Lembas, Beatrice Kuzminski.

# SOPHOMORE CLASS OFFICERS



L. to R., Ralph Modad, Vice-Pres.; Thomas Arnold, Pres.;  
Walt Kraimer, Sec.-Treas.

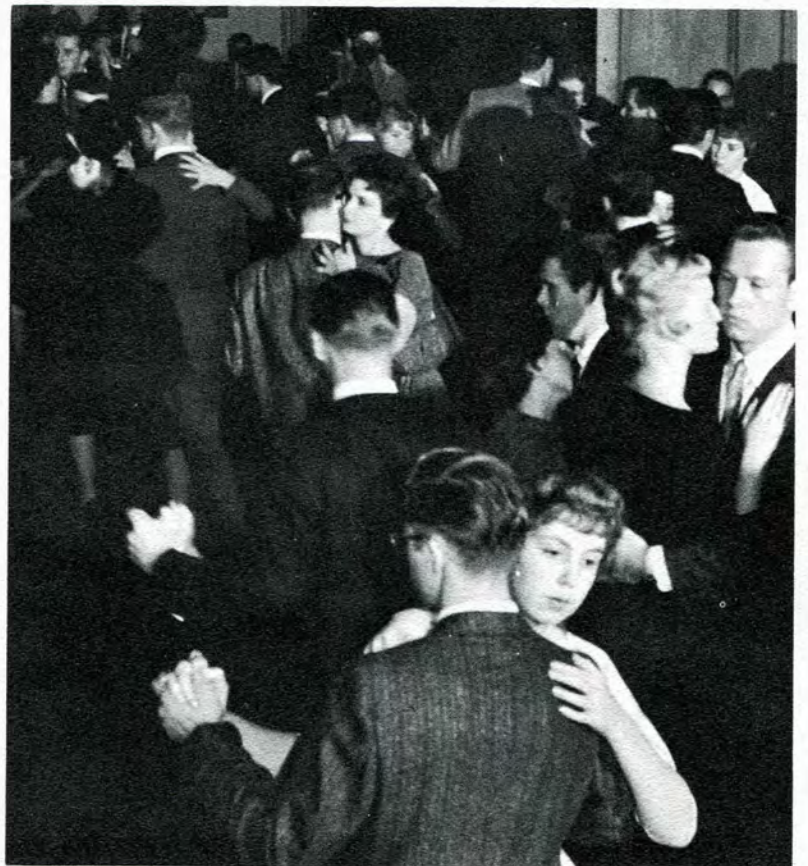
## DAY SCHOOL

This year, as is the tradition at Lawrence Tech, the Sophomore Class presented the annual "Frosh Fling," which was held at the United Dairy Workers Hall. This event, which marked the end of Freshman "Hell Week," was not only a large social and financial success, but it was also the beginning of College life for many freshmen. It also provided a chance for them to see exactly how our social functions are run. The success of this event was brought about through the foresight and planning of the Sophomore Class under the guidance of the Frosh Fling Committee.

The Sophomore Class again took action when the Homecoming Game and Dance were presented, by donating their time and services to these events by selling the programs and refreshments.



The frosh Fling, which was enjoyed by all in attendance, is the culminating event of hell week.



## CLASS OFFICERS OF 1963



L. to R., Malcolm Evens, Pres.; Ralph Forbes, Vice-Pres.

During the last year a great amount of progress has been made in Night School participation in student activities. The Class of '63, as well as all of the other Night School classes, have supported school sponsored programs and have participated actively in the Student Council.

The Class of '63 has many members of which it is proud. High standards have been set up both scholastically and socially and the members are looking forward to participating in their chosen field of engineering.

**NIGHT SCHOOL**



Melba, the beautiful blonde of the freshman class, draws the winning ticket at the Soph Swing. This is an annual dance put on by the freshman class to honor the sophomore class.

Which way did he go?  
He went that way, I think.

There are hardly any winners at the annual tug-of-war contest between the sophomores and freshmen, because most of the participants wind up in the creek.





In the past few years, the freshmen have buried a sophomore in effigy.





GEORGE LILES



DAVE HOYLE



ROBERT FORMELLA



LESTER MALINOWSKI



WILLIAM MORE



GEORGE RECKLING



MAURICE VERMEULEN



ALBERT YEE



## LAMBDA IOTA TAU

Distinguishable recognition is given to students with excellent academic records combined with exceptional interest and contribution to student activities.

Lambda Iota Tau realizes that consistent improvement is a necessity for any dynamic organization. Therefore, their improvement is directed toward the standards set by that of a national honor society.

On May of 1959, a big step in this direction was taken by raising the requirements of six terms with a 2.00 average to a nine term period, and using the total of fourteen activity points instead of a set total of points in each term.

Congratulations to Lambda Iota Tau and the new members, who have given personal attention to the ideals of this Society.





EDWARD BURKE



HARRY LUND



WILLIAM MAC NEIL



JOHN MC MANN



ROBERT KELLY



JOHN BANFIELD



## TAU IOTA

Tau Iota is the honor society representing the Technical Institute with the same objective as Lambda Iota Tau.

The intention of forming the Tau Iota Honor Society of Lawrence Institute of Technology was to fulfill the need for recognition of students in the Technical Institute who have excelled, not only in high academic standings, but also devoting considerable time and interest stimulating the fame of qualified men, and representing the student body.

Tau Iota was chartered and approved by the Student Council on May, 1959, and has accepted six qualified men after complete investigation by the Honor Society Committee.

Congratulations to the Technical Institute and especially to these men who have been honored as beginning members in Tau Iota.

# ARCHITECTURAL CLUB



L. to R., Don Wurm, Vice-Pres.; Hershel Laster, Treas.; Patrick Flaherty, Pres.; Bea Kuzminski, Rec. Sec. Missing, Dave Klumb, Corres. Sec.

The Architectural Club had its beginning in 1932, then being called the Cliff Dwellers. It was originally organized to enable the members to stimulate and further develop a wide scope of interest in architecture through extra-curricular activities.

The club agenda is set up to enable the students to broaden their outlooks, judgments and accomplishments in architecture by exposing its members to various speakers, field trips, and group discussions. From these activities it is hoped the students will develop an interest to remain alert to what is happening in their profession, not only

when students but in later years after graduation.

In 1948, the club became a Student Branch of the American Institute of Architects, which enabled the members to benefit from the professional contacts with the Detroit Chapter of the A.I.A.

The field trips are arranged so as to allow the club members the opportunity to view famous works and structures first hand. Some of the places visited in the past are Taliesin North, Wisconsin; Chicago; Toledo; Concordia in Fort Wayne, Indiana; and Ann Arbor.

# CIVIL CLUB



L. to R., Donald Ross, Vice-Pres.; Robert Meader, Treas.; Eugene Perlman, Pres.; David Smith, Sec.

The original Civil Club was formed in 1955 to promote student interest in civil engineering. The objectives of the club encourage a development of professional conscientiousness, present an opportunity for students to meet and work together, and furnish these men a friendly contact with the engineering profession.

The club has toured various industrial plants and construction sites. Lectures are presented by

prominent speakers. Appropriate films demonstrate civil engineering in all phases. These films and lectures provide both the club members and the student body with an interesting background.

The Civil Club worked closely with the Architectural Club in erecting the flagpole which stands near the school entrance. The club also aids in maintaining order in the Civil Engineering Laboratory.



Front Row L. to R.  
 McNEIL, R. LIPMYER, G. BULLOCK, MR. A. BLYTHE, H. LUND,  
 METCALFE, L. HANNERT, M. MUSSELMANN, A. WILLIAMS.

Back Row L. to R.  
 R. GLATZ, P. STANLEY, L. LETTNER, H. BUHLINGER, W. TERRAULT,  
 R. REPPIN, J. McMANN, R. KUKKOLA, R. WELLBAUM, D. WURM, T.  
 MURPHY, R. BANFIELD.

## AMERICAN SOCIETY OF TOOL AND

### OFFICER INSTALLATION

As Mr. Blythe, Faculty Advisor, and Mr. H. E. Conrad, Executive Secretary, look on, Mr. C. M. Smillie, Nat'l Treasurer, congratulates chapter chairman Harry Lund. Other officers installed are Del Metcalfe, Treasurer; Gary Bullock, 1st Vice Chairman; Al Williams, 2nd Vice Chairman; and Mert Musselman, Secretary.



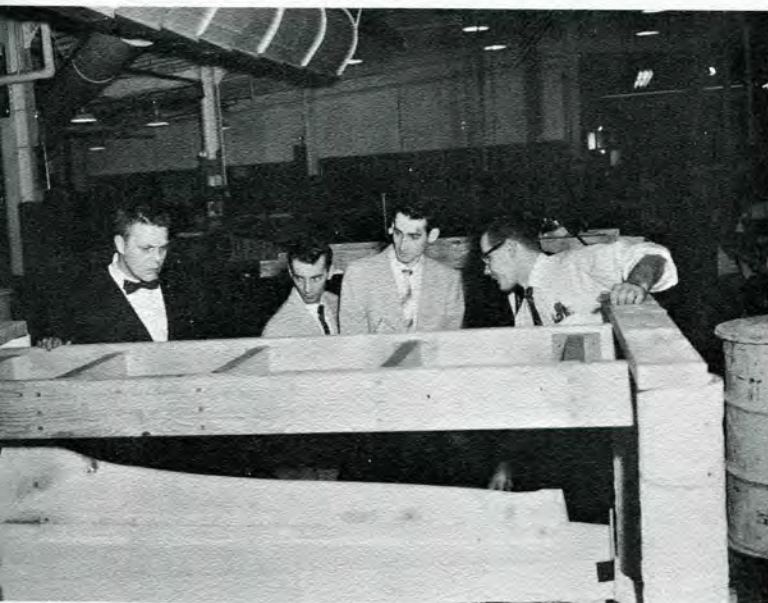


## OFFICERS

Chapter officers finalize the year's program and prepare an outline for the coming fall season.

# MANUFACTURING ENGINEERS

## FISHER BODY TOUR



The American Society of Tool and Manufacturing Engineers was recently reorganized and is now among the largest groups on the campus. This society is designed to expand both the theoretical knowledge and practical applications of the future tool and manufacturing engineer.

Each member has the opportunity to attend and participate in, not only the student chapter's activities, but also in all functions presented by the national chapters and their affiliates.

For the monthly meeting program a guest speaker, prominent in the tool industry, is featured; a "coffee speaker" who presents a view of current employment trends, and usually a technical film is also available.

Field trips are arranged to include well known industries in the Detroit area. Since last September tours have been conducted through Fisher Body Division, GMC, Commercial Steel Treating Corp., Ford Motor Co., and Chrysler Corp.

The student member receives a year's subscription to the *Tool Engineer*, the societies national publication, and also a membership certificate which is suitable for framing. These "extras" are all included in the student's small membership fee.

Individual help is provided by ASTME through its Annual Scholarships for engineering students who are members of the school chapter. If the student is qualified he may receive full tuition to further his chosen profession as a tool or production engineer. These scholarships are available to all students of Lawrence Tech.

Today, with a membership of well over 40,000, ASTME is one of the world's largest and most progressive technical societies. Among its members are representatives from nine Canadian chapters and 32 other foreign countries.

Of supreme interest to all engineering and management students is the wealth of technical reports gathered from all chapters which are available at reduced cost. Also, the society has the *Tool Engineers Handbook*, compiled by more than 250 engineering experts, the *Die Design Handbook*, and a recent publication, *Tooling for Metal Powder Parts*.

The main event of this year is the international tool show being held in Detroit April 21st thru 28th. This show will feature the most up-to-date methods and machines available to industry.

ASTME membership opens the door to many opportunities enriching your professional scope. Society programs enable you to stay up-to-date on scientific progress in a fast moving world. They provide a wide scope of activity for meeting other tool engineers, exchanging ideas on new products and methods, and for gaining new technical and scientific knowledge pertinent to future education and on-the-job thinking.

# MICHIGAN SOCIETY OF PROFESSIONAL ENGINEERS



Standing l. to r., Prof. Erneman, Fac. Adv.; Eugene Perlman, Sec. Seated l. to r., Maurice Katzman, Pres.; Frank Mazeiko, Vice-Pres. Missing, Phil Rizzo Treas.; George Ellery, S.C. Rep.

Our advancing civilization is increasingly dependent on the Engineering Profession for its comfort, safety, health and well being. The engineer of today must be adequately prepared to practice his profession not only with technical proficiency but also with high moral and ethical standards.

Student Chapters of the Michigan Society of Professional Engineers are established to help engineering students to enrich their college life by beginning those professional contacts and help them increase their educational competence and associations which, continued through life, are so valuable to the practicing engineer.

The chapter is also a good medium for exercising principles of personal and public relations. Chapter members may conduct chapter activities, hold office, secure outside speakers and extend hospitality while they are on campus, visit engineering works under construction, make reports to the Society, and read publications of the Society. All of these and many other activities contribute to mental development and growth, and the forming of judgments. Activities also stimulate early professional consciousness while the student is still pre-occupied with techniques.

The purpose of the chapter, then, is to help the student prepare himself for entry into the profession and society.

# CIRCLE-K



Standing l. to r., Ray Crenshaw, S.C. Rep.; Dave Paterson, Sec.-Treas.; Mr. Coan, Fac. Adv. Seated l. to r., Jim O'branovic, Pres.; Ed Mijak, Vice-Pres.

The Lawrence Institute of Technology Chapter of Circle-K International came into existence in the Spring of 1959, when it became officially recognized by the Student Council. By December, 1959, it was granted membership in the International Council of Circle-K Clubs, which has many chapters throughout the United States and the Dominion of Canada.

Among the activities which the L.I.T. Chapter of Circle-K has undertaken are the bringing of underprivileged children in the City of Southfield to the annual Christmas Party, and the promotion of all of the social functions held at L.I.T. in the past year, as well as having a few social events of its own.

The objects of Circle-K are (1) to emphasize the advantages of the American way of life, (2) to provide an opportunity for leadership training in service, (3) to serve on the campus and in the community, (4) to cooperate with the administrative officers of the college, (5) to encourage participation in group activities, (6) to promote good fellowship and high scholarship, (7) to develop aggressive citizenship and the spirit of service for improvement of all human relationships, (8) to afford useful training in the social graces and personality development, and (9) to encourage and promote high ideals for the college, student, and its community.

# SOCIETY OF AUTOMOTIVE ENGINEERS



L. to R., John Proctor, Sec.-Treas.; Art Badger, Chm.; Dick Fryc, Vice-Chm.; Mr. Snoblin, Fac. Adv.

The Lawrence Institute of Technology Student Branch of the Society of Automotive Engineers received its charter in 1947 and is one of the largest professional societies in the school. Total enrollment is 109 students representing each of the engineering schools for both day and night sessions—this places the group in sixth place across the nation and second highest in the Detroit area.

The S.A.E. is the technical society of those engaged in research and development, design, pro-

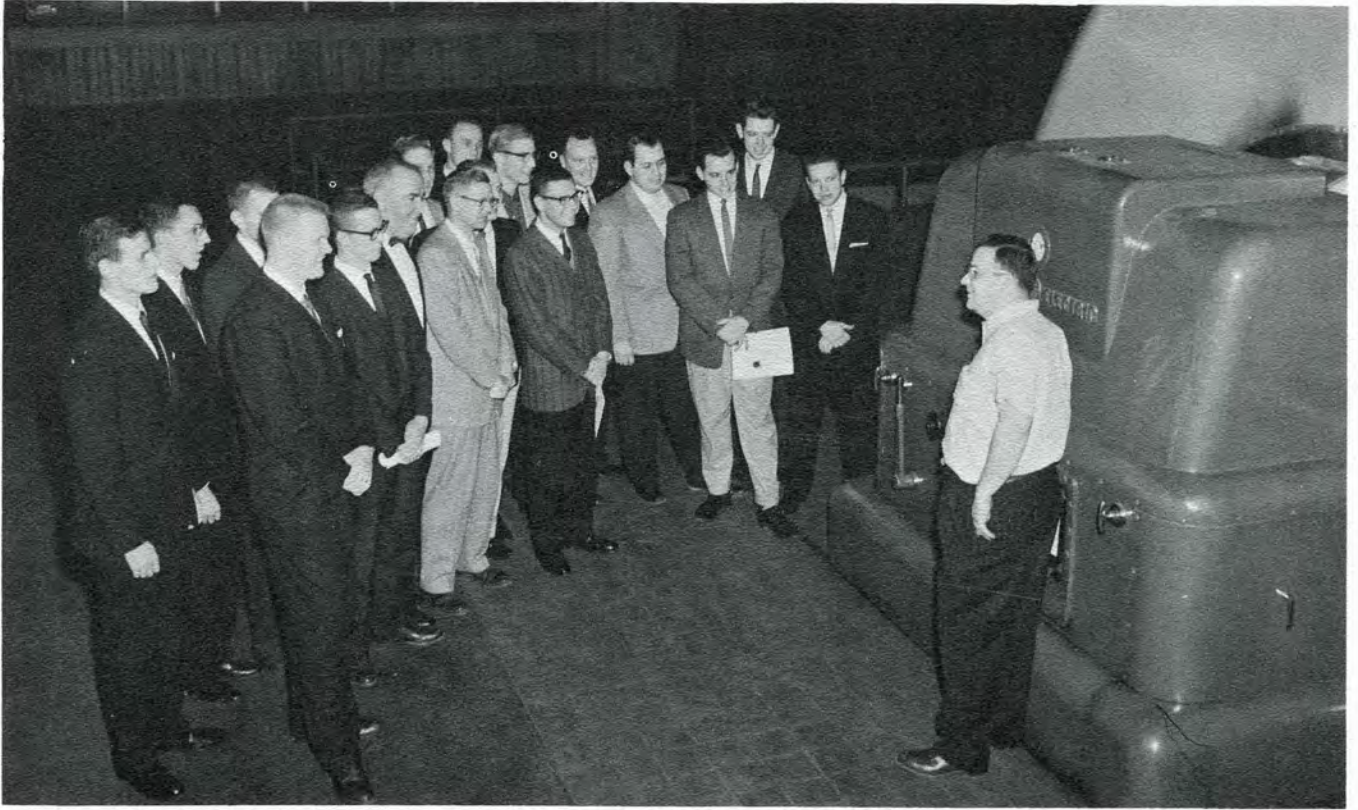
duction, operation and maintenance of passenger cars, trucks, busses, aircraft, missiles, farm, industrial and construction machinery, their component parts and fuels and lubricants.

Membership in the student branch acquaints the prospective engineer with many of the facets of his profession through lectures, films and field trips and attempts to guide him into his life's work.



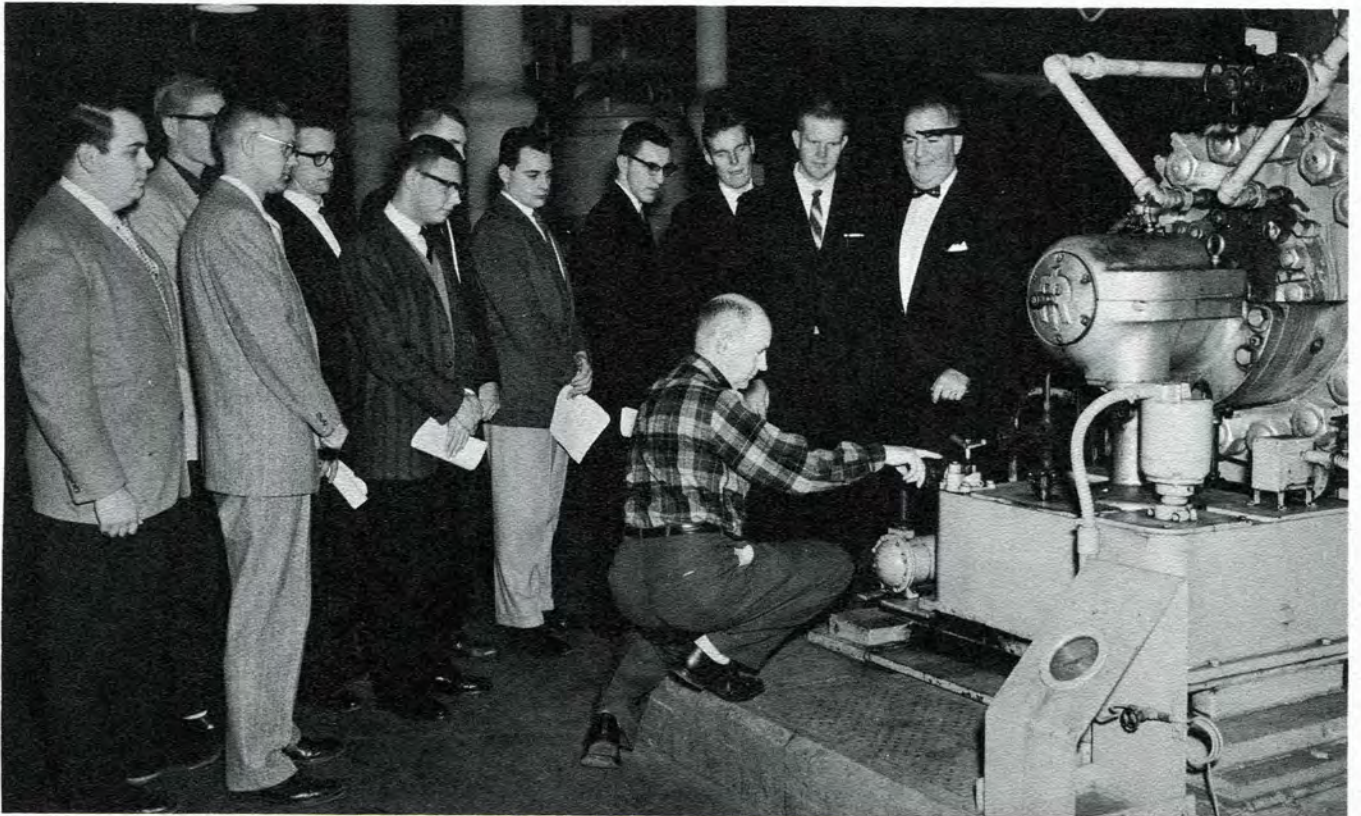


The Ford Nuclear reactor at the University of Michigan created immense interest in members of the Society of Automotive Engineers.



During one of their field trips the members of S.A.M. toured The Detroit Edison River Rouge Plant, where they inspected one of the four 60-foot long primary steam turbines used to generate electricity.

Members of S.A.M. are explained the operation of this coal crusher. A 100 horsepower electric motor is used to turn the crusher, which reduces two-inch coal to a fine granual.





## L-BOOK

Preliminary plans of the yearbook were frequently discussed during the early part of the school year by Gene Perlman, Assistant Editor; Don Wurm, Editor-in-Chief; and Mr. Wilson Daugherty, Faculty Advisor. Plans for the layout, contracting the publisher and photographer, deadlines for copy and pictures, organization, sales procedure, were among the earliest plans.

After the Editor-in-Chief and the Assistant Editor presented the general layout and design of the yearbook to the different groups of the section editors, a number of meetings followed with these groups to retain continuity. Bea Kuzminski submitted her layout to coincide with the general design of the yearbook as Gene Perlman; Hershel Laster, Engineering College Editor; Jack Banfield, Technical Institute Editor; and Don Wurm collaborated on following the original procedures.





Section editors then meet with their staff to plan the future; to fit within the deadlines of the copy, pictures, and pasteups; follow yearbook policies set up by the Editor-in-Chief; Assistant Editor; and Faculty Advisor. Don Monroe, suggested a plan of action to Delmer Metcaf, Mechanical Technology Section Editor, and Jack Banfield.

Printed copy returned from the publishers and final pictures from the photographers, Austin Zago, Architectural Engineering Section Editor, cutting copy; and Dave Frayer, Mechanical Engineering Section Editor, pasting; start the tedious process of pasteups as Larry Sundgren, Electrical Engineering Section Editor, types additional copy and corrections. Gene Perlman pointed out to another possible arrangement.

During the period that copy was written and the pictures taken, Pete Zervos, Division Page Coordinator, submits possible fraternity division page to Fritz Grohs, Fraternity Section Editor.



The index, for which copy was kept up to date by Nick Fakaros, was compiled from the copy, senior activity records, and from the various section editors. Ray Crenshaw, Senior Picture Editor, whose consideration was to schedule senior portrait sittings, mailing information to seniors, filing senior activity records and pictures into their respective departments.

Concentration on sports activity pictures, arranging pictures, and writing copy of same, was undertaking of Jerry Lembas, Sports Editor. Arrangements of layout, pictures, and copy for the administration was carried through by Dave Klumb. He also arranged and filed pictures of the faculty into their departments, and also, worked with the section editors to supply them with the needed faculty pictures. Clint Wellis, Industrial Management Section Editor, followed the general layout, scheduled department activity pictures, wrote the copy for these and Senior pictures and directed the pasteups of his section. This was also the responsibility of each of the section editors.



Sale methods were discussed by the salesman so as to make available a copy of the L-Book to any student who wanted it. Sales of the yearbook were handled by Emerald Herrington.





No matter how well a paper is organized or how well the stories are written it still must be printed, distributed, books kept on the expenditures of the paper.

To accomplish this John Avey, far left, is the chief money counter, his official title is the business manager of the school publications.

Next to him is Mr. K. Snoblin the faculty advisor of the paper. It is to him that the staff turns if they have a problem which they are not able to answer.

Fred Hoffman and Walter Krammer handle the distribution of the paper in the school and also mail many copies all over the world. Also Fred assists John in his different jobs.

One of the main duties of the business staff is to secure ads for the paper to defray part of the cost of printing; this is handled through the business manager, John Avey.

# TECH NEWS

To Publish the Tech News takes the combined effort of many people. Editor-in-chief Rick Chandler, center, has the job of organizing all the different factions of the paper, giving out the different news story assignments, editing and writing the heads for the material turned in to him, and to lay out and publish the Tech News.

To assist him in his job are night assistant editor Jack Hall, far left; and Sidney Rubin, day assistant editor.

On these three men rests the responsibility of forming the editorial policy of the paper. After discussing many different topics they must decide on the editors that will appear in the Tech News. These views, although written by three people, must represent the student body to as great an extent as possible. Also with these three men rest the duty of deciding what material will appear in the News and where it shall be placed.

It is the hope of the Tech News staff that its publication will bring credit to the students that it represents and to the many other readers outside the school. The News is sent to many alumni, schools, and individuals throughout the world.







By far the crowning glory of the Tech News staff are the class columnists. It is through these wild and woolly men that the day school classes obtain their chance to say what they want. As a rule there is no telling what that might be for they are all very unpredictable.

From left to right is Roger Shtogrin, Junior; Ted Purkiss, Freshman; Tom Arnold, Sophomore; Jerry Lembas, Junior; James Boeberitz and Don Schnill, Senior.

The Tech News is one of the few papers that devotes as much to the Class columns as it has done this year. The reason for this is that these men represent the largest active section of the school and accordingly their views and ideas are of great importance.

It should be noted that each of the writers is an officer in class. It is through this the News has been able to receive the attitude and activities of the different classes.

As indispensable as the paper on which the News is printed are the news writers. To them is given the responsibilities of keeping the student body informed on the important news around the school. Seated from left to right are Dave Hoyle, Dan Crow, Art Badger, Carl Bouvier, and Al Yee.

Through the year these men have given of their time and abilities to report the news in order that the students can be informed of all school events.

It is in conferences, such as the one shown, that the news stories come into being. After obtaining all the facts at their disposal they talk over the stories in order to decide how they should be written, what parts of the stories should be struck out and who will do the writing.



One of the main parts of any paper are the pictures and drawings that it carries. Bruce Karvonen has given his talents to the News in drawing cartoons that have appeared this past year.

A picture can take the place of : thousand words if taken correctly, so it has been said. But this can only be achieved with hard work. Fred Brown spends a great deal of time studying pictures that he has taken to decide which show the best view of the action that is being depicted.

Without the artistic abilities of these two students the News would soon become a very dry eight pages with nothing but the printed word.

Day School, Night School, and the Technical Institute often meet in the Tech News office just before their deadlines for the paper. At the far end is the celebrated columnist, Joseph Dulvick, who writes the T.I. After Dark column.

It is here that the Technical Institute has its chances to express their views to the school in the question and answer section of his column.

Next in line is Barney Mosley who tells the biography of an instructor each month. This is a new addition to the paper and has been welcomed by many of the readers.

Anyone who is interested in sports has read "Around the Rim," the creation of Jim Obranovic. In order to have the copy ready to keep the student body up on sports news has meant many trips with the team and many late hours so as to have the copy ready for the presses.

While working on the paper students find that by combining their efforts on different stories the work becomes easier and in most cases better. Ray Crenshaw, far left, discusses his story with Bob Formella, center, and Ed Burke. This year, Ray has been the Assistant to the Editor; in this capacity he has worked on every division of the paper.

Bob Formella has, for the past three years, written the "Nite Life" column so that the night engineering section of the school can have their voice to the other students in the school. This year as the Chairman of the Election Committee, Bob has written a number of articles for the News concerning the different activities of this committee.

Ed Burke added to the Tech News a series of articles which were planned to provide the readers with a higher plain of reading matter than is usually found in college newspapers. Basically he has tried to deal with current social problems that occur in and outside of the school. Even though Ed graduated in January, he continued his series up to the end of the season.

All of the News staff needs ideas to work with before they can begin to write their respective stories; and as stated above one of the main methods of obtaining these ideas is by talking to other staff members in meetings such as shown.





## ALUMNI OFFICERS

Left to right: J. LIDKEA (ME 58), Secretary; C. COWAN (ME 40), President; R. ABT (CE 55), Vice President; W. JAMES (CE 58), Student Council Rep.; R. EXLER (ME 58), Treasurer; G. PECK (ME 58-IE 59), Blood Bank Chairman.

Missing: D. MALONEY (TI 58), Corresponding Secretary.

## BOARD OF DIRECTORS 1959-1960

KOCHANSKI (ME 43), J. POPOVICH (ME 40), A. RUTKOSKI (ME 48), KOSTY (IE 53), E. SCHRODER (AE 43), K. HOLM (ME 51).

## ANNUAL DINNER DANCE

The Annual Dinner Dance is the highlight of the Alumni social calendar. At this time the Alumni get together and renew old friendships.



# ALUMNI ASSOCIATION

The Alumni Association was founded in 1935 and incorporated as a non-profit organization in 1955. The purpose of the Association as set forth in the Constitution is as follows:

To promote the general welfare of Lawrence Institution of Technology.

To further the advancement of the college as an educational institution.

To encourage active commercial and social relationships between members of the Alumni Association.

To establish a mutually beneficial relationship between Lawrence Institute and its Alumni.



## GRANT-IN-AID STUDENT LOAN PROGRAM

Hurst Wulf presenting the check to James Hobson, Vice President of Lawrence Tech., which marked the establishment of the Grant-in-Aid Student Loan Program. Hurst Wolf, Louis Klei, and Peter Camilletti did the initial work on formulating this program. The Grant-in-Aid Program was established to give financial assistance to L.I.T. students during their senior year.

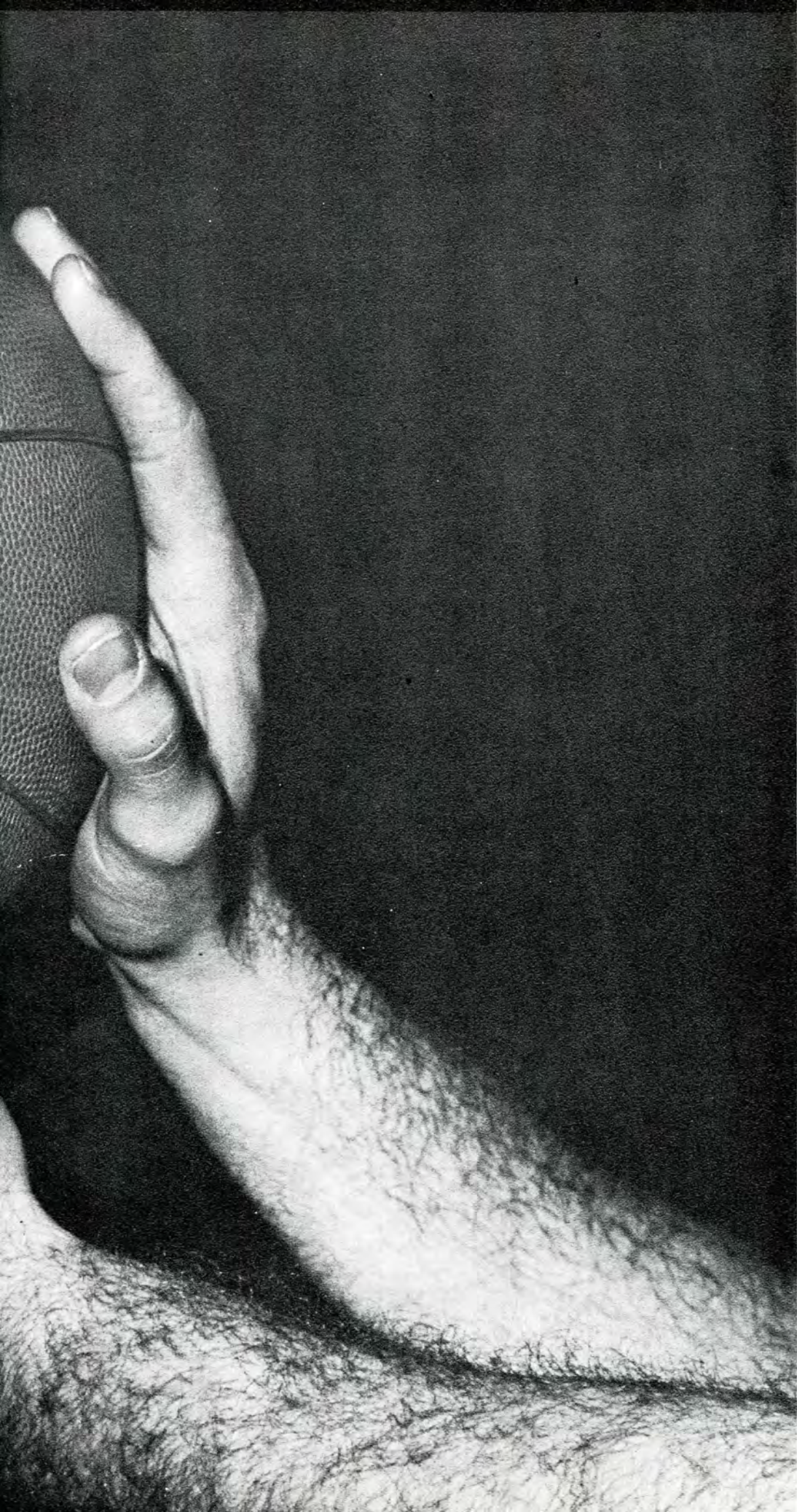
Left to right: C. COWAN (ME 40), J. HOBSON, (IE 49), L. KLEI (ArE 50), H. WULF (ME 41), P. CAMILLETTI (ME 43).

## ANNUAL DINNER MEETING

Annual Dinner Meeting held in June at which the election results are announced and officers installed for the coming year.

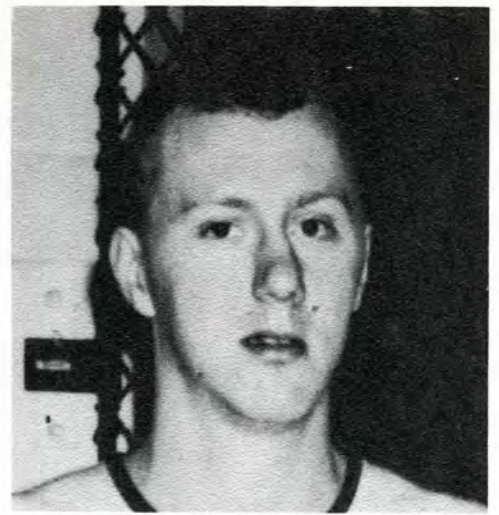








Coach George Verdonckt



Captain Clayton Pethers

**1959-1960 Basketball Squad**

Back row: Don Ridler (Athletic director); Clayton Pethers; Gene Lawson; Fred Tinsley; Fred Wasen; George Verdonckt (Coach)  
Middle row: Curtis Hondzinski (Ass't. student mgr.); Dick Carlson; Jim Morrissey; Bill Maier, Lou Haase; Dan Siwula (Student mgr.)  
Bottom row: John Conway; John Bradley; Henry Podeszwa; Ron Nosek; Ron Keen.



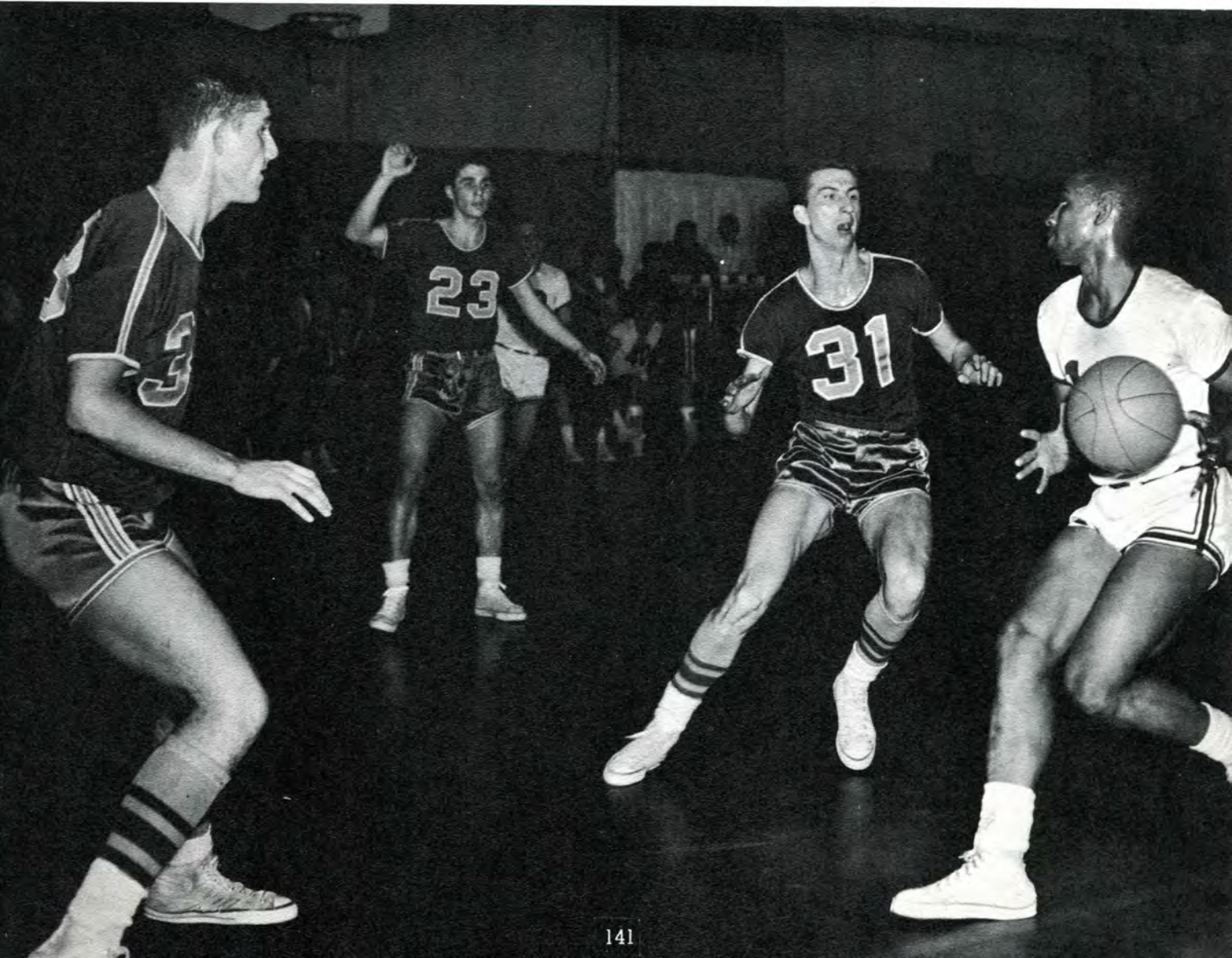
# BASKETBALL

## SEASONS RESULTS

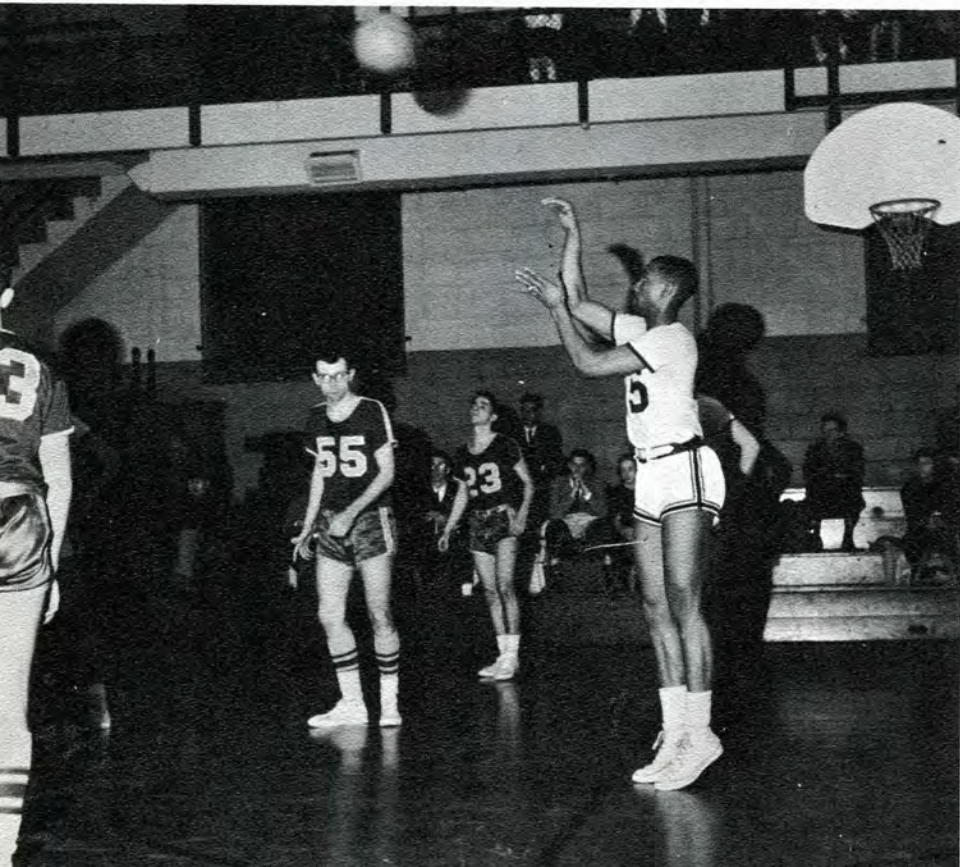
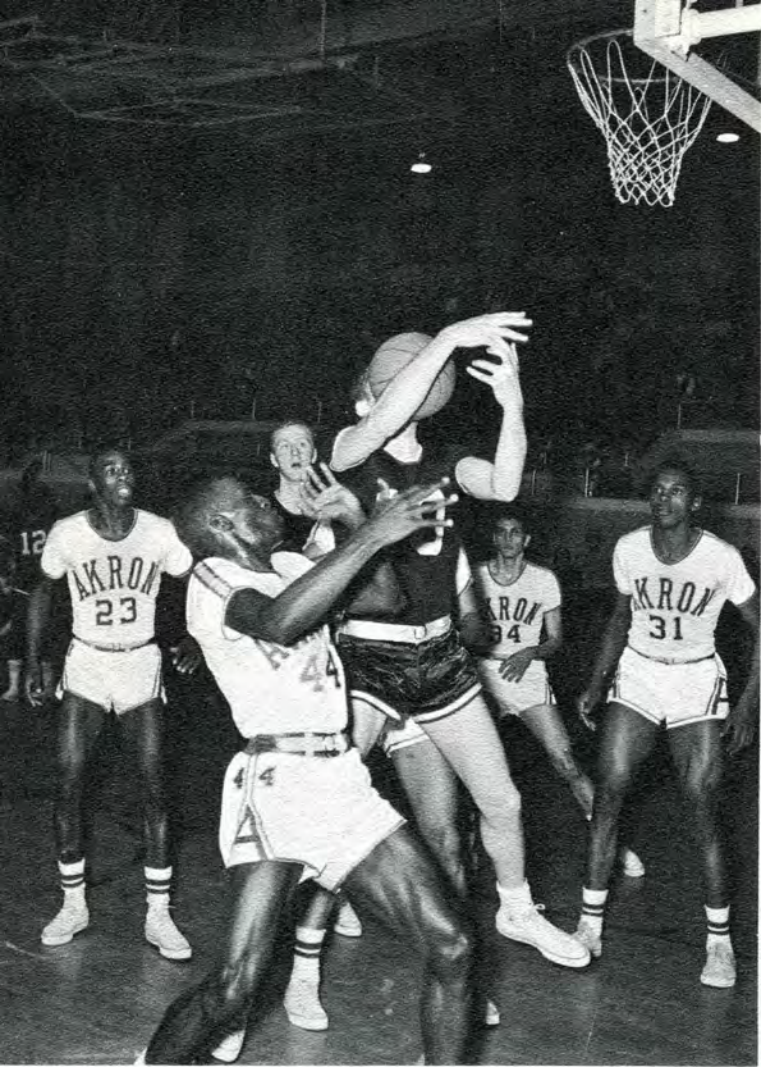
Kalamazoo College	61	L.I.T.	42
Indiana Central	92		89
University of Buffalo	99		73
U. of Western Ontario	75		73
University of Toronto	90		91
Detroit Tech	92		105
Otterbein College	88		104
University of Akron	111		66
U. of Western Ontario	61		68
Olivet College	59		64
Ohio Wesleyan University	91		82
Bluffton College	84		68
Alma College	77		98

Indiana Tech	74	L.I.T.	71
Assumption College	93		88
Taylor College	89		84
Kalamazoo College	71		81
Tri-State	84		71
Findlay College	86		81
Fenn College	77		68
Ashland College	93		102
Tri-State	82		93
Assumption College	71		73
Indiana Tech	68		101
Rio Grande	87		81
Detroit Institute of Tech	80		73

John Bradley keeps D.I.T. busy with his tricky dribbling. John was high scorer for the season with 565 points.



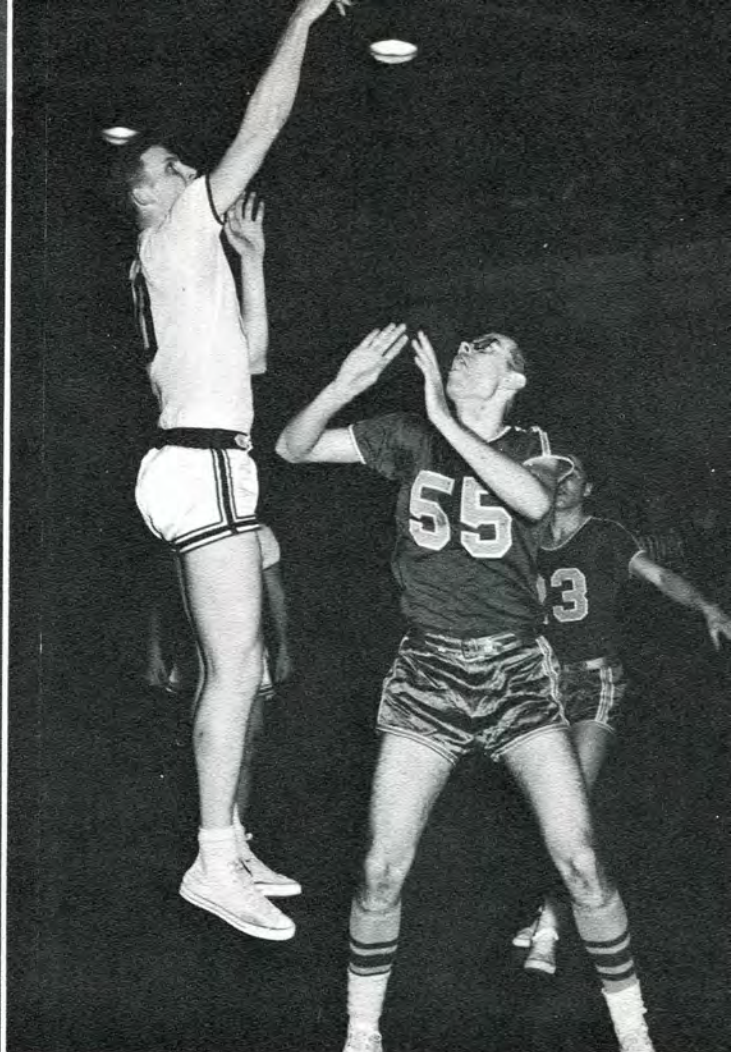




At the Akron Invitational Tournament, Blue Devil Hank Podeszwa fights off Akron's Climon for a rebound.

Bill Maier shoots with finesse as Tech Lou Haase watches, and a D.I.T. player attempts to block.

Free throws are Bradley's easiest as D.I.T. players look on helplessly.



Adding a little poise, Cap Pethers shows D.I.T. how it's done as Tech wins 80 to 73.

Hank Podeszwa's shot is gone as Tech scores 2 more points.

Dick Carlson and Cap Pethers watch as Lou Haase and an Indiana Central player scramble for the ball.



# HOMECOMING



One of the great activities brought back to Lawrence Tech, was the celebrating of homecoming. This festivity honoring the basketball team, began with a rally and a bonfire on the L.I.T. campus, followed by a motorcade to Hackett Field House.

The exciting and victorious game over Detroit Institute of Technology, was the teams contribution to motivate and inspire school spirit.

Other highlights of the game featured the crowning of the Queen, Colette Guzik, and the introduction of her court. Also during half time, A.G.U.'s Distinguishable Player Award was presented to John Bradley for his outstanding sportsmanship and abilities.

Following the game was a dance held at the nearby United Dairy Workers Hall. The crowd danced to the music of Frank Boeberitz and his orchestra. During the intermission the Tech Glee Club sang some old favorites and along with the crowd they added the final touch by singing the L.I.T. Victory song.



## COURT

BERWYN DOUGGAN

MARY McDANIEL

PAT GUIBORD

SUE YEDLEY



## QUEEN

COLLETE GUZIK



A.G.U.'s Distinguishable Player Award is presented by Colette Guzike to John Bradley. John Wells representing Alpha Gamma Upsilon looks on.



# TENNIS

BOB SPENCE

VERN OSTERLAND

BILL PENCE

Of the activities in the school's athletic program, the tennis team is following through in L.I.T. fashion. Although just a few years at L.I.T., the tennis team has the spirit and potential that a winning team must have. It has been successful in many tennis tournaments at Ferris Institute and Central Michigan College.





## VARSIITY

### TEAM ONE

JOHN LEY (Capt.)

CLARK EWING

MORTON FRIEDMAN

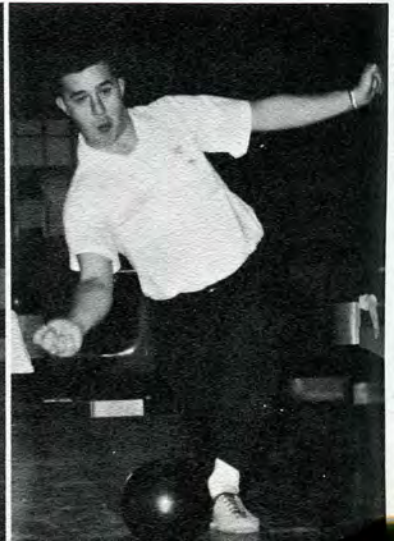
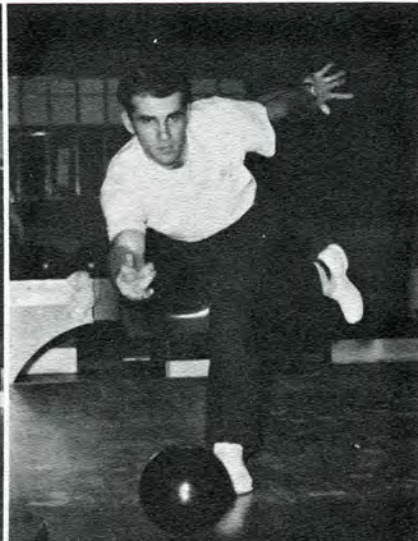
PHIL HOROWITZ

DON POLENS

In the past three years, the Varsity Bowling team has come to be one of the top teams in its league. Competing with teams from Eastern Michigan, Detroit Engineering Institute, Highland Park Junior College, Electronics Institute, and Detroit Technical Institute, both of the Lawrence Tech teams have finished within the top four positions. In the first half of the 1960 season De-



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## BOWLING

troit Institute of Technology, who dropped out of league competition in the last half of the season, finished in first place with Lawrence Tech Team One in second place, while Lawrence Tech Team Two finished in fourth. Individual high game and high three game series were won by Frank Karasinski of Team Two, and the team high game and high three game series were won by Team One.

## TEAM TWO

RAY ROSE (Capt.)

JOHN CAMPBELL

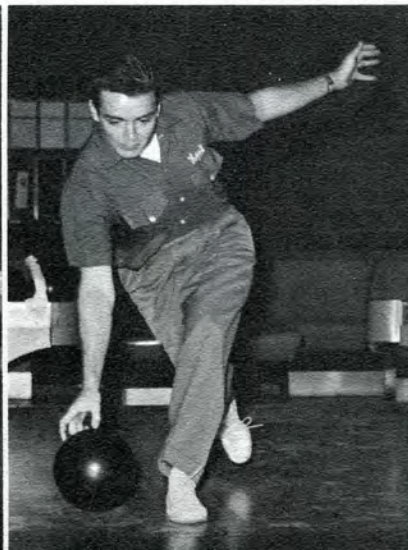
HANK WEBER

GEORGE RECKLING

FRANK KARASINSKI



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## TEAM TWO

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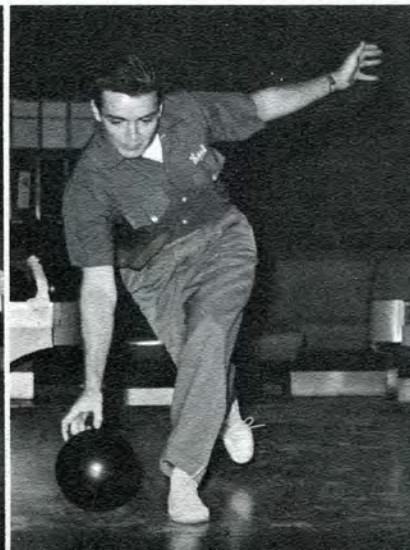
HANK WEBER

GEORGE RECKLING

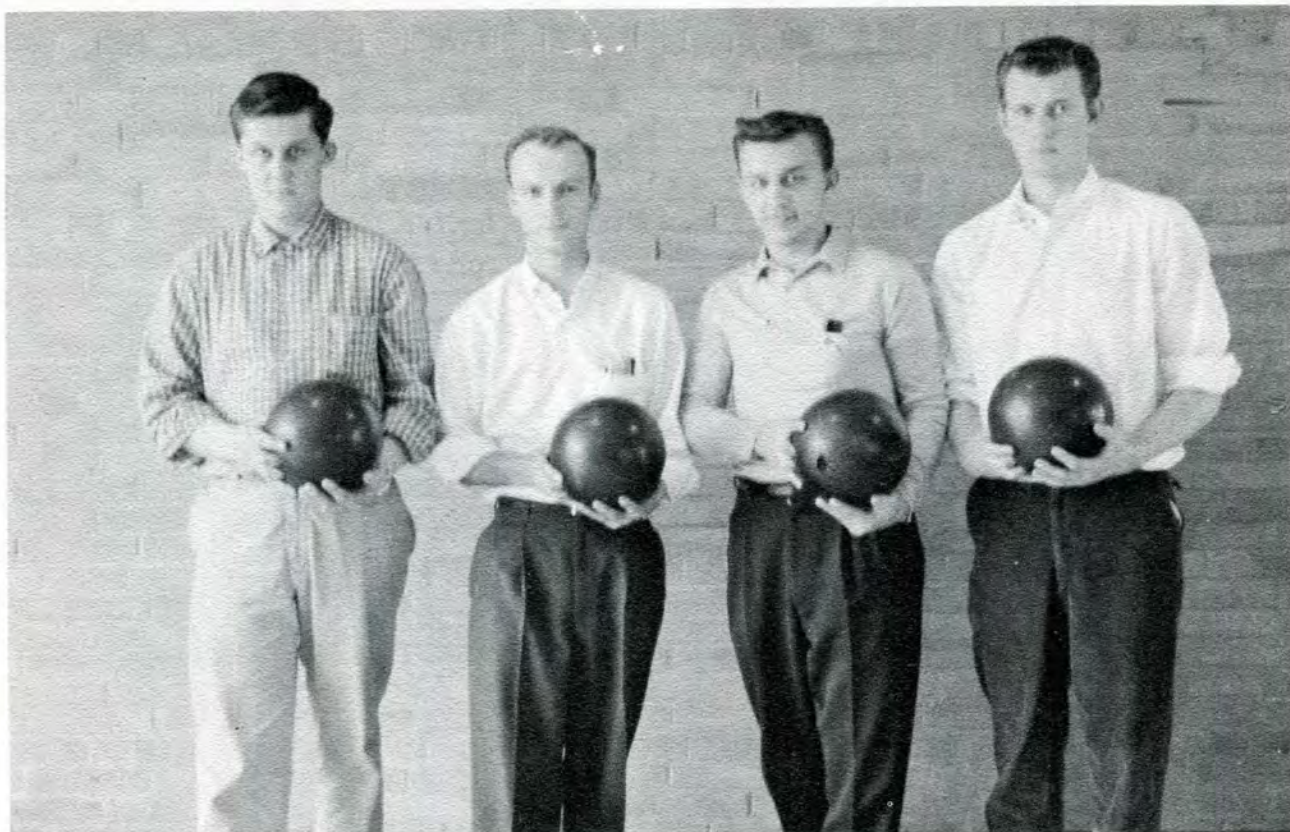
FRANK KARASINSKI



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# INTRAMURAL BOWLING



Winners of the first place trophy for the season was team Ten; Fred Randall, Dave Daily, Greg Cowelchuck, and Jim Zrimec.



High game for the season with a 280, was Ray Rose who also succeeded in rolling the highest series of 660.

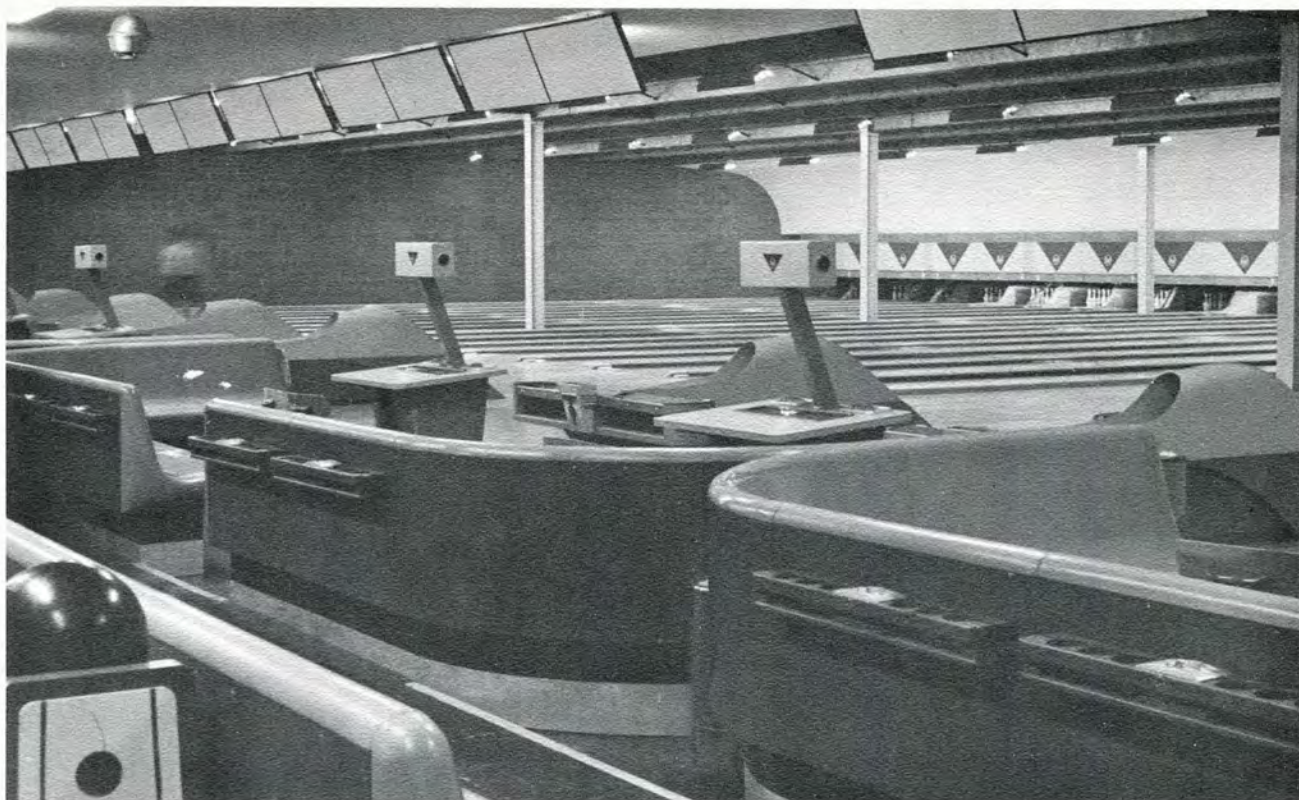
Bob Pass was runner up for high series with a 646.



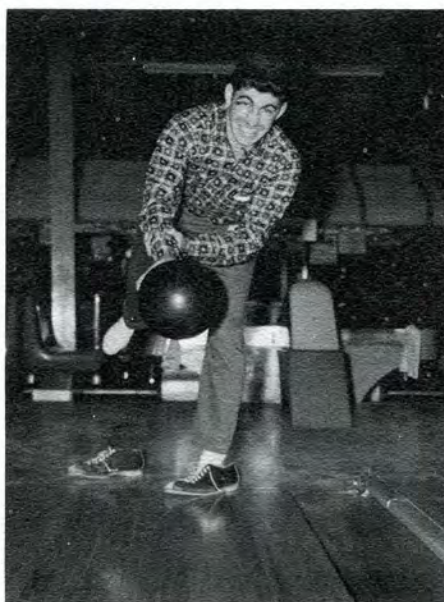
In the last four years Intramural Bowling has become a very popular student activity with fourteen teams participating in the 1960 season.







The league bowls from October to May at the Star Lanes Bowling Alley. The season is ended with a big dinner and the awarding of trophies to the League's winners.



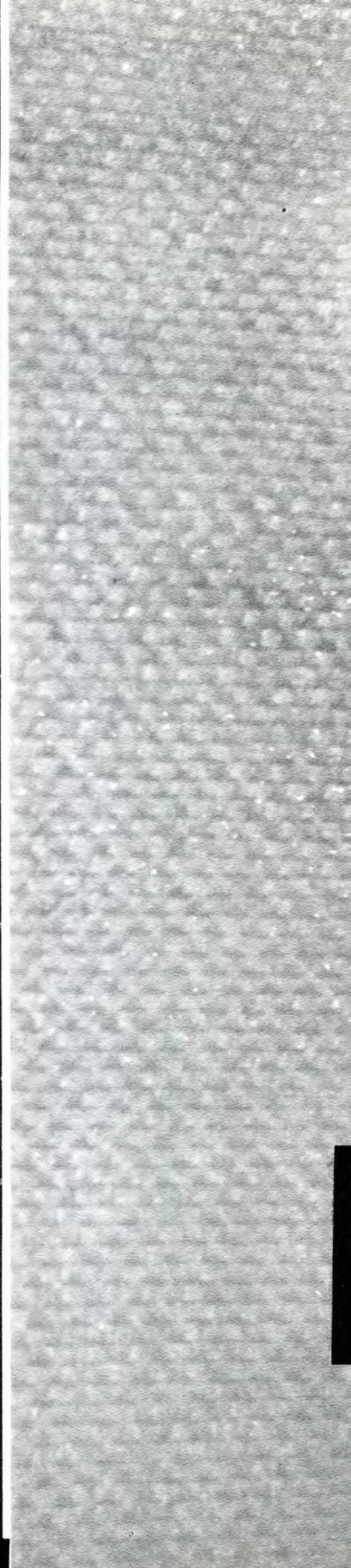
Some beginners have trouble getting equipment to

Humor is added to the scene when Dave Klumb g into the swing.

He went for Seagrams Seven Crown!









ROGER MESKO  
President



JOHN WELLS  
Vice-President

FIRST ROW: P. Kris—Corresponding Secretary, G. Depolo—Recording Secretary, L. Malek—Pledgemaster, G. McLaughlin—Sergeant-at-Arms— R. Chapie—Treasurer, R. Mesko—President, J. Wells—Vice-President, L. Sundgren—Student Council, F. Long—Membership Secretary.

SECOND ROW: D. Bertuzzi, W. Quigley, M. Petrucci, M. Edelheit, C. Wellis, J. Prosser, E. Kiefner, R. Chandler.

THIRD ROW: D. Wurm, D. Morrison, D. Rusas, B. Michalic, L. Hamilton, L. Shekaitis, D. Wenderski, L. Cope, R. Larsen, P. Erickson.



# ALPHA GAMMA UPSILON



GEOFFRY DE POLO  
Recording Secretary



RON CHAPIE  
Treasurer



LARRY SUNDGREN  
I.F.C. Representative

ATY



**RICK CHANDLER**  
*Tech News Editor*  
*Student Council*  
*Vice-President '59*  
*Soph. Class Pres. '58*  
*L-Book Managing Editor*  
*Who's Who*



**ED BURKE**  
*Lambda Iota Tau*  
*Who's Who*  
*Tech News*  
*Associate Editor '59*  
*Columnist '60*  
*Student Council '59*  
*Junior Class Officer '59*



**LARRY SUNDGREN**  
*I.F.C. Representative*  
*Student Council*  
*Chairman Activity Awards*  
*Social Committee*  
*L-Book Staff*  
*Who's Who*



To develop insight into the complexities of gentlemanly accomplishment, the individual must experience the demands of responsibility. This experience and insight is a benefit to the individual because it enables him to rely upon his own ability, and gives him faith in his own potential.

Because of his skill at organizing and guiding the energies of the group to their most profound manifestations, he becomes an asset to his fraternity, his school, and ultimately to his community.

Any organization will be improved by association with men of this caliber. Their mature

decisions will facilitate the pattern of accomplishment which will continue to guide the group after these executives have served their tenure of office. The younger members will be inspired to take advantage of the good example set by their leaders.

Each of these men of Alpha Gamma Upsilon have shown that they possess the essential leadership qualities. For this reason, they have been raised democratically to positions of responsibility by their fellow students. Successful performance of their various executive duties has allowed these men a well earned feeling of accomplishment and personal satisfaction.



**JOHN WELLS**  
*Circle "K" Director*  
*S.A.E.*  
*S.A.M.*



**DON WURM**  
*L-Book Editor*  
*Architectural Club*  
*Vice-President*  
*Glee Club*



**DICK RUSAS**  
*Clothing Drive Chmn.*  
*Jr. Class Sec. '58*  
*S.A.M.*

## PLEDGING

Pledging is a trial and instruction period. During this period, a pledge receives guidance from his big brother and the pledge master, as emphasis is placed toward him on becoming a man who is able to carry responsibility, who has self initiative and pride. The pledges learn to run their own meetings for the purpose of applying their instruction of parliamentary procedure, to work together and to organize the pledge group.



## SCHOOL AND COMMUNITY SERVICE

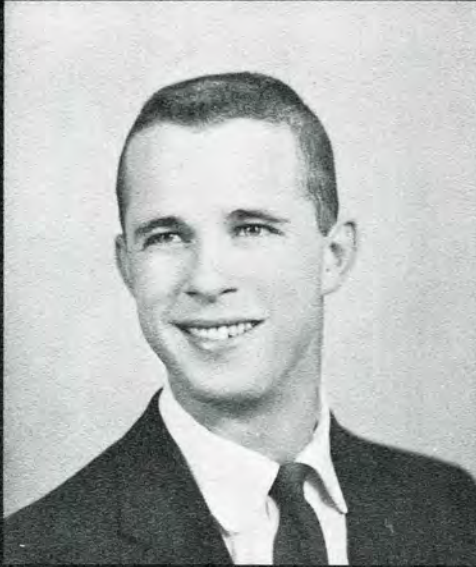
Serving the Community and the School in many worthy actions, such as the clothing drive for the needy children of Southfield, selling Goodfellows newspapers, and painting the school sign, better relations between these organizations are acquired. This is also an opportunity for pledges to accomplish constructive actions instead of hazing.



## MAIN SOCIAL FUNCTION

The Annual Winter Waltz is Alpha Gamma Upsilon's main school function at which the attendance is close to 500 people. The people who attend enjoy dancing and various refreshments, and have a ball. Together with this dance AGU enjoys many other socials, such as house parties, stags, tobogganing, skiing, swimming. . . . Alpha Gamm's also support other school functions, such as Kappa Phi Sigma's Moonshine Mingle.





DAN CRAW  
President



BILL SURBROOK  
Vice-President

FIRST ROW: G. Ament—Corresponding Secretary, J. Battaglia—Recording Secretary, D. Crow—President, W. Burke—Faculty, W. Surbrook—Vice-President, E. Aremia—Treasurer, R. Molotky—Sergeant-at-Arms.

SECOND ROW: B. Karvonen—Guard, W. Kraimer—Historian, J. Owens,

R. Ament, B. Wilson, D. Polens, J. Chamberlin, D. Hoyle.

THIRD ROW: W. Hitchcock, L. Awgerilli, J. Avery, K. Henze, T. Arnold, R. Moore.





# KAPPA PHI SIGMA



ED AREMIA  
Treasurer



JOE BATTAGLIA  
Recording Secretary



GERRY AMENT  
Corresponding Secretary

KAPPA PHI SIGMA



**DAN CRAW**  
*Student Council Vice-Pres.  
 Parking Comm. Chairman  
 Tech News Staff  
 Who's Who*



**DAVE HOYLE**  
*Lambda Iota Tau  
 Student Council Rec. Sec.  
 Who's Who  
 I.F.C.  
 Tech News*



**BILL SURBROOK**  
*S.A.M. Vice-Pres.  
 Student Council  
 Homecoming Dance Comm.*



Many students have the fallacious idea that a college education is achieved strictly through text books and classroom lectures. But, in order to build a well balanced education, they should participate in some extra-curricular activities.

Our campus is generously endowed with activities which are diversified enough to be of interest to all students such as: the student council, the two student publications, varsity and intra-mural sports, clubs and fraternities.

Unless the student takes full advantages of these activities which are open to him, he is missing the most interesting element of college life, according to the above students.

Why are these students so interested in extra-curricular activities, and who benefits from their active participation in the social outlets of college life? The obvious answers are that they become active to fill out their college education and that they are the ones who benefit from their interest in college social life as well as academic life.

These students are materially rewarded with pins, keys, and certificates for their contributions toward campus organizations. Occa-

sionally they are accepted and entered in the register of Who's Who Among Students in American Universities and Colleges, as three of the above have. But, the greatest reward that any student leader receives is when someone personally thanks him for a job well done. But it also goes much deeper than this. They get a great personal satisfaction from not only being associated with a particular group or groups, but in assuming an active part in the planning and carrying out of the group ideas.

The organization and its members benefit when a real student leader is one of its members. The school benefits from the knowledge that competent students are participating in the extra-curricular activities. Every student benefits directly from the work done by the council, the L-Book and the Tech News Staff.

Kappa Phi Sigma is justly proud of its fine array of members who are not only active within the fraternity, but are student leaders throughout the school as well. When any of our brothers receives recognition in connection with another activity, KPS reaps benefits from his prominence. This is one of the many reasons that Kappa Phi Sigma is highly rated by many students and members of the faculty.



**SID RUBIN**  
*Tech News Managing Editor  
 Student Council  
 Judicial Comm. Chairman  
 Parking Committee  
 S.A.M.*



**JOHN AVEY**  
*Who's Who  
 Publications Manager  
 S.A.M. Pres.  
 Student Council*



**TOM ARNOLD**  
*Soph. Class President  
 Student Council  
 Election Committee  
 Homecoming Dance Comm.  
 Tech News  
 S.A.M.*



At the end of each pledge season, the new members are honored with a dinner-dance. This one was held at the Wakeek Tea Room in Wyandotte.



Three members on the left consult two pledges prior to their final pledge exam.

SOCIAL FUNCTIONS



It wasn't all hayrides, hot dogs, and dancing as some KPS men serve liquid refreshments at the "Moonshine Mingle."



KPS has an annual convention each summer. The one last year was held at Gerry and Kay Ament's cottage on Lake St. Clair.

OTHER ACTIVITIES



KPS has been the I.F.C. softball champions the last two years. If they win the championship this spring the trophy will belong to KPS permanently.



KPS is proud of its tradition of supporting other fraternity and school functions. Here is part of the many Kappa Phis who attended the Winter Waltz.



CHARLES LOOMIS  
President



GERALD LEMBAS  
Vice-President

FIRST ROW: G. Kinsel—Pledgemaster, D. Van Blois—Treasurer, K. Sandberg—Secretary, C. Loomis—President, G. Lembas—Vice-President, G. Larson—Faculty, L. Malinowski.

SECOND ROW: A. Oddo, J. Ross, W. Klaf, L. Stys, W. Lunski, E. Cas-

cardof, J. Dyki, F. Karasinski.

THIRD ROW: G. Walls, G. Zehnder, F. Randall—Sergeant-at-Arms, R. Bedlore, D. Bielawski, E. Kabit.



# KAPPA SIGMA KAPPA



KEN SANDBERG  
Secretary



DAVID VAN BLOIS  
Treasurer



JOHN PARKER  
Sergeant-at-Arms

K S K



**LESTER W. MALINOWSKI**  
*Student Council Pres.*  
*Member of Judicial Comm.*  
*Soph. Class Pres. (Night)*  
*Junior Class Vice-Pres.*  
*Tech News Staff*  
*Sec., Kappa Sigma Kappa*  
*Member of S.A.E.*



**CHARLES K. LOOMIS**  
*Student Council*  
*Victory Dance Comm.*  
*Activity Awards Comm.*  
*Jr. Prom Comm.*  
*Architectural Club*  
*L-Book Staff*  
*Acting Chairman I.F.C.*



**GARY ZEHNDER**  
*Delegate to Planning*  
*Comm. for 1960 Internal*  
*Convention of KSK*  
*Victory Dance Comm.*  
*Frosh Fling Comm.*  
*Hell Week Comm.*  
*Chairman Advertising Comm.*



Almost any extra-curricular activity, such as; class officer, or membership on a committee of the Student Council, has a corresponding position or office in a fraternity. The experience and sense of responsibility gained by participation in these activities will make the individual an excellent fraternity member. Participation in school activities by the newer members of a fraternity provides exceptional training for the time when they will hold positions of responsibility in their fraternity.

As a group, a fraternity gains many benefits from having as its officers men who are active in school affairs. These men, by virtue of their experience in other activities, are able to

exercise mature judgment in making decisions effecting their fraternity. Fraternity officers who are active in other areas are in a position to serve the best interests of their fraternity when dealing with other student organizations or the student government.

The benefits of active participation will also become apparent when the student graduates and enters a position in industry or the engineering profession. Young men who, by the experience gained in school activities are prepared to accept responsibilities and use their own initiative to advance far more rapidly than the average graduate.



**GERALD A. LEMBAS**  
*Student Council*  
*Freshman Class Vice-Pres. '58*  
*Junior Class President '60*  
*Frosh Fling Comm.*  
*L-Book Staff*  
*Tech News Staff*  
*Electronics Club*



**KEN SANDBERG**  
*Kappa Sigma Kappa*  
*Secretary*  
*Pledgemaster*  
*Membership Comm.*  
*Civil Club*

## PLEDGING



Kappa Sigma Kappa's oldest pledging tradition is "Operation Skitski." It is held one night during the last two weeks of pledging. At "Skitski" the pledges must entertain the members by means of skits and impersonations, and they must also perform various special services for the members. "Skitski" enables the pledges to meet the alumni members who cannot attend the regular pledge meetings.

## DINNER DANCE



Throughout the year, Kappa Sigma Kappa has social functions for its members. Some of these functions are drag parties, stag parties, the pledge mixers, the Formal Banquet, picnics, and the I.F.C. softball league. The brothers of Kappa Sigma Kappa also attend the other school social functions as a group, which increases their enjoyment of these functions.

## MAIN SOCIAL FUNCTION



Kappa Sigma Kappa presents its annual "Millionaire's Party" each Fall. This function is open to the entire student body. The last "Millionaire's Party," which was held on November 14, 1959, was the most successful in our history. It was attended by more than two-hundred and fifty couples.



FLOYD WHITE  
President



ROBERT FORMELLA  
Vice-President

FIRST ROW: S. Ibrahim—Corresponding Secretary, B. Formella—Vice-President, G. Liles—Recording Secretary, A. Yee—Treasurer, R. Moxley—Chaplain.

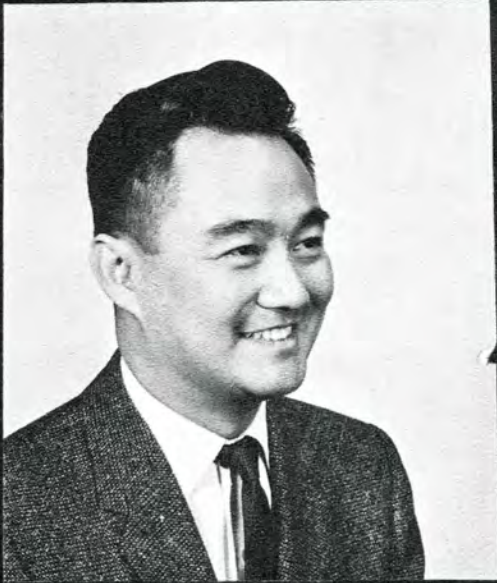
SECOND ROW: A. Wisniewski, W. Weishaar, D. Brooks, R. Darbyshire, R. Kaphngst.

THIRD ROW: F. Mazeiko, M. Murphy, L. Kunin, N. Smith, F. Ciampa.





# PHI KAPPA UPSILON (Alpha)



ALBERT YEE  
Treasurer



GEORGE LILES  
Recording Secretary



SEID IBRAHAM  
Corresponding Secretary

PHI KAPPA UPSILON



DICK MOXLEY  
*Student Council  
 I.F.C. Representative  
 Member Social Comm.  
 Awards Comm.*



FLOYD WHITE  
*Phi Kappa Upsilon  
 Treasurer '59  
 Senior Class Pres. '60*



MIKE MURPHY  
*Sec.-Treas. Class '61  
 Math Club Pres.*



The "Active" student — who is he? There are five such students pictured above. These are the students who are sufficiently interested, not only in the success and well being of the school but in their own success, to participate in extra curricular activities.

In these students there exists an awareness of the need to develop their complete potential. A potential that is based not only on achieving a formal education but on the development of the personality and a knowledge of leadership. Without this, an individual is limited and can rise only to one of the lesser plateaus and then stagnate without hope of reaching the peak.

For this, as well as many other less significant reasons, these men are striving toward

a complete education. An effort that requires that certain something called "drive" that sparks men to succeed.

Behind each of these students is a wife and family encouraging him and sharing in his endeavors. Each of these students represents a man engaged in earning a living, raising a family, and attending college and yet ready and willing to go to the limit and participate in extra curricular activities.

When these "Active" students graduate they will be more than graduating seniors lumped in a group with all other graduating seniors they will be **dynamic men** — standouts in a crowd.



ALBERT YEE  
*Lambda Iota Tau  
 Student Council  
 Chmn. Honor Society Comm.  
 Member Finance Comm.  
 Member-at-Large  
 Math Club Vice-Pres.*



ROBERT FORMELLA  
*Lambda Iota Tau  
 Student Council  
 Member-at-Large  
 Chairman  
 Elections Comm.  
 Finance Comm.*





NORMAN TOMBONI  
President



JAMES BOEBERITZ  
Vice-President

FIRST ROW: B. Prutow—Master of Rituals, F. Malinowski—Warden, R. Hewson—Secretary, N. Tomboni—President, R. Schenkel—Faculty, E. Graeffe—Faculty, E. Jositas—Faculty, J. Boeberitz—Vice-President, C. Bouvier—Chaplain, D. Schmill—Treasurer.

J. Neuse, G. Leamon, R. Lipinski, J. Plas, R. Furmaga, W. Crosby—Recording Secretary.

THIRD ROW: T. Mason, L. Measel, R. Rose, J. Janicki, B. Schlaff, A. Fiegehen, R. Shtogrin, C. Davis, J. Stangis, R. Restrict, T. Rusinowski, V. Osterlund, V. Andragna.

SECOND ROW: B. Pence, J. Lee, C. Araujo, B. Pass, C. Gorman, C. Otto,



# PHI KAPPA UPSILON (Delta)



ROBERT HEWSON  
Secretary



DONALD SCHMILL  
Treasurer



FRANK MALINOWSKI  
Warden

PHI KAPPA UPSILON



**CARL BOUVIER**  
*Phi Kappa Upsilon*  
 Chaplain, Housing Corp.  
 Senior Vice-Pres.  
 Student Council  
 Tech News Staff  
 M.S.P.E.  
 Homecoming Committee



**JOHN JANICKI**  
*Social Comm. Chairman*  
*Electronic Club*  
*Society of Auto. Engrs.*  
 M.S.P.E.  
 Dinner Dance Committee  
 L-Book Writer



**ROGER SHTOGRIN**  
*Junior Class Pres.*  
*Student Council*  
*Tech News Staff*  
 Pub. Committee Chairman



Phi Kappa Upsilon Fraternity, the oldest fraternity on campus was founded in August, 1932. The late Russel E. Lawrence organized it to endow the friendship between the original students and those who followed. In 1932 it was organized under national charter, the nucleus being at Lawrence Tech.

The promotion of faith, honesty, and love of fellow man is the most important function of the Fraternity. Through this many accomplishments have come about.

The long awaited dream of every Fraternity — a home — was purchased in the early spring of 1959. It is located at 21000 Nine Mile Road. Many hot summer days were spent conditioning the home for the men who would soon be residing there.

Once again the men of Phi Kappa Upsilon were at the Michigan State Fair selling refreshments. Whole hearted spirit was shown during the local blood bank drive.

Our annual New Years Eve party was a great success and a pleasant time was had by all who attended.

Along with the New Year came new enthusiasm and initiative. Attention was centered on raising funds for scholarships and home improvements. The alumni's effort helped achieve these goals by the raffeling of a 1960 Ford Falcon.

Continuously increasing membership in the Student Council, class offices, and clubs on campus helps to maintain the honor and prestige of the Phi Kappa Upsilon Fraternity.



**WILLIAM PRUTOW**  
*Phi Kappa Upsilon*  
 Master of Rituals  
 Architectural Club



**WALT CROSBY**  
*Corresponding Sec.*  
*Supreme Council Rep.*  
*Dinner Dance Comm.*  
 Electronic Club



**RICHARD LIPINSKI**  
*Phi Kappa Upsilon*  
 New Year's Eve  
 Dance Chairman



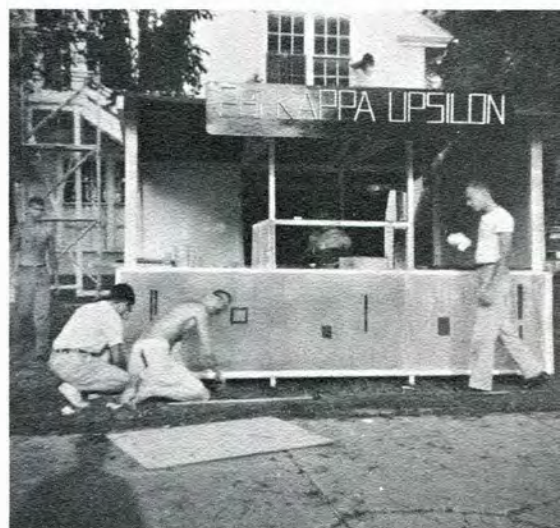
Members showing the true spirit of Founder's Day.



Brother Carl Bouvier painting the peak of the Fraternity house — the human weather vane.



Brother John Janicki and Frank Malonowski answering questions asked by prospective pledge.



Annual Michigan State Fair stand and some of the working members.



Brothers gathered around the table for a quiet game of cards.



Brother John Janicki explaining to the Chaplain, Brother Carl Bouvier and his congregation, the evils of drinking.



**GEORGE GROHS**  
President



**JACK BASTO**  
Vice-President

FIRST ROW: B. Radford—Pledgemaster, J. Basto—Vice-President, E. Hancock—Faculty, G. Grohs—President, F. Plizga—Chaplain, D. Frayer—Corresponding Secretary, A. Zago—Student Council.

Richl, R. Maeder, J. Miller, L. Gary, J. Nieme, R. Fryc.

SECOND ROW: R. Kinsey, D. Grden, M. Hartenberger, J. Pershon, J.

THIRD ROW: E. Salter, D. Smith, P. Horn, J. Evangelista, J. Schellebower, R. Noetzold, W. McHale, H. Peters, P. Scullion, D. Ross.







**CHUCK SMITH**  
*Rho Delta Phi*  
*President '59*  
*Financial Renascent*  
*Organized L.I.T. Choir*  
*Choir*



**AUSTIN ZAGO**  
*Student Council*  
*I.F.C. Representative*  
*Architectural Club*  
*Student A.I.A.*  
*L-Book Staff*  
*Choir*



**DICK SIMMONS**  
*Rho Delta Phi*  
*President '57*  
*Vice-President '59*  
*Organization Chairman*  
*Safety Check Chairman*



A man should not be happy with just the essential goods which will lead him through life; he must select those opportunities which will enable him to develop fully his capacities as a human being, and so to realize his complete actuality. A college education is usually one step along the way to full self-realization.

With education we should also develop a high standard of morals and character, encourage scholarship, and develop honor and loyalty among the students. To achieve these qualities we may look toward the students who have been outstanding as leaders in their fraternity and active participation in school functions and organizations. These are the students that form a nucleus for the co-operation and friendship within the student body.

In college we find friendship between men of character and ability. Some friendships in college may be based upon notions of self-interest, but friendship that is genuine, enduring, and rewarding in the best of sense must be between men of virtue, who seek only to be of service to their fellow students. To help others where one can is a duty. Without any motive of self-interest, they find an inner pleasure in spreading happiness around them and can take delight in the contentment of others as their own work.

Thus Rho Delta Phi may feel proud that it has members who are actively participating in the growth and betterment of their school and fraternity by giving these institutions their unbiased support and knowledge.



**JERRY SCHEDLEBOWER**  
*Rho Delta Phi*  
*Secretary '58*  
*Baseball Team Captain*  
*I.F.C. Representative*  
*Student Council*



**GEORGE GROHS**  
*Rho Delta Phi*  
*Treasurer '59*  
*Architectural Club*  
*Student A.I.A.*  
*L-Book Staff*  
*Choir*



**DON ROSS**  
*Rho Delta Phi*  
*Sergeant-at-Arms '60*  
*Baseball Team Captain*  
*Civil Club Vice-Pres.*  
*Student Council*  
*L.I.T. Golf Champion '58*



WILLIAM REPPEN  
President



GARY BULLOCK  
Vice-President

FIRST ROW: L. Ponziani—Honorary Member, A. Blythe—Faculty, D. Metcalf—Sergeant-at-Arms, J. McMann—Recording Secretary, W. Reppen—President, C. Bullock—Vice-President, L. Hannert—Treasurer, J. Banfield—Corresponding Secretary, G. Heeman—Honorary Member.

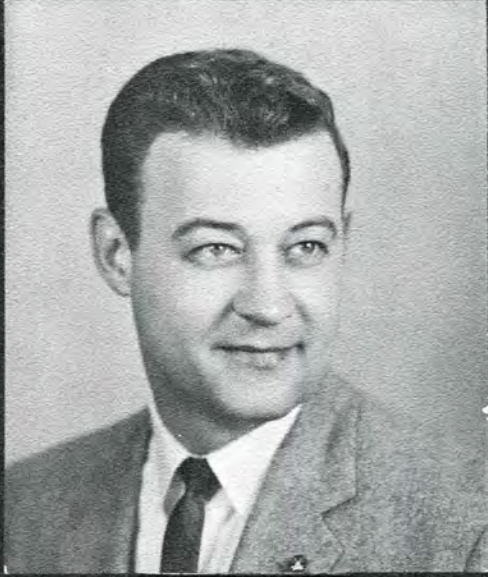
Williams, A. Dimartino, N. Monks, R. Owens, W. Stever, R. Heinrich, E. Burgess, E. Holden.

SECOND ROW: P. Standley, R. Lipmyer, H. Lund, W. Terreault, A.

THIRD ROW: B. Willis, L. Lentner, S. Nagy, R. Kwitt, A. Butterworth, S. Mitchell, R. Truchan, W. Macneill, R. Willbaum, C. Bellmore, C. Burleson.



# SIGMA KAPPA PSI



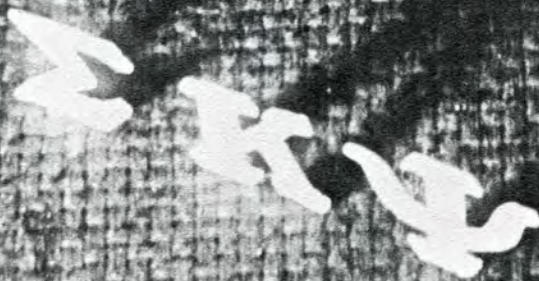
LYNN HANNERT  
Treasurer



JACK McMANN  
Secretary



JOHN BANFIELD  
Recording Secretary





**HARRY LUND**  
*Student Council Treas.*  
*A.S.T.E. Chairman*  
*Vice-Chairman*  
*Class Vice-Pres. '58-'60*  
*Blood Bank Coordinator*



**DEL METCALF**  
*Sigma Kappa Psi*  
*Sergeant-at-Arms*  
*Senior Class Pres. '58-'60*  
*A.S.T.E. Treas.*  
*Election Committee*  
*Chairman Founder's Day Comm*



**AL WILLIAMS**  
*A.S.T.E.*  
*Vice-Chairman*  
*Student Council*



Most of us admire those who can make something useful of their lives; and the fact that a man is in college is proof in itself that he has the desire for a full and useful life.

Studies of personality made by scientists in recent years show that men who have had the greatest opportunity for fellowship and companionship develop the best and most pleasing personalities. There is a definite and direct relationship between personality and sociability. The outward impression created by an individual's personality is the prime factor in how well he will integrate and develop with his fellow man.

Members of clubs, fraternal orders and group organizations usually rate very high in personality because they have had the opportunity to develop their best traits through close and friendly active relationships with others having similar aims and interests.

Most people will agree that personality is

worth cultivating and one of the best ways of doing this is through active participation in the various school activities which always abound in the progressive school. This attitude of fellowship manifests itself in 'Esprit de Corps' or school spirit, which expands itself even to those students who normally might be somewhat reserved toward outward displays of enthusiasm. This mutual association of persons interested in intellectual advancement and expanded human relations is an outstanding way in which to develop self confidence and leadership qualities, as well as a more personable attitude toward education and humanity.

Academic ability alone is of little worth without the support of the more aesthetic qualities of personal and humanitarian considerations. The man who develops his character and personality to the fullest will advance at a more steady and leisurely pace than the man who is foremost in his academic capabilities alone.



**WILLIAM MACNEILL**  
*Sigma Kappa Psi*  
*Tech News Reporter*  
*Senior Class Pres. '60-'61*  
*A.S.T.E.*



**JOHN BANFIELD**  
*Sigma Kappa Psi*  
*Recording Secretary*  
*Class Vice-Pres. '61*  
*L-Book Asst. Editor*  
*A.S.T.E.*



**PHIL STANDLEY**  
*Class of '61*  
*Secretary-Treasurer*

We of Sigma Kappa Psi feel that one of our obligations is to provide a social atmosphere to the members and their wives. We feel that this atmosphere not only stimulates old friendships, but also transmits a feeling of "belonging" to the newer members.



Their wives meet.



Secret



The Arthur Murray's of Sigma Kappa Psi.



What in the world's going on

One-half of the pictures were taken at a Christmas party held in the Rainbow Room of the Veterans Memorial Building. The remaining pictures were taken at our Valentine dance, "Cupid's Caper," our first attempt at sponsoring a dance, and which we hope to make an annual event.



School chums meet.



Everyone joins

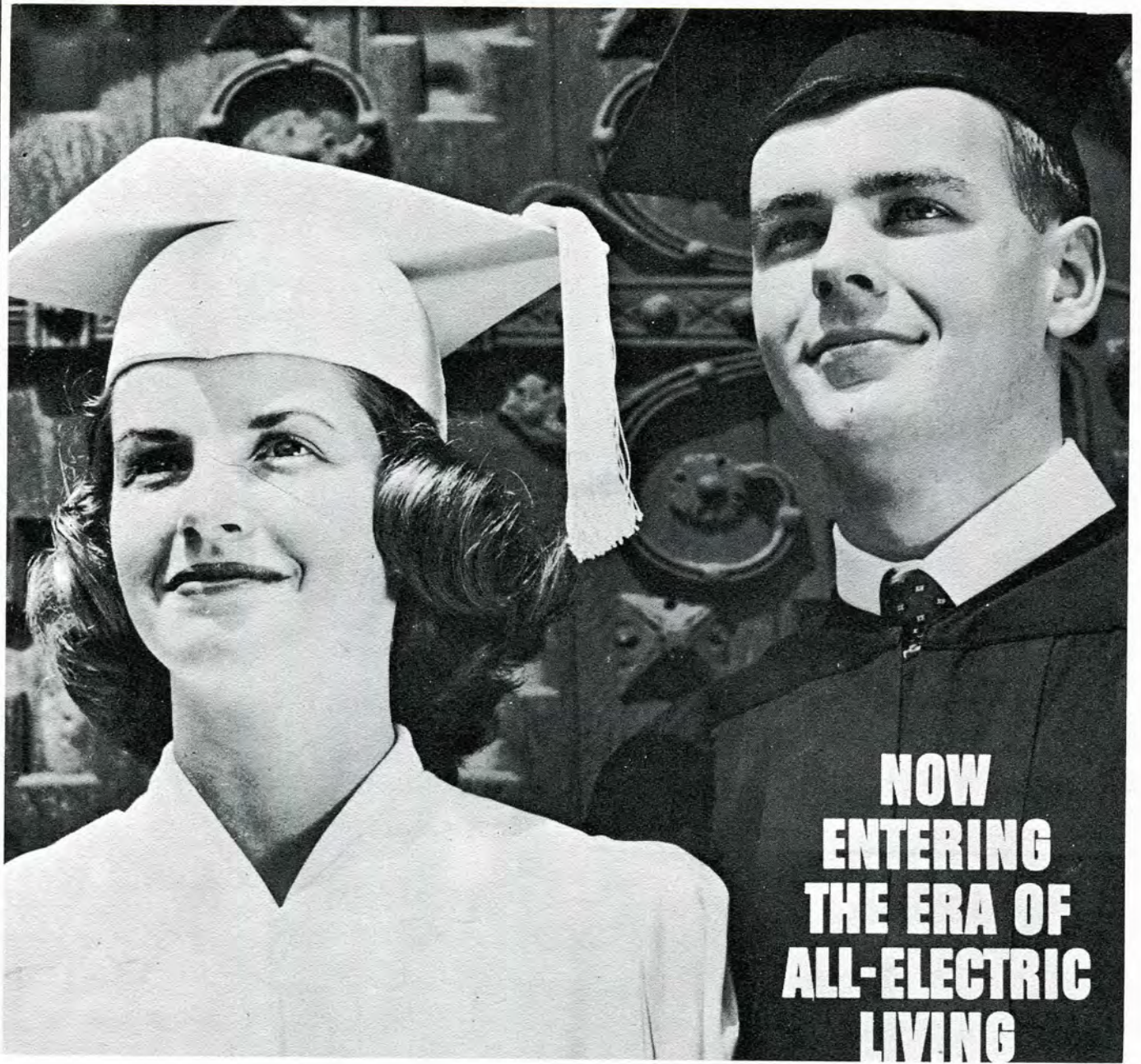
The smiling faces you see in the pictures above proves we have met this obligation with a high degree of success.



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Or, if you go on to college, perhaps you will become one of the scientists or technicians who help further mold the all-electric world of the future.

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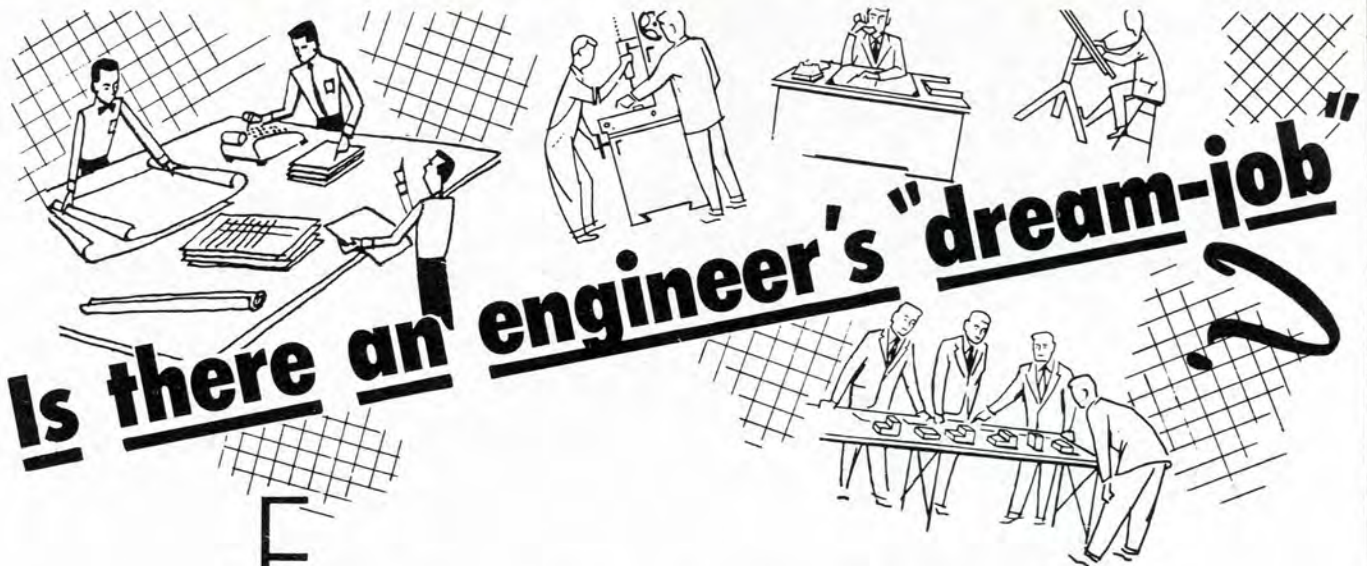
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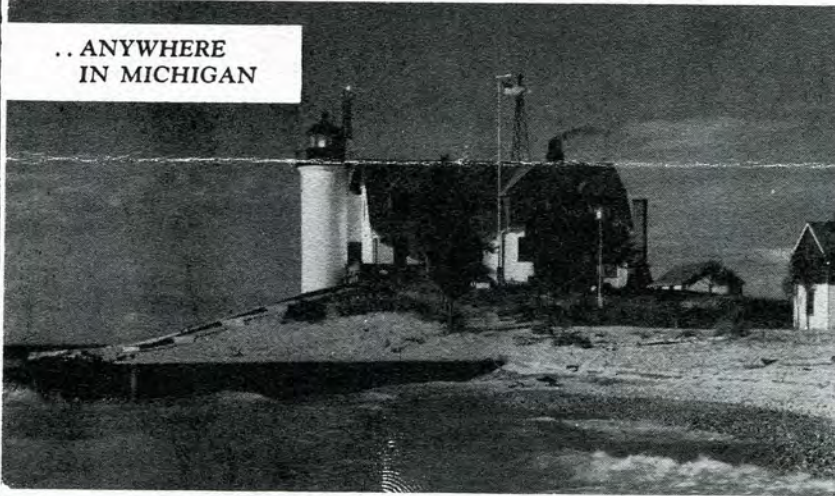
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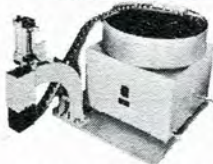
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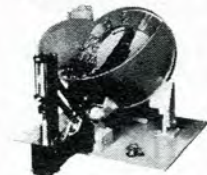
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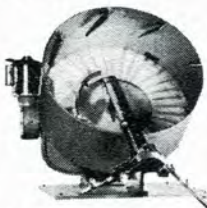
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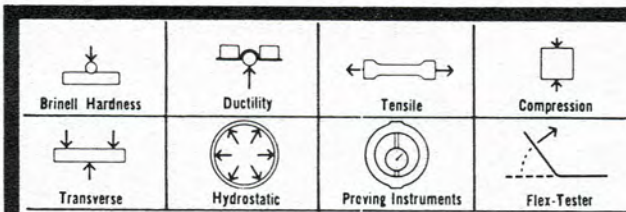
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