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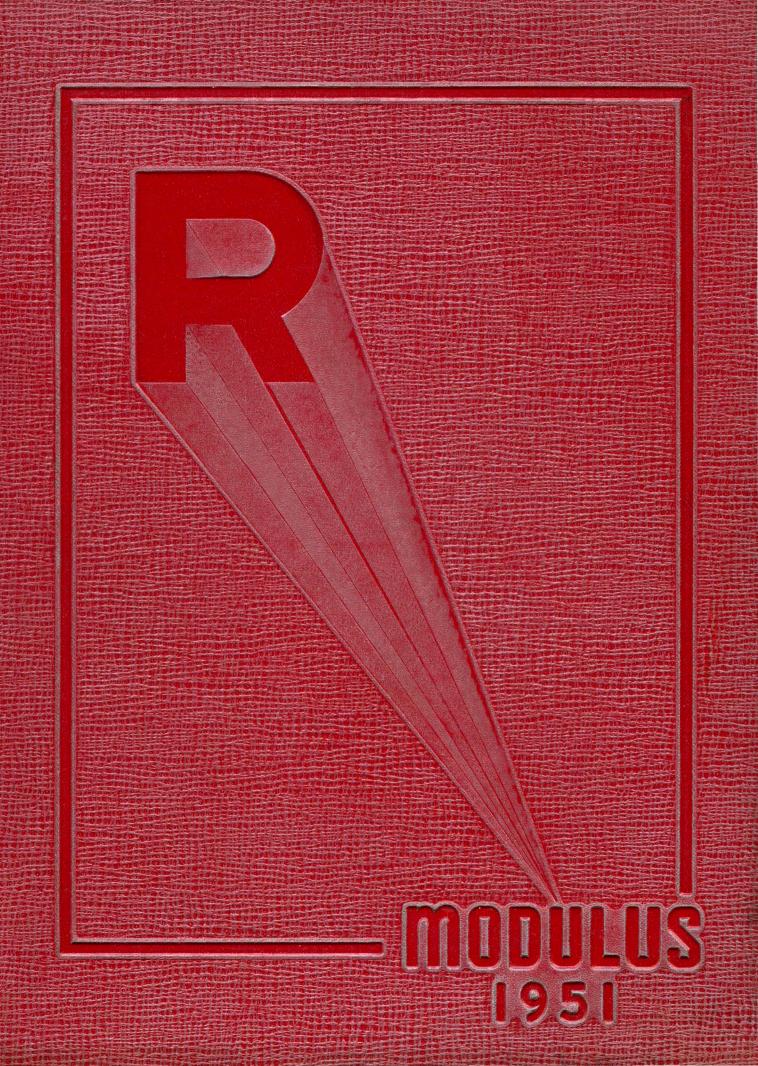
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MODULUS

the

ANNUAL STUDENT PUBLICATION

of

ROSE POLYTECHNIC INSTITUTE

Terre Haute, Indiana

Editor	WILLIAM G. RINKER
Associate Editor	JAMES R. MYERS
Business Manager	WILLIAM J. KESTERMEIER
Faculty Advisor	



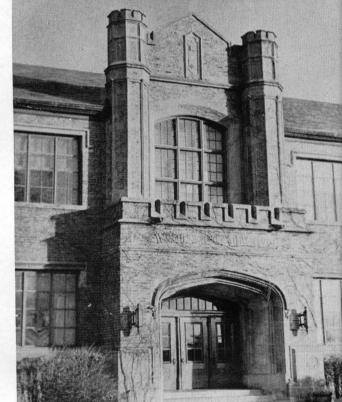
ROSE



DEDICATED TO THE MEMORY AND HONOR OF THE ROSE MEN WHO SERVED IN THE ARMED FORCES OF WORLD WARS I AND II

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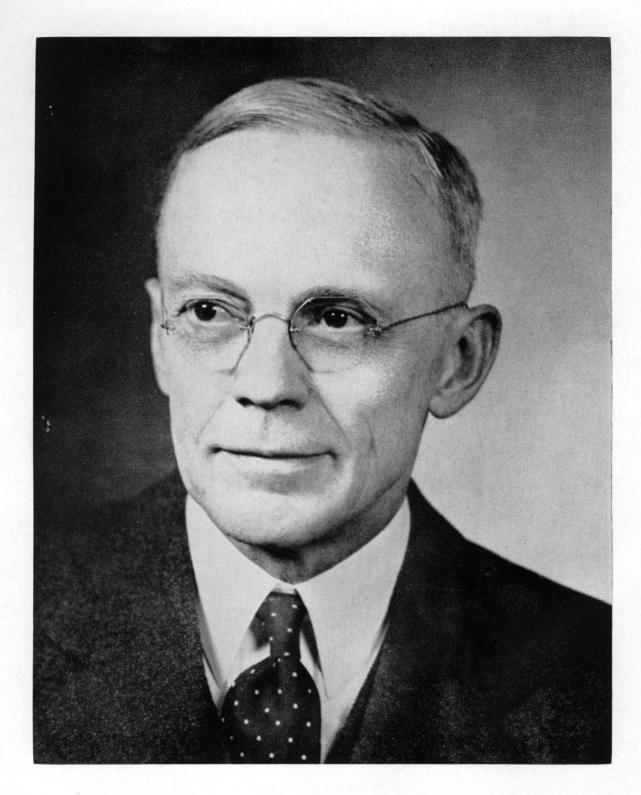
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CARL WISCHMEYER Vice-President Of Rose Polytechnic Institute

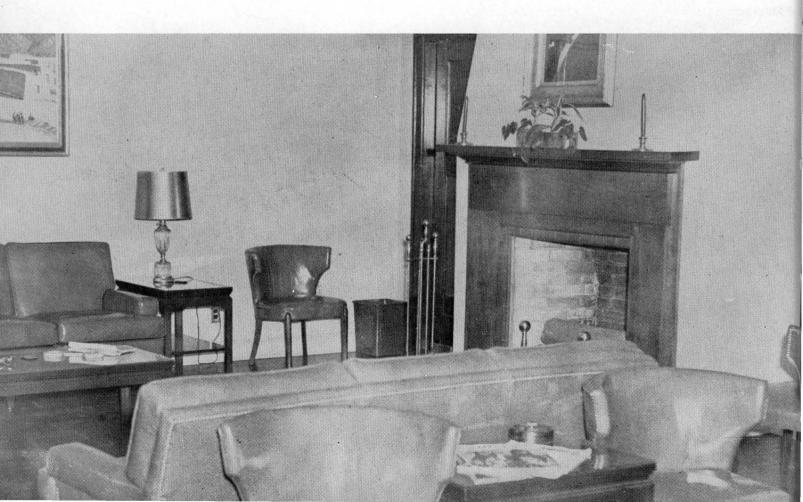
DEDICATION

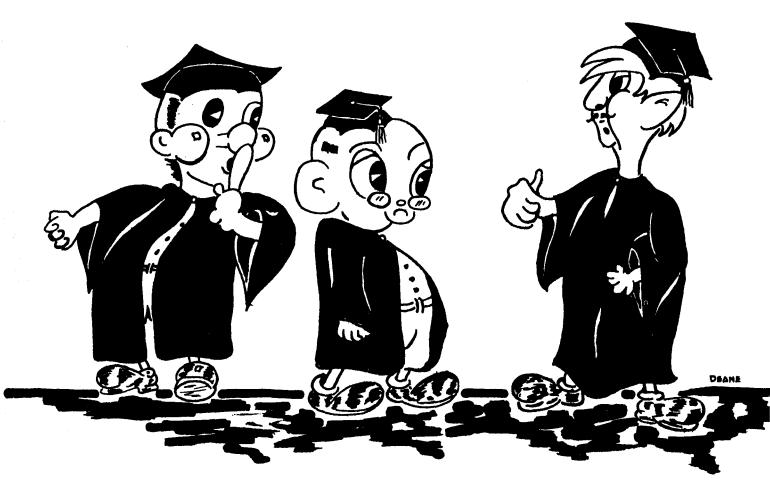
To professor Carl Wischmeyer; a Rose graduate of the class of 1906, Head of the department of Mechanical Engineering since 1926, and Vice-President of the Institute since 1936, we gratefully dedicate this 1951 Modulus.

During his forty three years of service we as students have warmly esteemed him as a friend and an inspiring teacher who gave generously and untiringly of his energies for the welfare of all Rose students.



Faculty Lounge





· FACULTY · AND · ADMINISTRATION ·



DR. FORD L. WILKINSON, JR.

PRESIDENT'S MESSAGE

To the Class of 1951:

Rose men over the world welcome you to the ranks of loyal alumni. We and they are proud of the records you have made and of the promise these records give for future success in your profession, in business and in public service.

There has probably been no period in the history of Rose when the need for the services of well educated engineers has been as great as it is today. We are entering on a long period of time during which the demand for good engineers will far exceed the supply. The demands for your services are so great that it would seem that your responsibilities in the task of building for a strong America and of contributing to the maintenance of a high standard of living are greater than those facing any graduating class that has preceded yours.

We of the faculty are confident of your abilities in meeting the technical responsibilities that will be yours. Our concern is only with your appreciation of the contributions you may make in combating the forces that would tear down those freedoms of the individual that have made the American way of life the envy of the world. More and more will the responsibilities of engineers and scientists be concerned with those factors that influence these freedoms. They transcend those of a purely technical nature.

May you recognize this early in your professional career and bring your well trained minds to focus on these problems.

God speed you all.

Very sincerely yours, F. L. WILKINSON, JR. President







CARL WISCHMEYER

Vice-President and Joseph Collett Professor of Mechanical Engineering; B.S., 1906, Rose Polytechnic Institute; M.S., 1910, Rose Polytechnic Institute; M.E., 1920, Rose Polytechnic Institute.

American Society of Mechanical Engineers; American Society for Engineering Education; American Association of University Professors; Indiana Engineering Council; Indiana Academy of Science; Tau Beta Pi; Alpha Tau Omega.

CLARENCE C. KNIPMEYER

Professor of Electrical Engineering; B.S., 1907, University of Michigan.

American Institute of Electrical Engineers; American Society for Engineering Education; Engineers' Council for Professional Development; Regional Chairman of Committee on Engineering Schools; American Association of University Professors; American Association for the Advancement of Science; Past President, National Council of State Board of Engineering Examiners; Chairman, Indiana State Board of Registration of Professional Engineers; Sigma Xi; Tau Beta Pi.

CLARENCE P. SOUSLEY

Professor of Mathematics; A.B., 1909, Kentucky Wesleyan College; M.A., 1909, Kentucky Wesleyan College; Ph.D., 1915, John Hopkins University.

Mathematical Association of America; American Association of University Professors; Indiana Academy of Science; Gamma Alpha.

BERTON A. HOWLETT

Professor of Physics; B.S., 1913, Valparaiso University; A.B., 1914, Valparaiso University; M.S., 1917, University of Chicago; Ph.D., 1924, Indiana University.

American Physical Society; American Association of University Professors; American Association for the Advancement of Science; American Optical Society; American Association of Physics Teachers; Indiana Academy of Science; Sigma Xi; Phi Beta Kappa.

FACULTY

ORION L. STOCK

Professor of Drawing and Descriptive Geometry; B.S., 1908, Rose Polytechnic Institute; B.S., in Architecture, 1912, Rose Polytechnic Institute; M.S., 1914, Rose Polytechnic Institute.

American Association of University Professors; American Society for Engineering Education; Tau Beta Pi; Lambda Chi Alpha.

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Professor of Chemistry; A.B., Acadia University; Sc.B., 1906, Acadia University; M.A., 1907, Harvard University; Ph.D., 1917, University of Chicago.

American Institute of Chemical Engineers; American Chemical Society; Society of Chemical Industry; Fellow, American Association for the Advancement of Science; American Society for Engineering Education; American Association of University Professors; Sigma Xi.

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Professor of Civil Engineering; B.S., 1920, University of Maine; M.S., 1926, University of Illinois.

American Society of Civil Engineers; American Society for Engineering Education; American Institute of Aeronautical Engineers; American Society of Metals; American Association of University Professors; American Society for Testing Materials; American Society for Experimental Stress Analysis; Tau Beta Pi.

ROLAND E. HUTCHINS

Professor of Sanitary Engineering; Sc.B., in C.E., 1910, Brown University.

American Society of Civil Engineers; American Association of University Professors; American Society for Engineering Education; Phi Gamma Delta; Sigma Xi; Tau Beta Pi.







FACULTY =





HOWARD F. BROOK

Professor of Military Science and Tactics; B.S. in Civil Engineering, 1933, University of Tennessee.

Society of American Military Engineers; Lieutenant Colonel, Corps of Engineers, United States Army.

JOHN L. BLOXSOME

Professor of English and History; A.B., 1927, DePauw University, M.A., 1935, University of Chicago.

Member, American Association of University Professors; American Society for Engineering Education; College English Association; Indiana College English Association; Mid-West College English Association; Indiana Teachers of Speech; Delta Upsilon.

PHILIP C. BROWN

Director of Athletics; A.B., 1923, Butler University; Phi Delta Theta.

CHARLES E. KIRCHER, JR.

Professor of Chemical Engineering; B.S., 1931, California Institute of Technology; M.S., 1933, California Institute of Technology; Ph.D., 1940, Iowa State College.

American Institute of Chemical Engineers; American Society for Engineering Education; American Association for the Advancement of Science; American Association of University Professors; Sigma Xi; Tau Beta Pi; Phi Lambda Upsilon; Pi Kappa Delta; Lambda Chi Alpha.

HERMAN A. MOENCH

Associate Professor of Electrical Engineering; B.S., 1929, Rose Polytechnic Institute; M.S.E., 1935, University of Michigan.

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THEODORE P. PALMER

Associate Professor of Mathematics; A.B., 1928, Amherst College; M.A., 1931, Harvard University.

Member, American Mathematical Society; Mathematical Association of America; Association for Symbolic Logic; American Association of University Professors; American Association for the Advancement of Science; American Geographical Society of New York; American Society for Engineering Education; American Historical Association; Theta Delta Chi; Captain, Military Intelligence Corps Reserve.

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Associate Professor of Chemistry; B.S., 1933, University of Wisconsin; Ph.D., 1938, New York University.

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F. LEROY BROWN

Assistant Professor of English; A.B., 1899, Williams College; M.A., 1901, Harvard University; B.D., 1904, Union Theological Seminary.

American Association of University Professors; Phi Beta Kappa; Phi Gamma Delta.





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IRVIN P. HOOPER

Assistant Professor of Mechanical Engineering; B.S., 1938, Tufts; M.S., 1949, University Vermont.

American Association of University Professors; American Society for Engineering Education; Alpha Tau Omega; Major, U.S. Marine Corps Reserve.

C. LEROY MASON

Assistant Professor of Physics; Ph.B., 1925, University of Wisconsin; M.A., 1926, University of Wisconsin.

Member, American Physical Society; American Association of Physics Teachers; American Association of University Professors; Indiana Academy of Science; Phi Beta Kappa.

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Blue Key; Phi Delta Kappa.

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Assistant Professor of Civil Engineering; A.B., 1935, Harvard College; M.S., 1939, Harvard Graduate School of Engineering.

Boston Society of Civil Engineers; American Association of University Professors; Harvard Engineering Society; Society for Experimental Stress Analysis.

WALTER S. KAGHAN

Assistant Professor of Chemical Engineering; B. Ch. E., 1940, College of the City of New York; M. Ch. E., 1948, New York University.

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ROBERT M. CARN

Assistant Professor of Military Science and Tactics; B.S. in Civil Engineering, 1931, Pennsylvania State College.

Member, National Education Association; Pennsylvania State Education Association; Chi Epsilon; Major, Corps of Engineers, United States Army.

GORDON K. HAIST

Assistant Professor of English; A.B., 1932, North Central College; M.A., 1935, Northwestern University.

Member, Society for General Semantics; Institute of General Semantics; American Association of University Professors; Sigma Tau Delta; Indiana College English Association; Mid-West College English Association.

PAUL B. HEADDY

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Assistant Professor of Drawing and Descriptive Geometry; B.S., 1935, University of Illinois.

Member, American Association of University Professors; American Society for Engineering Education.

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Member, American Institute of Electrical Engineers; Armed Forces Communications Association; Indiana Engineering Council; Tau Beta Pi; Captain, USAR Signal Corps.

JOHN T. NEWLIN

Instructor in Civil Engineering; B.S., 1943, Rose Polytechnic Institute; M.S., 1950, State University of Iowa.

Member, American Society of Civil Engineers, Tau Beta Pi; Blue Key; Alpha Tau Omega; Lieutenant, Engineer Corps Reserve; American Society for Engineering Education; Sigma Xi.

THOMAS A. DUWELIUS

Instructor in Civil Engineering; B.S., 1943, Rose Polytechnic Institute. Member, American Institute of Civil Engineers; Tau Beta Pi; Alpha Tau Omega.

WILLIAM J. HOLLIS

Instructor in Civil Engineering; B.C.E., 1947, University of Louisville.

Member, American Society of Civil Engineers; American Association of University Professors; Triangle Fraternity; American Society for Engineering Education.

JAMES M. RAMSAY

Instructor in Military Science and Tactics; Master Sergeant, U. S. Army.

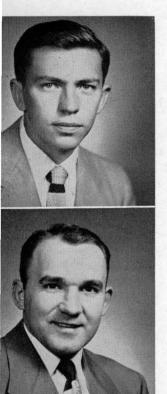


















ROBERT D. STRUM

Instructor in Electrical Engineering; B.S., 1947, Rose Polytechnic Institute.

Member, American Institute of Electrical Engineers.

CARL KROMP

Instructor in Shop Practice; B.S., 1949, Michigan State College.

American Society of Mechanical Engineers; American Welding Society; American Society of Metals; Alpha Tau Omega.

WALTER H. BERNTSEN

Instructor in Electrical Engineering; B.S., 1949, University of Iowa.

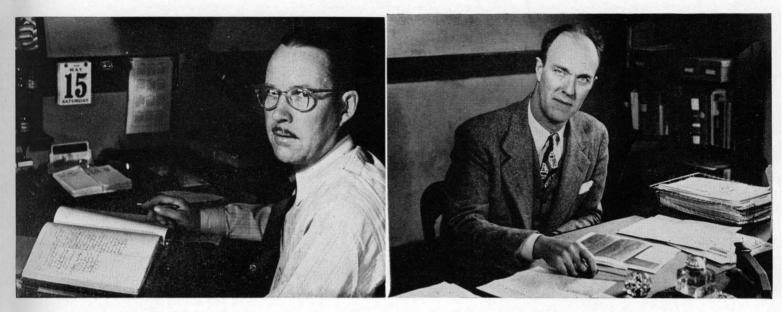
Member, American Institute of Electrical Engineers; Institute of Radio Engineers; Alpha Tau Omega; Tau Beta Pi; Eta Kappa Nu.

ALFRED R. SCHMIDT

Instructor in Mathematics; B.S., 1949, Rose Polytechnic Institute. Member, American Society of Mechanical Engineers; Tau Beta Pi; Tau Nu Tau; Lambda Chi Alpha; Captain, Indiana National Guard.

LEONARD F. ROBERTS Instructor in Military Science and Tactics. Master Sergeant, U.S. Army.

ADMINISTRATION



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J. G. LEE, Registrar



NOBLE C. BLAIR, JR., Admissions Counsellor and Field Representative



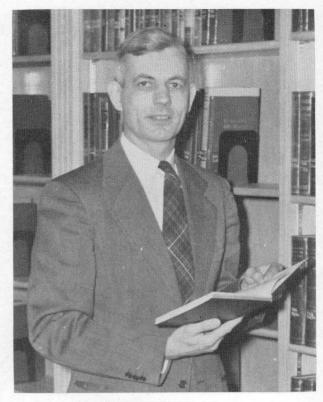


MARGARET J. KOENIG, Ass't. Registrar

ADMINISTRATION



JOAN S. YEAGER, Veterans Affairs



CARSON W. BENNETT, Librarian



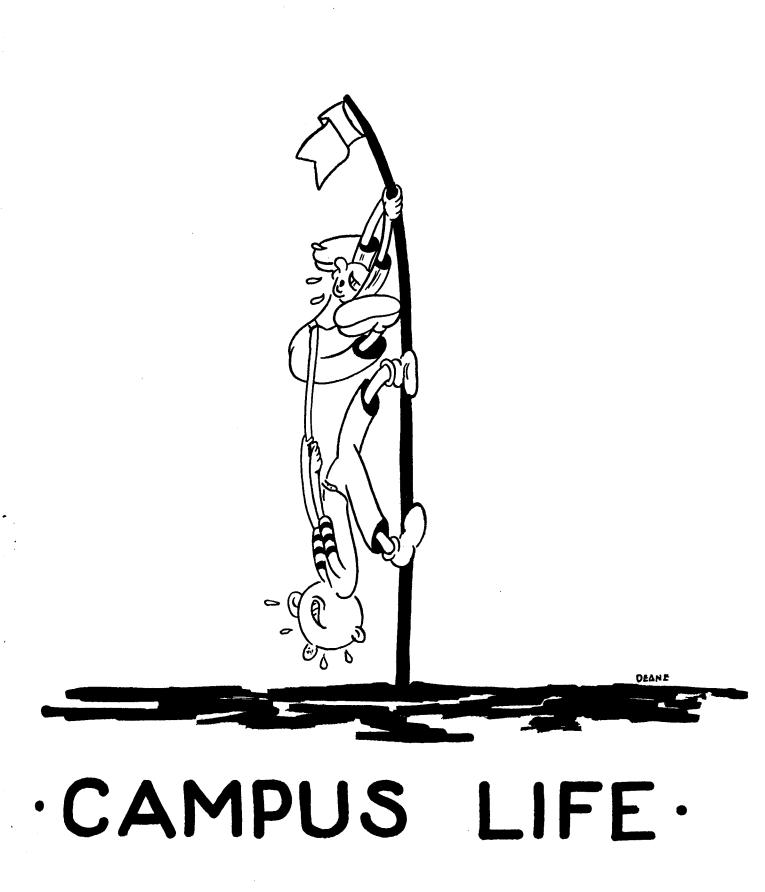
MRS. BEVINGTON, Ass't. Librarian

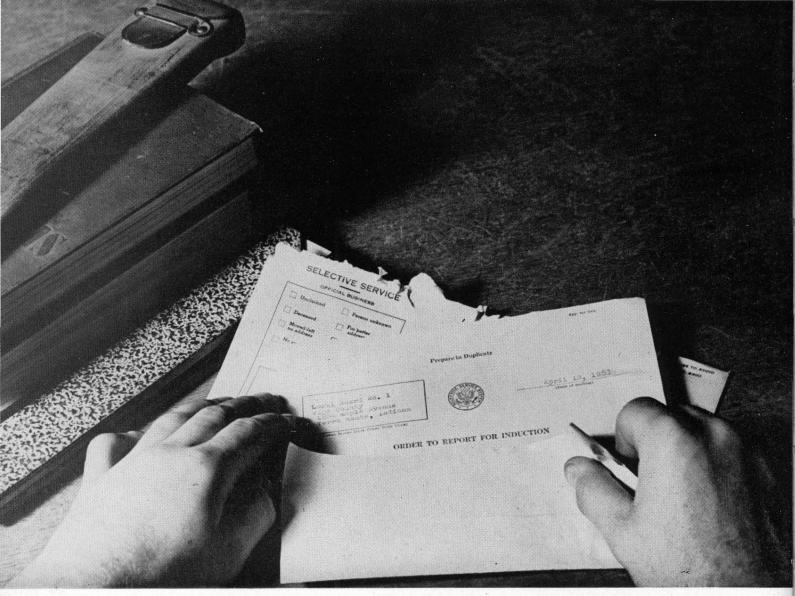


MARGARET M. LEUSING, Registrar's Office



BARBARA PITTENGER, Registrar's Office

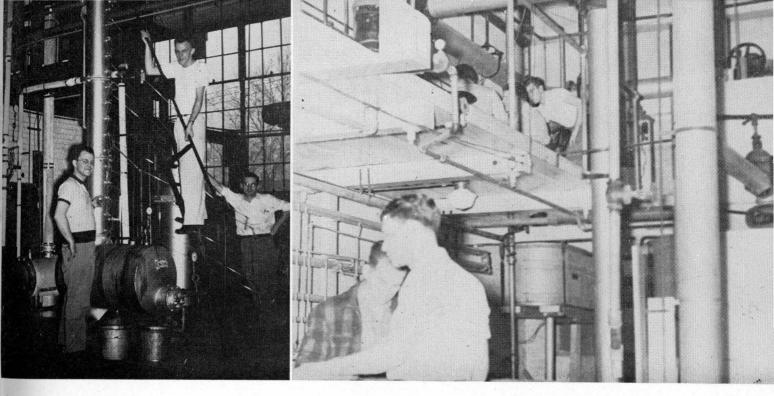




"Greetings"

Working Overtime





Senior's Lab

Xmas At The Dorm



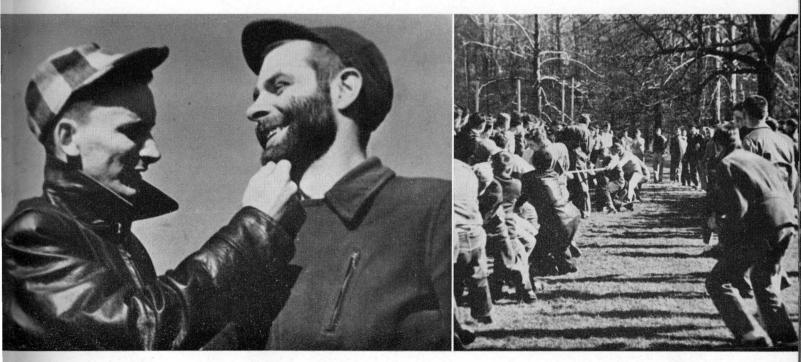


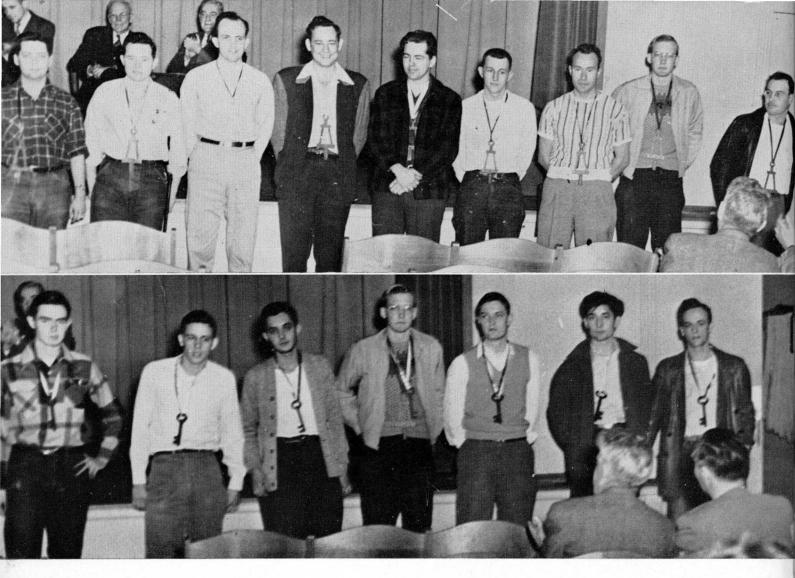
St. Pat's Day Celebration





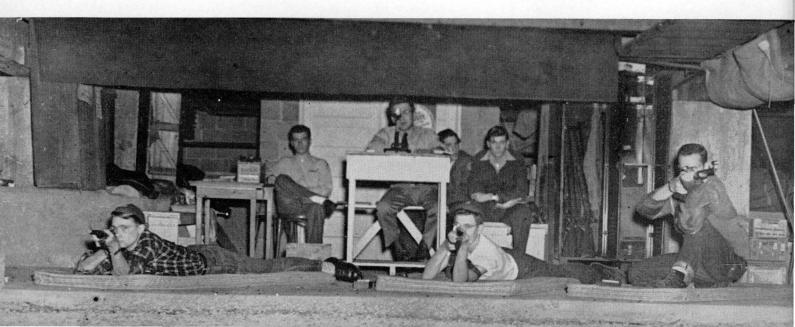
Freshman vs. Sophomores





Conclusion Of Tapping Ceremony

Rifle Range











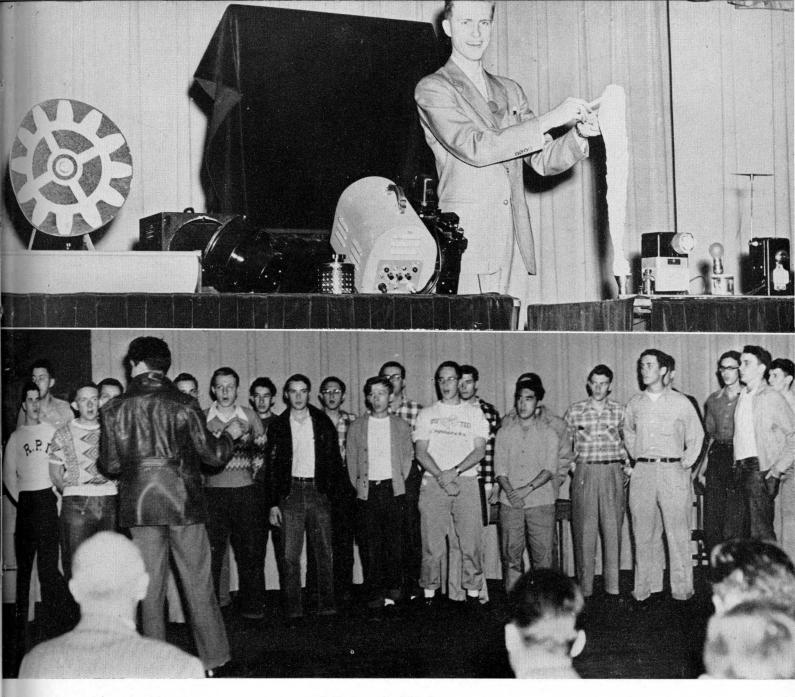




Dejection

Upson's Philosophy





G-Enius At Work

More Assemblies

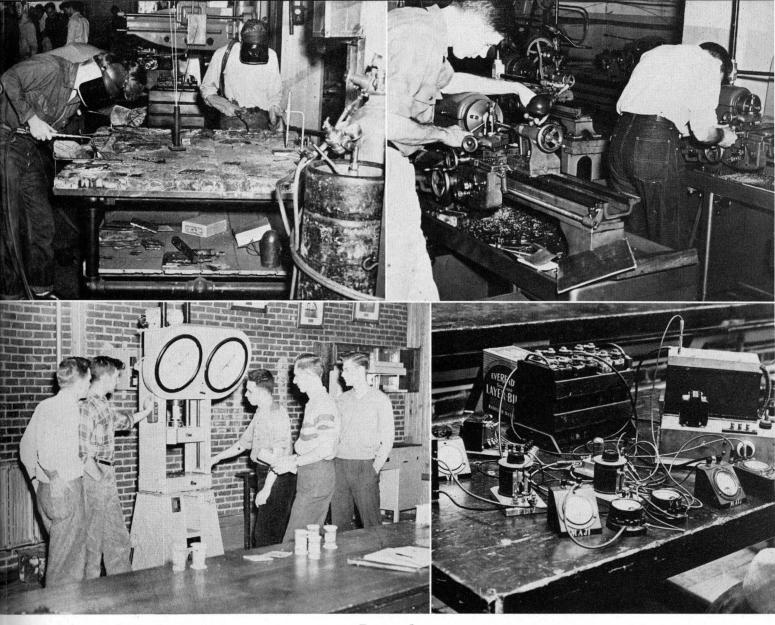




Campus Life At Rose Rink's Passionate Moments



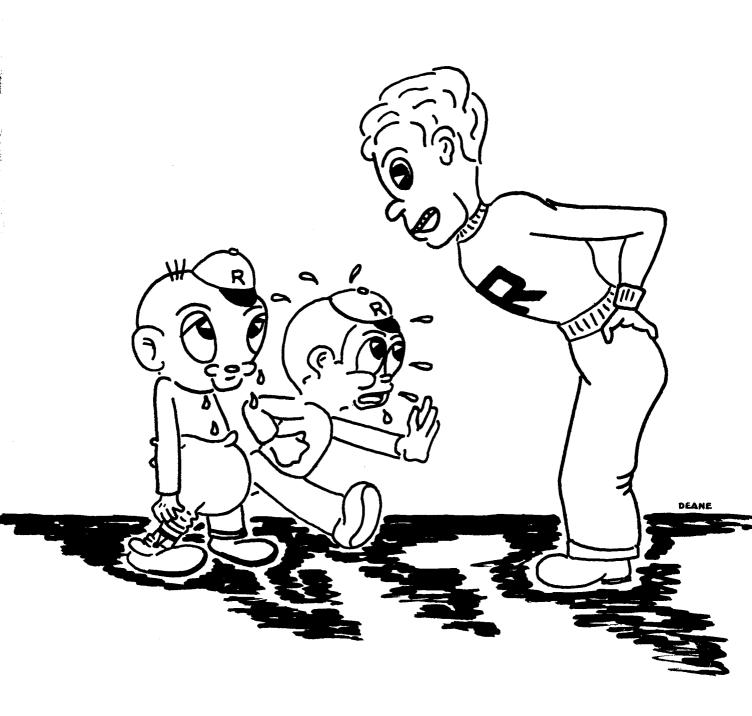




Research







·CLASSES·

GRADUATE STUDENTS

- McGLONE, C. GENE, Terre Haute, Indiana, B.S. in Chemical Engineering; Theta Xi; A.I.Ch.E.
- MILLER, ROBERT L., Wabash, Indiana, B.S. in Chemical Eingineering, Purdue University; Tau Beta Pi; Phi Lambda Upsilon; Omega Chi Epsilon; Camera Club; A.I.Ch.E.

SENIORS

- ALLEN, WARREN L., Terre Haute, Indiana, Mechanical Engineering;
 Alpha Tau Omega; Tau Nu Tau, Vice President; Technic Contributing Editor, 3; Technic Sports Writer, 1; Basketball Letter, 2, 4, Captain 2; Track Letter, 1; "R" Men's Association, 1, 2, 3, 4; Honor Man, 1; A. S. M. E.; S. A. M. E.
- ARCHER, CHARLES E., Terre Haute, Indiana, *Civil Engineering*; Alpha Tau Omega; Football, 1; Glee Club, 1, 2; A. S. C. E.
- BAKER, RAYMOND, JR., Terre Haute, Indiana, Mechanical Engineering;
 Alpha Tau Omega; Blue Key, Vice President; Handbook Business Manager,
 3; Technic Advertising Staff, 1, Advertising Manager, 2, Business Manager,
 3; Student Council President, 4; President, 4; A. S. M. E., Treasurer.
- BALU, ALEX M., Terre Haute, Indiana, Civil Engineering; A. S. C. E.
- BOHRMAN, ROBERT A., Indianapolis, Indiana, Chemical Engineering; Sigma Nu; Track, 2, 3, 4, Letter, 3, 4, Co-captain, 4; Intramural Sports, 1, 2, 3, 4; Class Honors, 1; McGregor Scholarship, 1, 4; A. I. Ch. E., Vice President.
- BURRIS, H. EUGENE, Indianapolis, Indiana, *Civil Engineering*; Secretary-Treasurer, 1; Rea Scholarship, 1; A. S. C. E.
- BUTEL, FLOYD C., JR., Topeka, Kansas, *Civil Engineering*; Sigma Nu; Tau Nu Tau; Interfraternity Council, 4; A. S. C. E.; S. A. M. E.
- CAREY, DALE G., Terre Haute, Indiana; Mechanical Engineering.
- COLEMAN, KERMIT, Terre Haute, Indiana; Mechanical Engineering.
- CREWS, CHARLES L., Joplin, Missouri, Civil Engineering; A. S. C. E.
- CUMMINGS, WILLIAM G., Louisville, Kentucky, *Civil Engineering*; Baseball, 1, 2, 3, 4, Letter, 2, 3, 4, Captain, 3; Intramural Sports, 1, 2, 3, 4; A. S. C. E.
- EBELING, ARTHUR W., Thiensville, Wisconsin, Mechanical Engineering; A. S. M. E.



SENIORS

- FORD, PAUL D., Flat Rock, Illinois, *Electrical Engineering*; Sigma Nu; Technic Contributing Staff, 3; Radio Club, 1, 2, 3, 4, Vice President, 3; Debate Club President, 3; Camera Club, 2, 3, 4.
- FOWLER, GORDON C., Highland Park, Illinois, *Mechanical Engineering*; Lambda Chi Alpha; Tau Nu Tau; Camera Club, 1, 2, 3, 4; Dormitory Association, 1, 2, 3, 4; A. S. M. E.
- GARRY, FREDERICK W., Guilford, Connecticut, Mechanical Engineering; Lambda Chi Alpha; Blue Key, Secretary-Treasurer; Tau Beta Pi, President; Technic Editorial Staff, 1, 2, 3, 4; Camera Club, 1; Interfraternity Council, 3, 4; Honor Man, 4; Class Honors, 1, 2, 3, 4; Student Member Convocation Committee; A. S. M. E.
- GILMOUR, PHILIP J., Linton, Indiana, Civil Engineering; Sigma Nu; A. S. C. E.
- GODWIN, PAUL M., Terre Haute, Indiana, Mechanical Engineering; Alpha Tau Omega; Vice President, 2; Rea Scholarship, 1; A. S. M. E., Vice President.
- GREMINGER, ROBERT G., Trenton, New Jersey, Mechanical Engineering; Sigma Nu; Dormitory Association, 1, 2, 3; Interfraternity Council, 4; A. S. M. E.
- HAWK, MYRON D., Bloomington, Illinois, *Civil Engineering*; Theta Xi; Tau Nu Tau; Football, 1, 2, 4, Letter, 2, 4; Intramural Sports, 1, 2, 3, 4; Glee Club, 1, 2, 3, 4; "R" Men's Association, 2, 3, 4; Dormitory Association, 1; Honor Man, 4; A. S. C. E.; S. A. M. E.
- HENNIG, CLIFFORD E., Chicago, Illinois, Mechanical Engineering; Blue Key; Tau Beta Pi; Tau Nu Tau, Secretary-Treasurer; Football Letter, 1, 3, 4; Glee Club, 1, 2; Camera Club, 1, 2, 3, 4; "R" Men's Association, 1, 2, 3, 4, President, 4; Dormitory Association, 1; Student Council, 3; President, 3; A. S. M. E.
- HEROD, WILLIAM E., Terre Haute, Indiana, *Electrical Engineering*; Alpha Tau Omega; Technic Circulation Staff; A. I. E. E.
- HOLMES, JOHN E., West Orange, New Jersey, *Electrical Engineering*; Alpha Tau Omega; Technic Editorial Staff, 1, 2, 3, Head, 3; A. I. E. E.
- JAMES, DONALD R., Clinton, Indiana; Mechanical Engineer.
- JOHNSON, DUKE S., Farmersburg, Indiana, Mechanical Engineering; Alpha Tau Omega; Technic Circulation Staff, 3, 4; Cheer Leader, 1, 2, Letter, 2; Intramural Sports, 3; Athletic Association, 1, 2, 3, 4; "R" Men's Association, 2, 3, 4; A. S. M. E.
- KALLANSRUDE, WILLIAM J., Olney, Illinois, *Electrical Engineering*; Sigma Nu; Tau Beta Pi; Intramural Sports, 1, 2, 3, 4; James McGregor Scholarship; A. I. E. E.
- KEAL, ALAN L., Louisville, Kentucky; Civil Engineer.
- KEITH, E. LEE, Paris, Illinois, Civil Engineering; A. S. C. E.
- KELLAR, FREDERICK W., Delaware, Ohio, Mechanical Engineering; Dormitory Association, 3, 4; Pi Mu Epsilon; A. S. M. E.



SENIORS

KESTERMEIER, WILLIAM J., Terre Haute, Indiana, Mechanical Engineering; Alpha Tau Omega; Blue Key 3, 4, Corresponding Secretary 4; Tau Nu Tau 3, 4; Modulus Advertising Manager 3; Modulus Business Manager 4; Technic Staff Writer 3, 4; Intramural Sports 1, 2, 3, 4; Rifle Club 3, 4; Vice President 4; Camera Club 4; Class Treasury 2; Who's Who in American Colleges and Universities 4; S. A. M. E. 3, 4; A. S. M. E. 2, 3, 4.

KRIZ, ROBERT F., Berwyn, Illinois, Chemical Engineering; Sigma Nu; A. I. Ch. E.

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- McKEEN, WILLIAM RILEY, Terre Haute, Indiana, Mechanical Engineering; Alpha Tau Omega; Tau Nu Tau; Football, 1, 2, 4, Letterman, 1, 2, 4, Captain, 4; Rifle Team 1; Athletic Association, 3, 4, Representative to Student Council, 3, 4; "R" Men's Association, 1, 2, 3, 4; Honor Man 4; Chairman, Junior Prom; Chairman, Intrafraternity Dance; S. A. M. E.

MARDIS, MAURICE A., Bridgeport, Illinois; Mechanical Engineer.

- MASTROBATTISTA, ALEX, North Plainfield, New Jersey, Mechanical Engineering; Alpha Tau Omega; A. S. M. E.
- MILLER, ROBERT H., River Grove, Illinois, *Electrical Engineering*; Radio Club, 1, 2, 3, 4, Board Member 3, President 4; Dormitory Association, 1, 2, 3, 4; Class Honors, 3, 4.
- MILLIKEN, ROBERT HAROLD, Muncie, Indiana; *Electrical Engineer*; A. I. E. E.
- MOREHEAD, BRUCE H., Noblesville, Indiana, *Electrical Engineering*; Radio Club, 3, 4, Vice President 4; A. I. E. E., Secretary-Treasurer, 4.
- PFERRER, DANIEL L., Louisville, Kentucky, Civil Engineering; Pi Kappa Alpha; Camera Club 4; A. S. C. E., Secretary, 2.
- PHILLIPS, JAMES W., Terre Haute, Indiana, Mechanical Engineering; Alpha Tau Omega; Tau Nu Tau; Football, 1, 2, 4, Letter, 1, 2, 4; Baseball, 1, 2, 3, Letter, 2; Rifle Team, 1; Intramural Sports, 1, 2, 3, 4; Rifle Club, 1; "R" Men's Association, 1, 2, 3, 4; Honor Man, 4; A. S. M. E.; S. A. M. E.

POWELL, ROBERT L., Palestine, Illinois, *Electrical Engineering*; Football, 1, 2, 4, Letter 2, 4; "R" Men's Association, 3, 4; Dormitory Association, 1, 2, 3, 4, President, 4; A. I. E. E.

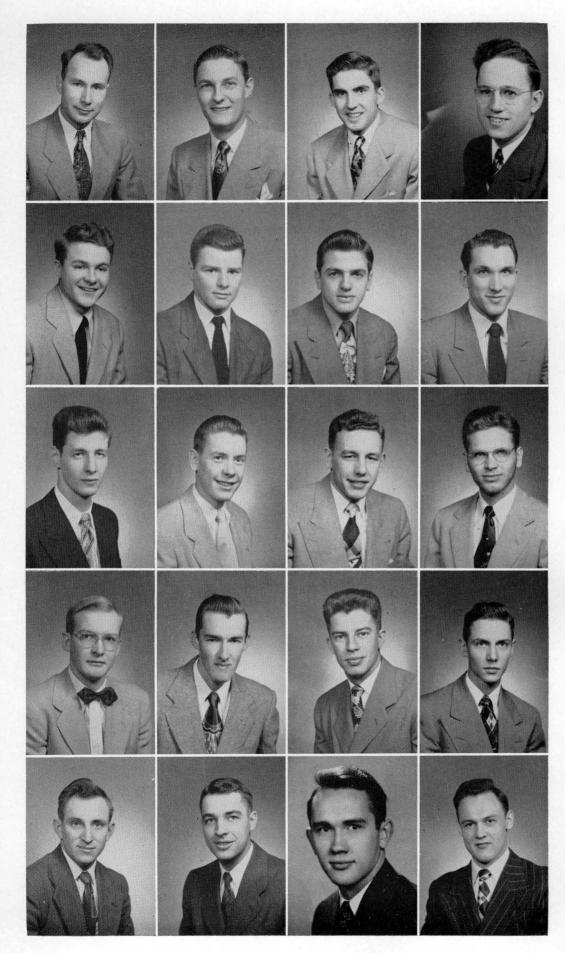
REMBISH, BRUNO A., Passaic, New Jersey, *Electrical Engineering*; Radio Club, 4; Camera Club, 1, 2, 3, 4; Dormitory Association, 1, 2, 3, 4; A. I. E. E.
REVESZ, GUY H., Chicago, Illinois, *Civil Engineer*.



SENIORS

- REYNOLDS, FREDRIC A., Terre Haute, Indiana, Mechanical Engineering;
 Alpha Tau Omega; Tau Beta Pi; Tau Nu Tau, President, 4; Technic Contributing Staff, 2, 3, 4; Football, 4; Intramural Sports, 3, 4; Honor Man, 4; Rea Scholarship, 1, 2, 3, 4; A. S. M. E., 3, 4, Chairman, 4; Junior Prom, 3; Military Ball, 4; S. A. M. E., 3, 4; Secretary-Treasurer, 3.
- RINKER, WILLIAM G., Terre Haute, Indiana, Electrical Engineering; Alpha Tau Omega; Blue Key, Recording Secretary and Treasurer; Modulus, Assistant Layout Editor, 2, Layout Editor, 3, Editor-in-Chief, 4; Technic Contributing Staff, 2, 3, 4; Basketball, 2; Track, 3; Rifle Team, 2, 3, 4; Intramural Sports, 2, 3; Rifle Club, 2, 3, 4, Vice President, 4; Radio Club, 3, 4, Secretary-Treasurer, 4; "R" Men's Association, 4; Student Council, 4, Vice President, 4; Class Officer, Vice President, 2; Honor Man, 3, 4; Class Honors, 1; Rea Scholarship, 1, 2, 3, 4; A. I. E. E.; S. A. M. E.; Advanced R. O. T. C.; Who's Who Among Students In American Universities and Colleges.
- SCHROEDER, EUGENE N., Sullivan, Indiana, *Electrical Engineering*; Tau Beta Pi; Rifle Club, 2; Radio Club, 1, 2, 3, 4; Camera Club, 3, 4; Dormitory Association, 1; A. I. E. E.
- SCOTT, DALE H., Indianapolis, Indiana, Chemical Engineering; Theta Xi; Basketball, 1; Football, 1; Intramural Sports, 2, 3; A. I. Ch. E.
- SCOTT, HOWARD L., Indianapolis, Indiana; Mechanical Engineering.
- SEEGERS, WAYNE R., Crown Point, Indiana, *Chemical Engineering*; Intramural Sports, 1, 2, 3; A. I. Ch. E., Treasurer, 3, President, 4.
- STATER, ROBERT, Connersville, Indiana, Chemical Engineering; Theta Xi;
 Tau Beta Pi; Basketball, 1; Intramural, 1, 2, 3, 4; Class Honors, 1;
 A. I. Ch. E.; Band, 1, 2.
- STEINSBERGER, JACK C., Glenview, Illinois, *Civil Engineering*; Tau Beta Pi; Class Honors, 1, 2, 3; A. S. C. E., Treasurer, 3.
- SWARTZ, DANIEL A., Brazil, Indiana, Civil Engineering; Theta Xi; Tau Beta Pi, Corresponding Secretary; Class Treasurer, 3; Class Honors, 1; A. S. C. E., President, 4.
- THOMAS, SEIBERT D., Brazil, Indiana, Mechanical Engineering; Modulus Circulation Staff, 1; Technic Circulation Staff, 1; A. S. M. E.
- VAUGHN, CARL R. JR., Indianapolis, Indiana, *Civil Engineering*; Theta Xi; Basketball Manager, 1; Intramural Sports, 4; A. S. C. E.
- WEST, DONALD E., Rices Landing, Pennsylvania, Civil Engineering; A. S. C. E.
- WOKASIEN, CARLYLE H., Buffalo, New York, *Electrical Engineering*; Lambda Chi Alpha; Modulus Advertising Staff, 4; Intramural Sports, 1, 2, 3, 4; Glee Club, 1, 2, 3; Radio Club, 3, 4; Dormitory Association, 1; A. I. E. E., President.
- WOEHRLE, RICHARD E., Charleston, West Virginia, Chemical Engineering; A. I. Ch. E.
- YOHE, CHARLES F., Terre Haute, Indiana, *Electrical Engineering*; Sigma Nu; Modulus Assistant Advertising Manager, 4; Football, 1, 2, 3, 4; Radio Club, 4; A. I. E. E.
- YOUNG, JAMES H., Indianapolis, Indiana; Mechanical Engineering; Tau Beta Pi, Treasurer; A. S. M. E.





JUNIORS

Albin, Earl W. M.E. New Middleton, Ind. Bals, Carl H. Ch.E. Indianapolis, Ind. Bannister, John A. Ch.E. Terre Haute, Ind. Barker, Wayne M. M.E. Centerville, Ind. Bennett, Ralph K. E.E.

Cincinnati, Ohio Brunner, Ronald L. Ch.E. Terre Haute, Ind. Danner, Milton P. E.E. Chicago, Ill. Delp, Robert E. E.E. Clinton, Ind.

Dunlop, James D. E.E. New Agusta, Ind. Englum, Richard L. M.E. Paris, III. Failing, Robert P. Jr., M.E. Oak Park, III. Fehsenfeld, Mac Ch.E. Indianapolis, Ind.

Forsaith, Ralph A. M.E. Cannelton, Ind. Goy, Bernard C. M.E. Terre Haute, Ind. Hailstone, Russell E. E.E. Belleville, Ill. Heckelsburg, Robert E. C.E. Terre Haute, Ind.

Howard, Velmar E. E.E. Veedersberg, Ind. Johnson, Harry H. E.E. Terre Haute, Ind. Johnson, Robert E. E.E. Shelbyville, Ind. Jones, Warren W. M.E. Indianapolis, Ind.

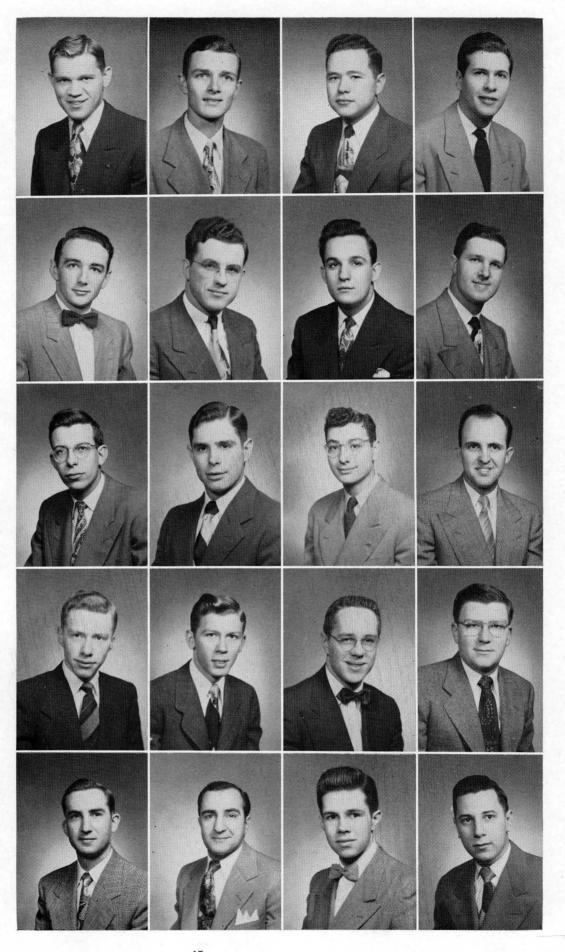
JUNIORS

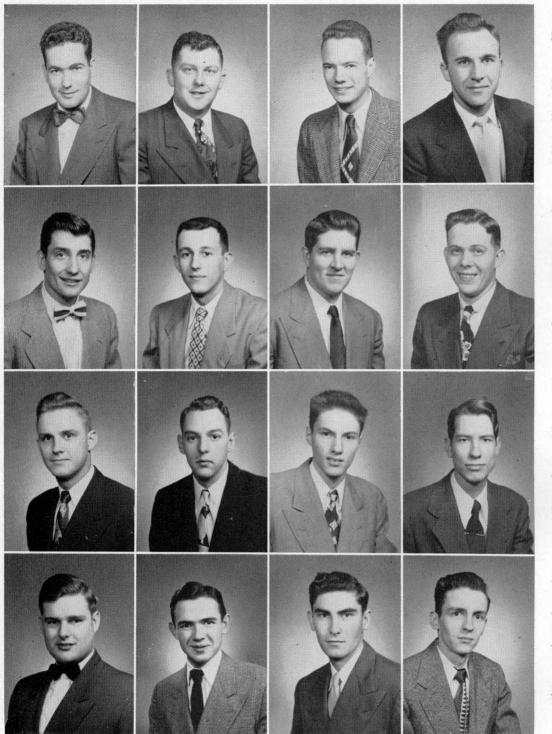
Little, Leo E. E.E. Indianapolis, Ind. McGrew, Lloyd A. C.E. Terre Haute, Ind. Metz, Robert L. E.E. Terre Haute, Ind. Myers, James R. E.E. Kokomo, Ind.

Miller, William L. C.E. Harrisburg, Ind. Moody, Roy A. M.E. Harvey, Ill. Mudron, Andrew P. E.E. Monessen, Pa. Naras, Raymond H. C.E. Chicago, Ill.

Norman, James T. Ch.E. Indianapolis, Ind. Nunley, John W. E.E. Terre Haute, Ind. Perona, Joseph J. Ch.E. Paris, Ill. Porter, Kenneth W. E.E. Mt. Carmel, Ill. Post, William C. M.E. Fort Custer, Mich. Pyle, Leonard D. C.E. Newman, Ill. Reifenberg, Thomas P. M.E. Mansfield, Ohio Robinson, Stephen B. Ch.E. Fort Wayne, Ind. Salzman, Vernon S.

Salzman, Vernon S. M.E. Closter, N. J. Samuels, Abraham M. M.E. Chicago, III. Schmidt, Ralph M. E.E. Chicago, III. Sherman, James H. M.E. New Castle, Ind.





JUNIORS

Skidmore, Robert J. E.E. Palestine, III. Spence, Harold F. E.E. Tonawanda, N.Y. Stiles, Allan W. C.E. Chicago, III. Stohler, Harold M. M.E. New Castle, Ind.

Thiel, Gunter L. M.E. Kokena, Ill. Thomas, Alvin B. Ch.E. Indianapolis, Ind. Thomas, Richard D. E.E. Terre Haute, Ind. Tuttle, George, Jr. E.E. Hutsonville, Ill.

Updike, Stanley H. M.E. Indianapolis, Ind. Waldbieser, Robert J. C.E. Terre Haute, Ind. Walls, Glenn R. E.E. Paris, III. Weaver, William E. M.E. Bloomington, Ind.

Webster, Glenn R. E.E. Brazil, Ind. Willian, Clyde F. Ch.E. Indianapolis, Ind. Withem, Richard C. C.E. Terre Haute, Ind. Young, John R. C.E. Chicago, Ill.

LIST OF SENIORS AND JUNIORS NOT PHOTOGRAPHED

SENIORS

Albright, Thomas W., Hamilton, Ohio; Civil Engineering Anderson, John E., Shelbyville, Indiana; Civil Engineering Herbst, Edward J., Sellersburg, Indiana; Mechanical Engineering

Jessup, Howard L., Anderson, Indiana; Electrical Engineering

Jones, Robert J., Terre Haute, Indiana; Chemical Engineering

Lewis, Richard L., Buffalo, N. Y.; Chemical Engineering Luce, William W., Dayton, Ohio; Electrical Engineering O'Brien, Tom E., Danville, Illinois; Civil Engineering Rinker, Robert G., Terre Haute, Indiana; Chemical En-

gineering Vail, Bernard D., Springfield, Ohio; Mechanical Engineering

Wyatt, Edward S., Brazil, Indiana; Chemical Engineering

JUNIORS

Bracht, Phillip E., Lewiston, Idaho; Civil Engineering Brannon, Drysdale F., Marion, Indiana; Civil Engineering Brown, James R., Franklin, Indiana; Mechanical Engineering

Campbell, William B., South Bend, Indiana; Mechanical Engineering

Davis, Robert L., Terre Haute, Indiana; Electrical Engineering

Elsey, William K., Lebanon, Indiana; Civil Engineering Gardner, Phillip C., Greenfield, Indiana; Civil Engineering Griffiths, Morris L., Washington, D. C.; Civil Engineering Grinslade, Thomas U., Indianapolis, Indiana; Civil Engineering

Harrison, Harry R., Terre Haute, Indiana; Electrical Engineering

Hawk, Gale, South Whitley, Indiana; Mechanical Engineering

Heath, Donald J., Gary, Indiana; Civil Engineering

Hessler, Norman F., Chicago, Illinois; Chemical Engineer-

Hicklin, Gene P., Terre Haute, Indiana; Electrical Engineering

Kuykendall, William H., Terre Haute, Indiana; Mechanical Engineering

Leeds, David B., Robinson, Illinois; Mechanical Engineering Leonard, Larry F., Terre Haute, Indiana; Chemical Engineering

Malone, Paul T., Indianapolis, Indiana; Mechanical Engineering

Miller, Robert C., Belleville, Michigan; Civil Engineering Moulton, James I., Neenah, Wisconsin; Civil Engineering Nash, William L., Sullivan, Indiana; Electrical Engineering Pirtle, John C., Sullivan, Indiana; Mechanical Engineering Reinking, Robert F., Winchester, Massachusetts; Mechanical Engineering

Rennels, John R., Charleston, Illinois; Electrical Engineering

Scharpenberg, Chris A., Bakersfield, California; Mechanical Engineering

Seneff, James O., Terre Haute, Indiana; Civil Engineering Shanks, Roger, Brazil, Indiana; Mechanical Engineering Soucie, John C., Indianapolis, Indiana; Electrical Engineering

Todd, Alfred D., Ladoga, Indiana; Electrical Engineering.

SOPHOMORES

First Row: Wheeler, Simpson, Flesor, Bosley, Mook, Stewart, Myhre, Harvey, York, Liggett, Schlarb. Second Row: Werking, Jones, Badger, Ingle, Harris, Moore, Voelker, Niemi, Latham, Grubaugh, Ray. Third Row: J. Rinker, Flock, Osborne, Wence, Pedigo, Woolley, Klaus, Davis, Dedert, Malone, Bischopink, Bosshardt.



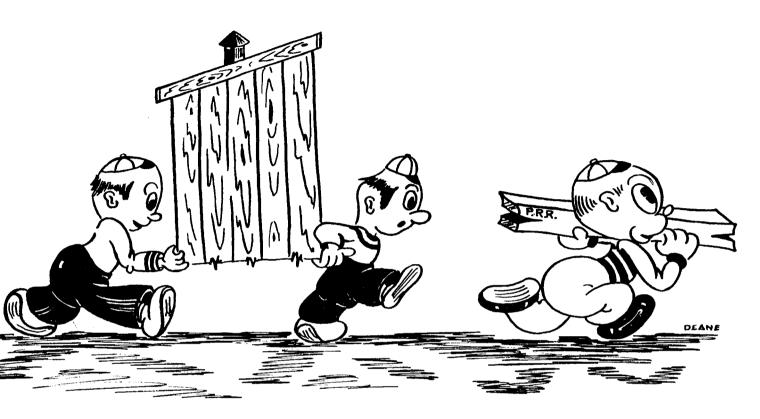


FRESHMAN

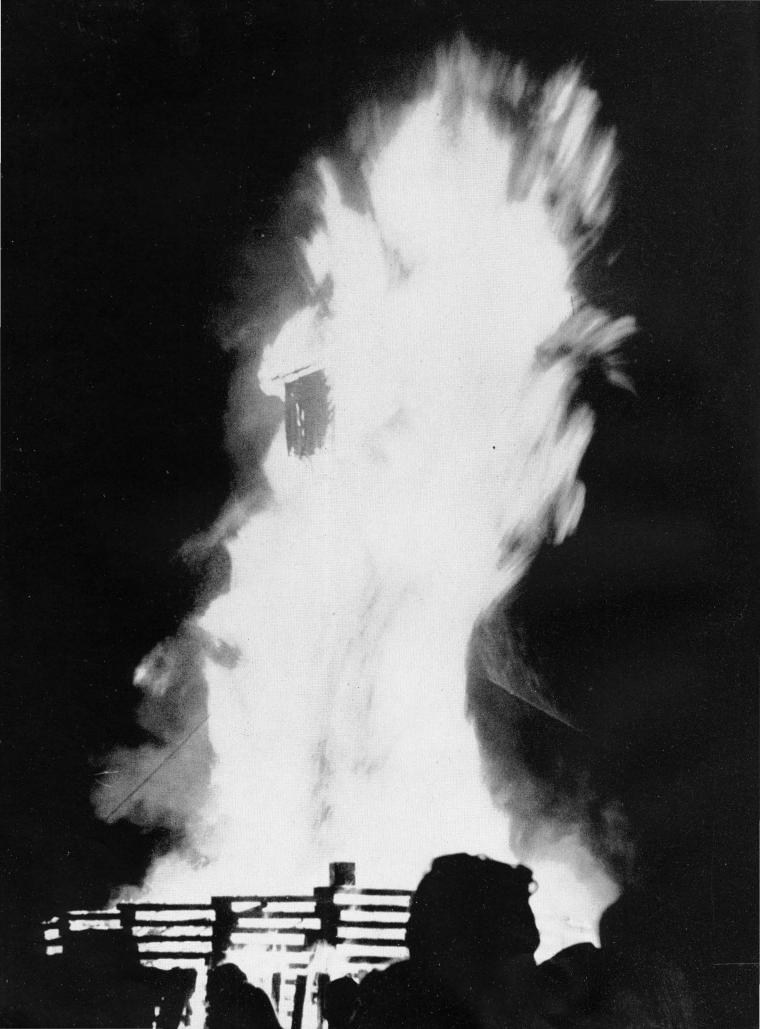
First Row: Runyan, LeForge, Leonard, Ballard, Rader, Lamb, Sovereign, North. Second Row: Cotton, McKee, McCune, Masley, England, Hosek, Whitson, Olson, Ross. Third Row: DeGroff, Turpen, Schwartz, Steinhauser, Wright, Berry, Ulbrich, Scott, Sawyers, Piper, Day.



First Row: Hillman, Farrell, Mizoguchi, Fyfe, Mikesell, Walker, Smith, Zoph, Webb, Moseman, Link, Kite, Long. Second Row: Orman, Hagen, Buscher, Reinbold, Bertram, Collins, Deane, Sutton, Rexrode, Rendaci, Paras, Tague. Third Row: Chism, Sparks, Miller, Purcell, Johnson, Utterback, Ogborne, Stoker, Clark, Dickerson, Hermeling, Sasso, Matteson, Foreman.



·HOMECOMING·

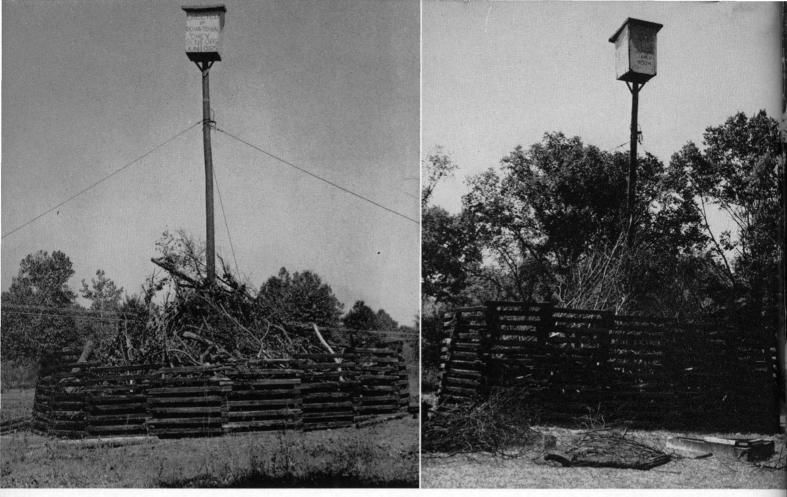




The Beginning

The End

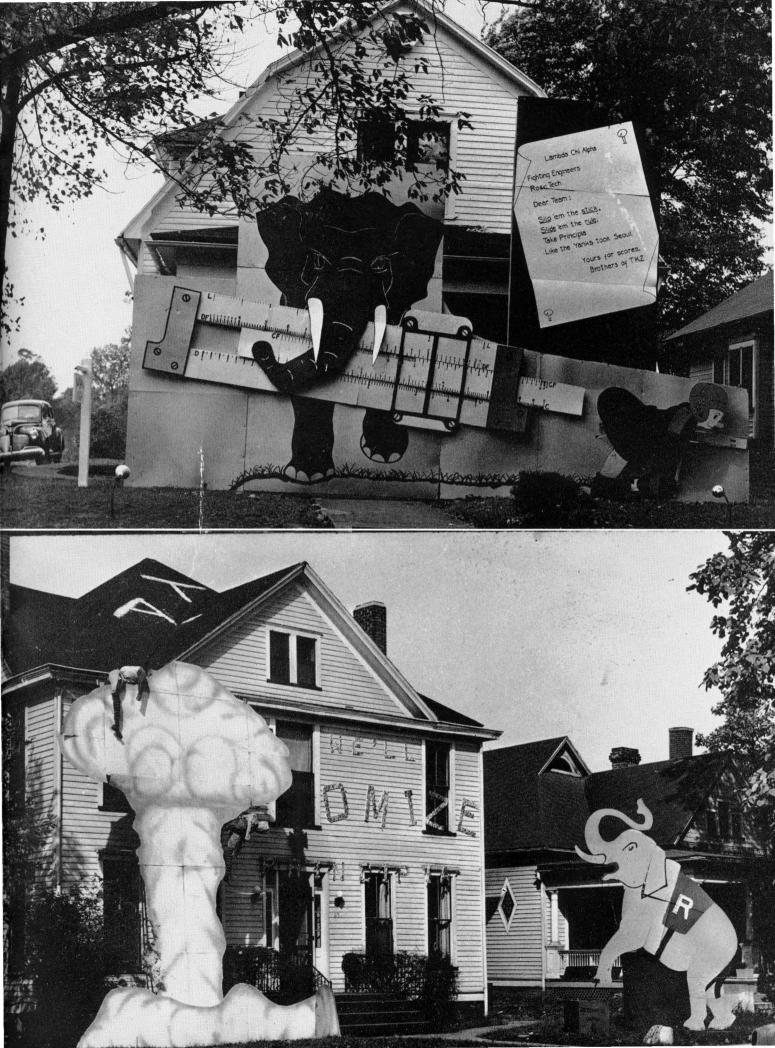




The Freshmen's Pride And Joy

Rosie's Big Night

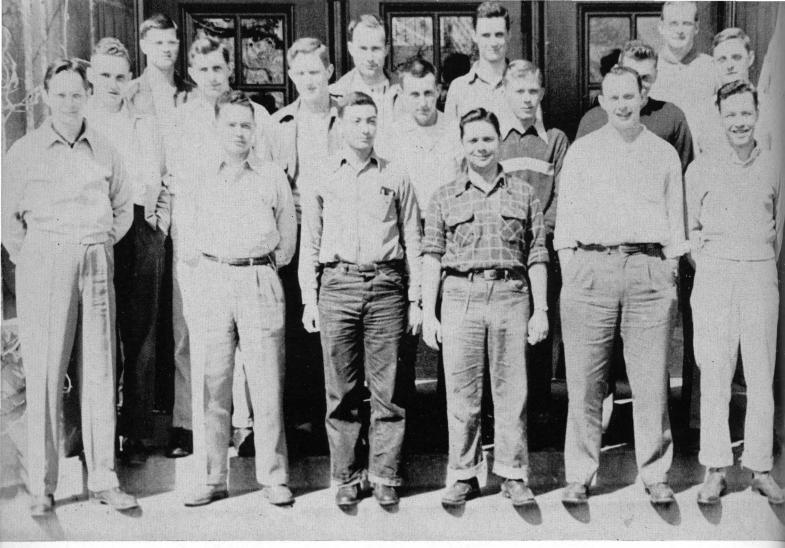








·HONORARIES ·



Front Row: Garry, Metz, Perona, Leonard, Reynolds, Vail. Second Row: Steinsberger, Swartz, O'Brien, A. Thomas, Pyle, Hennig, Bals. Third Row: Powell, Albin, W. Rinker, Forsaith.

TAU BETA PI

President	Fred Garry
Vice President	
Treasurer	James Young
Corresponding Secretary	Dan Swartz
Recording Secretary	Bernard Vail
Faculty Advisor	Edward E. Eckerman

"The Tau Beta Pi Association was founded at Lehigh University in 1885 by Edward Higginson Williams, Jr., to mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates in engineering, and to foster a spirit of liberal culture in the engineering colleges of America." Indiana Beta Chapter was established at Rose in 1928, superseding the local honorary fraternity. This transition was made largely through the efforts of the late Dr. Frank Casper Wagner, '16.

In order to be eligible for membership in Tau Beta Pi, a Student must be in the upper eighth of the junior class or in the upper fifth of the senior class. Election to membership is by a secret ballot among the undergraduate members of the Chapter.

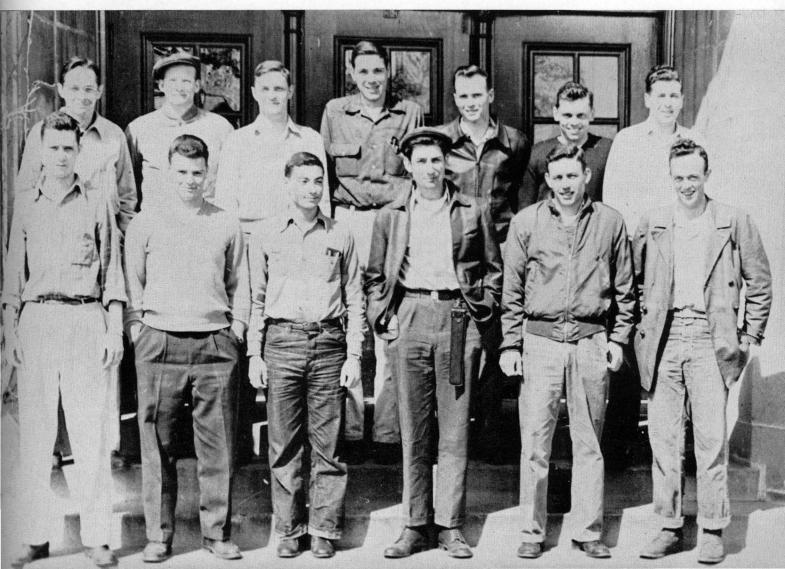
Although Tau Beta Pi is basically a scholastic honorary fraternity, it seeks to sponsor various activities on the campus. Thus the Indiana Beta Chapter conducts a slide rule course for Freshmen and supervises occasional faculty evaluation polls. Other activities, such as student-faculty debates, have been sponsored by Tau Beta Pi in the past.

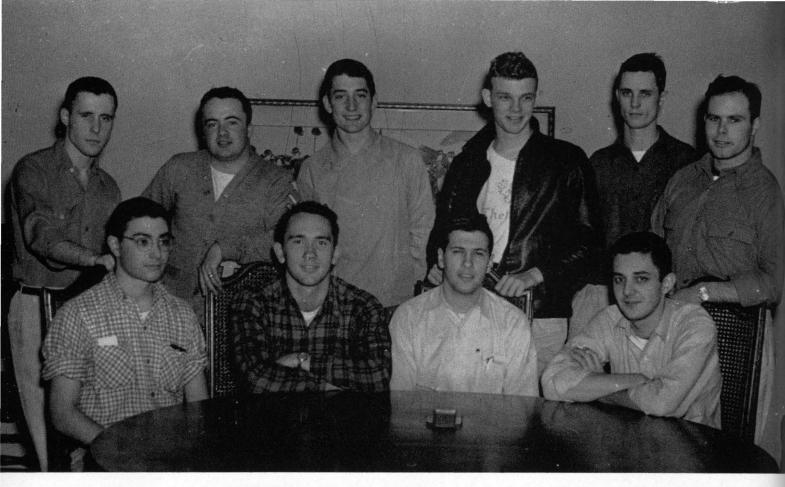
BLUE KEY

President			
Vice President	Ray Baker		
Secretary-Treasurer	Fred Garry		
Corresponding Secretary	William Kestermeier		
Alumni Secretary	Clifford Hennig		

Blue Key is a national honorary service fraternity founded for the purpose of organizing college students who take an active part in school affairs. Unlike other honorary fraternities, Blue Key looks for men who can associate with and work with other men having the same desire to improve campus conditions as they exist. Scholastic achievement, however, is not overlooked. A candidate must possess a scholastic average above that of the all-men's average before he is fully qualified for membership in Blue Key. Besides performing its usual services of supplying and maintaining the recreation room and ushering at convocations, Blue Key sponsored several major events. Among these were the home coming bonfire, pep session, and dance, the St. Patrick's Day celebration and dance, and the school propaganda program. In the making are plans for new projects that will result in benefit to the school. New ideas were incorporated in the chapter's program for 1951 by suggestions brought back by Bill Kestermeier from the 1950 National Conference of Blue Key National Honor Fraternity held in Houston, Texas.

Front Row: W. Rinker, Brunner, Perona, Thiel, Failing, Pirtle. Back Row: Garry, Forsaith, Bals, Kestermeier, Baker, Hennig, Myers.



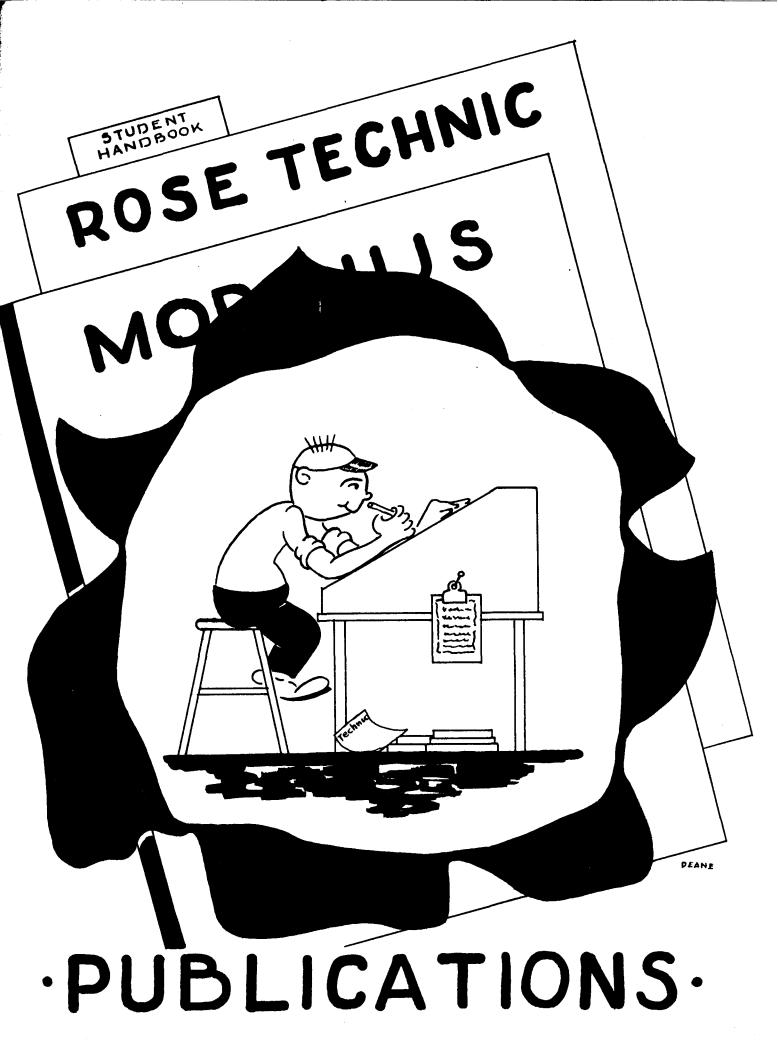


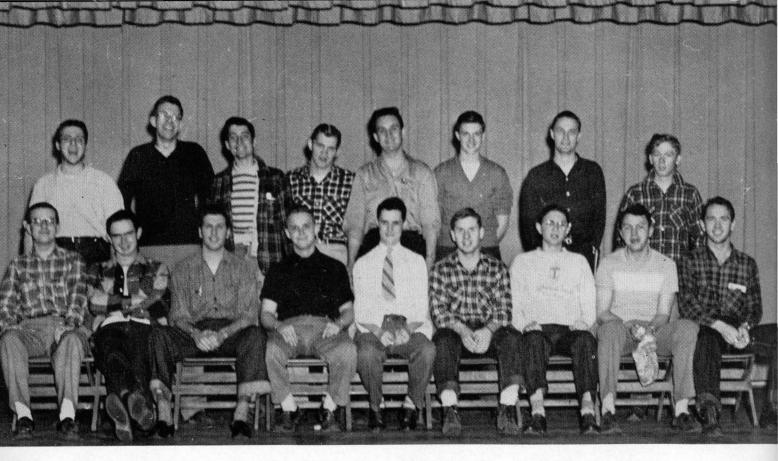
Front Row: Perona, Johnson, Myers, Miller. Back Row: R. Rinker, Phillips, Thiel, Hawk, W. Rinker, McKeen.

ROSE HONOR MEN

To reward those who take an active part in extra-curricular activities, Rose has adopted and maintained an honor point system. Honor points are awarded for participation in athletics, student publications, and student organizations and are given in numbers appropriate to the time and effort involved in each activity and office. To be awarded an Honor Key, a student must earn at least fifteen points a term for two consecutive terms, or he must earn at least fifty points with no time restrictions.

School spirit is maintained only by the active participation of its students. Thus, every Rose man should endeavor to gain the privilege of wearing the symbol of a Rose Honor Man.





Front Row: Klaus, Willian, Myers, Updike, W. Rinker, Harvey, Bosshardt, Ray, Johnson. Back Row: Hirschfield, Norman, Thiel, Little, Mudron, Stoker, Bals, Pyle.

MODULUS

The purpose of the Modulus is to record, as completely as possible, a year's life at Rose. It is hoped that it is not merely a rigid assembly of statistics, but that it reflects the spirit, mood, and general feeling of the student's struggles and accomplishments here. The Modulus is successful in so far as it factually does this. Adornment and glorification are neither attempted nor necessary.

Since the camera, like figures but unlike the written word, records no false impressions or misinterpretations, the records are mainly pictorial. The informal snapshots are the means of communicating the prevailing atmosphere about the campus. This year, a special effort has been made to place some picture of each student in the Modulus.

The first Modulus was printed in 1892. Since then it has appeared annually, each senior class undertaking to supervise its publication with members of all classes assisting. To the students who take part in preparing this publication, the Modulus becomes not only a lasting reminder of the "Good Old Days" but a source of rich experience in writing, photography, and make-up. The staff is bolstered by the able work of Professor G. K. Haist, the faculty advisor.

MODULUS STAFF

Editor	William G. Rinker
Associate Editor	James R. Myers
Business Manager	William J. Kestermeier
Faculty Advisor	Gordon K. Haist
Campus Editor Robert G. Rinker	Photo Editor Robert Johnson
Layout Editor Gunter Thiel	Art Editor Richard Deane
Sports Editor Allan Klaus	Advertising Manager Robert Ray
Circulation Staff Manager	Stan Updike

EDITORIAL STAFFS

Campus Staff Rex Hauser Don Latham Organization Secretaries Robert Barton

Layout Staff James Dunlop Andrew Mudron Leo Little

Sports Staff Bob Bosshardt

Art Staff Richard Deane

Photo Staff Bill Harvey Charles Hirschfield

BUSINESS STAFFS

Advertising Staff Asst. Charles F. Yohe Robert Metz Carl Wokasien

Circulation Staff James R. Myers William J. Kestermeier Richard Deane Stan Updike Robert Ray Allan Klaus Bob Bosshardt Rex Hauser Robert G. Rinker Don Latham Charles F. Yohe Carl Wokasien

Galley Slaves





Front Row: Willian, Samuels, Moore, J. Rinker, Bosshardt, Failing, Brunner. Second Row: Cross, Jones, Myers, Updike, Leeds, Harvey, Wheeler, Pyle, Vrydagh. Third Row: W. Rinker, Forsaith, Grubaugh, Werking, Ray Myhre, Klaus, Mudron, Norman, Bals.

THE ROSE TECHNIC

The Rose Technic was founded in 1891 and was admitted to the Student Council in 1899. The Technic has received numerous awards from the College Magazines Associated, with which it became affiliated in 1921, and is now recognized as one of the outstanding college magazines in the country.

The purpose of the Technic is to publish articles of current interest to the students. Each issue contains an article on research-and-development and features a report of technical interest written by students in language that can be understood. In addition to the technical information, news of the fraternities, the alumni, and campus activities plus the ever famous humor section is published in each issue.

The Technic is financed through the student fund, advertisements, and subscription fees paid by the alumnae.

Since the publication of the Technic is done entirely by students, many opportunities in writing, editing, advertising, and managing are available to those students interested. Staff members are awarded points which count toward an honor key and an award known as the Technic key.

TECHNIC STAFF

Editor	David Leeds
Assistant Editor	Fred Garry
Staff Consultant	Joseph Perona
Faculty Adviser	
Business Manager	Clyde Willian

Contributing Staff Larry Leonard **Robert Rinker** William Rinker Fred Reynolds **Robert Metz Robert Ray Alvin Thomas Richard Walls** Editorial Staff Alan Klaus **Robert Bosshardt** John Barco **Kenneth Cross** Advertising Staff Gene McDonald **Robert Failing Ronald Brunner**

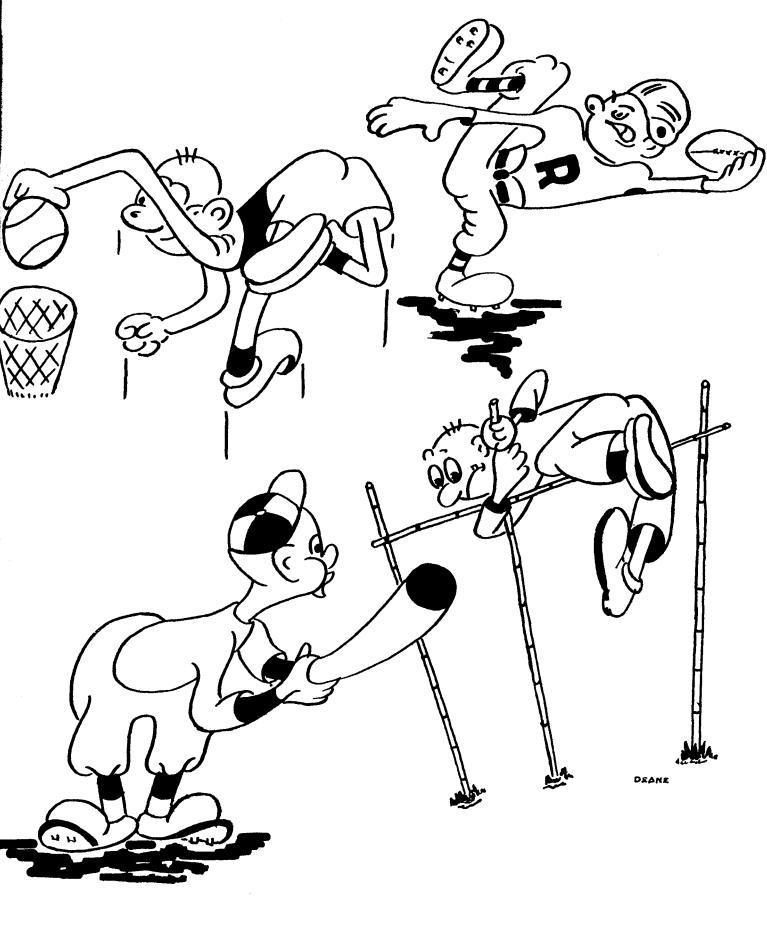
Robert Owens Richard Werking Chris Flesor Erwin Ulbrich James Norman **Richard Grubaugh** Louis Sasso Features Staff James Myers **Duane** Pyle **Chris Sharpenberg** Fritz Wheeler Allen Forsaith **Carl Bals Richard Myhre** Jack Myhre Jack Vrydagh John Rinker

Photography and Art Staff Warren Jones Alex Mastrobattista Andrew Mudron **Richard Deane** Abe Samuels John Pirtle **Circulation Staff Stanley Updike** Duke Johnson Harry Harris William Stewart John Harvey **Gerald Moore** Art Dickerson Howard Clark

Boy Journalists

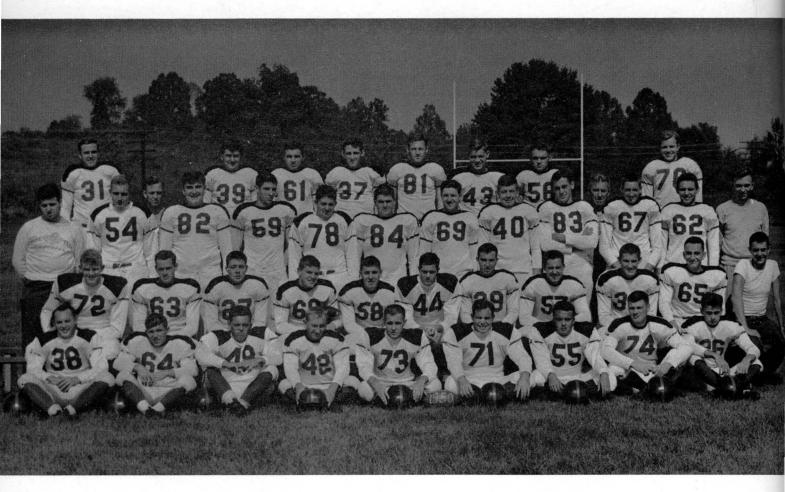






·ATHLETICS·

Football 1950

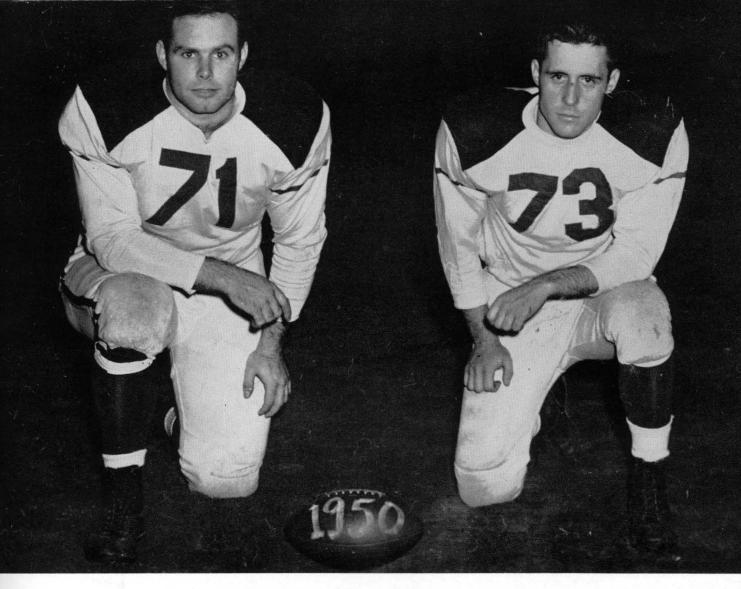


Front Row: Reynolds, Good, Hennig, D. Miller, R. Rinker, McKeen, Phillips, Powell, Griffiths.

Second Row: Hawk, Soames, Leonard, Verdeyen, Harvey, Owens, Mook, Grinslade, Elsey, Turpen, Mgr. R. Miller.

Third Row: Mgr. Hirschfield, Myhre, Ulbrich, Wright, R. Thomas, Wertz, Naras, Brannon, Rader, Coach Brown, Cummings, Cotton, Mgr. Osborne.

Back Row: Scharpenberg, Asst. Coach Carr, Jessick, Zorman, Green, Moulton, Little, Olson, Jones.

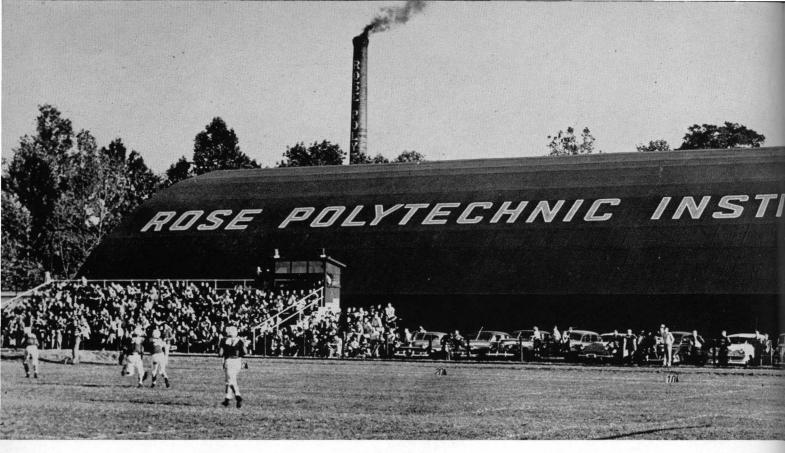


Co-Captains: McKeen, R. Rinker.

1950 RETURNING LETTERMEN

Line: Owens, McKeen, R. Rinker, Grinslade, R. Thomas, Phillips, D. Miller, Hawk, Powell. Backfield: Little, Hennig.





-tute

FOOTBALL

Traveling to Lebanon, Illinois, for the opening gridiron clash of the season, the Fighting Engineers led McKendree College for two quarters, only to be defeated in the final minutes of play. In the second stanza, Cliff Hennig tossed a 28-yard pass to Rader, who advanced the pigskin to the McKendree 20. Then Good broke through from the 10-yard line for a touchdown. Jim Mook converted. McKendree forged ahead with a touchdown in the third period, but the Engineers came right back with a bruising 83-yard march culminating with Hennig's assault through tackle from the 5 for a touchdown. Mook's second conversion was the final Rose score.

ROSE	0	7	0	7 - 14
McKendree	0	6	6	12 - 24

Rose alumni watched a fighting band of Engineers fail to overcome a first quarter touchdown scored by Principia College in the annual Homecoming fracas. The half-time festivitives were marked by the passing of Rosie II in a blaze of glory (assisted by a quantity of dynamite). After a moment of reverent silence, greencaps wheeled onto the field Rosie III, a project of the Class of '53.

ROSE	0	0	0	00
Principia	7	0	0	0—7

Franklin's Grizzlies ran wild on the gridiron as they rolled over the Engineers 40-0 in a Franklin Homecoming victory. The only serious Rose threat came in the third period when the ball was advanced to the Franklin 15-yard line.

ROSE	.0	0	0	0-0
Franklin	7	14	7	12-40

Wilmington College of Ohio displayed too much power in rolling up a 52-0 victory over an injury-ridden Rose squad. Halfbacks Cliff Hennig and Chet Good did most of the ball-carrying for the Engineers, who played without co-captain Bob Rinker and three other regulars from the line. Bob Owens did a masterful job at punting, his kicks averaging 50 yards. In the third stanza, Fred Reynolds took the Wilmington kickoff on his own 10 and returned it to the 27. Hennig and Bill Ennis made it a first down on the Rose 46, before Owens kicked to Wilmington's 30.

ROSE	0	0	0	0-0
Wilmington	3	13	20	6 - 52

Hennig Completes a Pass





Ready; One two, three - - - -

On a muddy field at Danville, Indiana, Canterbury showed too much strength for the Rose Eleven as the Fighting Engineers lost for the fifth time, 40-7. In the final quarter Rose recovered a Canterbury fumble at midfield and Halfback Good led the ground attack which advanced the ball to the 13. A pass from Hennig to Owens carried the required yardage to save the Engineers from being shut out with four minutes left in the game. Fullback Jim Moulton split the up-rights following the lone T.D.

ROSE	0	0	0	7-7
Canterbury		14	7	6-40

In the third home game of the season, the Engineers took a first period lead, but the Earlham Quakers rallied to finish strong, winning 26-8. With Chet Good leading the first quarter drive, the Rose ground attack produced consistent yardage on nearly every play. After Hennig hammered to the Quakers' 15 for a first down, Good reached the 12 on the next play, before the drive was slowed. Two running plays were stalled, but Griffith fired a pass to Owens in the end zone for a touchdown. Moulton's attempt to convert was wide. In the third period Hennig passed to Owens for a first down and combined with Griffith to spark a running drive that reached Earlham's 10 as the period ended. Harvey added four on a plunge and Hennig went to the one as the Quakers took over. Later, Rose gained two points on a safety.

ROSE		0	0	2- 8
Earlham	0	13	7	6-26

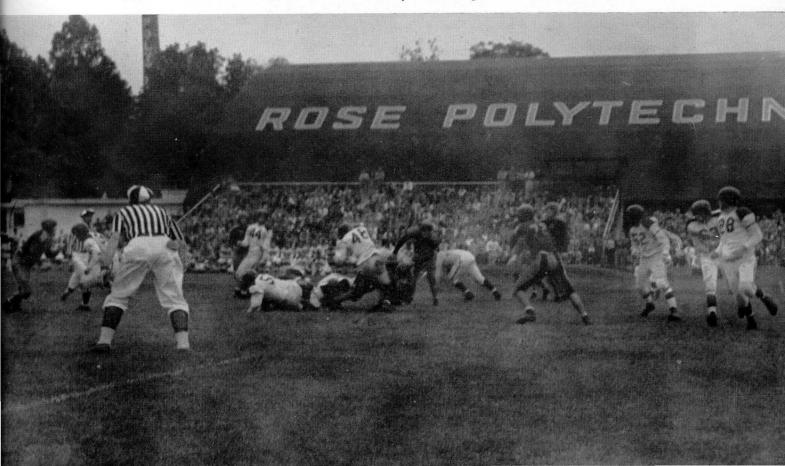
Cedarville scored all its points in the first half to win over a stubborn Rose Poly team 20-13 on the Ohio school's home field. A pass in the second quarter from Reynolds to Owens covered 30 yards for a touchdown. In the third stanza the Engineers blocked a Cedarville punt on the 29-yard line. On the third play Hennig went 15 yards for the final touchdown of the game. Moulton's kick was good.

ROSE0	6	7	0 - 13
Cedarville7	13	0	0 - 20

A heated struggle with Elmhurst College marked the Engineers' final encounter of the '50 season. "Brown's Boys" opened the game, scoring near the end of the initial stanza when Griffith heaved a 13-yard pass to Owens in the end zone. Mook's p. a. t. attempt was perfect. Owens brought the home crowd to its feet in the final quarter with an end-around romp to Elmhurst's 37, the play netting 28 yards. However, Hennig's fourth-down pass was incomplete. Later Hennig snared the ball on his 15 and, behind terrific blocking, scampered 85 yards down the middle for the longest touchdown run of the day. Once again Mook converted, and that was the finish of scoring. There were several individual stars in the contest. Definitely outstanding for Rose were Hennig, Griffith, Fred Reynolds and Chet Good, in the backfield; Riley McKeen, Owens, Tom Grinslade and Edwin Ulbrich, in the forward wall.

ROSE	7	0	0	14 - 21
Elmhurst	0	6	6	13 - 25

Smeared at the Line of Scrimmage





Front Row: Mgrs. Cross, Grubaugh. Second Row: Badger, Zorman, England, Brinson, Bertram, Ross. Back Row: Stohler, Allen, James, Bennett, Gardner, Coach Carr.

Basketball

In the opening game of the hardwood season, the Fighting Engineers massacred a scrappy band of Concordia (Fort Wayne) hoopsters 66-53. Forward Warren Allen was the game's outstanding point-maker, coming through with 26 tallies on a dozen fielders and two charity flips. Bob Delp, the leaping pivot, performed masterfully under both backboards, and finished with 10 points, the same number accounted for by Harry Badger, forward and longshot artist.

Rose lost the following three games to Canterbury (68-50), Huntington (82-78), and Earlham (63-59). A second-half rally in the Eureka game produced the second Rose victory, the final score being 54-41. Warren Allen contributed 22 points, ably assisted by Harry Badger and Leo Little with 10 points each.

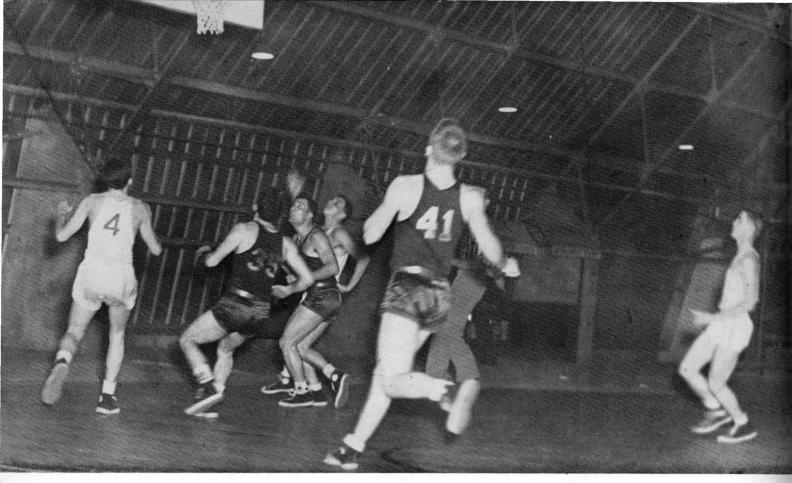
A mid-season slump accounted for six consecutive losses to Taylor (75-64), McKendree (73-57), two games to Harris Teachers College (57-53 and 45-43), Canterbury (80-55), and Principia (73-67). The Carrmen really turned on the heat to put the last five games of the season into the victory column. The first of the string came when Rose rambled to a 66-51 win over Blackburn College. It was a close tussle during the first half, with the Engineers holding a slender 29 to 27 margin at that juncture. Following the intermission, Rose rapidly built up a comfortable lead. Again it was the flashy Warren Allen who paced the scoring, burning the draperies for an impressive 27-point total. Don James followed Allen in the scoring column for the winners, picking up 12 points.

The Engineers garnered their fourth cage victory of the campaign when they conquered a visiting quintet from McKendree College, 78-57. After a slow opening, the Rosemen jumped to a 15-8 lead after six minutes, and at one time midway through the first period they were on the long end of a 25-16 count. Late in the second half, McKendree went ahead for the first time, 41-40, only to have Harry Badger and Ralph Bennett put on the steam and roll on to victory. Badger was high-point man, bagging 17 tallies, while Allen came through with 14.

Rose annexed its third straight court verdict as the Principia five fell in defeat by a 65-52 count. The Engineers led all the way, although midway in the final half they were hard pressed when Leo Little and Harry Zorman fouled out. Once again it was Warren Allen who led the scoring parade for the Engineers. Allen hit for 17 points; Harry Badger for 13 points.

Delp Up for the Tip





Was It In?

The Fighting Engineers trounced the scrappy Huntington Foresters, 71-63, for their fourth winner in a row. In avenging an early season loss at Huntington, the Engineers teamed up to pour in 27 field goals, 15 of them in a furiously paced first half, and 11 free throws. Rose took a slim 14-12 lead after about six minutes of play and maintained it throughout the game, the widest margin being 11 points early in the second half. The halftime score was 43 to 36. Warren Allen and Harry Badger shared the field goal honors at nine apiece, with Badger keeping the play moving in the first half and Allen connecting for six of his nine in the last stanza. Allen captured the total honors by dropping in seven free throws out of eight attempts.

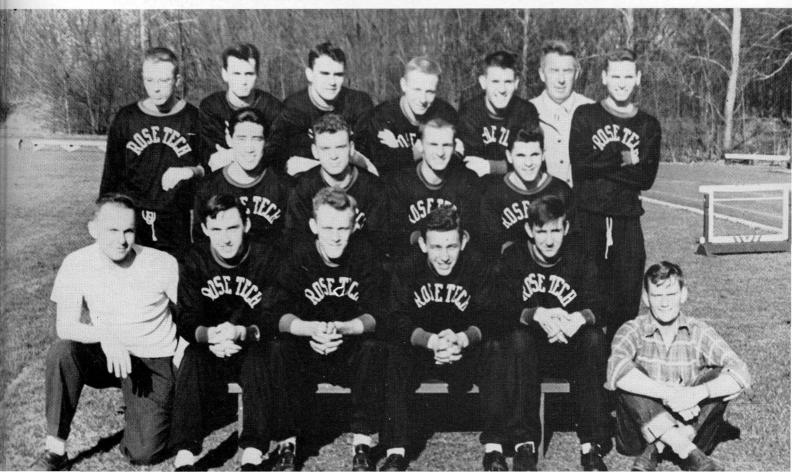
It was hats off to Coach Jim Carr and the Fighting Engineers when they whipped Earlham College of Richmond, 71-60, on the Rose floor to complete the best campaign in ages. Rose made the first two-pointer and was never headed, leading at intermission, 37-26. It was the final basket contest for Warren Allen, who ended the season as the fourth highest pointmaker in the league, and Don James; and they finished in a blaze of glory. Allen was the game's leading shooter with 22 tallies, while James concluded with six and did a bangup rebounding job. Underclassman Harry Zorman came through with 16 valuable points on seven baskets and two charity flips.

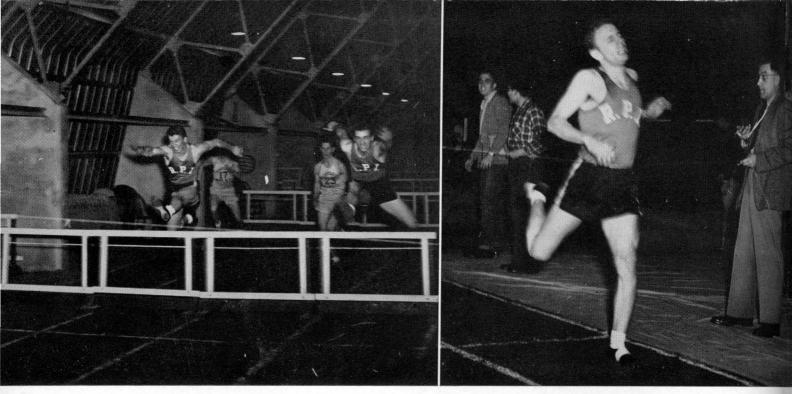
Track

Prospects for the track season were bright when five returning lettermen, seven upperclassmen, and about twenty greencaps reported for opening workouts. Coach Phil Brown's thinliclads fell in defeat, however, in the first meet when they lost to the Greyhounds of Indiana Central by a score of $72\frac{1}{2}$ to $40\frac{1}{2}$. Central started the meet by sweeping the mile for a clean nine points. Co-captain "Rapid Robert" Failing brought the Greyhound bandwagon to a grinding halt in the next event, the 440-yard dash, by outrunning Meyerrose in a fast 55.3. Harry Badger paced the Fighting Engineers with eleven points: five for an 11' 6" pole vault, five for a 6' 3" high jump, and one for a third in the broad jump. Gene Hailstone was the second high scorer for the Brownmen, picking up seven points in the high and low hurdles and the pole vault.

The Poly cinder-stompers won their first meet in over five years by tromping Taylor University 57¹/₂ to 46¹/₂. After Taylor had taken the first two events, Failing evened matters by winning the 440-yard dash in 56.1. He was followed over the finish line by "Skip" Zopf. The one-two combination of cocaptain "Bones" Bohrman and Gene Hailstone in the 60-yard high hurdles put Rose ahead for the first time. Badger then took the high jump at an even

Front Row: Mgr. Stewart, Burgett, Bohrman, Failing, Badger, Mgr. Harris. Second Row: Kawano, Clark, Bertram, Jones. Third Row: Fyfe, Griffiths, Zoph, Smith, Sparks, Coach Brown, Fehsenfeld.





The Timber-Hoppers

Failing Breaks the Tape

six feet for a quick five points. Vern Bertram and Hailstone finished one-two in the low hurdles and Badger and Hailstone took the pole vault to keep Rose ahead. The Engineers then iced the meet with a second and third in the broad jump, and the mile relay team of Kawano, Bohrman, Clark, and Failing ran away from the opposition in the final event.

The Fighting Engineers finished eight out of a field of eleven colleges entered in the Rose Relays, with a total of seventeen points. The Greyhounds of Indiana Central eased by Hanover in the last event to win the meet by one point with $62\frac{1}{2}$ points. Seven meet records were shattered during the day's festivities, among them Harry Badger's 6' 1" leap in the high jump. The Rose mile relay team of Bob Kawano, Jim Burgett, Bob Bohrman, and Bob Failing roared in second to edge Hanover out of first place in the meet.

The Polymen traveled to the Manchester campus to be handed their fifth defeat of the season by a score of 80 to 51. Badger hauled away a grand total of fifteen points, winning the broad jump, pole vault, and high jump. The mile relay team of Kawano, Burgett, Bohrman, and Failing tallied for another five points. Failing added 10 points to the total with victories in the 440- and 220-yard dashes. Jim Burgett lead the pack to the tape in the 880 for the last Rose first place of the meet.

The Rose cindermen finished the season with a tie score in a dual meet with Canterbury. Rose ran unopposed in the 440 and the mile relay, while Badger took his customary firsts in the pole vault and high jump. Bob Bohrman won the high hurdles, and Bob Failing, Howard Clark, and Bob Kawano tied in the 440. "Mac" Fehsenfeld took the mile run and tied with Sparks for the two-mile run. Jim Moulton placed second in the discus throw. The final score was 65 all.



Front Row: Matthews, Wence, Samuels, England, Leonard, Todd, Jones, Scott. Back Row: Mgr. Ulbrich, Grinslade, Long, Cummins, Coddington, Meharg, DeGroff, Griffiths, Coach Carr.

Baseball

Using as a nucleus for the 1951 diamond squad returning lettermen John Coddington, George Wence, Morris Griffiths, and "Abe" Samuels, coach Jim Carr molded a stubborn band of Fighting Engineers. Quite a number of promising freshmen bolstered the Poly nine.

Rose dropped the season's opener to Canterbury by a 7 to 3 margin. "Gaylord" Coddington led the Engineers by smashing a home run in addition to pitching most of the game. Errors proved too costly in the Carrmen's second start. Coddington started on the mound but was relieved by Griffiths, who finished the game. The final score was 12 to 3. Later in the season, the Engineers fought a close battle as Coddington went the entire route, with the Franklin Grizzlies coming out on the long end of a 9 to 8 margin. Jim Matthews and Danny Scott pounded out triples to lead the attack.



Seated: Mook, Wence, Owens, Aiken. Standing First Row: Zorman, Hennig, Harvey, Danner, Phillips, Osborne, Failing, Leonard, Hawk. Back Row: Grinslade, Myhre, Ennis, Gardner, R. Miller, Dunlop, Badger, Moulton, McKeen, Soames.

R-MEN'S ASSOCIATION

President	CLIFFORD HENNIG
Secretary-Treasurer	TOM GRINSLADE

The R-Man's Association was organized on March 19, 1938, under the direction of Coach Phil Brown. Membership is open to all students at Rose who earn a Varsity letter in football, baseball, basketball, track or the rifle team. The purpose of this organization is to foster a closer relationship between the students and sports.

Far from being a name only, the R-Men's Association is one of the most active and respected organizations on the campus. At all of the football or basketball games there is a stand where the R-Man's Association sells cokes, candy, and hot dogs. The profit from this enterprise is used in various ways to support the athletic activities. Last fall, the R-Man's Association purchased a twenty-two foot time clock and score board for the football games. Through the services of the R-Man's Association movies are taken of various fotball games. These movies are a decided advantage in the coaching and development of a better football team.

The R-Man's Association also has a number of social functions for its members. Early this fall, there was a hay ride and dance for the R-Men at the Western Rider's Club. Following football season, there was a party to welcome the new members. Every summer, at the termination of the current sport season, the R-Men break loose and spend a day picnicking at Shakamak State Park. Currently another R-Man's party is being planned for the near future.

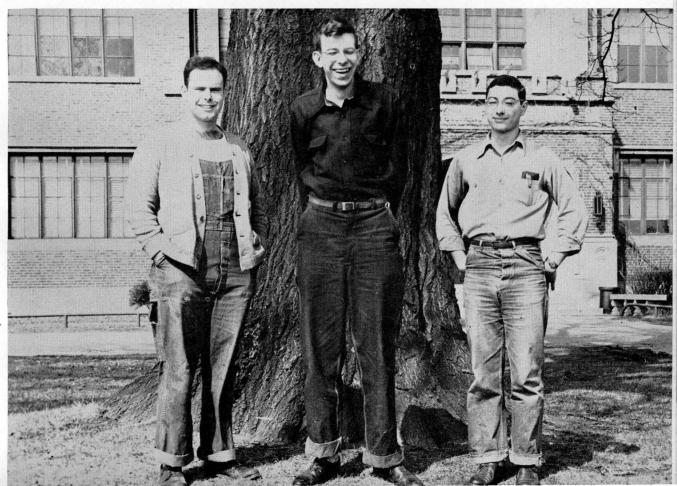
The proud possession of a few R-Men is the Senior Jacket. The Senior Jacket is awarded to a man who earns a letter in his Senior year if he has previously earned another letter. The R-Man's Association provides these jackets. The R-Man's Association is now an indispensable organization on the Rose Campus.

ATHLETIC ASSOCIATION

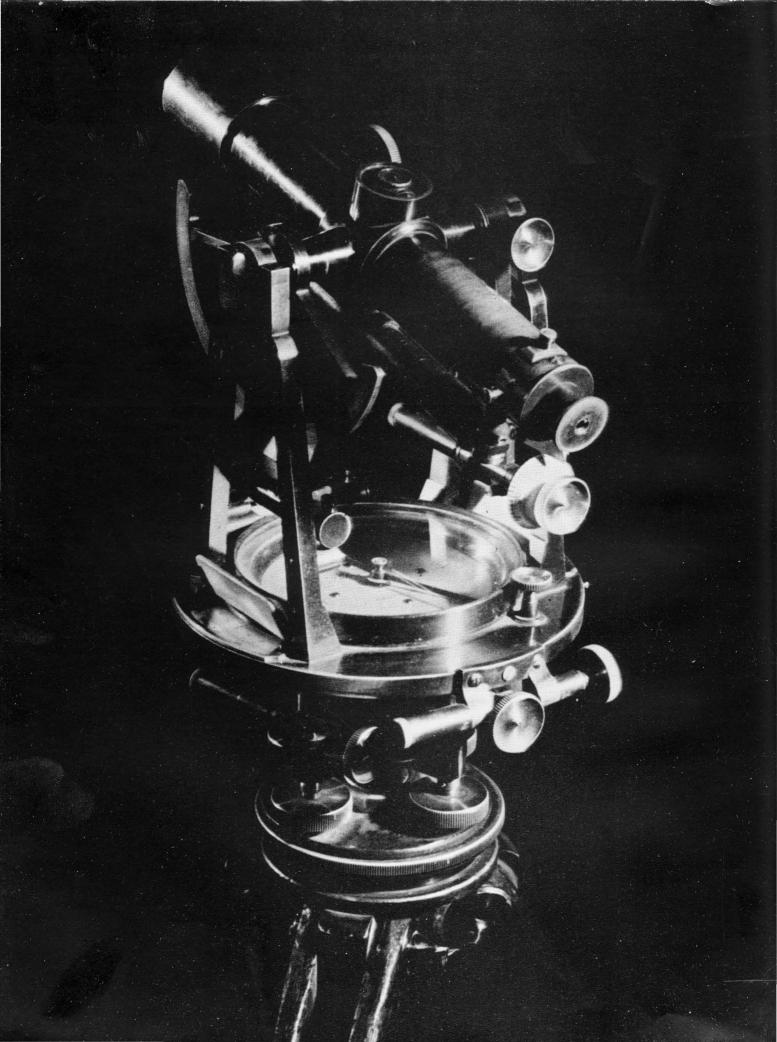
Student members	RILEY	McKEEN
	TOM	NORMAN
	JOE	PERONA

The athletic association is a student-faculty organization designed to approve the awards made to varsity lettermen. Student members of the athletic association are elected by their respective classes, each class having one representative.

Under the leadership of Professor Hutchins, the organization not only approves petitions for the awards but also reviews existing rules and created new ones pertaining to athletic participation. Such an organization facilitates the proper coordination of athletics and awards in a manner that is both fair and helpful to every student.



McKeen, Norman, Perona.





· FRATERNITIES·



Front Row: Godwin, Willian, Leonard, Allen, Kestermeier, Reynolds, Harvey, Phillips. Second Row: Archer, Brunner, J. Rinker, Englum, Baker, R. Johnson, Carey, Mastrobattista, Updike, D. Johnson.



First Row: Miller, Bosshardt, Stoker, Klaus, Vrydagh, Moore, Hauser, Flesor. Second Row: McDonald, Webb, W. Rinker, Bosley, McKeen, Myers, McCune, Sasso, Rendaci, Latham, Wheeler, Soucie, Harris.

ALPHA TAU OMEGA

President	William G. Rinker
Vice President	Jim Myers
Secretary	Gene Mac Donald
Treasurer	Ray Baker
Faculty Advisor	rof. Irvin P. Hooper



The Alpha Tau Omega fraternity, being the first of the four present fraternities to be founded at Rose, continues to play a leading role on the Rose campus.

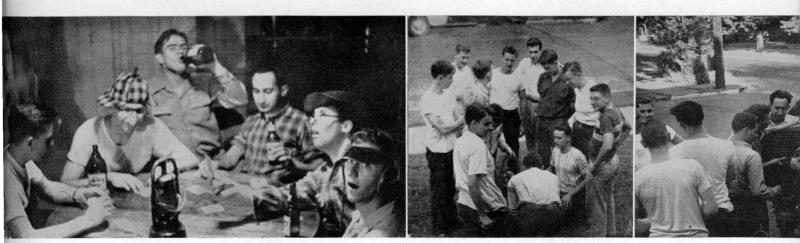
The appearance of the fraternity house at 63 Gilbert was greatly improved by the interior decorating last fall and early spring. The A.T.O. Mothers Club selected the wall paper and drapes which can be found in the living room, dining room, and meeting rooms.

The Annual Christmas Formal, the outstanding social event of the Gamma Gamma chapter, proved to be a success again this year. In March, the fraternity had Johnnie Vann, the National President of Alpha Tau Omega, as their guest for a day. All chapters in Indiana and Illinois met for the annual "State Day" at the Claypool Hotel in Indianapolis. The program consisted of a banquet and an informal dance.

The Alpha Tau's were well represented in student activities at Rose. Ray Baker was elected President of the Senior Class and Student Council. Ronnie Brunner was elected Vice President of the Junior Class and Chris Flesor was Treasurer of the Sophomore Class. William Rinker was editor of the Modulus and Vice President of the Student Council. Joe Perona and Dave Leeds were editors of the Technic. Six brothers belong to Blue Key and four are members of Tau Beta Pi. Brothers William Rinker, Ray Baker, and Joe Perona were elected to *Who's Who In American Universities and Colleges*.

Alumni members, Ed Burgett, Jay Brentlinger, Dick Weatherford, Gene Clingerman, Wayne Loving and Dick Mace are now serving in the Armed Forces.

The Alpha Tau Omega Fraternity hopes the coming year will prove to be as successful for its members as the present one has been.





Front Row: Brinson, Leonard, O'Brien, Butel, Voelker, H. Johnson, Kallansrude. Second Row: Meharg, Fyfe, Ingle, Dedert, Davis, Mardis, Bohrman, Matteson, Yohe.



Front Row: Simpson, Grubaugh, Good, Welling, Bischopink, H. Jones, Herbst. Second Row: Cross, Stewart, Werking, Osborne, Woolley, Gochenour, Ray, Myhre, Green.

SIGMA NU

President	Charles Bute	
Vice President	Robert Greminger	
Secretary	Harry Harrison	
Treasurer	Richard Grubaugh	



The name of Sigma Nu is as familiar at Rose as "Rose" itself, for Beta Upsilon chapter was founded on campus in 1895.

Through the years, Sigma Nu has meant activity in campus life, and with its present large sophomore representation, the chapter is continuing its vital part in school affairs. In athletics, in scholarship, and in extra-curricular activities, Sigma Nu finds prominence.

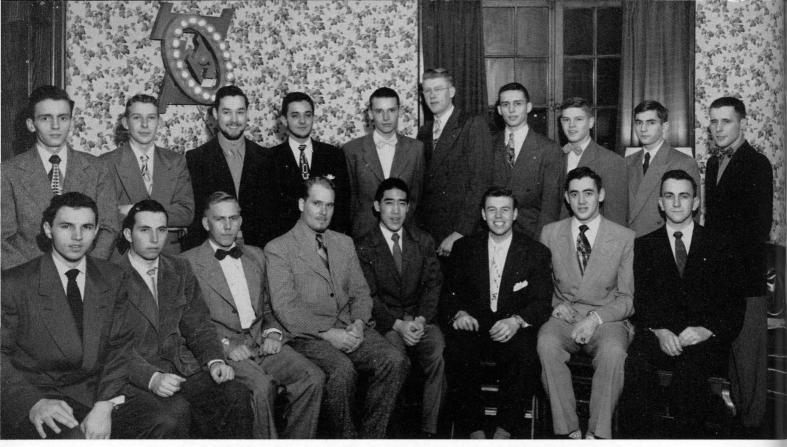
Sigma Nu lettermen this year, in football, were Rex Leonard, Dick Green, Dick Myhre, Dick Osborne, and Chet Good; in basketball, Harry Badger, Vern Bertram, Ken Cross, and Dick Grubaugh; in track, Bob Bohrman, Harry Badger, and Chet Good; and in baseball, John Voelker.

In extra-curricular activities, Bob Bohrman was vice-president of A. I. Ch. E.; Bill Stewart was president of the sophomore class; Don Fyfe was awarded the medal for freshman individual drill competition.

Fall hayrides, spring picnics, and the Starlight Dance lend memories, along with house parties, stag affairs, and the much acclaimed pledge formal.

An integral and exciting part of any college career, fraternity means friendship, and to the Sigma Nu, it holds a wealth of memories, of sharing the fun, of singing the "White Star", of cramming together. It means the best part of college life.





First Row: Zorman, Mook, Nieme, Kilgore, Kawano, Coddington, Rader, Turpen. Second Row: Young, Tague, Grinslade, Miller, Steinhauser, Busher, Cotton, Verdeyen, Schwartz, R. Rinker.

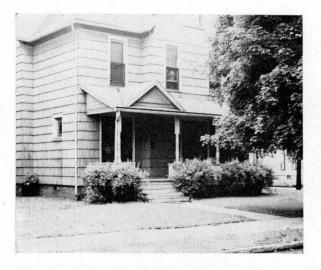


First Row: Somes, Hailstone, Moulton, Sovereign, Wence, Hennig, Vaugn, Hawk, Anderson.

Second Row: Reinking, Griffiths, Sawyers, Heckelsberg, Hirschfield, Scharpenberg, York, Scott, Stater, Cummings, Ulbrich, Albright, Elsey.

THETA XI

President	John Anderson
Vice-President	Robert Rinker
Secretary	Jim Mook
Treasurer	Don Somes



Kappa of Theta Xi has been actively represented on the Rose campus since March 30, 1907. Outstanding activities of the year included a trip to the Louisville 6294 Founder's Day celebration and a softball tournament with Kappa as host to the Indiana and Purdue chapters.

Socially the fraternity had one of its most active years. The annual "Winter Formal" was held in January in the Rose auditorium with sixty couples attending. Early in the fall came the big homecoming open house and traditional stag followed during the year by such functions as a fish fry, a hayride, numerous stags and house parties, and a pledge dance.

The brothers represented themselves very well in all phases of sports this year. On the football squad were such men as Hennig (M.V.P.), Grinslade, Owens, Griffiths, Somes, Rinker, Moulton, Scharpenberg, Mook, Hawk, Rader, Turpen, Ulbrich, and Verdeyen with Miller and Hirschfield the managers. Cummings, Griffiths, Wence, Coddington, Anderson, Grinslade, and Schwartz represented Theta Xi on the baseball team with Elsey and Ulbrich as managers, while James and Zorman won letters in basketball. Hailstone, Ulbrich, Moulton, Mook, Griffiths, Sawyers, Verdeyen, Coddington, and Sovereign were the cindermen with Cotton as manager. Grinslade is the football captain for 1952 and Zorman is basketball co-captain; Rinker was football co-captain and Griffiths baseball captain for 1951. The chapter supported a basketball team that came up with a season record of nine wins against one defeat.

Kappa's men also found time to participate in several school activities. Hennig served as president of the "R" Men's Association of which eighteen T.X.s were members, and Rinker, Hennig, and Stater were honored by membership in Tau Beta Pi; Anderson, Grinslade, Rinker, Hailstone, Miller, and Hennig are Blue Key members. Honor men include Miller, Rinker, Hawk, Hennig, and Hailstone. Hirschfield and Rinker were on the Modulus staff, and Anderson, Scharpenberg, and Rinker served on the Technic staff. Rinker was financial secretary of the Student Council. Officers in the various classes are as follows: Anderson, Senior vice-president; Hailstone, Junior treasurer; and Mook, Sophomore vicepresident.





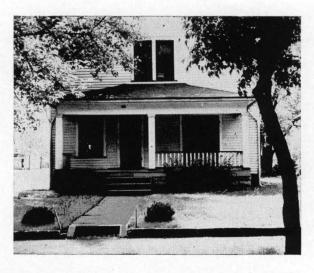
First Row: Bals, Reifenberg, A. Thomas, Garry, Norman, Failing, Barco. Second Row: Runyan, Freely, Long, Farell, Leforge, Zoph, Mudron, Barton, Ross, Foreman, Sparks, Smith, Clark, England, Samuels.



First Row: Post, Schmidt, D. Thomas, Little, Dunlop, Bennett, Pyle. Second Row: Fowler, Stiles, Sage, Rout, Forsaith, Thiel, Fehsenfeld, Weaver, Moody, Bannister, Pedigo.

LAMBDA CHI ALPHA

President	Frederick W. Garry
Vice-President	James T. Norman
Secretary	Alvin B. Thomas
Treasurer	Robert P. Failing



The past school year was one of satisfaction and promise for Lambda Chi Alpha.

The Chapter house was made more attractive externally by repainting, and more pleasant internally by redecorating six rooms and adding new drapes and kitchen equipment.

Theta Kappa's Homecoming Decoration, which won first place this year, consisted of a huge slide rule operated by an elephant. The slide of the rule periodically toppled over a Principia football player by clipping him in the rearend. After Homecoming numerous house parties and minor social events brought enjoyment to the fraternity's members and their guests. December 15, 1950 was the date of Lambda Chi Alpha's "Holly Ball", which successfully closed the year's social season.

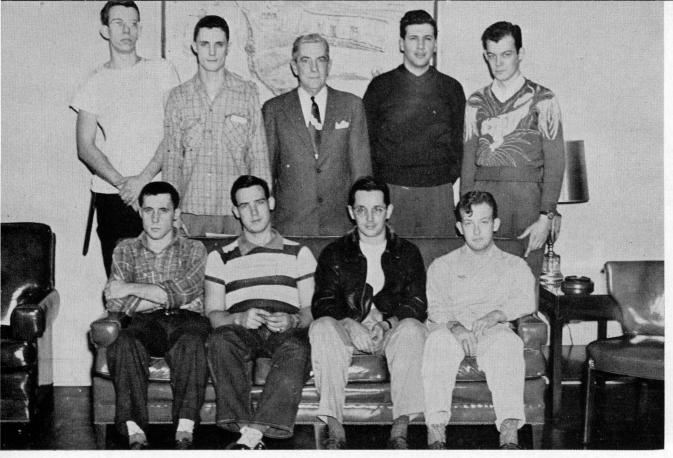
Men of Lambda Chi Alpha were more active than ever before in extra-curricular activities, this year. The Brothers in Tau Beta Pi were Fred Garry, Carl Bals, Duane Pyle, Al Thomas, and Al Forsaith. As for Blue Key, we were represented by Fred Garry, Carl Bals, Al Forsaith, Gunter Thiel, and Bob Failing. There were seventeen Lambda Chi's in the Glee Club with Gunter Thiel serving as President, Duane Pyle as Business Manager, and Glen Rout as Publicity Manager. Carl Bals was Junior Class President, and Carl Wokasien was President of the A. I. E. E. The Chapter had one man on the varsity football team, four on the basketball team, of which Leo Little was Acting Co-captain, three men on the baseball squad, and nine men out for track. The ta Kappa was represented on the Technic staff by eleven men, on the Modulus staff by ten men, and on the Handbook staff by two men.

Frederick Garry received the Outstanding Man Award of Lambda Chi Alpha Alumni. Fred was President of Tau Beta Pi, Secretary-Treasurer of Blue Key, Assistant Editor of the Rose Technic, program director of the A. S. M. E., and on the Rose Convocation Committee as well as having served as President of Lambda Chi Alpha for two years.

The honor of being selected to appear in Who's Who in American Universities and Colleges went to Fred Garry and Carl Bals.

A large pledge class which joined Theta Kappa at Rush Time shows great promise of furthering Lambda Chi Alpha's ideal of well-rounded living both during and after college.





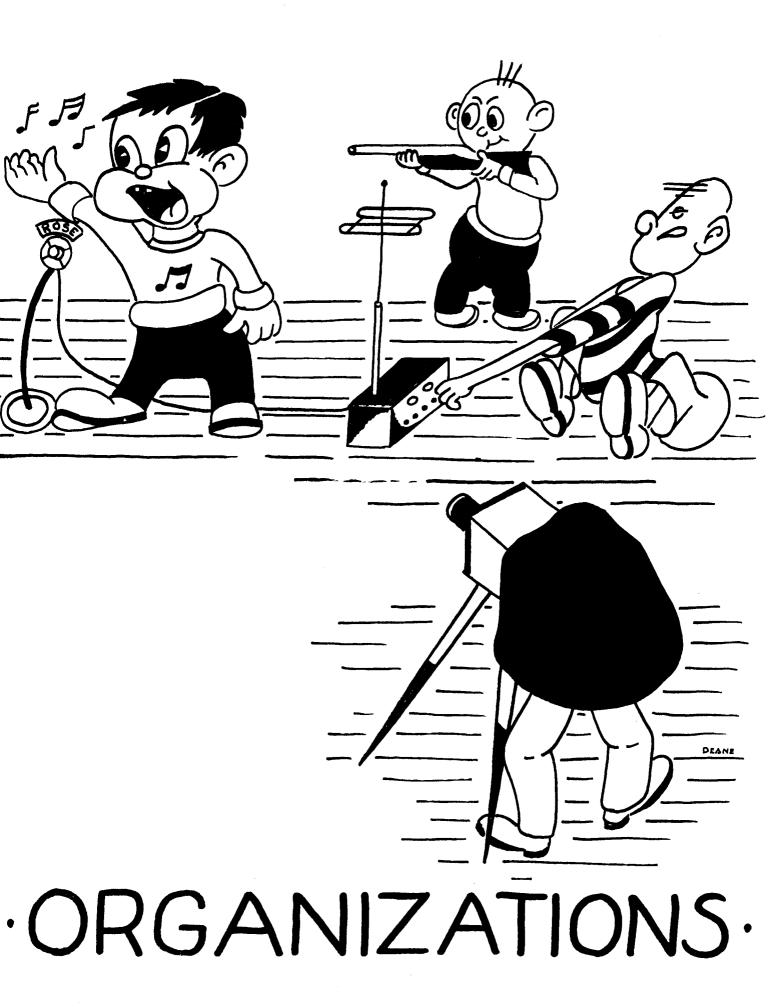
Sitting: R. Rinker, Anderson, Garry, Butel. Standing: Norman, W. Rinker, President Wilkinson, Myers, Greminger.

THE INTERFRATERNITY COUNCIL

The primary function of the Interfraternity Council is to promote harmony and good will among the four social fraternities and the school. This is accomplished by discussion of the problems of mutual interest to the organizations and by the perpetuation of the Interfraternity Agreement. Of utmost importance is the setting of the rushing dates and the rules which govern the preferential rushing system.

An annual Interfraternity Dance is sponsored by the council. The most recent of these was held on June 1, 1951, and offered the members of the Greek letter societies a most enjoyable evening.

The council is composed of the presidents of the four social fraternities, and one other member of each organization. Dr. Wilkinson presides over the meetings of the group. The only student officer in the council is the secretary, elected from the representatives. Robert Rinker ably recorded the proceedings of the group for the past year.





Sitting: W. Rinker, Miller, Leeds, Brunner, Johnson. Standing: Hauser, Stewart, McKeen, Baker, Thiel, R. Rinker, Perona.

STUDENT COUNCIL

President	Ray Baker
Vice President	William G. Rinker
Financial Secretary	
Recording Secretary	Joe Perona

The student council at Rose is one of the most powerful government organizations existing on any college campus today. The council is not a mere figurehead but a strong governing body. This is made possible by the faculty's trust in the students.

The student council is composed of twelve members who may be termed the "Wheels" on the campus. These include the presidents of the four classes, the presidents of the clubs, the president of the athletic association, the editors of the two publications, and the financial secretary. The prime duties of the council are to control the division of the student activity fund and to act as a voice of the students.

Another year of successful student council administration has passed, bringing with it some notable legislation. The most important of these was the faculty action to permit the placing of student members on faculty committees which control scheduling, discipline, attendance, rules, curriculum, the library, and athletics. These students will be real members in the sense that they will vote. This action marks the beginning of a new era in studentfaculty relationship, one which will promote greater understanding and cooperation.

CAMERA CLUB

President	Dave Leeds
Vice President	Warren Jones
Secretary-treasurer	Alfred Todd
Supply Keeper	Robert Brown
Faculty Advisor	Prof. C. L. Mason

The Rose Camera Club, originally the Pyro Club, was founded around 1900. It provides the use of its darkroom and supply service to any student who is interested in photography as a pastime.

Many new students, who had not previously had opportunity to learn the fundamentals of photography, have been introduced to this interesting hobby by experienced members. They have learned how to use the cutfilm and roll-film tanks and film dryer which is part of the equipment of the organization. They learn to use the three enlargers, the contact printer, the new washer, and the dryers in the printing room to produce photographs ranging from billfold size to $8'' \ge 10''$ exhibition prints. Some of the members have been experimenting in color photography with successful results.

The darkroom also provides a workshop for the staff photographers of the student publications. Many Alumni have obtained positions where the experience and skill learned in the club's darkrooms have been very helpful.



Sitting: Klaus, Johnson, Cotton, Jones. Standing: Todd, Leeds, Rendaci, Rexrode, Walls.



Schroeder, Dunlop, Danner, Little, Todd, Wokasien, Walls.

RADIO CLUB

President	Robert Miller
Vice President	Bruce Morehead
Secretary-treasurer	William Rinker
Faculty Advisor	Darell Criss

The Rose Radio Club offers interested students the opportunity to work with radio. If a student's interest is mechanical, he may build sets or assemble equipment; if he likes theory, he may find it in club discussions and student lectures. The "ham" finds ample equipment for amateur broadcasting and receiving.

High points in the history of the club, following its founding in 1923, include the acquirement of a broadcasting permit in 1927 and the assignment of the call letters W9NAA from the American Radio Relay League in 1934. Since the war the club has accumulated much improved equipment, including a modern television set.

Meetings are held every two weeks and feature student lectures on modern experimental communications and other developments.

RIFLE CLUB

President	Robert Johnson
Vice President	Bill Rinker
Secretary	Don Soames
Faculty Advisor	Major Carn

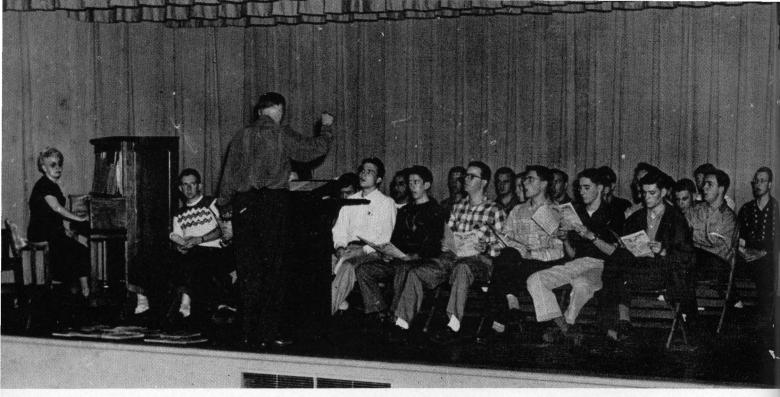
The Rose Tech Rifle Club, one of the most popular clubs on the campus, is the one school organization which combines a club with a varsity team. Since its founding in 1914 the club has promoted the firing of small bore rifles.

The thirty or so members have the use of the 50ft. range in the Military Basement and the .22 Cal. Springfield rifles belonging to the Military Department, as well as the four new .22 cal. target rifles recently purchased by the club. Sergeant Ramsey, an experienced hand at firing, is always willing to help a member improve his form.

This year the club shot a shoulder-to-shoulder match with Purdue, and held postal matches with several of the larger colleges and universities.



Kneeling: Voelker, Jones, Moore, Johnson, Meharg, Somes. Standing: Rendaci, Mardis, W. Rinker, Pirtle, Dickerson, England.



Practice Makes Perfect

GLEE CLUB

President	Gunther Thiel	
Publicity	Duane Pyle	
Business Manager	Glen A. Rout	

The Glee Club is one of the oldest extra-curricular activities functioning on the Rose Campus. This club offers the opportunity to acquire splendid vocal training and experience under excellent guidance.

The success of the group can be attributed to the fine work of Mr. Emil Taffinger, director, and Mrs. Bennet, accompanist. Their work and patience are deeply appreciated by the members of the club.

This year, no exception to previous years, about thirty boys through faithful practice once a week were able to present several concerts on the campus and at various clubs in Terre Haute.



DORMITORY ASSOCIATION

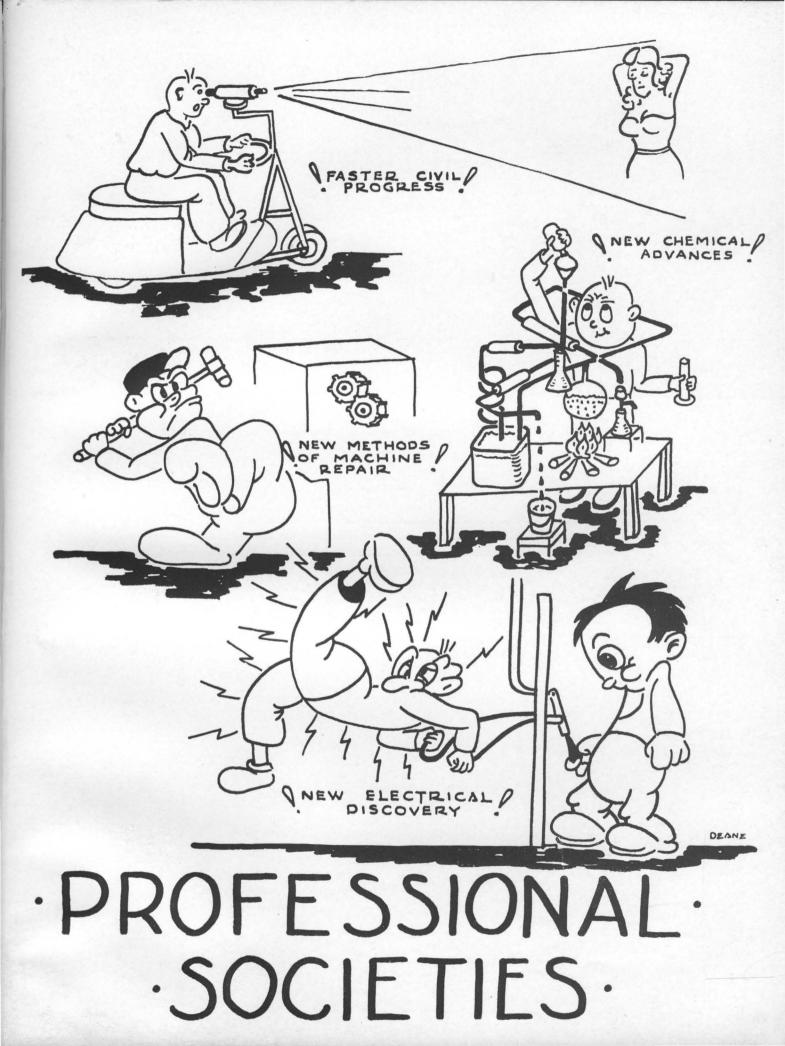
President	Bob Powell
Vice President	Glen Rout
Secretary	Ronald Runyan

Men living in Deming Hall find it convenient to organize themselves for the purpose of self government by duly elected officers. This facilitates matters of business and pleasure which pertain only to dormitory students.

The primary function of the organization as a body is the maintenance of order and the assurance of discipline. Certain hours are set aside each evening for study, during which time the residents are encouraged to turn their thoughts from wine, women, and song to the art of learning.

The Dormitory Association is most fortunate in having as its faculty sponsor, Professor Ralph Ross. Endowed with a thorough understanding of boys and unlimited amounts of patience and good humor, Professor Ross has done much to provide a congenial atmosphere for those living in the dormitory.







Front Row: Jessup, Lambermont, Wokasien, Morehead, Prof. Knipmeyer. Second Row: R. E. Johnson, Kallansrude, Millikan, Rinker. Third Row: Harrison, Hailstone, Holmes, Herod, Yohe, Schroeder, Instr. Berntsen.

A.I.E.E.

Chairman	Carl	yle Wo	okasien
Secretary-Treasurer	Bru	ice Mo	rehead
Faculty Advisor	Mr. I	Robert	Strum

Front Row: Skidmore, Howard, Porter, Schmidt, Instr. Strum. Second Row: Spence, H. H. Johnson, Webster, Nunley, Thomas, Danner, Bennett. Third Row: Nash, Myers, Metz, Dunlop, Mudron, Walls, Todd.



The American Institute of Electrical Engineers was founded in 1884 for the purpose of advancing the art of electrical engineering, fostering friendship and cooperation, and to provide contacts between the different branches. The Rose chapter of the A. I. E. E. was founded in 1911, and is one of over one hundred such branches established in the leading schools in America.

Due to the efforts of the officers in the local branch, ninety-one percent of the junior and senior electricals are now student members in the organization. Although membership is not required in order to attend the meetings of the local chapter, membership entitles one to the advantage of the official publication *Electrical Engineering*, a monthly magazine giving excellent articles of a technical nature on recent engineering problems.

At the request of Professor Knipmeyer, who desired to be relieved from his duties as faculty advisor in which capacity he has generously served for forty years, an election was held and Mr. Strum elected to the office. We regretted to see Professor Knipmeyer resign, for his able leadership was a great factor in the success of the local branch.

During the year, there were several well attended meetings, among them a talk by William Kallansrude on "Lissajous Figures", a discussion of "The Profit Factor" by Charles Yohe and Carl Wokasien, and a trip to see the General Electric Company's train "The More Power to America Special."

A. I. Ch. E.

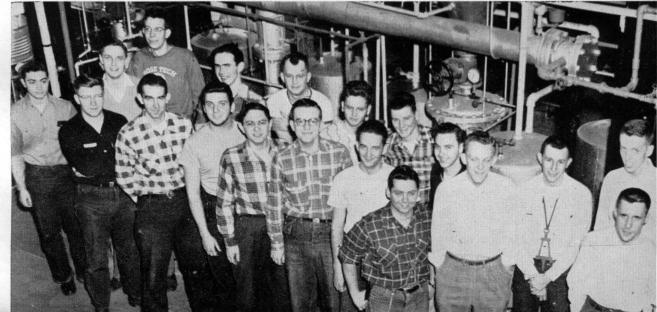
President	Wayne Seegers
Vice President	
Secretary	Joseph Perona
Treasurer	Larry Leonard
Faculty Advisor	Dr. Charles E. Kircher

The student chapter of the American Institute of Chemical Engineers at Rose was founded on March 18, 1937. The purpose of the chapter is to provide the student with a closer association with the chemical engineering profession. This purpose is partially accomplished by numerous trips to local industrial plants, among which this past year have been the Columbian Stamping and Enameling Works and the Merchants Distilling Corporation. Also during the past year the student chapter became affiliated with the Terre Haute Chemical Engineers' Club, an association which enables the student to hear many well-known professional men speak on subjects per taining to chemical engineering. In addition to these plant trips and technical talks, the chapter members enjoyed a picnic last fall at Shakamac State Park.

The chapter is very proud of Robert Rinker who represented Rose Polytechnic Institute at the recent regional meeting of the A. I. Ch. E. chapters at Northwestern University. Bob won first place for the presentation of his paper on "Nuclear Reactors."

> Front Row: Perona, Robinson, Meharg, Hirschfield, Bosshardt, Klaus, Brinson, Leonard, Bohrman, R. Rinker. Back Row: Bals, Norman, Willian, Seegers, Fehsenfeld, Brunner, Gatewood, Thomas,

> Stater.





First Row: Nieme, Latham, Wence, Mook, Revesz, Crews, Vaughn.

Second Row: Gardner, Heckelsberg, Simpson, Heath, Harris, Bischopinc, Ingle, Anderson, Swartz, West.

Third Row: Seneff, Waldbieser, Moulton, Brannon, Albright, Cummings, Pferrer, Steinsberger, Balu.

A. S. C. E.

President	Dan Swartz
Vice President	
Secretary	
Faculty Adviser	
Contact Member H. W.	Harmon of Commercial Solvents

The American Society of Civil Engineers was founded in 1852. The purpose of the student chapter is to help the student prepare himself for entry into civil engineering and the professional society. The student chapter at Rose, established in 1927, has its membership open to all students taking civil engineering and is proud of its 100 per cent membership.

The chapter holds regular meetings during the school year to plan field trips, see educational movies, and hear guest speakers. Representatives from the Chapter at Rose attended the Annual Meeting of the American Society of Civil Engineers which was held in Chicago. Field trips have included a visit to the Indiana State Highway Department by members of the Junior and Senior classes and a trip to a gravel pit north of Terre Haute by the geology class.

Many of the members take the monthly publication, *Civil Engineering*, put out by the parent group and continue their affiliation with the American Society of Civil Engineers after graduation by applying for senior membership in the Society.

٨	S	M.	F
1.	D.	TAT'	L.

President	Fred Reynolds
Vice President	Paul Godwin
Secretary	Gene McDonald
Treasurer	Ray Baker
Program Chairman	Fred Garry
Faculty Advisor	Prof. I. P. Hooper

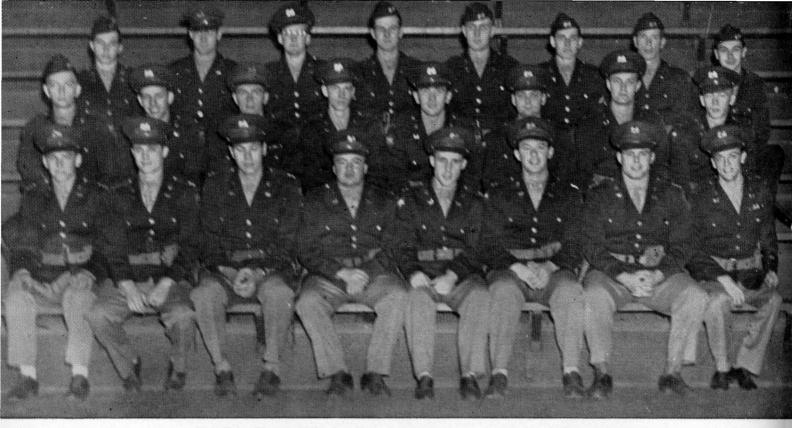
The student branch of the American Society of Mechanical Engineers is an organization fostered by the professional society. The chapter is valuable to the student in that it is one of his closest ties, while in school, with the profession he has chosen. Through the parent organization and its publication *Mechanical Engineering*, the student has access to a wealth of practical information about the current engineering world.

The local A. S. M. E. student branch has many activities of its own. Dinner meetings are periodically held and an annual banquet planned. The annual pig roast is of interest to all and is fast developing into a time honored tradition. Last February our group played host to the central Indiana section of the A.S.M.E. and more recently attended a regional student meeting at Purdue. Inspection trips to industries in various cities, including Indianapolis and Peoria, were enjoyed by the group this year.

These are but a few of the activities of the Rose student branch. Students, upon graduation, may enter the parent society.

Front Row: Coleman, Johnson, McDonald, Kellar, Updike, Phillips, McKeen, Godwin. Second Row: Kuykendall, Greminger, Salzman, Carey, Reynolds, Goy, Ebling, Leeds. Third Row: Mastrobattista, Thomas, Mardis, Moody, Thiel, James, Failing, Post. Fourth Row: Allen, Weber, Stohler, Hennig, Scharpenberg. Fifth Row: Jones, Forsaith, Pirtle, Kestermeier.





First Row: Fowler, W. Rinker, Kestermeier, Phillips, R. Rinker, Reynolds, McKeen, Pirtle. Second Row: Osborne, Failing, Allen, Heckelsberg, Johnson, Leonard, Bals, Pyle. Third Row: Mood, Moulton, Forsaith, Bosley, Myhre, Dedert, Mardis, Gatewood.

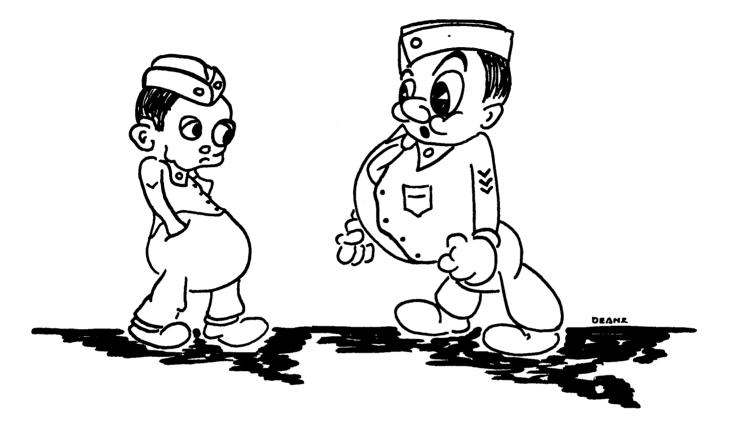
S. A. M. E.

President	William R. McKeen
Vice President	Robert G. Rinker
Secretary-treasurer	Glen Rout

The Society of American Military Engineers is a national professional organization for military engineering personnel. For a number of years prior to World War II, the Society maintained a chapter at Rose; however, between 1942 and 1950, the organization was discontinued. In the spring of 1950, the Rose chapter was reactivated and now has a membership of about forty R. O. T. C. cadets. Membership is open to all students enrolled in the training program of the R. O. T. C.

The chapter program for the past year consisted of demonstrations and lectures by various military and civilian engineers, and plant tours and field trips to distant as well as local industries.

In addition to enjoying the activities of the society, each member receives a monthly publication entitled "The Military Engineer". Although the Rose chapter is again in its infancy, much progress has been made in the past year to build an active society on the campus.



·MILITARY·





Lt. Col. Brook, M/Sgt. Robb, Major Carn, M/Sgt. Roberts, M/Sgt. Ramsey.

R. O. T. C.

An Engineer Unit of the Reserve Officer's Training Corp has been a part of the Rose curriculum since 1919. Courses in Military Science and Tactics are taught by engineers of the United States Army. Every student who is physically fit, is required to pursue the basic two years course during his freshman and sophomore years. Those desiring to do so may elect to continue their studies by taking Advanced Military Science for a period of two more years. Upon completing the advanced course, the cadet receives a second lieutenant's commission in the Organized Reserve of the United States Army.

Annually, the battalion undergoes a federal review and inspection. During the inspection, Army personnel visit military classes and review the entire unit in close order drill. It has been the good fortune of Rose to receive a rating of excellent for each of these inspections. At present, the commanding officer at Rose is Lt. Col. Howard F. Brook, assisted by Major Robert F. Carn.



First Row: Leonard, Pyle, Butel, Phillips, Pirtle, Englum, Forsaith. Second Row: Waldbieser, R. Rinker, Scharpenberg, Grinslade, Heckelsberg, Bals, Failing, Thiel, Tuttle, Hennig, Moulton, Johnson, Dunlop. Third Row: Keal, W. Rinker, Fowler, Allen, McKeen, Reynolds, Kestermeier.

TAU NU TAU

President	Fred Reynolds
Vice President	Warren Allen
Secretary-treasurer	Cliff Hennig

Tau Nu Tau is the national Military Engineer's Social Society. It originated at the University of Illinois, where the constitution was adopted in 1930. Membership is open to members of advanced course in senior R. O. T. C. who are members of engineering units.

The corps of Engineers has long been more than merely a part of the Army. It is in charge of maintaining ports, navigational facilities, and flood control programs and, because of these many duties, has a greater need for cooperation with civilian organizations than any other branch of the service. One of the main purposes of T. N. T. is to help achieve the cooperation between Military Engineers and engineers in civil life.

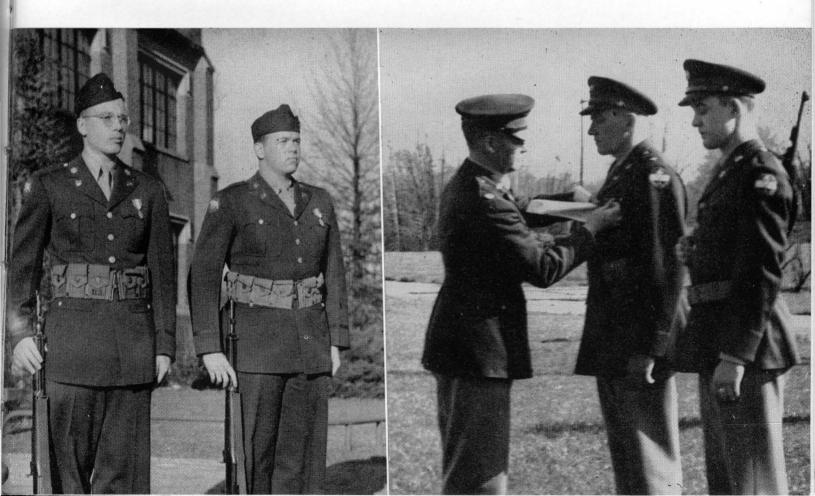
On February 24, 1951, Tau Nu Tau presented the Military Ball. By tradition the Military Ball is a formal dance held annually for the students and their dates. Music was furnished by Buddy Beck's Orchestra in the Rose Auditorium for a fine crowd who received it with enthusiastic approval.

The R. O. T. C. Summer Camp at Fort Belvoir should be well represented by Rose men this summer.

On May 4, 1951 the organization held a hayride for the members and their guests. The event, which is an innovation for the society was greatly enjoyed by all attending.



Military Dept. Det 7 5103 ASU





Seasonal Change

