1944

1944 Modulus
Rose-Hulman Institute of Technology

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# TABLE OF CONTENTS

Dedication ................................................. 4
Administration .......................................... 5
Seniors ......................................................... 11
Underclassmen ........................................... 17
Military ......................................................... 21
Organizations ............................................. 29
Fraternities ............................................... 45
DEDICATION

This book is dedicated to the members of the 1554th Service Unit stationed at Rose during the last year. To them go the best wishes of all of us at Rose Polytechnic Institute.
THE PRESIDENT'S MESSAGE

To the Members of the Class of July, 1944:

No class in the history of Rose, probably, has had a more uncertain academic history than yours. I am not referring to scholastic results, although they have been affected, but rather to continued normal attendance from term to term, or even day to day. No group has been advised by more boards and committees and recruiting parties, and urged in more different ways than has yours. Between R.O.T.C., Enlisted Reserve, Army Air Corps Reserve, Navy V-5, Navy V-7, A.S.T.P., Selective Service, etc., etc., it was a miracle that you could keep a reasonable mental balance and accomplish any intellectual results. That you have done well under these trying, and at times exasperating, conditions is greatly to your credit.

This letter is being written early in May, but I fear that for you uncertainties will still exist at commencement. It is hardly possible that the end of the war will be in sight by that time. You will face, perhaps, a choice between war industry and military service. And you will know that either choice will be temporary. A change to peace-time production will not be far in the future.

All of these experiences are unfortunate; and the greatest contribution you can make to your country, and for that matter to the world, will be to take the active and intelligent part of which you are capable in a vigorous effort to prevent a recurrence. Perhaps your generation can produce a remedy which will cure the ills which develop world wars so that future generations of Rose students will be spared the quandaries through which you have passed.

And finally, in farewell, may I thank you of the class of July, 1944, for your fine cooperation with the faculty and friendly consideration of the soldiers during the crowded days of the A.S.T.P. Much of the success of the Rose participation in this training program came from the cordial attitude and cheerful acceptance of abnormal conditions by our own students.

We wish you the best of personal success in your engineering careers.

Sincerely yours,

President

Six
BENJAMIN H. PINE
Bursar
B.S. 1903; Rose Polytechnic Institute; Alpha Tau Omega.

MARY GILBERT
Registrar

ADMINISTRATION

MRS. YEAGER
Secretary

SUE E. KROG
Assistant Librarian
DONALD B. PRENTICE
President and Professor of Economics in Engineering
Member of American Association of University Professors; American Society of Mechanical Engineers; Society for the Promotion of Engineering Education; American Academy of Political and Social Science; Academy of Political Science; Fellow, American Association for the Advancement of Science; Indiana Engineering Council; Book and Bond; Tau Beta Pi; Blue Key; Sigma Xi; Kappa Delta Rho; Kappa Phi Kappa.

CARL WISCHMEYER
Vice-President and Professor of Mechanical Engineering
B.S., 1906, Rose Polytechnic Institute; M.S., 1910, Rose Polytechnic Institute; M.E., 1920, Rose Polytechnic Institute.
Member, American Society of Mechanical Engineers; American Association of University Professors; Society for the Promotion of Engineering Education; 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.
Member, American Institute of Electrical Engineers; Society for the Promotion of Engineering Education; American Association of University Professors; American Association for the Advancement of Science; Indiana State Board of Registration for Professional Engineers; Chairman of Registration Committee; Indiana Engineering Council; President National Council of State Boards of Engineering Examiners; Indiana Society of Professional Engineers; Sigma Xi; Tau Beta Pi.

CLARENCE P. SOUSLEY
Professor of Mathematics
A.B., 1909, Kentucky Wesleyan College; A.M., 1909, Kentucky Wesleyan College; Ph.D., 1915, Johns Hopkins University.
Member, American Association of University Professors; Indiana Academy of Science; Mathematical Association of America; 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.
Member, American Physical Society; American Association for the Advancement of Science; American Optical Society; American Association of University Professors; American Association of Physics Teachers; Indiana Academy of Science; Phi Beta Kappa; Sigma Xi.

ORION L. STOCK
Professor of Drawing and Descriptive Geometry
B.S., 1908, Rose Polytechnic Institute; B.S., 1913, Architecture; Rose Polytechnic Institute; M.S., 1914, Rose Polytechnic Institute.
Member, American Association of University Professors; Society for the Promotion of Engineering Education; Tau Beta Pi; Lambda Chi Alpha.

RALPH K. STRONG
Professor of Chemical Engineering and Chemistry
A.B., 1905, Acadia University; Sc.B., 1906, Acadia University; A.M., Harvard University; Ph.D., 1917, University of Chicago.
Member, American Institute of Chemical Engineers; American Chemical Society; Society of Chemical Industry; Society for the Promotion of Engineering Education; American Association of University Professors; Fellow, American Association for the Advancement of Science; Sigma Xi.

EDWARD A. MacLEAN
Professor of Civil Engineering
B.S., 1920, University of Maine; M.S., 1926, University of Illinois.
Member, American Society of Civil Engineers; American Association of University Professors; Society for the Promotion of Engineering Education; American Society of Testing Materials.

ROLAND E. HUTCHINS
Associate Professor of Civil Engineering
Member, American Society of Civil Engineers; Indiana Engineering Council; Society for Promotion of Engineering Education; Tau Beta Pi; Sigma Xi; Phi Gamma Delta.

HOWARD L. WHITE
Assistant Professor of Civil Engineering
B.S., 1932, Rose Polytechnic Institute.
Associate Member, American Society of Civil Engineers; Member, Indiana Engineering Council; Indiana Society of Professional Engineers; Tau Beta Pi; Sigma Nu.
ODON S. KNIGHT  
Assistant Professor of Chemical Engineering  
B.S., 1928, University of Colorado; M.S., 1932, University of Colorado; Ph.D., 1935, University of Colorado.  
Member, American Institute of Chemical Engineers; American Chemical Society; American Association of University Professors; Society for the Promotion of Engineering Education; Tau Beta Pi; Sigma Xi; Alpha Chi Sigma.

WELDON N. BAKER  
Assistant Professor of Chemical Engineering  
A.B., 1930, Morningside College; M.S., 1933, State University of Iowa; Ph.D., 1935, University of Chicago.  
Member, American Chemical Society; American Association of University Professors; Sigma Xi; Epsilon Chi; Phi Lambda Upsilon.

JOHN M. PHELPS  
Admission Counselor  
B.S., 1933, Rose Polytechnic Institute.  
Rose Alumni Secretary; Secretary, Committee on Engineering Schools; E.C.P.D.; Manager, Polytechnic Bookshop; Alpha Tau Omega; Blue Key.

F. LEROY BROWN  
Instructor in English  
Member, American Association of University Professors; Phi Beta Kappa; Phi Gamma Delta.

JOHN L. BLOXSOME  
Associate Professor of English and History  
Member, American Association of University Professors; Society for the Promotion of Engineering Education; National Council of Teachers of English; Indiana Teachers of Speech; College English Association; Delta Upsilon.

JOHN A. STRAW  
Assistant Professor of Mathematics  
Member, American Association of University Professors; Mathematical Association of America; Tau Beta Pi; Sigma Xi.

PHILIP C. BROWN  
Director of Athletics  
A.B., 1923, Butler University.  
Phi Delta Theta.

GEORGE E. HANSCHKE  
Assistant Professor of Physics  
A.B., 1935, Ripon College; M.S., 1936, Ohio State University; Ph.D., 1940, Ohio State University.  
Member, American Physical Society; American Association of University Professors; Sigma Xi; Gamma Alpha; Sigma Pi Sigma.

FRED GENSCHEMER  
Assistant Professor of Modern Languages  
A.B., 1928, Lake Forest College; A.M., 1929, University of Wisconsin; Ph.D., 1931, University of Illinois.  
Member, Modern Language Association of America; American Association of University Professors.

ROBERT H. COLWELL  
Professor of Military Science and Tactics  
B.S., 1940, Rose Polytechnic Institute.  
Captain, Corps of Engineers, United States Army; Member, Tau Beta Pi; Blue Key; Alpha Tau Omega.
HAROLD V. FAIRBANKS
Assistant Professor of Chemical Engineering
B.S., 1937, Michigan State College; M.S., 1939, Michigan State College.
Member, American Institute of Chemical Engineers; American Society of Metals; American Chemical Society; American Association of University Professors; American Electrochemical Society; American Association for the Advancement of Science; Society for the Promotion of Engineering Education; Tau Beta Pi; Sigma Xi; Phi Mu Alpha; Phi Kappa Phi.

EDWARD H. ECKERMAN
Instructor in Mechanical Engineering
B.S., 1938, Rose Polytechnic Institute; M.E., 1940, Yale University.
Member, Society for the Promotion of Engineering Education; American Society of Mechanical Engineers; Sigma Xi; Tau Beta Pi; Blue Key; Alpha Tau Omega.

C. LEROY MASON
Assistant Professor of Physics
Ph.D., 1925, University of Wisconsin; A.M., 1926, University of Wisconsin.
Phi Beta Kappa.

GORDON L. BURT
Instructor in Civil Engineering
B.S., 1935, Rose Polytechnic Institute. Associate Member, American Society of Civil Engineers; Member, American Concrete Institute; Tau Beta Pi; Alpha Tau Omega; Ill Blue Key.

ALEXANDER PATERSON
Assistant Professor of Mathematics
C.E., 1920, University of Cincinnati; J.D., 1926, University of Chicago.

FRANK W. MOONEY
Instructor in Shop Practice

GEORGE W. GREENLEAF
Assistant Professor in Shop Management
Superintendent of Buildings and Grounds.

THOMAS MABLEY
Instructor in Geography
A.B., 1919, Kenyon College; Graduate, 1922, Virginia Theological Seminary.

MARVIN E. HANSELL
Instructor in Shop Practice

RALPH O. YEAGER
Instructor in Mechanical Drawing

DONALD S. PEARSON
Assistant Professor in Electrical Engineering
SENIORS

President
BERNARD VONDERSCHMITT

Secretary-Treasurer
ROBERT LARKIN

Vice-President
ROBERT DINKLE
SENIORS

GEORGE A. BOESEL, TERRE HAUTE, INDIANA

Mechanical Engineering

Alpha Tau Omega; Business Manager Modulus 4; Fencing Club 2, 3; President 3; 30 caliber Marksman Medal; Intramural Sports 2, 3; Band 2, 3; Civilian Pilots Training Program 2; Jr. Prom Committee; A.S.M.E. Secretary 3.

LUIS BOGRAN, HONDURAS, C. A.

Electrical Engineering

Glee Club 1, 2; Dormitory Association 1, 2; A.I.E.E. 2.

GEORGE R. BUTWIN, SEELEYVILLE, INDIANA

Civil Engineering

Sigma Nu; Intramural Sports 1, 2, 3, 4; Newman Club 1, 2; Interfraternity Council 4; Rea Scholarship 2, 4; A.S.C.E.

CARL E. CAMPBELL, INDIANAPOLIS, INDIANA

Mechanical Engineering

Alpha Tau Omega; Tau Beta Pi; Technic 3, 4; Class Honors 1, 2, 3; McGregor Scholarships 2, 4; Francis Scholarships 1, 3; A.S.M.E.

HAROLD E. CAMPBELL, TERRE HAUTE, INDIANA

Mechanical Engineering

Alpha Tau Omega; Modulus 4; Business Manager 4; Technic 2, 3, 4; Rifle Club 1, 2; Student Council 4; Interfraternity Council 3, 4; Honor Man 3, 4; A.S.M.E.; Chairman St. Pat’s Dance.

JULY, 1944

Twelve
WILLIAM COLCLESER, Terre Haute, Indiana

Civil Engineering

Alpha Tau Omega; Technic 2; Intramural Sports 1; Rea Scholarship 1; A.S.C.E.

ROBERT H. DINKEL, Terre Haute, Indiana

Electrical Engineering

Tau Nu Tau; Sigma Nu; Modulus Circulation Manager 4; Intramural Sports 2, 3, 4; Radio Club 2, 3, 4; Vice-President 4; Newman Club 1, 2, 3, 4; Class Vice-President 4; A.I.E.E.

CHARLES FOX, Terre Haute, Indiana

Civil Engineering

Sigma Nu; Football 1, 2, 3; Letterman 3; Basketball 1, 2; “R” Men’s Association 4; Rea Scholarship 1; A.S.C.E.: President 4.

FRANK W. GUTHRIE, Indianapolis, Indiana

Mechanical Engineering

Alpha Tau Omega; Blue Key; Technic 2, 3; Business Manager 4; Basketball 3, 4; Letterman 3, 4; Athletic Association 4; Glee Club 3; “R” Mens Association 3, 4; Interfraternity Council 3, 4; Class Vice-President 3; A.S.M.E.; Pr. Prom Committee.

JAMES HANES, Saginaw, Michigan

Chemical Engineering

Theta Xi; Blue Key; Technic 2, 3, 4; Football 1, 2, 3, Letterman 1, 2, 3, Captain 4; Intramural Sports 1, 2, 3, 4; Athletic Association 3, 4, Pres. 4; Debate Club 1, 2, 3, 4, Pres. 4; “R” Mens Association 1, 2, 3, 4, Pres. 4; Dormitory Association 1; Student Council 4; Honor Man 1, 2, 3, 4; Class Honors 2, 4; Francis Scholarship 2, 3, 4; A.I.Ch.E. 2, 3, 4.

JULY, 1944
SENIORS

ARLIS JACK HIEF, JASPER, INDIANA

Mechanical Engineering

Modulus 4; Technic 4; Glee Club 2, 4; Dormitory Association 1, 2; Class Honors 1, 2; Francis Scholarship 4; Jr. Prom Committee; A.S.M.E. Treas. 4.

JAY KRESS, TERRE HAUTE, INDIANA

Mechanical Engineering

Alpha Tau Omega; Modulus 3, 4; Technic 4; Glee Club 1, 2, 3, 4; Business Mgr. 3, President 4; Student Council 3, 4; President 4; Honor Man 4; A.S.M.E., Chairman 4.

GENE LANDIS, PARIS, ILLINOIS

Electrical Engineering

Radio Club 1, 2, 3, President 4; Student Council 4; Dormitory Association; St. Pat's Dance Committee; A.I.E.E. 3, 4, Secy.-Treas. 4.

ROBERT LARKIN, GREENCASTLE, INDIANA

Mechanical Engineering

Theta Xi; Intramural Sports 1, 2, 3; Rifle Club 1; Glee Club 1; Class Sec.-Treasurer 4; A.S.M.E.

WARREN C. LETSINGER, INDIANAPOLIS, INDIANA

Electrical Engineering

A.I.E.E.; Radio Club 1, 2, 3.

JULY, 1944

Fourteen
SENIORS

RICHARD C. MILHOLLAND, TERRE HAUTE, INDIANA

Civil Engineering
Alpha Tau Omega; Technic 2, 3, 4; Intramural Sports 3; Glee Club 3, 4; Honor Man 4; A.S.C.E.

JOSEPH E. MILLER, CLINTON, INDIANA

Mechanical Engineering
Sigma Nu; Modulus 4; Technic 4; Track 3; Rifle Club 3; Glee Club 4; Camera Club 3, 4; Honor Man 4; A.S.M.E.

LEROY S. MILLER, AKRON, OHIO

Chemical Engineering
Tau Beta Pi; Dormitory Association; McGregor Scholarship 3; Francis Scholarship 4; A.I.Ch.E. 2, 3, Chairman 4.

WILLIAM S. MITCHELL, TERRE HAUTE, INDIANA

Mechanical Engineering
Lambda Chi Alpha; Modulus 3, 4; Football 1, 2, 3; Letterman 2, 3; Glee Club 3, 4; Radio Club 4; Camera Club 4; "R" Mens Association 2, 3, 4; Secy.-Treasurer 4; Interfraternity Council 3, 4; Honor Man 4; A.S.M.E.

F. DAYLE PRICE, TERRE HAUTE, INDIANA

Mechanical Engineering
Alpha Tau Omega, Blue Key; Modulus 2, 3; Editor-in-Chief 4; Technic 4; Basketball 1, 2, 3, Letterman 2, 3; Intramural Sports 4; "R" Mens Association 3, 4; Student Council 2, 4; Class President 2; Financial Secretary 4; Honor Man 2, 3, 4; Class Honors 1, 2; Rea Scholarship 1, 2; A.S.M.E.

JULY, 1944

Fifteen
ROBERT N. THOMPSON, INDIANAPOLIS, INDIANA

Mechanical Engineering
Alpha Tau Omega; Modulus 2, 3, 4; Technic 3, 4; Basketball Mgr. 3; Intramural Sports 2, 3; Rifle Club 1, 2, 3, Glee Club 2, 3; Newman Club 2, 3, 4; Dormitory Association 1; Honor Man 3; A.S.M.E.

BERNARD VONDERSCHMITT, JASPER, INDIANA

Electrical Engineering
Alpha Tau Omega; Blue Key; Tau Beta Pi, President 4; Technic 2, 3, Editor-in-Chief 4; Intramural Sports 2, 3; Glee Club 2, 3; Radio Club 2, 3, 4; Newman Club 2, 3; Dormitory Association 1, 2, 3; Student Council 4; Class President 4; Honor Man 4; Class Honors 1, 2, 3, 4; A.I.E.E. President 4.

JULY, 1944
The present junior class had its beginning at two different times. The greater majority entered Rose on June 15, 1942, whereas the rest entered the following October.

This class was the hardest hit by the wartime restrictions, a very small fraction of the original freshman classes still remaining. They do, however, make up in spirit what they lack in number and have entered into their third year at Rose with the usual bickering at sophomores and seniors alike.

Officers of the class were:

Marshall Roesch .............................................. *President*
Robert Greger .............................................. *Vice-President*
Robert Brandenburg ................................. *Secretary-Treasurer*
SOPHOMORES

The second year men at Rose have been depleted as have the other classes, but they still carry on the tradition and customs of all previous sophomores classes.

They were the usual advisory committee for the freshmen when the latter were working on the homecoming bon-fire. They have neglected nothing in their supervision of the first year men.

John Mitchell .......... ........................................... President
John Lee .................... ........................................... Vice-President
Joe Bonuchi .................. ........................................... Secretary-Treasurer

First Row: Lindly, Frigo, Bailey, Brandenburg.
THE FRESHMEN CLASS

Destiny, on July 12th, placed upon the Rose campus thirty-eight members of the class of January, '46. In spite of the war we were able to hold enough in our ranks to make it known that there was a Freshman class. After having our pictures taken we were allowed to roam about the campus clad only in our newly purchased caps and garters. We will always remember the cheerful assistance of the Sophomores.

October marked the beginning of our first engineering feat. The bonfire took most of our hard earned nights and several days during exam week, but after the first disastrous attempt to raise a pole, we succeeded in hoisting our monument to all its glory.

After a stubborn attempt to do away with the wearing of caps and garters we settled back to a few more weeks of books. The day before Thanksgiving found the Freshman class thankful indeed for it was, at last, free. We had enough spirit after the scrap to appear at the dance minus our caps and garters.

Although we lost to the service of our country nearly two-thirds of our class, we enjoyed our first year at Rose and hope to see three more enjoyable years together.
R.O.T.C.

These boys, originally members of the present senior class, enlisted in the Enlisted Reserve Corps. Shortly after, they were called out to take basic training in various parts of the country, and upon completion of their training they were sent back to Rose to resume their courses until they could enter O.C.S.

They are at present at Fort Belvoir, Virginia in Officer Candidate School and will receive their commissions in June of this year.
In August, 1943, the War Department sent 300 or so soldiers to Rose to form the 1554th Service Unit of the Army Specialized Training Program. This plan was as new to the faculty and students at Rose as it was to the men sent there in uniform. However, from the first day until the very last that they were here, the soldiers cooperated completely and became Rose men. Young and old alike they stuck to their books and to Rose.

Many of the service men, not satisfied with just going to classes, participated in the intramural sports program sponsored by Coach Brown. They joined the clubs and organizations, were chosen for honors the same as the civilians and thus brought about the feeling of fellowship that was present throughout their stay.

Some will come back to Rose again after the war. We hope that their days at Rose Polytechnic will not soon be forgotten.

MILITARY PERSONNEL

First Row: Wiggins, Hart, Colwell, Fetter, Kessler.
Second Row: Sisler, Suhr, Phillips, Grav, Sedy, Ratliff.
ADVANCE A

First Row: Sherman, Wojciechowski, Segall, Young, Nurnberg, Scotto, Kaminsky.
Third Row: McIntyre, Seven, Pritula, Kastek, Smith, Carlson, Schbozauer.
Fourth Row: Sammond, Rogers, Daily, Ansell, Murdock, Black.
Fifth Row: Troppman, Sittler, Both, Chamberlin, Simon.

ADVANCE B

First Row: Rosenfeld, Fenzel, Smith, Schwartz, Hicks, Oppenheimer, Proctor.
Second Row: Davidson, Hilliker, Hannan, Arnall, Brauer, Kunzelman, Jackson.
Third Row: Payne, Koebel, Hinterberger, Scheuchzer, Penfield, Klein, Pederson.
Fourth Row: Bentley, Kapner, Knauf, Sakamoto, Havens.

Twenty-four
ADVANCE C

First Row: Allen, Falk, Kemper, Shriner, Dwyer.

ADVANCE D

Second Row: Maliet, Kramer, Fessenden, Ferguson, Newton, Crossette.
Third Row: Knight, Bernstein, Miller, Folsom, Avery, Lichtenwalter.
Last Row: Stitch, Seidlinger, Olson, Casazza, Finley.
BASIC A

First Row: Sullivan, Miller, Lower, Gnitrowicz, Smith, MacGuire, Selby, Bowen.
Second Row: May, Johnson, Orlup, Tarrant, Yergens, Wood, Snyder, Burandt.

BASIC B

First Row: Landon, Everling, Saginaw, Rader, Lynn.
Second Row: Knapp, Tuchman, Heller, Doris, Stuart, Stahly.
Third Row: Martin, Schach, Friedman, Dumphy, Wise.
Fourth Row: Kamody, Lumby, Niblett, Weaver, Michlin, Hewitt.
BASIC C

Second Row: Srnensky, Patterson, Rinehart, McQuady, Stoddard, Mueller.
Third Row: Redding, Fogarish, Simmons, Ris, Singer.
Fourth Row: Smith, Wosachlo, Shaffer, Winegard, Bade, Zollman.
Fifth Row: Vail.

BASIC D

First Row: Lanset, Rosenblatt, Wagner, Ruthman, Kushner.
Second Row: Carey, Hicks, Jones, Kirsch, Lee, Oglethorpe.
Third Row: Murray, Weaver, Bishofberger, Hannam, Ballin, Geller, Sanders.
Fourth Row: Johnson, Broms, Krawitz, Hoch, Becker, Steres, Szymanski.
First Row: Price, Miller, Murdock, Tingley, Kress, Thompson, Loring, LaFollette.  
Second Row: Mitchell, Lee, Durra, Bartholome, White, Cornell, Campbell, Conover, Hief, Boesel, Lundgren.

MODULUS STAFF

Editor-in-Chief ............................................. F. Dayle Price
Business Manager .......................................... Harold E. Campbell
                                            George A. Boesel
Associate Editor ........................................... Robert N. Thompson
Assistant Editor .......................................... Chadbourne H. Williams
Assistant Editor .......................................... Philip B. Loring
Art Editor ..................................................... James Conover
Campus Editor .............................................. William Mitchell
Assistant Campus Editor ................................ John Lee
Military Editors ............................................ William Cornell
                                             Graham Weible
Assistant Business Manager ......................... Jack Hief
Advertising Manager .................................. Jay Kress
Circulation Manager .................................. Robert Dinkle
Assistant Advertising Managers ..................... Joe Miller, John White, John Bartholome, Floyd Tingley, Robert LaFollette, Norman Servies
Photographer ............................................ Fred Lundgren
Photographer ............................................. Joe Durra

Thirty
THE MODULUS

The MODULUS is Rose's year book and is published by the students in an attempt to record in written and pictorial form the events of the school year preceding publication. It is of especial value to the seniors as it reminds them of undergraduate days.

The first copy of the MODULUS left the presses in 1892 under the direction of the senior class. From that date until 1922 it was published biennially by the junior class and from then until 1929 annually by the same class. In 1931 the organization of the staff and the publication procedure were revised and since then the book has appeared regularly each year.

To the casual reader of the MODULUS, the amount of work tantamount to its eventual publication is not at once apparent. Whole-hearted cooperation is needed not only from the staff members but from the student body as well. This year this cooperation is evidenced by our ability to have a MODULUS in these trying times.

Faculty adviser for the MODULUS is Mr. H. L. White and sincere acknowledgments are due him for his many suggestions throughout the year.

Thirty-one
First Row: Kress, Vonderschmitt, Hief, Murdock, Lee, Milholland.
Second Row: Gillum, J. Miller, Thompson, Roesch, Greger, Hanes, Guthrie, Boatman.

TECHNIC

The Rose Technic is a monthly magazine published by the students of Rose. In continuous publication since 1891, it has always ranked among the leading publications of the colleges and universities of the country. A member of the Engineering Colleges Magazines Associated since 1921, it is still one of the active members of that organization. The editor and business manager attended the E.C.M.A. convention held this year in Milwaukee, Wisconsin, at Marquette University.
The staff for this year is as follows:

Bernard Vonderschmitt  Editor-in-Chief
Frank W. Guthrie  Business Manager
Richard C. Milholland  Associate Editor
Robert G. Gillum  Associate Editor
James Hanes  Associate Editor
Warren R. Pugh  Art Editor
Harold E. Campbell  Advertising Manager
Marshall Roesch  Circulation Manager
Carl Campbell  Contributing Editor
Fred M. Lundgren  Photographic Editor
Robert A. Weinhardt  Staff Photographer
John Murdock  Campus Editor
Jay Kress  Humor Editor
Philip Loring  Alumni Editor
Robert Greger  Research and Development
John R. White  Assistant Ad. Manager
Joseph Durra  Assistant Ad. Manager
Gene Boatman  Assistant Ad. Manager
Robert Thompson  Ass’t. Circulation Manager
Norman Servies  Ass’t Circulation Manager
James Hegarty  Ass’t Contrib. Editor
Jack Hief  Ass’t Contrib. Editor
Robert Kays  Ass’t Contrib. Editor
John Stewart  Ass’t Contrib. Editor
Robert Manhart  Ass’t Campus Editor
F. Dayle Price  Sports Editor

Faculty Adviser:
John L. Bloxsome
STUDENT COUNCIL

This student governing board is composed of the leaders and heads of all organizations at Rose Polytechnic. They are truly of the leaders of the school.

To these men is given the responsibility of the disbursing and the allotment of the student fund, the handling of the funds of the organizations and the awarding of honor keys to the honor men. The student council is the conclusive governing body of all student organizations and activities.

The officers were elected at the first meeting of the council with the exception of the financial secretary who was elected by the previous council and the president of the college.

Jay Kress .................................................. President
F. Dayle Price .......................................... Financial Secretary
John Lee .................................................. Recording Secretary
ROSE HONOR MEN

Each year the student body, through its representative, the student council, awards the Rose Honor Key to those men who have attained outstanding recognition in diversified extra curricular activities.

Each student activity is given a rating in honor points and the man earning a certain number of these points during the year or a larger number over a four year period receives the key, a symbol of the schools indebtedness to them. The school owes much to these men for they are truly the mainstays of the student organizations.

First Row: Milholland, Thompson, Murdock, Manhart, J. Miller, Roesch.
Third Row: Gillum, Vonderschmitt, Hanes, Loring.
A.S.M.E.

Since the first meeting of the school year in October 1943, the junior and senior mechanicals have been enrolled in the Rose Student Chapter of American Society of Mechanical Engineers. The Chapter provides an opportunity for members to discuss leading problems and advancements in the mechanical engineering field. Included among this year’s activities was the National Student Branch Meeting of the society in Chicago at which George Boesel presented a paper on the design of automatic screw machine cams.

The officers for the year were:

Chairman ............................................. Jay Kress
Vice-Chairman ....................................... Richard Dill
Secretary .............................................. Harold Campbell
Treasurer .............................................. Jack Hief
Honorary Chairman ................................. Edward Eckerman
A.I.E.E.

The student branch of the American Institute of Electrical Engineers, which has been active at Rose for many years, gives the embryo engineer his first opportunity for membership in a real professional electrical engineering society. Through the branch activities he can become better acquainted with the problems of his field and is given the chance to present to the body a talk on some technical subject during the year.

As always every junior and senior in the electrical department was a member of the branch society.

Officers for the year were:

- Bernard Vonderschmitt ...........................................Chairman
- Warren C. Letsinger ...........................................Secy.-Treas.
- Professor Knipmeyer ...........................................Counselor

First Row: Vonderschmitt, Chelich, Roesch, Gundlach.
Second Row: Letsinger, Lundgren, Knipmeyer, Manhart, Stuart, Blood.
The American Society of Civil Engineers was founded in 1852 as a national organization representing the civil engineering profession. It is one of the oldest professional societies in the United States and has as its chief objective more extensive research in civil engineering and the development of the engineering ability of the individual members.

The society has student chapters at engineering institutions, which are of recognized ability and reputation, one of which was located at Rose in 1927. The Rose chapter holds meetings at which prominent engineers speak, moving pictures of technical interest are shown, and student talks are presented.

Professor R. E. Hutchins is faculty advisor, Fox president, Kemper vice-president and Wodicka is secretary-treasurer.
The Rose Polytechnic Institute Student Chapter of the American Institute of Chemical Engineers was inaugurated March 18, 1937. Any student taking Chemical Engineering as his major subject is eligible for membership. Talks are given by members of the profession and students at Rose at the monthly meetings of the chapter.

Officers for the past year were:

Leroy S. Miller ..............................................Chairman
James Hanes ..................................................Vice-Chairman
Robert Kylander .........................................Secretary-Treasurer
Robert Greger ............................................Sergeant-at-Arms

The faculty adviser for the group is Dr. R. K. Strong.

First Row: Hunt, LaFollette, Logsden, Stringfellow, Murdock, Tingley, Durra.
Second Row: L. Miller, Staver, Kylander, Greger, Williams, Maienschein, Conover.
Third Row: Cornell, Hanes, Barker, Boatman, Knight, McGlone, Benning.
One of the outstanding and best known organizations both on and off the campus is the Rose Glee Club. This year, as always, a large number of boys gave up free time each week to practice faithfully under the direction of Mr. Taflinger. Under his direction the boys received splendid vocal training and experience.

To end a season highlighted by performances for WBOW radio station, the Woman's Department Club, Clinton High School, Garfield High School, Woodrow Wilson Jr. High School and the First Baptist Church, the annual concert was given May 11 at the Union Building of Indiana State Teachers College.

Much credit and many thanks are due Mrs. E. S. Bennett, the accompanist, who has truly become the mother of the Rose Glee Club. Her faithfulness has been an inspiration to the members of the group.

Officers elected for this year are:

Jay Kress .......................................................... President
Marshall Roesch ............................. ............ Business Manager
CAMERA CLUB

Despite wartime curtailment of photography for the civilian, the Rose Camera Club has enjoyed another active year. Many members of the A.S.T.P. unit at Rose shared with the civilian students the splendidly equipped club room. The club display window always had new and different pictures taken by the members.

The Camera Club was one of the factors in bringing about the close cooperation and feeling among the soldiers, civilians and faculty that existed at Rose.

Officers of the Club for the year were:

Fred Lundgren .................................. President
Kenneth Fessenden ......................... Vice-President
Robert Gillum ................................. Secretary

First Row: Mitchell, Miller, Bowne, LaFollette, Durra, Stuart, Koontz, Fessenden.
Second Row: Loring, Hicks, Lundgren, Trappman, White, Weinhardt, Smith, Furrness.
Third Row: Gillum, Romme, Lichtenwalter, Folsom.
DEBATE CLUB

Finishing its sixteenth year on the campus of Rose the Debate Club enjoyed another successful but limited year. The wartime restriction on traveling prohibited any extensive debate schedule; however engagements with Indiana State and discussions at meetings gave the members the chance to improve and develop a debating technique. The team was again coached by F. Leroy Brown who has always taken a great interest in the development of debate technique among students at Rose.

President .............. ................... James Hanes
Secretary-Treasurer .... ........................ Robert Greger
"R" MEN'S ASSOCIATION

In 1938 the lettermen of Rose decided to organize to promote greater interest in athletics at Rose. Membership in this organization is automatic when a man is awarded a letter, major or minor, for participating in football, basketball, track, tennis, or rifle team.

The "R" Men's Association of today is intrusted with the planning and execution of the annual Homecoming celebration. The great success of each Homecoming serves to show the type of spirit that is incorporated in the club.

Many A.S.T.P. students gained membership in the Association this year.

Officers:

James Hanes ........................................ President
William Mitchell ...................................... Treasurer

Front Row: Boatman, Dwyer, Cornell, Shaw, Mitchell, Hanes, Romme, Pritula, Black, Sakamoto, Broms.
Second Row: Tarrant, White, Yergens, Rose, Schwartz, Young, Steurerwalk, Elgin, Doyle, Lindley, Fenzel.
Fourth Row: Staley, Snihardt, Thompson, Van Camp, Price, Giovanazzi, Yugovich.
In the late nineties the demand for student controlled athletics resulted in the formation of the Rose Athletic Association.

Its administration is entrusted to a board composed of eight members, two elected from each of the four classes at class election time. Each student is a member upon payment of his part of the student fund.

It has general control over all sports and is entrusted with the care of the athletic equipment and grounds. This association awards, upon recommendation of the athletic coach, letters and sweaters for meritorious activity.

Officers:

James Hanes .......................................................... President
William Dedert .......................................................... Secretary
BLUE KEY

The Blue Key honorary fraternity was founded in 1924 at the University of Florida by Major B. C. Riley. The Rose chapter was installed in 1932 as a result of the efforts of the Polyphase Club, an organization of similar aims. At present there are more than seventy national chapters.

The men who are elected into Blue Key are those who have shown their leadership in student activities by taking part in the extra-curricular phase of college life. A scholastic requirement must also be met. This means having an average above the all school average for the preceding semester.

In normal times one of the most important functions of the Rose chapter is the sponsoring of the Freshman Orientation party at the first of the school year. At this time student leaders describe extra-curricular activities.

The following officers have been elected:

Frank Guthrie ........................................ President
James Hanes ........................................ Vice-President
Bernard Vonderschmitt .............................. Secy.-Treas.
William Cornell .................................... Corresponding Secy.
TAU BETA PI

Tau Beta Pi was developed through the work of Dr. Edward Williams, professor of engineering at Lehigh University. In the attempt to establish an honorary organization similar to that of Pi Beta Kappa in liberal arts colleges Dr. Williams in 1885 drew up the constitution for Tau Beta Pi which served as the nucleus for the present organization.

Despite war conditions the local chapter was very active in the past year. A total of nine men were added to the active list and a new precedent was established in the election of one ASTP student. A spring banquet was held in honor of the men initiated during the spring term.

Officers for the year were:

Bernard Vonderschmitt ............................................ President
Willis Rose ............................................................ Vice-President
Carl Campbell .......................................................... Secretary
LeRoy Miller ............................................................ Treasurer

First Row: L. Miller, Manhart, Roesch, Roesinger.
Second Row: Rose, Vonderschmitt, Smith, C. Campbell, Bowne, Cornell.
The Alpha Tau Omega fraternity is the product of three ambitious and conscientious confederate veterans. These three men under the leadership of Otis Glazebrook formed as early as 1865 the beginning which has grown very extensively and culminated in the present large national brotherhood. Currently the number of active chapters in the various leading colleges throughout the country totals 93 chapters.

Although hampered slightly by war-time restrictions both as regards to frivolity and number of active men, the chapter has been very active both socially and academically in extra-curricular activities.

The officers for the past year were the following:

Frank Guthrie ........................................... Worthy Master
Bernard Vonderschmitt .................................. Worthy Chaplain
Dayle Price ............................................. Worthy Keeper of the Exchequer
Carl Campbell ........................................... Worthy Scribe
Jay Kress .................................................. Worthy Usher
James Hegarty .......................................... Worthy Sentinel
Robert Thompson ....................................... Worthy Keeper of Annals

Mr. Carl Wischmeyer was instrumental in the continued success of the chapter in serving as Faculty Adviser.
SIGMA NU

The Sigma Nu fraternity was founded on January 1, 1869 on the campus of Virginia Military Institute. The fraternity was the result of the combined efforts of James F. Hopkins, Greenfield Quarles and James M. Riley. The fraternity has grown since then until now there are ninety-seven chapters on the various college and university campuses throughout the country.

Beta Upsilon chapter of Sigma Nu, the Rose chapter, was founded May 5, 1895 by George Schurzman of the Purdue chapter, Beta Zeta. Beta Upsilon quickly developed into one of the leading chapters of the fraternity.

Despite the handicaps brought about by the war, the chapter enjoyed a very busy social year. Numerous open houses, skating parties, dances, a hayride and banquets were held. Perhaps the outstanding event of the year was the Christmas party held at the Izaac Walton League club house.

As usual the Sigma Nu mother's club was very active throughout the year holding regular monthly meetings at the chapter house. The club sponsored a banquet in honor of the graduating seniors which climaxed the years activities.

In April the chapter was forced to close its house for the duration because of the heavy loss of members to the armed forces. However the chapter was fortunate in securing the dormitory for its meetings and social affairs until normal times.

James Conover served as eminent commander and Dick Dill as lieutenant commander until May at which time they entered the services along with several other active members. Prof. H. L. White served as Alumni Adviser and Prof. E. A. MacLean as Faculty Adviser.

First Row: Waldbeiser, Dill, Fox, Conover, Staver.
The Lambda Chi Alpha Fraternity was founded at Boston University on November 2, 1909, by a group of law students known as the Cosmopolitan Club. Rapid progress has been made since that time, and now even in this wartime era Lambda Chi Alpha has 106 chapters with more in view when the peace comes.

The Rose chapter was organized in 1909 as the local P. I. E. S., which in 1925 affiliated with Theta Kappa Nu. With the merger in 1909 of Theta Kappa Nu and Lambda Chi Alpha, the local chapter became part of the third fraternity in the nation and is now known as Theta Kappa Zeta of Lambda Chi Alpha.

During the past year we have welcomed back members of the Armed Forces who were able to stop by on furlough.

In October we pledged George Kyle and John Mitchell, who have since been inducted into the Armed Forces.

Our activities for the past year include a hayride, a Christmas party, our annual Founder's Day Dance, and numerous informal get-togethers.

The officers for the year were:
W. S. Mitchell .......................................................... High Alpha
R. L. Kylander .......................................................... High Beta
C. J. Bashe .............................................................. High Gamma
F. C. Maienschein ....................................................... High Tau
R. A. Greger ............................................................. High Epsilon

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First Row: Nurnberg, Kylander, Bowne.
Second Row: Bashe, Maienschein, Rose.

First Row: Roesinger, Morrisseau, Mitchell.
Second Row: Shaw, Greger.
On April 29, 1864, the Theta Xi fraternity was founded at Rensselaer Polytechnic in Troy, New York. The second chapter was the Beta chapter installed at the Sheffield Scientific School of Yale University on October 29, 1865. Theta Xi then became a truly national organization. At first it was limited to engineering colleges, but in April, 1926, Theta Xi branched out and included some colleges of arts and sciences, until there are now 38 chapters in schools throughout the United States.

On March 30, 1907, six students of Rose went to the Theta Chapter at Purdue University and were initiated into the Theta Xi fraternity, forming the Kappa Chapter at Rose.

The high spots in the social activities of the chapter were a banquet given in honor of the men who left for the armed forces and the chapter attending of the Founder's Day banquet which was held at the Hotel Riley and sponsored by Theta Xi Alumni Club of Indianapolis. The chapter held their annual Christmas formal at the ballroom of the Student Union Building. The chapter also held various stag parties and open houses during the past year.

First Row: Brandenburg, Hanes, Larkin, Penno.
Second Row: Weinhardt, Brown, Stringfellow, Kayes, Schwindy.
First Row: Bailey, Dedert, Wehle, Lindley.
INTERFRATERNITY COUNCIL

The Interfraternity Council at Rose is an intermediary group for the four social fraternities on the campus. It is made up of the president and one elected member of each fraternity and the president of the college. This group sets up the rules for each rush and brings about further cooperation between the fraternities. The officers for the past year were:

President ................................................................. Dr. D. B. Prentice
Secretary ................................................................. Frank W. Guthrie
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