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Modulus (Yearbooks)

Rose Modulus

1934

#### 1934 Modulus

Rose-Hulman Institute of Technology

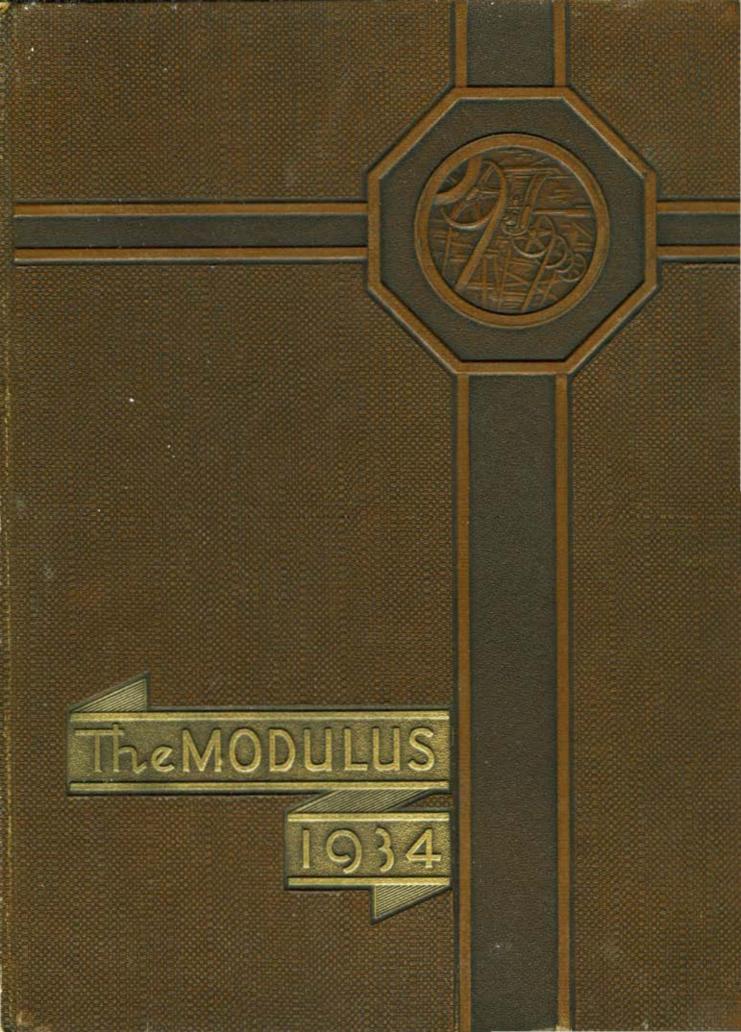
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## THE NINETEEN THIRTY FOUR MODULUS

#### VOLUME NINETEEN

cmo

PUBLISHED BY THE STUDENTS OF ROSE POLYTECHNIC INSTITUTE



#### COPYRIGHT 1934

### FRANK MANSUR

Editor in Chief

#### JACK H. FOULKES, Jr.

Business Manager

#### DEDICATION

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To the makers of civilization, To the helmsmen of man's progress, To the counselors of industry, To the ultimate masters of science and living,

THE ENGINEERS OF YESTERDAY TODAY AND TOMORROW

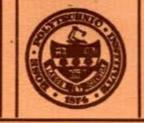
To them this volume is dedicated.



#### FOREWORD

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This Nineteenth Volume of the Modulus is presented as a partial record of the year of 1933-34 on the Rose campus. The memories of days recorded herein will be treasures after time has added its part.



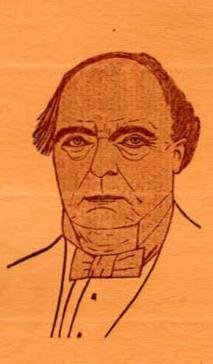
IN MEMORIAM

ARTHUR STAFFORD HATHAWAY

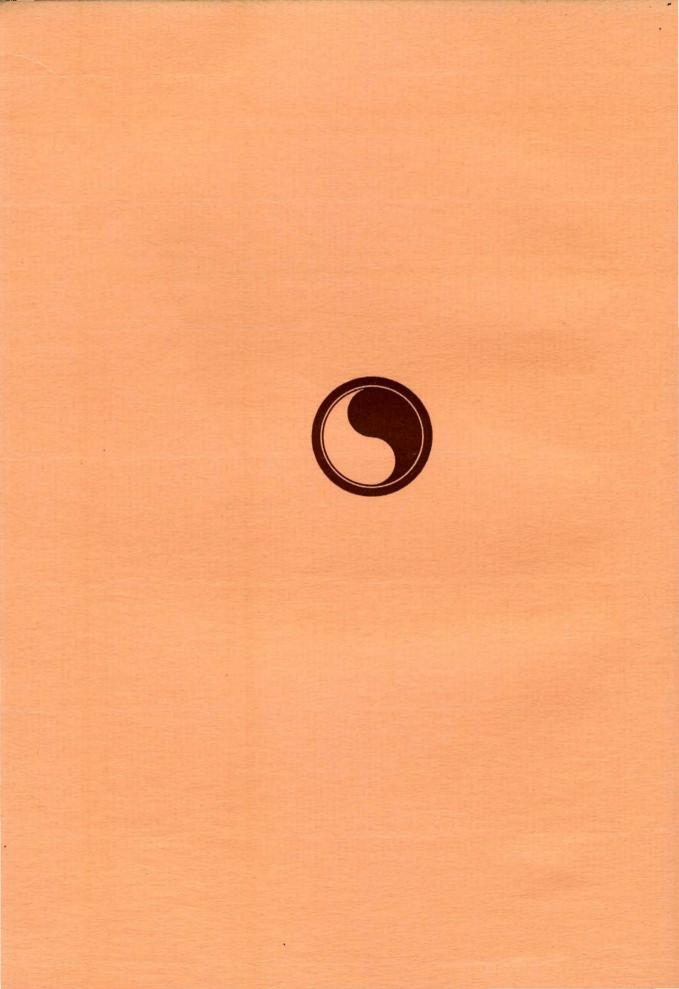
1855 - 1934

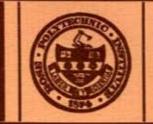
Professor of Mathematics 1891 - 1920 THE BOOKS

ADMINISTRATION II CLASSES III ACTIVITIES IV ATHLETICS V FRATERNITIES VI HUMOR



Chauncey Rose

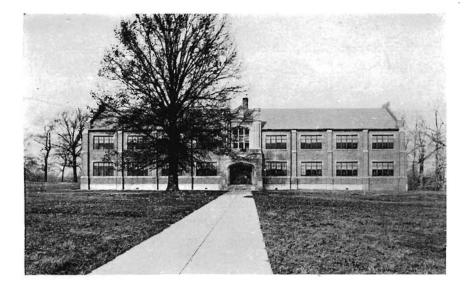




# Administration

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#### History of Rose



The founder of Rose Polytechnic Institute was one of the men that did not have the advantages of the finest in education but he used what he had to the greatest possible extent. After he had acquired a good name in the world and quite a sizable fortune, he conceived the idea along with some of his associates of making it possible for the youth to come to avail themselves of an opportunity for the best education that could be had. With such a thought in mind, Rose Polytechnic Institute was founded September 10, 1874.

Because of the complexities of matriculation and organization, it was not until March 7, 1883, that Rose Polytechnic Institute was formally opened. The location of the buildings then was at 13th and Locust Streets.

After going through the preliminary procedures of organization, a Board of Managers was formed consisting of Chauncey Rose, President, Demas Deming, Treasurer, and William K. Edwards, Secretary. The cornerstone of the main building at 13th and Locusts Streets was laid January 11, 1875. At this time, the name was changed to Rose Polytechnic Institute against the will of Chauncey Rose. The school was originally founded as "The Terre Haute School of Applied Science."

Mr. Rose resigned his office as President on June 13, 1875 because of ill health and the following August he died without having the satisfaction of seeing a class go through Rose although his confidence in his successors overcame any question of the future of the school.

On March 7, 1883, the Rose Polytechnic Institute was formally opened by an inaugural address by President Charles O. Thompson. The plans of instruction set forth by President Thompson were based upon his manifold experiences throughout the technical schools of Europe and his services as Principal of the Free Institute of Technology at Worchester, Massachusetts. It was most unfortunate that President Thompson lived only long enough to see the work get under way.

Dr. T. C. Mendenhall was elected successor to President Thompson in July, 1886, and served until 1890. Following Dr. Mendenhall Dr. T. H. Eddy served as President until 1895 when Dr. Carl Leo Mees was elected President. Dr. Mees served the school until 1919. During this time the school became one of the leading technical schools of the country and it still is one of the country's finest engineering colleges.

In 1922 the construction of the new buildings where the school is now located was finished. One hundred and twenty-three acres of land was donated by Anton and Herman Hulman for the campus.

Dr. C. H. Woodruff occupied the presidency from 1919 until 1924 when Dr. Frank C. Wagner was elected to the office. He served the school capably until his tragic death in 1928. Dr. Donald B. Prentice was elected president in 1932 and is now president of Rose Polytechnic Institute.

Although Rose Polytechnic Institute is one of the smaller schools of the country, it holds a place envied by many and is recognized as one of the leading institutions of its kind. The men who have crossed the threshold of Rose Polytechnic Institute in these 51 years of existence have left an indelible record on the sands of time and have contributed their part toward achieving the ultimate aim of all life, to make the world a better place to live in.

The donors who have made this institution possible are: Chauncey Rose, Josephus Collett, Demas Deming, Susan K. (Heminway) Francis, William S. Rea, James McGregor, Anton and Herman Hulman, the alumni, and the citizens of Terre Haute.

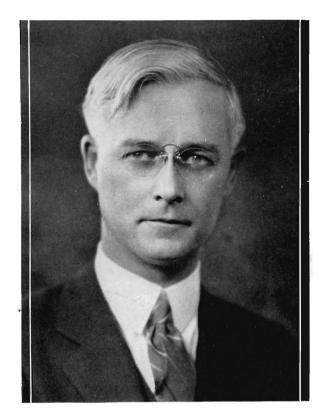


#### Chauncey Rose

Chauncey Rose was born in a small Connecticut village in 1794. He developed the attitude of self reliance early in life because he was one of a family of eight children. The brief taste of education that he obtained in common schools of that time created a yearning for education and knowledge. He did not have the opportunity to attend school anymore but his high respect for learning and his inherent ability enabled him to become a very intelligent man.

In 1817 he traveled westward looking for business opportunities. His trip covered Indiana, Illinois, Missouri, Kentucky, Tennessee, and Alabama. Terre Haute made a very favorable impression on him and he returned here in 1818. He began his business career in the lumber business. His first project was furnishing the lumber for the Parke County Courthouse. In 1825 he became engaged in trade in Terre Haute and soon became one of the town's most successful business men. He invested his profits wisely and acquired quite a large fortune. He tried his hand at farming and was most successful because he was progressive. It was largely through his influence that the railroads were induced to come to and through Terre Haute. He conducted the preliminary surveys in part of this railroad work but his advancing age prevented his going very far with the work.

Chauncey Rose died in August, 1875 and Terre Haute will never forget this mans achievements.



#### Dr. Donald B. Prentice

Donald Bishop Prentice was born at Hartford, Connecticut, on April 28, 1889. He graduated from the Sheffield Scientific School of Yale with a Ph.B. degree in Mechanical Engineering. For the next two years he was employed with the Briton Company of Hartford, Connecticut. He then became an assistant instructor in Mechanical Engineering at Yale and in 1914 was awarded the degree of Mechanical Engineer by Yale. In 1916, Mr. Prentice became the assistant professor of Mechanical Engineering at Lafayette College and in 1917 he was promoted to Professor of Mechanical Engineering. Four years later he was elected to the chairman of engineering and in 1924 he became the Dean of Lafayette College. In the year of 1926-27 Mr. Prentice was acting president and received the M.A. degree in Education.

Dr. Prentice came to Rose in February, 1931, as president of Rose Polytechnic Institute. In 1932 he was given the degree of LL.D. by Wabash College.

Dr. Prentice is a member of the American Society of University Professors, A.S.M.E., Society for Promotion of Engineering Education, American Academy of Political and Social Science, Yale Engineering Association, Tau Beta Pi, Blue Key, Sigma Xi, Kappa Delta Rho, Book and Bond, and Kappa Phi Kappa.

#### To the Class of '34

The Class of 1934 will graduate as recovery from the Great Depression apparently is well started. Records compiled by the American Society of Mechanical Engineers indicate that there is a marked advantage in commencing one's engineering career at the close of a depression. Many members of the Society who have achieved unusual success graduated from college in years when the industrial situation was extremely discouraging. The recovery period led to activity greater than any that had preceded and these men grasped the opportunities afforded by the increase in manufacturing and construction and the expansion of research programs.

We feel confident that the Class of 1934 will have similar opportunities and we know that among its members are many whose names will stand for leadership in their profession when the records of 1954 are compiled.

In the achievement of this success the faculty and students of Rose wish the members of 1934 all happiness and the satisfaction of accomplishment. We shall miss you from the campus and the class room; but we shall know that you are carrying the reputation of Rose throughout the world of engineers and in your turn adding to the respect which the alumni of your college have won.

D. P. Pentice

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#### Mathematics

The mere mention of the term "Mathematics" to many students is a discomfort but such is not true with the engineer. There is no question but what mathematics is the cornerstone of a successful engineering education.

Algebra with all of its intricacies and complications is a tool more powerful than most men are able to use to the fullest advantage. Calculus has to its credit the development of more formulaes and theories than any of the sciences could ever claim. The fundamental basis of modern civilization, "time," is possible only because of highly precise mathematical methods of determining the same thing in the same way with the same accuracy any number of times. Human life entrusts itself to the intregrity and fidelity of mathematical calculations for design. Mathematics is not merely a drudge to be mastered merely as an aggregation of facts but a live science of fundamental relations and mans most powerful tool.

CC ST.



DR. CLARENCE P. SOUSLEY Professor of Mathematics.

Bachelor of Arts, 1909, Kentucky Wesleyan College Master of Arts, 1909, Kentucky Wesleyan College Doctor of Philosophy, 1915, John Hopkins University Member of the Mathematical Association of America, American Association of University Professors, Gamma Alpha.

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#### The Library

The library of Rose Polytechnic Institute is quite unique from the average college library but this is only natural for the demands of a technical student are far different from those of the ordinary student. To be able to know where to find the desired information is fully as important as having a large amount of information readily available. The frequent use of the library as is encouraged by frequent reference work develops the ability to survey a large amount of material and select that which is most usable. The library is not always the scene of drudgery that one might expect but there are times when the gatherings around the tables are most sociable and it is hard to even attempt to guess what the topic of conversation might be.

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Albert A. FAUROT Librarian and Professor of Modern Languages.

Bachelor of Languages, 1891, University of Nebraska Master of Arts, 1895, University of Nebraska Life member of the Modern Language Association and the American Red Cross. Member of the American Academy of Political and Social Science, American Association of University Professors, Phi Beta Kappa.





#### Physics

The realm of physics is almost unlimited as physics play an important part in every phase of life and industry. Those days that were spent struggling through the formulaes of mechanics and dynamics were not wasted at all as many seemed to think when the courses were being taken. Applications of the fundamentals learned in the physics courses have proven themselves useful many times over to the upperclassmen.

The wonders in the realm of physics are probably more illustrious in the Optics studies. Few persons if any have any conception of what a complicated process seeing really is. The physics courses are truly typical of an engineering education. The intricacies are traced back to simple fundamentals yet the ultimate results are beyond the scope of even the most highly educated.

a C Down



BERTON ARTHUR HOWLETT Professor of Physics

Bachelor of Science, 1913, Valparaiso University Bachelor of Arts, 1914, Valparaiso University Master of Science, 1917, University of Chicago Doctor of Philosophy, 1924, Indiana University Member of the American Physical Society, American Optical Society, Association of American Physics Teachers, American Association for the Advancement of Science, American Association of University Professors, Fellow of the Indiana Academy of Science, Phi Beta Kappa and Sigma Xi.

CC & B3



#### Drawing

It is essential that an engineer not only be able to develop ideas but that he be able to record them in a tangible manner and one that can be readily understood by others. Unquestionably, the easiest way to do this is to make drawings showing just what the idea is. To the uninitiated, Mechanical Drawing appears surprisingly simple but it requires a great deal of skillful training and careful practice to produce those fine looking drawings used in engineering.

The theory of drawing illustrated by descriptive geometry is a very important part of the engineers training. It is the opinion of many educators that the ability to visualize the problems of descriptive geometry is a test of whether or not a student is qualified to be an engineer.

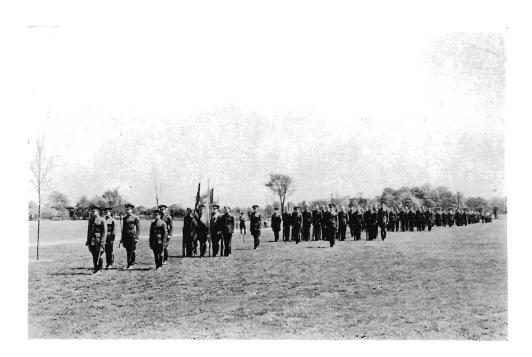
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ORION L. STOCK Professor of Drawing and Descriptive Geometry

Bachelor of Science in Civil Engineering, 1908, Rose Polytechnic Institute Bachelor of Science in Architecture, 1912, Rose Polytechnic Institute Master of Science, 1914, Rose Polytechnic Institute Member of the American Association of University Professors, Society for the Promotion of Engineering Education, Indiana Academy of Science, Theta Kappa Nu, and Tau Beta Pi.





#### Military

Military has been well established at Rose for several years and the Rose unit has always been of very high caliber. There is no other unit in the entire army as vital as the engineers unit because on this unit lies the burden of accomplishing the desired means. They have to devise their own ways of achieving the results but the results must be achieved.

The discipline instilled into a man by military training is not easily substituted for and the intensive training offered in the R.O.T. C. unit is valuable in this respect.

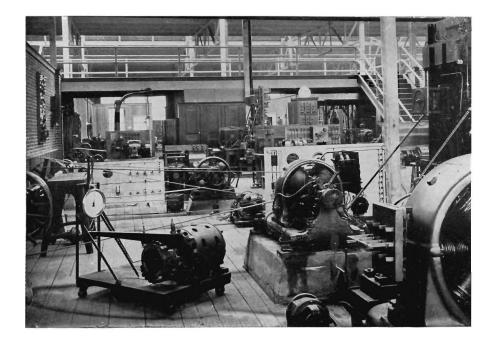
The annual inspection and combat problem given by the unit every Spring attracts many visitors from neighboring localities. The Rose campus is transformed into a battlefield and the war is on. The actual execution of combat problems develops an interest that is most intense and the students put forth a very much more sincere effort than could ever be attained in any classroom. The Military Band offers a chance for the students with musical tastes to do their part.



CAPTAIN JOSEPH STEVENSON Professor of Military Science and Tactics

Captain, Corps of Engineers, United States Army Member of Tau Nu Tau.

.....Ca Do



#### **Electrical Engineering**

No other one field has grown in such tremendous strides as has Electrical Engineering. The Electrical Engineer of today has to be very widely educated in the affiliated engineering fields because the applications of the electrical industry are so manifold and ther is hardly a field where electricity does not play a part. The recent development of home appliances have created a new field for the electrical engineer and the scope of household engineering is still very limited compared to what it will be. There is little question but what electrical power will supersede nearly every other source and every man in the engineering field will have to have a knowledge of electricity.



PROFESSOR CLARENCE C. KNIPMEYER Professor of Electrical Engineering

Bachelor of Science, 1907, University of Michigan Member of the American Institute of Electrical Engineers, Society for the Promotion of Engineering Education, American Association of University Professors, American Association for the Advancement of Science, Sigma Xi.

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#### Mechanical Engineering

The machine age has created demands for masters of machines to design, construct, and control these wonderful devices. The Mechanical Engineer is very important in modern life because no piece of machinery is built or ever was built that does not involve the principles that form the basis of a Mechanical Engineers knowledge.

The Josephus Collett Chair of Dynamic Engineering was made possible through the bequests of Josephus Collett.

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PROFESSOR CARL WISCHMEYER Secretary of the Faculty

Professor of Mechanical Engineering

Bachelor of Science, 1906, Rose Polytechnic Institute Master of Science, 1910, Rose Polytechnic Institute Mechanical Engineer, 1920, Rose Polytechnic Institute. Member of the American Society of Mechanical Engineers, American Association of University Professors, Society for Promotion of Engineering Education, Tau Beta Pi, Alpha Tau Omega.

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### Civil Engineering

The housing and transportation of modern industry and civilization along with all of its complexities is the problem that Civil Engineering has to cope with. There is an abundance of evidence of their progress by the roads, sewer projects, water projects, and buildings. To be sure, the Civils share the credit of the buildings with the Architects but the work of the Civil Engineer in any construction project is indispensable. The Civil Engineers deal with more massive things and projects than any of the engineers in other fields but there exists an unseverable tie between all of the engineering professions that would mean disaster to render.



PROFESSOR ROBERT L. MCCORMICK Professor of Civil Engineering

Bachelor of Science, 1891, Rose Polytechnic Institute. Master of Science, 1906, Rose Polytechnic Institute. Civil Engineer, 1907, Rose Polytechnic Institute. Member of the American Society of Civil Engineers, American Association of University Professors, Society for Promotion of Engineering Education, Indiana Engineering Society.

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#### Chemical Engineering

It is even more true of Chemical Engineering than any of the other fields of engineering that there is no phase of life that is not affected by Chemical Engineering in one of its numerous forms. If all of the contributions to the progress of civilization could be gathered together into one survey, it is doubtful if any one field could claim more of these achievements than Chemical Engineering. Although there is always a tendency to stay away from the Chemistry Laboratory because of the abundance of prevailing odors, it is a place of great value to the engineer.

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Dr. JOHN WHITE Vice President of the Faculty

Professor of Chemical Engineering Bachelor of Arts, 1888, John Hopkins University. Master of Arts, 1891, John Hopkins University. Doctor of Philosophy, 1891, John Hopkins University. Fellow American Association Advancement of Science, American Chemical Society, American Association of University Professors, Society for Promotion of Engineering Education, Indiana Academy of Science, American Association of Education, Sigma Xi, Alpha Chi Sigma, Beta Theta Pi.

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Benjamin Pine *Bursar* B.S. 1903 Rose Alpha Tau Omega



Mary Gilbert Registrar

HELEN MAHLEY Secretary to the President B.A. Wellesley College Phi Beta Kappa.



Helen Roedel Assistant Librarian



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#### Alfred T. Child

#### Associate Professor of Chemical Engineering

A.B., Amherst College, 1898, A.M., Columbia University, 1900. American Chemical Society, Alpha Chi Sigma, Delta Upsilon, Indiana Academy of Science.



#### ROLAND ELLIS HUTCHINS

#### Associate Professor of Civil Engineering

Sc.B., Brown University, 1910, A.S.C.E., American Association of University Professors, Sigma Xi, Phi Gamma Delta.





#### HERMAN A. MOENCH Instructor in Electrical Engineering

B.S., Rose, 1929, Tau Beta Pi, A. I. E. E., Institute of Radio Engineers, American Association of University Professors.



#### PAUL G. HOEL

Instructor in Mathematics

B.A., Luther College, 1926, M.A., University of Minnesota, 1929, Ph.D., University of Minnesota, 1933, American Mathematical Society, American Association of University Professors.

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#### Henry C. Gray

Instructor in Machine Design

B.S., Rose 1917, Tau Beta Pi, A. S. M. E., American Association of University Professors,



#### JOHN L. BLOXSOME

Instructor in English and History

A.B., DePauw University, 1927, American Association of University Professors, National Council of Teachers of English, Indiana Teachers of Speech, American Academy of Political and Social Science, Delta Upsilon.

#### EDWIN WADE MANN

Instructor in Chemistry

B.Ch.E., Ohio State University, 1918, M.S., Ohio State University, 1933, American Association of University Professors, Alpha Chi Sigma, Sigma Xi.



#### HARVE N. CHINN

Instructor in Civil Engineering and Mathematics

B.S., Rose, 1923, Tau Beta Pi, American Association of University Professors, Society for the Promotion of Engineering Education.





THEODORE A. HUNTER Instructor in Physics B.S., University of Iowa, 1923, M.S., University of Iowa, 1924, E.E., University of Iowa, 1931, American Physical Society, Institute of Radio Engineers, American Association for Advancement of Science, American Association of University Professors, Sigma Xi, Kappa Eta Kappa.



PHIL C. BROWN Director of Athletics

A.B., Butler University, 1923, Phi Delta Theta.





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



Sylvester Kearns Warrant Officer, U. S. A. Instructor in Miliary Science and Tactics Tau Nu Tau,

Fifth District Reserve Officers Association.

S. DOW



Oscar L. Richmond Instructor in Pattern Making



F. W. MOONEY Instructor in Foundry and Machine Practice

> MARVIN E. HANSEL Assistant in Shop Practice



PHILIP R. GARGES

1st Lieutenant C. E. Corps of Engineers

U. S. Military Academy, 1924, C.E. Cornell University, 1926, Tau Nu Tau.



### Committees of the Faculty

Admissions and Probation Professors Prentice, White and Miss Gilbert

Athletics Professors Hutchins, Sousley, Wischmeyer and Messrs. Brown and Pine

Attendance

Professors Stock, Howlett and Bloxsome and Mr. Moench

Curriculum Professors White, McCormick, Knipmeyer, and Wischmeyer

Discipline Professors White, McCormick, Knipmeyer, and Wischmeyer

Graduate Degrees Professors Howlett and Wischmeyer and Mr. Chinn

> Library Professors Faurot, White and Bloxsome

Rules Professors Stock, Faurot, and Sousley, and Mr. Mann

> Schedule Professors Wischmeyer, White and Stock

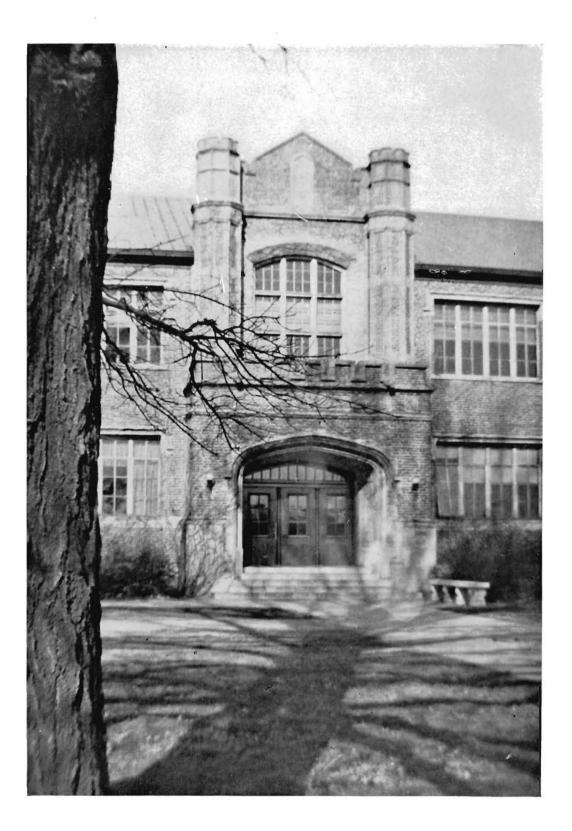
Scholarships and Loans Professors Faurot and White and Miss Gilbert

## Advisers for Student Organizations

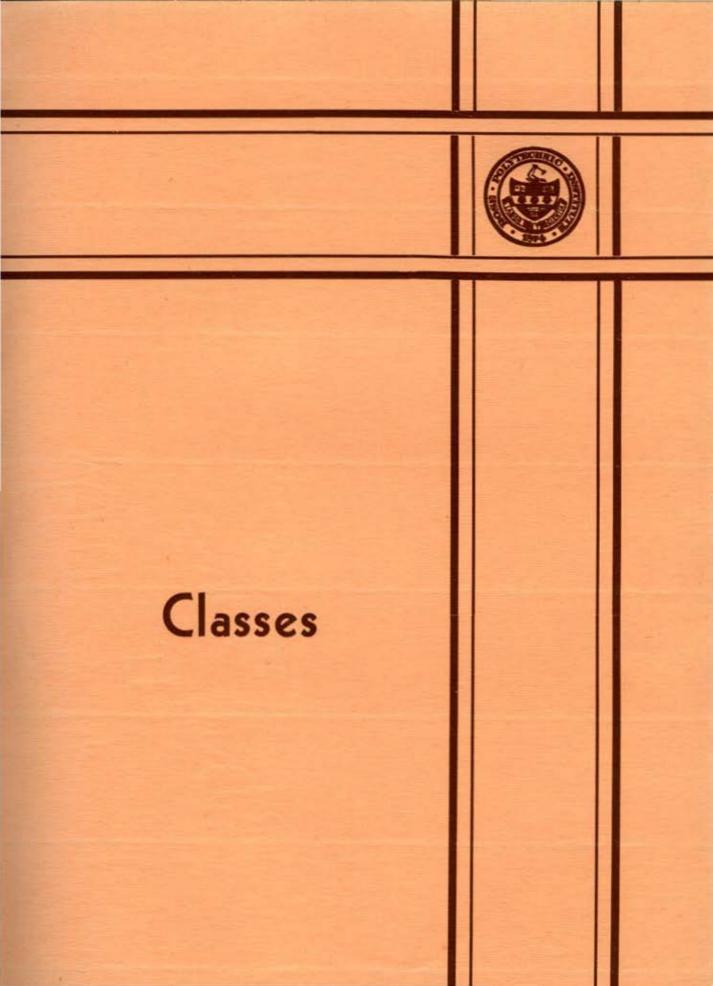
The Technic Professor Faurot
The Band
Camera Club MR. GRAY
Glee Club Professor Child
Rifle Club Lieutenant Garges
Radio Club Professor Howlett
Branch A. I. E. E. PROFESSOR KNIPMEYER
Branch A. S. C. E. PROFESSOR McCormick
Branch A. S. M. E MR. GRAY
Modulus Professor Stock
Debate Club Professor Bloxsome

## Student Advisers

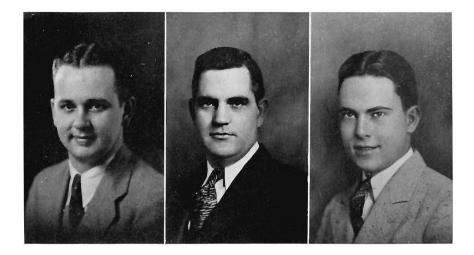
Chemical Engineering:
Class of 1934Dr. WHITE
Class of 1935 PROFESSOR CHILD
Class of 1936
Civil Engineering:
Class of 1934 Professor McCormick
Class of 1935 Professor Hutchins
Class of 1936
Electrical Engineering:
Class of 1934 Professor Knipmeyer
Class of 1935
Class of 1936
Mechanical Engineering:
Class of 1934 Professor Wischmeyer
Class of 1935
Class of 1936 Mr. Gray
Freshman Class:
Professors Stock, Sousley and Bloxsome and Mr. Hoel.



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## The Class of 1934

One September day, four years ago, a crowd of boys entered Rose in the embryonic stage of their development to be slowly transformed into engineers—to be changed from youth to manhood by the guiding hands of those who have led to success so many of our predecessors.

In our brief stay at Rose we have been particularly fortunate in participating in some of the traditional activities that probably no class in time to come will witness. Such events as the class scrap, the tug-o-war, the soph football game, the junior banquet, and the senior picnic will long linger in our memories after triple intergration and Young's Modulus are forgotten.

As we go on to complete our metamorphosis—to struggle in our various fields of endeavor—to carry on the good work of those who have gone before us—to achieve our goal in the name of Rose—we hope to thus show our gratitude and appreciation to that illustrious and distinguished group of men who have given us our start, our teachers.

And now, when we are leaving Rose, we shall not say farwell, nor even good-bye, because we know we shall always have her with us in our minds. So in closing we say "Thanks for the lift, old pal."

President
Vice-President
Secretary and Treasurer Jack Foulkes









1934

# S E N I O R S

#### RUSSELL E. ARCHER, Electrical

Garfield High School, Terre Haute, Indiana Terre Haute, Indiana Theta Kappa Nu, A. I. E. E., President Rose Radio Club 4, Sec.-Treas. Radio Club 3, V.-Pres. Radio Club 2, Student Council 4, Interfraternity Council 4, Chairman Rose Show Reception Committee 4, Chairman Rose Show 4, Radio Club 1-2-3-4, Camera Club 3-4, Rifle Club 1-2.

#### HENRY FICK, JR., Electrical

Garfield High School, Terre Haute, Indiana Terre Haute, Indiana Theta Kappa Nu, A. I. E. E., Technic Staff 2, Band 1-2, Lighting Committee Rose Show 4, Radio Club 3-4, Camera Club 4, Rea Scholarship 1-2.

#### JOHN BABILLUS, Electrical

Posey Township High School, Staunton, Indiana Staunton, Indiana Tau Nu Tau, A. I. E. E., Chairman Rose Show Physics Department 4, Camera Club, Radio Club.

#### RICHARD C. HORNUNG, Electrical

Wiley High School, Terre Haute, Indiana Terre Haute, Indiana A. I. E. E. 3-4, Radio Club 3-4.

#### HOWARD C. BARNES, Electrical

Gerstmeyer Technical High School, Terre Haute, Indiana Terre Haute, Indiana Tau Beta Pi, A. J. E. E., Committee Rose Show 2, Junior Honors, Scholarship 1-4.

#### BRENT C. JACOB, JR., Electrical

Glenville High School, Cleveland, Ohio Cleveland, Ohio Sigma Nu, Tau Beta Pi, A. I. E. E., Class President 1, Technic Staff 2-3, Medulus Staff 3, Recording Sec. Student Council 1, Band 1-2, Chairman Rose Show 4, Manager Glee Club 4, Interfraternity Council 4. Ritle Club 1, Radio Club 3-4, Glee Club 3-4, Scholarship 1-2-4, Honor Man 4.

#### JOHN A. DOYLE, Electrical

Brazil High School, Brazil, Indiana Brazil, Indiana A. I. E. E., Radio Club, Rifle Club.

#### HARLAN C. JOHNSON, Electrical

Wiley High School, Terre Haute, Indiana Terre Haute, Indiana Indiana Central College, Summer 1933 A. J. E. E. 3-4 Camera Club 1, Rifle Club 1-2, Radio Club 3-4.

### Electricals









# MODULUS

### Electricals









#### MARSHALL C. POWELL, Electrical

Central High School, Evansville, Indiana Evansville, Indiana Theta Kappa Nu, A. I. E. E., Track 1-2, Rifle Club 1-2, Radio Club 1-2.

#### W. CLIFFORD LAMB, JR., Electrical

Wiley High School, Terre Haute, Indiana Terre Haute, Indiana Alpha Tau Omega, A. I. E. E. 4, Radio Club 1-2-3.

#### HOWARD A. STADERMAN, Electrical

Wiley High School, Terre Haute, Indiana Terre Haute, Indiana Blue Key, A. I. E. E., Pres. Radio Club 3, Pres. Camera Club 4, Student Council 3-4, Modulus 4, Chairman Rose Show 4, Radio Club 1-2-3-4, Camera Club 1-2-3-4, Rifle Club 1-2, Debate Club 3, Rose Honor Man 3.

#### ERNEST C. LEITZMAN, Electrical

Martinsville Community High School, Martinsville, Illinois Terre Haute, Indiana

#### MAURICE TUCKER, Electrical

Soldan High School, St. Louis, Missouri St. Louis, Missouri Tau Beta Pi, A. I. E. E. 3-4, Modulus 2, Power Committee Rose Show 4, Camera Club 1, Debate Club 3, Radio Club 3, McGregor Scholarship 3-4, Honorable Mention 3.

#### LYLE R. MAEHLING, Electrical

Garfield High School, Terre Haute, Indiana Terre Haute, Indiana Alpha Tau Omega, A. I. E. E., Football 2-4, Radio Club 3-4, Rifle Club 1-2, Camera Club 3-4, Glee Club 4, Major R 4.

#### NORMAN E. WATSON, Electrical

Hillsdale High School, Hillsdale, Indiana Hillsdale, Indiana A. I. E. E. 3-4, Sign Chairman Rose Show 4 Camera Club 4, Rifle Club 1-2.

#### FRANK MANSUR, Electrical

Santa Ana Polytechnic High School, Santa Ana, California Santa Ana, California Santa Ana Junior College 1929-30, 1930-31 Alpha Tau Omega, Blue Key, A. I. E. E., Chairman A. I. E. E. 4, Student Council 4, Assistant Editor Modulus 3, Editor-in-chief Modulus 4, Program Committee Rose Show 4, Rose Show Poster 2, Debate 3, St. Pat's Committee 4, Vice President Camera Club 4, Radio Club 3-4, Camera Club 2-3-4, Debate Club 3, Honor Man 4.

# MODULUS









1934









1934

# SENIORS

#### GENE A. ZWERNER, Electrical

Garfield High School, Terre Haute, Indiana Terre Haute, Indiana Alpha Tau Omega, A. I. E. E. Modulus 2-3-4, Chairman Senior Social Committee. Rifle Club 1-2, Radio Club 3-4.

#### PAUL F. FROEB, Mechanical

Wiley High School, Terre Haute, Indiana Graduate Rose 1932 Theta Kappa Nu, Tau Beta Pi, A. S. M. E. Terre Haute, Indiana

#### ANTHONY J. BURGERT, Mechanical

Garfield High School, Terre Haute, Indiana Terre Haute, Indiana A. S. M. E. 3-4, Radio Club 3-4.

#### F. J. LANDENBERGER, Mechanical

Olney Township High School, Olney, Illinois Olney, Illinois Sigma Nu, Blue Key, Tau Nu Tau, A. S. M. E., Class Sec. 2, Modulus 3-4, Football 1-2-3-4, Captain Football 4, Pres. Athletic Board 4, Student Council 4, R. O. T. C., Chairman Rose Show 4, Chairman St. Pat's 4, Honor Man 4, All State Football Team.

#### RUFUS DANNER, JR., Mechanical

Indiana State High School, Terre Haute, Indiana West Terre Haute, Indiana A. S. M. E., Tau Nu Tau, Rifle Club 2-3.

#### HERBERT MCANICH, Mechanical

Indianapolis, Indiana A. S. M. E.

#### JACK H. FOULKES, JR., Mechanical

MODULUS

Indiana State High School, Terre Haute, Indiana Terre Haute, Indiana Alpha Tau Omega, Blue Key, A. S. M. E. Football Manager 1-2, Technic 2-3, Modulus 1-3, Rose Show Chairman 2-4, Class Sec'y.-Treas. 1-4, Athletic Association Member 2-3, Intrafraternity Council 4, Sec.-Treas. of Interfraternity Council, Vice-Pres. of Blue Key, Glee Club 4, Rifle Club 1. Blue Key, Technic, Modulus, Rose Honor Key.

#### H. L. MCGURK, JR., Mechanical

Garfield High School, Terre Haute, Indiana Terre Haute, Indiana Alpha Tau Omega, Tau Beta Pi, Tau Nu Tau, Blue Key, A. S. M. E., Football Manager, Technic 3, Modulus 2, V.-Pres. Class 2-3, Publicity Chairman, Departmental Chairman, Rose Show 4, Debate Club 3-4, Honor-Key 3.

## Mechanicals









# S E N I O R S

## Mechanicals









ROLAND W. UPDIKE, Mechanical Arsenal Technical High School, Indianapolis, Indiana Indianapolis, Indiana A. S. M. E. 3-4, Football 3, Camera Club 3.

#### JAMES I. MASON, Mechanical

Glenn High School, Terre Haute, Indiana Seelyville, Indiana Tau Beta Pi, Tau Nu Tau, A. S. M. E. 3-4, Chairman A. S. M. E. 4, National Sec. Tau Nu Tau Rifle Club 1-2-3-4, Camera Club 4.

#### JOHN A. WILSON, Mechanical

Garfield High School, Terre Haute, Indiana Terre Haute, Indiana A. S. M. E. 3-4, Rifle Club 1-2, Radio Club 3-4, Camera Club 3-4.

#### JOHN A. RITTER, Mechanical

Bosse High School, Evansville, Indiana Evansville, Indiana Sigma Nu, Tau Beta Pi, Blue Key, A. S. M. E., Financial Sec. Student Council 3-4, Technic Staff 3-4, Class Sec.-Treas. 3, Chairman Rose Show 2, V.-Pres. Tau Beta Pi 4, Chairman St. Pat's, Glee Club 2-3-4, Honor Man 3-4, Honorable Mentions.

#### W. WHITNEY YOST, Mechanical

Girstmeyer Technical High School, Terre Haute, Indiana Terre Haute, Indiana Indiana State College 1929-30, A. S. M. E. 3-4 Camera Club 3-4, Radio Club 1-2-3-4, Rifle Club 1-2.

#### GEORGE F. STARK, Mechanical

Gerstmeyer Technical High School, Terre Haute, Indiana Terre Haute, Indiana Tau Nu Tau, A. S. M. E., Pres. Rifle Club 4, V.-Pres. A. S. M. E. 4, Chairman St. Pat's Committee 4, National V.-Pres. Tau Nu Tau 4, Commencement Committee, V.-Pres. Student Council 4, Rifle Team 1-2-3-4, Camera Club 1-2, Baseball 1-2-3-4, R. O. T. C. Captain

#### WILLIAM A. BELSTROM, Civil

Negaunee High School, Negaunee, Michigan Negaunee, Michigan North State Teachers College, Marquette, Michigan, 1928 Sigma Nu, A. S. C. E. 2-3-4, Pres. Student Council 4, Pres. Glee Club 4, Handbook 4, Basketball 1, Chairman St. Pat's Committee 4, Chairman Rose Show 4, Glee Club 1-3-4, Athletic Association 2.

ARTHUR W. TUEMLER, Mechanical Wiley High School, Terre Haute, Indiana Terre Haute, Indiana Alpha Tau Omega, A. S. M. E. 3-4, Glee Club 4, Rifle Club 1-3, Band 1-2-3.









## 1934 MODULUS

ELVIN L. EVERETT, *Civil* Garfield High School, Terre Haute, Indiana Terre Haute, Indiana A. S. C. E.

> JACK B. NICKEL, Civil Central High School, Memphis, Tennessee Terre Haute, Indiana Alpha Tau Omega, Tau Nu Tau, Modulus 2 Rifle Club 1-3, Scholarship 1-2-3.

JOHN H. KELLER, *Civil* Wiley High School, Terre Haute, Indiana Terre Haute, Indiana Alpha Tau Omega, Tau Beta Pi, Tau Nu Tau, A. S. C. E., Student Council 4, Technic Staff 3-4, President Class 4, Dance Committee St Pat's 4, Chairman Executive Committee Rose Show 4, R. O. T. C., Pres. A. S. C. E. 4, Rifle Club 3-4, Camera Club 3-4, Rose Honor Man 4.

> H. LOREN THOMPSON, Civil Wiley High School, Terre Haute, Indiana Terre Haute, Indiana A. S. C. E., Rose Show Chairman 2, Scholarship 1-3.

ALBERT GOWANS MORRISON, Civil Wiley High School, Terre Haute, Indiana Terre Haute, Indiana Alpha Tau Omega, Tau Nu Tau, A. S. C. E., Modulus Staff 3-4, R. O. T. C., Class Scrap Captain 1, Letter Man, Basketball 1-2, Football 2-3, Athletic Association 4, Debate Club 2-3, Rifle Club 3, Camera Club 3, Honor Man 3.

> ALBERT L. YATES, Civil Anderson High School, Anderson, İndiana Terre Haute, Indiana Sigma Nu, Tau Nu Tau, A. S. C. E., Class President 3, Student Council 3, Football 4, Cadet Sergeant Major 3, Cadet Captain 4, Rifle Club 1-4.

J. R. MOTZ, *Civil* Schenley High School, Pittsburgh, Pennsylvania Terre Haute, Indiana Tau Beta Pi, Blue Key, Tau Nu Tau, A. S. C. E., Technic Staff 2-3-4, R. O. T. C., Business Manager Technic 3-4, Pres. Tau Nu Tau 4, Cadet Major R. O. T. C. 4, Student Handbook 3, Social Committee 4, Rifle Club 3-4, Sec'y.-Treas. Rifle Club 4, Rec. Sec'y. TBII 4, Rea Scholarship 1-2-3-4, Honorable Mention 1-2-3, Honor Man 3.

ΜΟDULUS

NOBLE C. BLAIR, *Civil and Architectural* Louisville Male High School, Louisville, Kentucky Louisville, Kentucky Speed Scientific School, University of Louisville, 1928-29 Alpha Tau Omega, Tau Nu Tau, A. S. C. E. Modulus 3-4, President Dormitory, R. O. T. C. Cadet Captain, Camera Club.

## Civils















934

## Chemicals









#### JAMES G. BROWN, Chemical

Indiana State Training High School, Terre Haute, Indiana Terre Haute, Indiana

Alpha Tau Omega, Blue Key, Tau Beta Pi, Student Handbook Assistant Editor 1, Rose Technic Assistant Editor 2, ¢ditor 3, General Manager 4, Intramural Baseball 3, Student Council 4, Rose Show Chairman 2-4, Glee Club 4, Rea Scholarship 1-2-3-4, Heminway Medal 1, Class Honors 1-2-3, Honor Man 3-4.

#### WARD W. ENGLE, Architectural

Arsenal Technical Schools, Indianapolsi, Indiana Bloomingdale, Indiana A. S. C. E., Rifle Club 1-2-3-4, Co-winner Tennis Doubles 3, Runner-up Tennis Singles 3.

> STEPHEN P. CAULEY, Chemical Robinson High School, Robinson, Illinois Robinson, Illinois Sigma Nu, Tau Nu Tau, Alpha Chi Sigma, Football 3-4, Intramural 3-4, Rifle Club 1-2.

#### JOHN R. MATTINGLY, Architectural

Wiley High School, Terre Haute, Indiana Terre Haute, Indiana Sigma Nu, A. S. C. E., Band 1-2-3, Modulus 3-4, Rifle Club 4.

> HENRY H. DOUGLAS, Chemical Wiley High School, Terre Haute, Indiana Terre Haute, Indiana Alpha Chi Sigma, Tau Nu Tau, Class President 2, Decorations Chairman Rose Show 4, R. O. T. C., Rea Scholarship 1-2.

#### JACK NEWSON, Architectural

Worthington High School, Worthington, Indiana Worthington, Indiana A. S. C. E., Football 4, Band 1-2.

> EDWARD N. KETCHUM, Chemical Paris High School, Paris, Illinois Paris, Illinois Illinois Wesleyan University 1928-29, 1929-30, Phi Gamma Delta, Alpha Chi Sigma, Cheer Leader 4, Rose Show 4, Debate Club 3.

MODULUS

WILLIS S. BIGGS, Chemical Clinton High School, Clinton, Indiana Clinton, Indiana Theta Kappa Nu, Tau Nu Tau, Alpha Chi Sigma Modulus Staff 3-4, Interfraternity Council 1-3-4, R. O. T. C., Glee Club 1-2-3-4, Rifle Club 1-2-4, Band 1.









1934





#### ROBERT C. LARSH, Chemical

Nebraska City, Nebraska. Delta Tau Delta, Tau Nu Tau, Alpha Chi Sigma.

#### JOHN ALLAN MOORE, Chemical

Brazil High School, Brazil, Indiana Greencastle, Indaina Alpha Tau Omega, Tau Beta Pi, Alpha Chi Sigma Chairman Rose Show 4, Rifle Team 1-2.

#### JAUL R. SMITH, Chemical

Crockett Tech High School, Memphis, Tennessee Terre Haute, Indiana Tau Nu Tau, Alpha Chi Sigma, Class V.-Pres. 4, Executive Committee Rose Show 4, V.-Pres. Alpha Chi Sigma 4, Rifle Club 1-2-3.

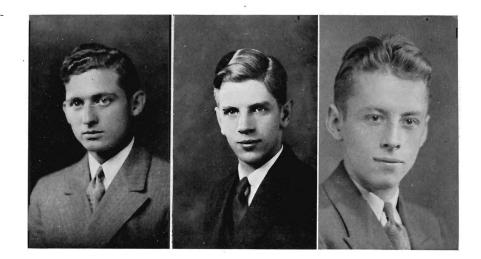


#### RICHARD K. TONER, Chemical

Wiley High School, Terre Haute, Indiana Terre Haute, Indiana Tau Beta Pi, Alpha Chi Sigma, A. C. S., Technic Staff 2-3-4, Student Handbook 3, Student Council 4, Chairman Rose Show 4, Pres. Alpha Chi Sigma 4, Debate Club 2-3-4, Glee Club 3-4, Camera Club 1-2, Rea Scholarship 1-2-3-4, Honor Man 2-3-4, Honorable Mention 3.

## 1934 MODULUS

Chemicals



## Class of 1935

One year is left-may we live every minute of it.

The class of '35 has reached the beginning of the end or, in one respect, the beginning of the beginning.

Up to now our time in Rose has been both profitable and enjoyable and we stand upon the threshold of our Senior year with great anticipation.

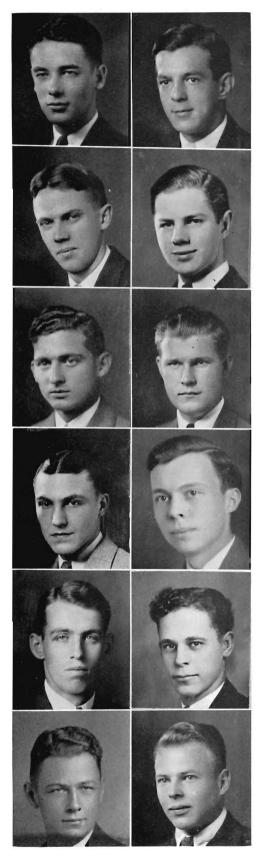
We feel that our class has contributed its share to the honor and progress of Rose. For the last three years we have been well represented in all fields of activity and school work, and we can be justly proud of all of our accomplishments.

Our freshman year passed quickly with all of its readjustments and changes; our sophomore year, though difficult, left a few survivors; and our junior year with the banquet, show and prom practically flew.

Here's to Rose, long may it prosper

Here's to the class of '35-may we all graduate.

President
Vice-President
Secretary Treasurer John Mayrose



## JÜNIORS

#### ROBERT ASBURY Mechanical

Garfield High School, Terre Haute, Indiana, Terre Haute, Indiana Alpha Tau Omega, A. S. M. E.

#### JOHN A. BRADLEY Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana Indiana State Teachers College, Summer 1932, Alpha Tau Omega, A. S. M. E., Track 1-2-3, Baseball 1-2-3, Glee Club 1-2-3, Glee Club Key, First and Second place Track Medals.

#### EARLE B. BUTLER *Civil*

Bogota High School, Bogota, New Jersey, Bogota, New Jersey Sigma Nu, Blue Key, Tau Nu Tau, A. S. C. E., Pres. Class 3, Technic Staff 2-3, Editor Stulent Handbook 2, Student Couneil 3, Rose Show Committee 3, Financial Sec. Student Council 3, Honor Man 3, Intramural Medals 2-3.

#### GEO. E. CAVANAUGH Chemical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana, Alpha Chi Sigma, Football 2-3, Baseball 1-2-3, Basketball 1-2, Rifle Club 1, Medal in Baseball 2, Letter man 2-3.

#### DEFOREST W. COLBURN Civil

Menominee High School, Menoninee, Michigan, Menominee, Michigan Sigma Nu, A. S. C. E., Football 3.

#### Јонн А. Cushman Mechanical

State Training High School, Terre Haute, Indiana, Terre Haute, Indiana Indiana State Teacher's College-Commerce, 1932, Alpha Tau Omega, A. S. M. E., Technic Staff 3, Camera Club 3, Rifle Club 1.

#### Albert L. Bard Civil

Brazil High School, Brazil, Indiana, Brazil, Indiana Theta Xi, A. S. C. E. 2-3, Athletic Board 3, Football 3, Rifle Team 2-3, Rifle Club 1-2-3.

> Gordon I, Burt *Civil*

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana Alpha Tau Omega, A. S. C. E. 2-3, Executive Committee Rese Show 3, Rose Tcchnic Staff 2-3, Debate Team 1-3, Debate Club 1-3, Camera Club 3, Réa Scholarship 1-2-3.

#### E. Ewing Carrico *Civil*

Louisville Male High School, Louisville, Kentucky, Louisville, Kentucky Sigma Nu, A. S. C. E., Junior Prom Committee 3.

#### Emmet J. Cody, Jr. Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana A. S. M. E., Modulus Staff, Camera Club.

#### NORMAN H. CROMWELL Chemical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana Alpha Tau Omega, Tau Nu Tau, Rifle Club 1-3, Rea Scholarship 2-3.

#### CLAUDE C. DIERDORF Mechanical

Brazil High School, Brazil, Indiana, Brazil, Indiana A. S. M. E., Camera Club 1, Rifle Club 1, Band 1-2.

## JUNIORS

#### WILLIAM C. EYKE *Civil*

Muskegon High School, Muskegon, Michigan, Muskegon, Michigan

Alpha Tau Omega, Tau Beta Pi, A. S. C. E. 2-3, Show Chairman 1, Football 2-3, McGregor Scholarship 3.

#### JOHN P. GIACOLETTO Electrical

Clinton High School, Clinton, Indiana, Clinton, Indiana Rifle Club 1, Radio Club 2-3, McGregor Scholarship 1-2, 5th Corps Area Award.

#### JAY F. HALL Electrical

Heights High School, Cleveland, Ohio, Cleveland, Ohio Sigma Nu, Tau Nu Tau, A. I. E. E., Class V.-Pres. 2, Technic 2-3, Junior Prom Chairman 3, Glee Club 3.

#### LOUIS W. HECK Civil

Concannon High School, West Terre Haute, Indiana, St. Mary of the Woods, Indiana, Sigma Nu, A. S. C. E., Modulus 3, Camera Club 2-3, Second prize Civil Department Rose Show 3, Third prize Rose Show 3.

#### JAMES H. HOFFMAN Chemical

Fontanet High School, Fontanet, Indiana, Fontanet, Indiana Indiana State Teachers College, 1930, Purdue University, 1931, University of Minnesota, 1932 Alpha Chi Sigma.

#### Russell Kerr *Civil*

Carmel High School, Carmel, Indiana, Indianapolis, Indiana Chairman Drawing Department Rose Show 3. JOHN J. FULLFR Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana Theta Kappa Nu, A. S. M. E. 3, Rifle Club 1-2-3, Band 1-2-3.

#### JOHN J. HAGER Chemical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana, Alpha Tau Omega, Tau Nu Tau, Rose Technic 2-3, Ediror 3, Scholarship 1.

#### E. A. HAMILTON Civil

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana Indiana State Teachers College 1931, Sigma Nu, A. S. C. E. 2-3, Debating Club 3, Rifle Club 1-2, First prize Civil Department Rose Show 3.

#### ARTHUR W. HESS Civil

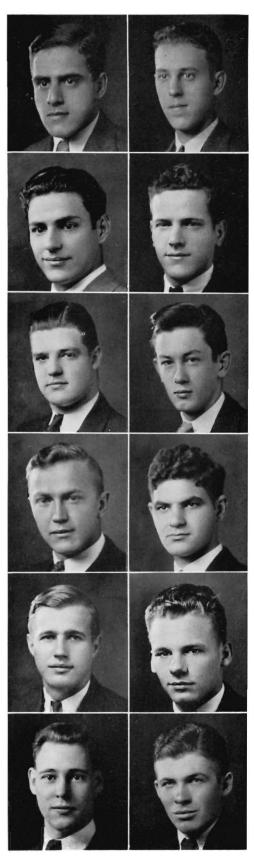
Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana Tau Beta Pi, Tau Nu Tau, A. S. C. E., Technic Staff 2-3, Basketball 1, Rifle Club 1-2-3, Rea Scholarship 1-2-3, Honorable Mention 2.

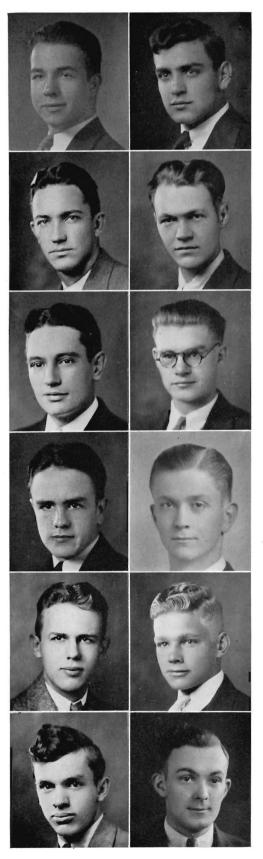
#### ALBERT L. JAMES Chemical

State High School, Terre Haute, Indiana, Terre Haute, Indiana Tau Nu Tau, Glee Club 3, Rifle Team 1-2-3.

#### JOHN K. LOMAN Mechanical

Cutler High School, Cutler, Indiana, Cutler, Indiana A. S. M. E. 3, Rifle Club 1-2, Camera Club 3, Band 1-2-3.





## JUNIORS

Louis Lyon Chemical

Garfield High School, Terre Haute, Indiana, Terre Haute, Indiana

Alpha Tau Omega, Alpha Chi Sigma, Football 3, Intramural Baseball 2-3, Rifle Club 1-2-3, Football letter 3, Baseball Medal 2.

#### BURRII. F. MCINTYRE Electrical

Brazil High School, Brazil, Indiana, Brazil, Indiana Alpha Tau Omega, Tau Nu Tau, A. I. E. E., Chairman Rose Show 3, V.-Pres. Rifle Club 3, Rifle Club 1-2-3, Rifle Team Letter 2-3, Shourds and Prox Awards.

#### BERNARD P. MELTON Civil

Garfield High School, Terre Haute, Indiana, Terre Haute, Indiana Sigma Nu, A. S. C .E., Modulus 3.

> CARL NELSON Mechanical

Lawrenceville Township High School, Lawrenceville, Illinois, Lawrenceville, Illinois Sigma Nu, A. S. M. E., Athletic Representative 1.

> BERT L. PEARCE Mechanical

Wiley High School, Terre Haute, Indiana; Terre Haute, Indiana Alpha Tau Omega, A. S. M. E., Modulus 3, Secretary-Treasurer Camera Club 3, Camera Club 2-3, Glee Club 3.

#### PAUL PRESNELL Electrical

Van Buren High School, Indiana R. R. 5, Terre Haute, Indiana A. J. E. E. 3.

#### John H. Welsh Mechanical

Louisville Male High School, Louisville, Kentucky, Louisville, Kentucky Alpha Tau Omega, Tau Nu

Tau, A. S. M. E., Football Manager 1-2-3, Glee Club 1-2-3, Camera Club 3.

#### Albert V. McEowen Civil

Arsenal Technical Schools, Indianapolis, Indiana, Indianapolis, Indiana

Tau Beta Pi, A. S. C. E. 2-3, Show Chairman 1-3, McGregor Scholarship 2-3, Heminway Medal 1.

#### KARL L. MASON Mechanical

Van Buren High School, Brazil, Indiana, Brazil, Indiana A. S. M. E., Camera Club 2-3.

#### PAUL C. MONTGOMERY Electrical

Shelbyville High School, Shelbyville, Indiana, Shelbyville, Indiana A. I. E. E., McGregor Scholarshin L.

#### E. FREDERICK NEWMAN Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana Theta Xi, A. S. M. E., Rifle Club 1-2, Glee Club 2.

#### WILLIAM S. PRATT Civil

Brazil High Scheel, Brazil, Indiana, Brazil, Indiana Alpha Tau Omega, A. S. C. E., Tau Nu Tau, Rifle Club 1-2-3, Scholarship 1.

#### CARL PRICE Chemical

Garfield High School, Terre Haute, Indiana, Terre Flaute, Indiana Theta Xi, Class Sec.-Treas. 1, Class Pres. 2, Student Council 2, Baseball Medal, Basketball Medal.



## JUNIORS

#### HAROLD REINTJES Chemical

Indiana State High School, Terre Haute, Indiana, Terre Haute, Indiana Tau Nu Tau, Rifle Club 1-2-3, Rea Scholarship 1-2-3.

#### HARRY H. RICHARDSON Mechanical

Cleveland Heights High School, Cleveland, Ohio, Cleveland, Ohio Sigma Nu, Tau Nu Tau, A. S. M. E., Class Pres. 1, Athletic Board 2-3, Technic Staff 2-3, Football 1-2-3, Basketball 1, Recording Sec. Student Council 1, Student Council 1, Glee Club 2-3, Honor Man, Intramural Medals.

#### VIRGIL SHAW Civil

Miami Senior High School, Miami, Florida, Coral Gables, Florida.

Alpha Tau Omega, A. S. C. E. 2-3, Modulus 2-3, Assistant Editor 3, Camera Club 3, Glee Club 3, Second prize Civil Department Rose Show 3, Third prize Rose Show 3.

> JOHN A. STRAW Electrical

Clinton High School, Clinton, Indiana, Clinton, Indiana Radio Club 1-2-3.

#### NELSON B. TRUSLER Electrical

Shortridge High School, Indianapolis, Indiana, Indianapolis, Indiana

Theta Xi, Tau Nu Tau, A. I. E. E., Technic 3, Radio Club 1-2-3, Camera Club 3.

#### JOE B. WLAVIR Chemical

Marshall Township High School, Marshall, Illinois, Marshall, Illinois

Alpha Chi Sigma, Modulus 2-3, Camera Club 1-2-3, Radio Club 2, Rifle Club 1, McGregor Scholarship 1.



HAYDEN RICHARDSON Civil

West Baden High School, West Baden, Indiana, West Baden, Indiana Sigma Nu, A. S. C. E., Tau Nu

Tau, Basketball 1.

ROBERT W. SELL . . . Electrical

Hymera High School, Hymera, Indiana, Terre Haute, Indiana Theta Kappa Nu, Modulus 3, Radio Club 1-2-3.

> WAYNE A. SIEGELIN Electrical

Brazil High School, Brazil, Indiana, Brazil, Indiana A. I. E. E., Rifle Club 1, Camera Club 1, Radio Club 3.

> BYRNE TERHORST Mechanical

Wiley High School, Terre Haute, Indiana, Terre Haute, Indiana Sigma Nu, A. S. M. E., Rifte Club 1-2.

> NORMAN TUCKER Chemical

Garfield High School, Terre Haute, Indiana, Terre Haute Indiana Foctball 2-3, Intramural Baseball 2-3, Letterman 3, Baseball Medal 2.

> ERNEST J. WELSH Mcchanical

Louisville Male High School, Louisville, Kentucky, Louisville, Kentucky Alpha Tau Omega, A. S. M. E., Sec.-Treas. Class 2. Camera Club.

> Fred Wiles Mechanical

Struthers High School, Struthers, Ohio, Struthers, Ohio Fenn College, Cleveland, Ohio, 1930-1931, Alpha Tau Omega, A. S. M. E., Football Manager 1-2-3, V.-Pres. Class 3, Junior Show Chairman.



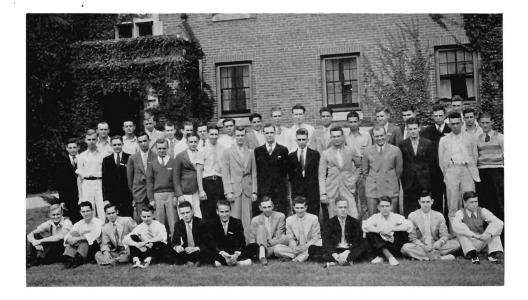


### Class of 1936

President	8.00			5.8	 ÷	•	83		8	 ÷			ě				Rл	Y	Lau	GHL	.1N
Vice-President		× 4					λ.,			 		. a	ē		J	O	ΗN	W	Инг	TESE	LL
Secretary-Treasurer					 					 	a					.]	MA	RT	IN	Lor	١G

Bennett, Paul D. Blair, Francis M. Campbell, James Creal, William R. Denehie, Edward Duenweg, Louis Evinger, Charles T. Forte, John A. Garmong, Harry E. Harrod, Raymond J. Hopewell, Robert Howard, Edward E. Hufford, James F. Kasameyer, William E. Laughlin, Raymond R. Leever, Edward B. Long, Martin Lyon, Hubert Macdonald, Charles E. McKee, Paul H. Mann, John W.

Marks, J. Robert Merriman, Carroll R. Metz, Richard C. Mewhinney, Albert B. Modesitt, Fred W. Moore, Wilmot S. Mueller, Eugene J. Overholser, Daniel Pearson, Byron Roberts, Jack Salisbury, Neil A. Sentman, Warren S. Spain, Richard W. Staley, William G. Tait, Samuel Utter, J. Lyon Waddell, Robert A. Walker, Joseph H. Weinbrecht, Albert M. West, John B. Whitesell, John E. Wilber, Eugene W.



## Class of 1937

President	George Landenberger
Vice-President	EARL CROMWELL
Secretary-Treasurer	WILLIAM BATMAN

Averitt, Robert A. Batman, William E. Blount, Frank E. Bond, Robert E. Carroll, Lawrence Cartwright, Phillip Coons, Edward A. Courtney, Benjamin G. Cox, Stanley L. Cromwell, Clyde E. Cromwell, Earl T. Dillahunt, Joseph A. Donie, Roland A. Foley, Alden B. Ford, F. Duane Fox, John W. Garzolini, Alechi F. Giffel, Paul E. Halberstadt, Harry J. Hatcher, James J. Hehman, Donald T. Heltsley, John H. Huff, William R. Hughes, James A. Jacobson, John M.

Johnson, Forrest O. Juntgen, Walter W. Koos, Stephen Kristan, Paul F. Landenberger, George Lindsey, Robert L. Lotze, Albert Luken, Walter Mohr, Howard Raynes, Burt F. Rich, Charles F. Richardson, John R. Ricketts, John T. Rotz, Rhiman Sears, Robert I. Smith, Morris D. Smith, W. Stuart Snedeker, Walter R. Stineman, John B. Tappan, Warren M. Wells, Thomas N. White, Robert W. Wischmeyer, Carl R. Wittenberg, Hubert Wodicka, Edward J.

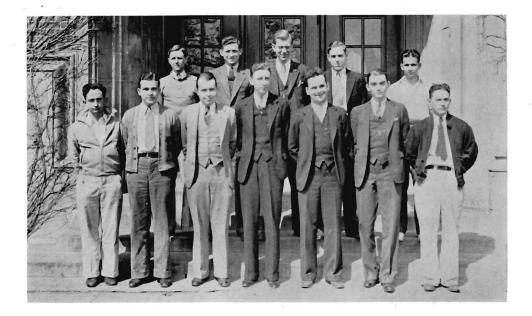
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## Activities

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## Student Council



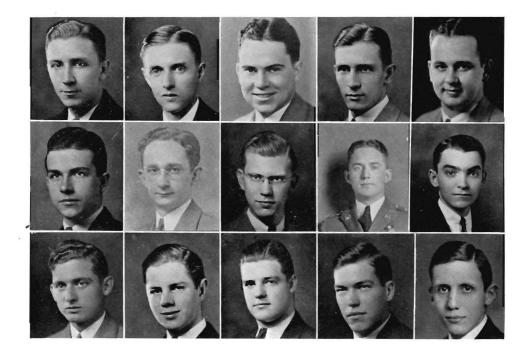
The Student Council is composed of 13 members. These members are the presidents of the various organizations on the campus and one man elected to serve as Financial Secretary. The Council serves to control the Student activities and to arbitrate where such action is necessary. Along with the administrative duties, the Council gives the St. Pat's dance. This dance is one of the traditions of Rose that has been kept intact and will most likely always be a part of the activities of the students. The members for this year are:

> Russell Archer William Belstrom James Brown Earle Butler John Keller Raymond Laughlin Jackson Landenberger

George Landenberger Frank Mansur Jack Ritter George Stark Howard Staderman Richard Toner

act Sim

### Rose Honor Men

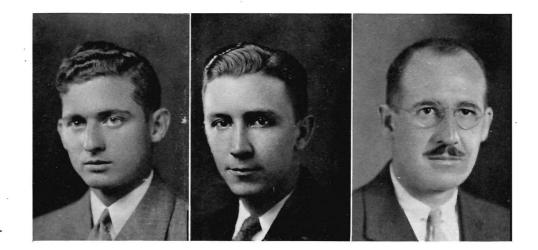


The Rose Honor Key is awarded to those men on the campus who have achieved outstanding recognition in diversified extra-curricular activities. These men are selected from the applicants for this award by the Student Council. There are honor points that are awarded for different achievements and offices in the student activities and if a man earns 20 of these points in one year or 50 in four years he is eligible for a key. The honor awards for this year are:

.......

William Belstrom Gordon Burt Earle Butler Jack Foulkes Jay Hall Brent Jacob Jack Keller Jackson Landenberger Frank Mansur Harry Richardson John Ritter Warren Sentman George Stark Richard Toner

## The Handbook



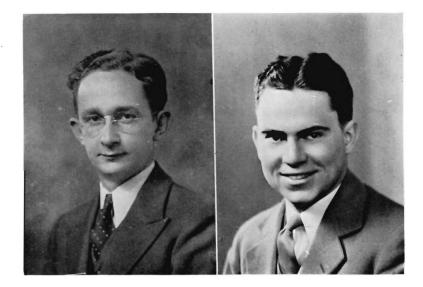
The Handbook was originally published by the student Y. M. C. A. but when this organization was dropped from the campus the Student Council took over the publication of the handbook. New students particularly appreciate the handbook as it has an abundance of very valuable information about the school and student affairs. It was originated primarily for the freshmen but is valuable to any student.

The 1933-34 staff was:

Earle Butler		Editor
William Belstrom	Associate	Editor
J. Robert Motz	Associate	Editor

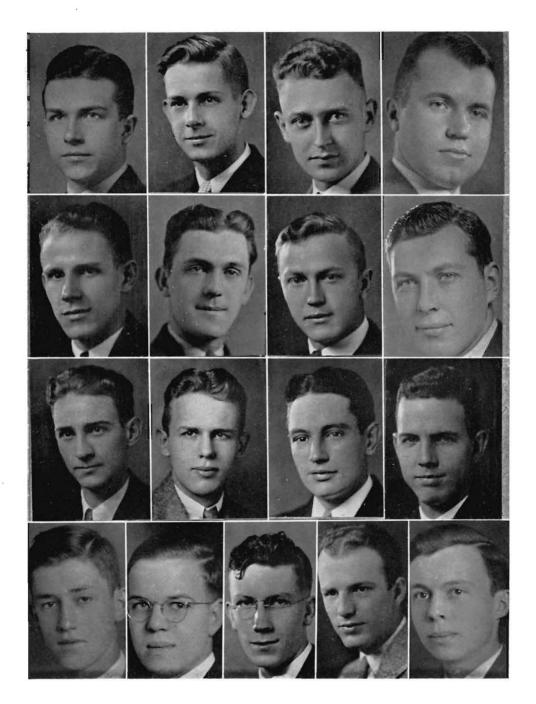
a Carolina

## Modulus

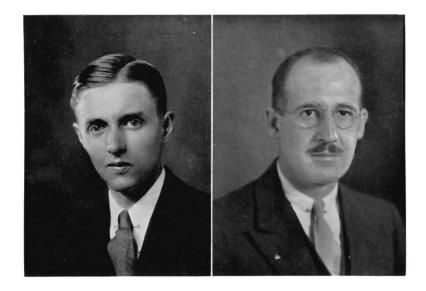


Frank Mansur
JACK H. FOULKES, JR Business Manager
JACKSON LANDENBERGER
Gene A. Zwerner
JOE WEAVER
Howard Stadermann
VIRGIL SHAW
JOE WALKER
LOUIS HECK
A. G. MORRISON Atbletic Editor
JOHN MATTINGLY
Bert Pearce Junior Sales Manager
Bernard Melton
N. C. BLAIR Assistant Business Manager
Harry Garmong
PAUL GIFFEL
ROBERT SELF
WILLIS BIGGS Assistant Advertising Manager
EMMET CODY Assistant Advertising Manager

## Modulus

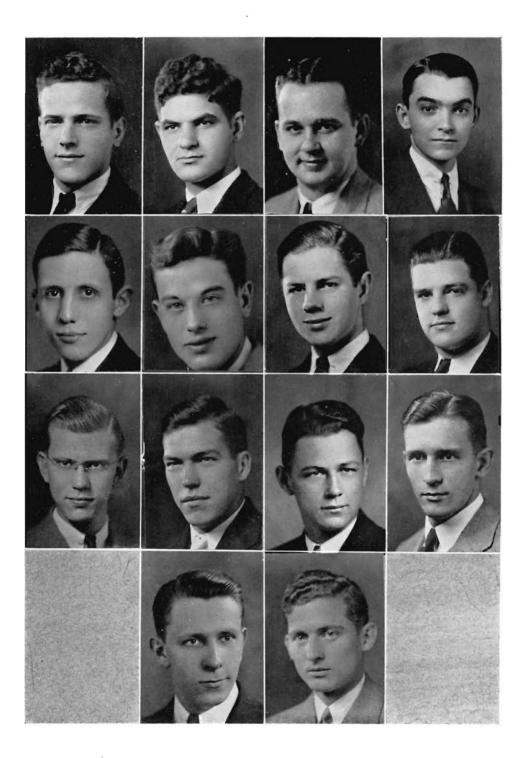


## Technic Staff



JAMES G. BROWN
J. ROBERT MOTZ Business Manager
John Hager Editor
ARTHUR HESS Associate Editor
JOHN KELLER Circulation Manager
Richard Toner
WARREN SENTMAN
DANIEL OVERHOLSER
GORDON BURT
JAY HALL
JOHN RITTER
HARRY RICHARDSON
JOHN CUSHMAN
BRENT JACOBS Assistant Advertising Manager
NELSON TRUSLER
EARLE BUTLER Assistant Circulation Manager

## Technic Staff



## A. I. E. E.



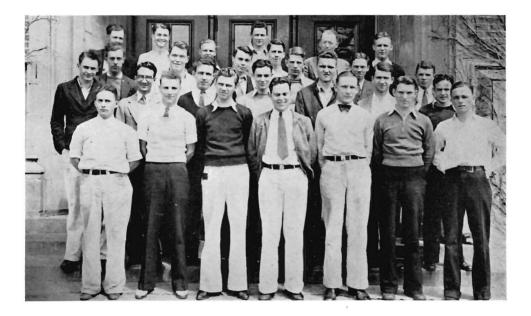
The Rose Polytechnic Student Branch of the American Institute of Electrical Engineers was one of the most active organizations on the campus this Spring. Guests from Purdue and the University of Illinois Student Branches and several from the Indianapolis Lafayette Section were entertained at the annual tri-school meeting and 50th anniversary meeting of the A. I. E. E. held here on April 14, 1934. A very fine program was presented and followed by a dinner at the Woodrow Wilson Junior High School. In the afternoon the guests were taken on inspection trips to the Dresser Power Plant and the large electric shovel in Staunton.

The officers for this year are:

Professor C. C. Knipmeyer	Counselor
FRANK MANSUR	Chairman
HENRY FICK	-Treasurer



### A. S. M. E.



Rose Polytechnic Institute has had an active student branch of the A. S. M. E. since 1926. The membership is limited to the juniors and seniors taking Mechanical Engineering.

The activities of the branch consists of inspection trips and meetings with programs by the different students. Many of the members of the branch gave interesting technical reports on different allied engineering subjects.

JAMES MASON President
George Stark
Ronald Updike
Arthur Tuemler

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#### A. S. C. E.



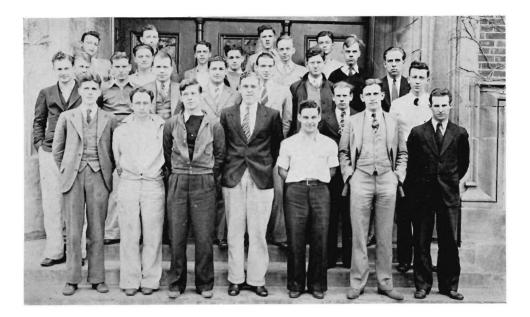
The American Society of Civil Engineers was founded in 1852 which makes it the oldest national engineering society in the United States. The purpose for which it was organized is the advancing of civil and architectural engineering knowledge. There are now 87 Student Chapters affiliated with the Society. All Juniors and Seniors are entitled to membership of the Student Chapter at Rose, which was installed at the school in 1921.

The Rose chapter has had several educational lectures this year. Mr. M. R. Keefe, Chief Engineer on the Athens water supply construction, gave a very interesting lecture on the installation of the Athens Water Supply System, and Mr. Hubble, a member of the Indiana State Highway Commission and an Alumnus of Rose Polytechnic, explained the installation of a patented metal fill retainer on a fill slide of a road in the southern part of the State. There were also a number of interesting talks given by members of the faculty in the Civil Department.

It is of interest to state that the President of the American Society of Civil Engineers, Alonzo J. Hammond, is a Rose alumnus of the class of 1889 and that Professor R. L. McCormick, faculty sponsor of the Rose Student Chapter, is a member of the A. S. C. E. Committee on Student Chapters.

John Keller	President
Earle Butler	
Professor R. L. McCormick	Faculty Sponsor

#### Radio Club



The Rose Radio Club concentrated its attention on two things this year. The most important was the Rose Show and the other was W9NAA. This station is an official club station of the American Radio Relay League.

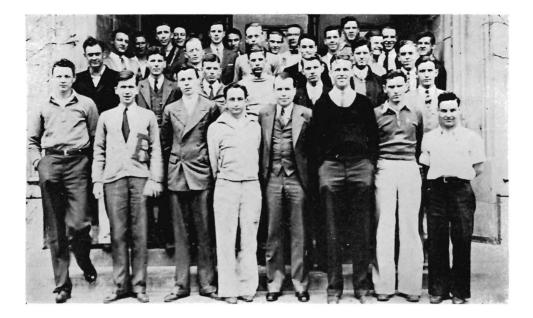
During the meetings of the Radio Club, very interesting talks were presented by the members of the faculty and students. These discussions covered the current interests of radio and its closely affiliated branches. Some of the members mastered the code and were able to receive and transmit messages over the club's station.

The club presented several fine displays at the Rose Show. Some of these were: Radio Station W9NAA, Ultra Short Wave Broadcasting, Vacuum Tube Display, Remote Control by Radio, Radio Organ, and Radio Testing Equipment.

Throughout the winter months Mr. Hunter broadcasted code lessons over the amatuer phone station W9NBZ. These code lessons were received all over the middle west and were greatly appreciated by the amatuers trying to learn the code. At the present time the club is building a crystal controlled oscillator for the transmitter.

RUSSELL ARCHER President
MARTIN LONG Vice-President
JACK STRAW
DR. B. A. HOWLETT Faculty Advisor

#### Camera Club



During the last year the Camera Club has become interested in motion picture photography. A one-reel motion picture film of Rose was made of campus scenes and activities, with titles inserted that gave the film a finished appearance. This film has been shown to the various Rose Tech Alumni Clubs in the East and has received favorable comments from its reviewers.

A picture contest was held and prizes were awarded to the outstanding pictures that were made by student members of the club. Some very valuable and useful photographic prizes were awarded to the winners of the contest.

The club has two large and well equipped dark rooms in the main building and any interested student can find a fellow student that is able and willing to give the novice the benefit of his experience in getting started. The value of photography to the engineer should be recognized by students and the opportunity offered in club membership should be availed.

Howard Stadermann Press	ident
FRANK MANSUR	ident
Bert Pearce	isurer

#### Glee Club



Under the excellent direction of Clyde Bennett, the Glee Club has had a very successful year. In addition to singing at the assembly, the choristers appeared at several churches, high schools, and sang over the Radio Station WBOW. Many engagements were cancelled because of conflicting dates and lack of time, as the club has made appearances almost every week.

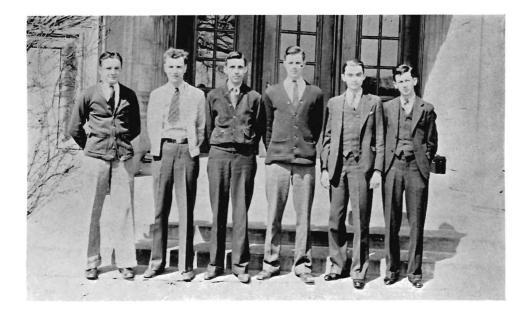
This year the club was very fortunate in having as a guest soloist Miss Dorothy McCullough, a collalura soprano.

The glee club affords an opportunity to those students who like to sing and are willing to spend a few hours each week for practice.

The enthusiasm that was shown for the glee club indicates that it is likely to become one of the outstanding activities of the campus.

William Belstrom	President
Wendell Templeton Vice-	-President
Brent Jacob	Manager

#### Debate Club



One of the most successful years since its organization has been enjoyed by this year's Debate Club under the direction and guidance of Prof. John L. Bloxsome, the club's faculty advisor.

This year's subject was "Resolved: That the present Japanese policy in the Far East should be approved." This subject was debated at the fourth Annual Invitational Debate Tournament for colleges and universities held at Manchester College, February 23 and 24. Both Rose teams participated, the affirmative winning one out of five debates and the negative winning four out of five. Following the Manchester Tournament debates were held with Hanover and Oakland City.

The members of the teams this year were:

Affirmative: Coons, Sentman, McGurk.

Negative: HAMILTON, TONER, BURT.

Officers of the club are:

RICHARD K. TONER	lent
Harry McGurk Secretary-Treas	ırer
PROF. JOHN L. BLOXSOME	isor

### Rifle Club



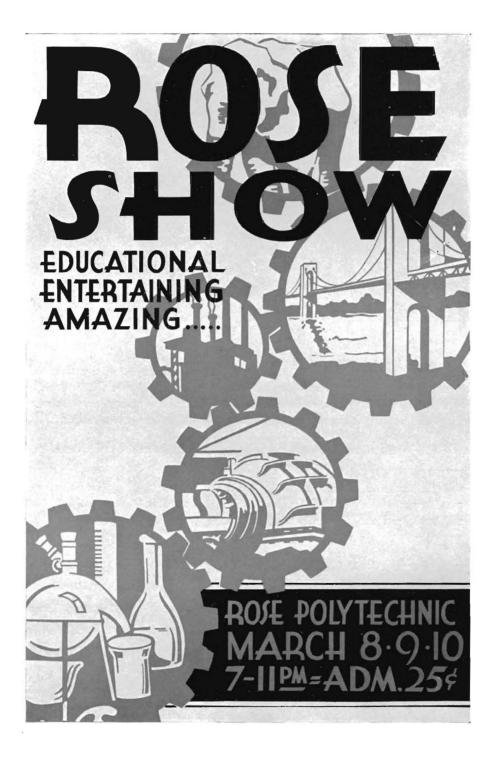
The Rose Rifle Club, organized in 1914, is now one of the outstanding organizations on the campus, having a membership of about one-fourth the student body. Membership is open to all students and the indoor range is open from December to March. Due to such a large enrollment, work has been started to enlarge the range which, when completed, will double its present capacity.

The purpose of the Club is to promote small bore rifle practice and supply teams for competition with other schools of the United States.

During the past season the Club entered an R. O. T. C. and a Varsity team in intercollegiate postal matches and certain special matches such as: the National Hearst Match, the American Society of Military Engineers Match, and the Fifth Corps Area Match.

George Stark President
B. F. MCINTYRE Vice-President
J. R. Motz
LIEUT. GARGES
WARRANT OFFICER SYLVESTER KEARNS





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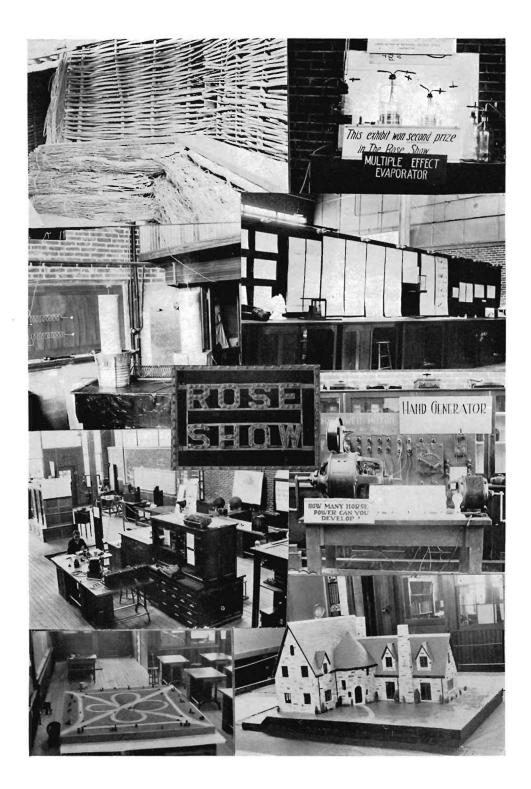
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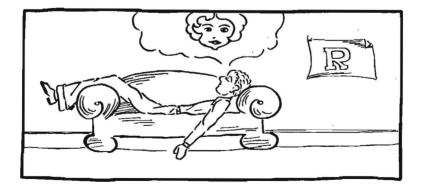
The first Rose Show was held in 1928. It was such an outstanding success that a similiar show has been held every other year since that time. There was considerable discussion as to the advisability of having a Show this year because of the reduced enrollment and the possible lack of support from the public because of financial conditions. It was finally decided to hold the Show and the success was even greater than was anticipated. The administration of the Show was a great deal different this year than any of the previous years. Previously the exhibits were under the direct supervision of the faculty and many of them were conceived by the professors and instructors. This year the Show was necessary. The Executive Committee having three members, John Keller, Chairman, Gordon Burt, and Paul Smith, had the ultimate jurisdiction over all matter pertaining to the Show. The very excellent administration of these men and the sub-committees was largely responsible for the success of the Show.

The Show was held March 8, 9, and 10. Although the weather was not as nice as it could have been, the Show was very well attended and was successful in every respect. The success of this years Show will probably be a major factor in establishing the Show as an intregal part of the college's activities.



#### Freshmen Days

The first taste of college social life was presented to those ambitious youngsters entering the institute for a hard four years with plenty of fun and plenty of work during the Freshmen Days. They began with the registration on Tuesday Morning, September 12, at 9:00 a. m. Following the intricacies of matriculation and the thrill of realizing the fact that they had actually become one of those notorious "Fighting Engineers", the Freshmen were entertained with a meal in the dormitory. Many friendships were formed during these first few hours that have lasted all year and will last for many years to come. After the Freshmen had become acclimated to the school and its many unique features, they were entertained by a smoker given for the Freshmen by Blue Key. At this smoker the "plebes" were given an opportunity to become acquainted with a few of those mighty upper classmen who after all proved to be entirely human. The faculty members also attended this smoker and mingled with the new students much to their surprise. These first days at Rose will always be remembered and the friendships formed during them will last a great deal longer than the duration of the college life.



#### Military Ball



The annual Military Ball was presented this year by the Rose Chapter of Tau Nu Tau. Joe Saunders band furnished the music for a very lovely dance. The Military Ball is a firmly established event of the social calendar and it is always the climax of the winter social season. The glamour of fine music and dainty formals hetrogeneously mixed with the hard and strict uniforms of the Military officers presented a dance scene entirely unique from any of the other dances of the year. This years Military Ball was very well attended and there is a chance that it may be the last one to be held at Rose.

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#### Blue Key Dance

This years members of the Blue Key chapter at Rose have shown a great interest in the advancing ideas that might be for the betterment of the school. The results of one of these ideas was the desire to establish a smoking room in the main building; sometimes it is very cold to step outdoors for a smoke between classes. To make a room meet the requirements to permit smoking called for the expenditure of a sum of money that must be acquired from some other source than the treasure of the fraternity. A Rose dance is always a successful affair, and such a dance can be made to pay a revenue, if it is so desired. Thus the Blue Key dance became one of the social activities of the school during the past year.

The dance was held in the school gymnasium on the evening cf February 16, 1934 with the Baxter-Brown orchestra playing the music. It was a new experience for most of the students to attend a dance held in the gymnasium; as it has been a number of years since a student group has used the gym for a dance. The decorations were very effectively carried out with the school colors of rose and white for the main theme. The fraternity color of blue was used in the decoration of the lights which were automatically dimmed and brightened throughout the evening.

The dance was well supported by both the students and the general public, and it had the desired qualities that go to make a dance an annual activity.



#### Interfraternity Dance

For years there has been a desire for an Interfraternity Dance at Rose. The hope for such a dance was always expressed in the "Handbook" under the section on social activities. As there was no homecoming football game this year, there was no Home-coming Dance. When the usual time drew near for the Home-coming Dance the students saw that a substitute dance was needed; so the four social fraternities on the campus planned for the long talked of Interfraternity Dance to be held on Saturday evening, October 12, 1933, which was near the usual time for the Home-coming Dance.

The dance was held in the Trianon Ballroom with Percy Carson's Chicago orchestra furnishing the music. The illuminated replica of the pins of the four fraternities were placed around the band shell, and each fraternity had a large table for their group that attended the dance. The general public gave such good support to this dance that it is certain to be mentioned in the next year's "Handbook" as an annual dance of the school.

### Junior Prom



For the first time in three years the students of Rose had a Junior Prom. This dance was unquestionably the finest dance of the school year and was very well attended. Joe McCartney's orchestra played for the dancing and it was the opinion of everyone that the music was as fine as any that has been at a school dance this year. The South Club was beautifully decorated in blue and silver for the occasion and the weather was as nice as could be hoped for. The dance was given by the Class of '35 and the success of this dance should make it an annual affair from now on. Even with a very crowded social calendar for the spring season, the students supported the dance very well and nothing but favorable comments were heard among either the students or their guests.

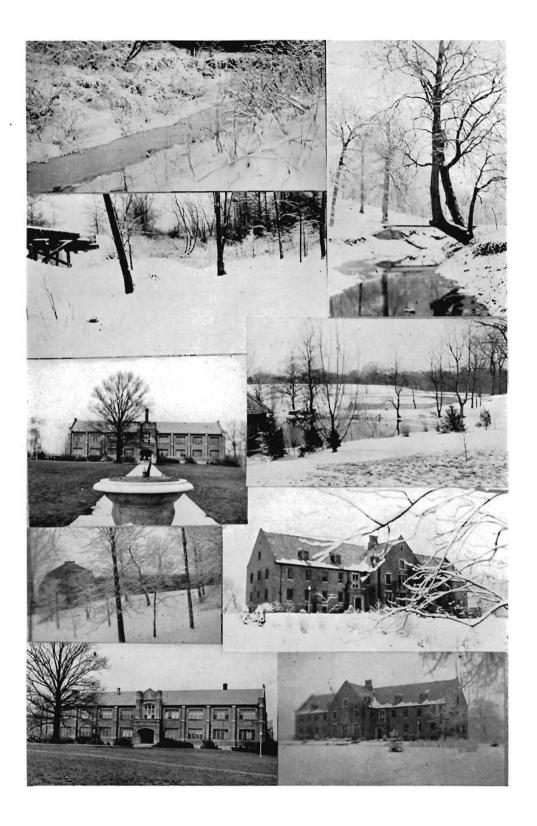
#### St. Pat's Dance

There is probably no other one day on the entire school social calendar that is as well established as St. Pat's Day. St. Pat was an engineer and that makes him a good fellow in the heart of every student of Rose and he will always be. The dance was held in the Terre Haute House this year using the entire lower floor and the ballroom on the second floor. Tables arranged in cabaret style presented a novel and effective arrangement. Music by Slim Lamar and his band was really very good and the dance was a success as all St. Pat's dances have been. Balloons arranged in streamers and in a huge green and white shamrock transformed the dignified lobby into a festive and gay ballroom besides furnishing a great deal of entertainment for the guests when they were torn down.

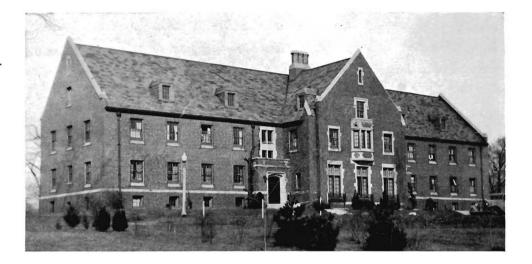


#### Commencement

President's Reception Friday, June 1s WYGENWOOD, 4:00 p. m.
Senior Reception and Dance Friday, June 1s Rose Polytechnic Gymnasium, 9:00 p.m.
Commencement Exercises Saturday, June 2nd Rose Polytechnic Institute, 10:00 a.m.
Luncheon
Alumni Association Meeting
Faculty-Senior Baseball Game
Alumni Association Diner



#### The Dormitory



The out of town students that live at the dormitory or Deming Hall as it is called in memory of Demas Deming, are very fortunate in having Mr. and Mrs. Hopkins as the supervisors of the dormitory.

All of the freshmen from out of town are required to live in the dormitory and to many of them the experience of being away from home is a new one and many unanticipated difficulties are encountered. It isn't long until these difficulties become fewer and fewer and the friends become more and more numerous. N. C. Blair was the president of the Dormitory Association this year.



#### Military Department

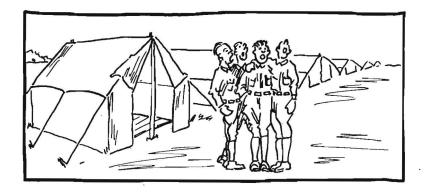
The course in Military Science and Tactics is given at Rose Polytechnic Institute under the direct supervision of the War Department through officers of the United States Army. The basic course is offered the first two years and is open to all freshmen and sophomores. The advanced course is limited to those chosen from the applications and is open only to juniors and seniors. Until two years ago, this work was required at Rose but it is now on an elective basis.

There are two companies in the Engineers Unit at Rose this year. The staff officers are:

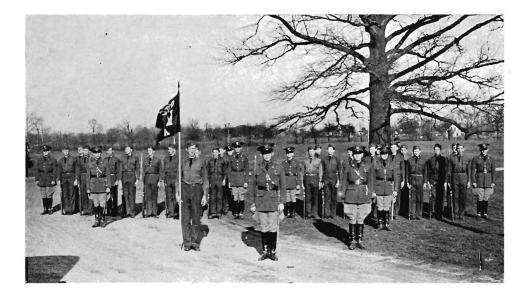
Cadet Major and Battalion Commander J. R. Motz
Cadet Captain and Battalion Adjudant
Cadet First Lieutenant and Bn. Supp. Off A. G. MORRISON
Cadet Master Sergeant and B. Sgt. Major EARLE BUTLER

The instructors in Military Science and Tactics are Captain Joseph Stevenson and Lieutenant Philip Garges, the attached officer is Warrant Officer Sylvester Kearns.

Senior officers not with companies, Cadet Captains Noble Blair and George Stark. Cadet 1st Lts. Steven Cauley, John Keller, Willis Biggs, and Jackson Landenberger.



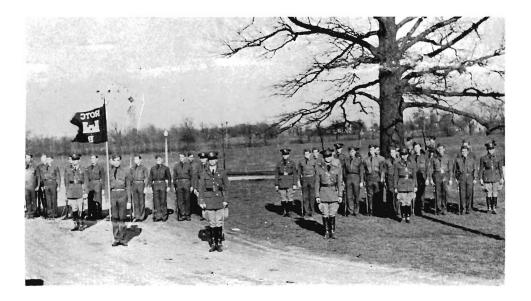
## Company A



#### CADET OFFICERS

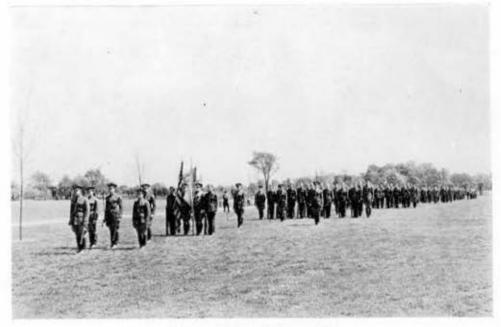
Captain Albert YAT
First Lieutenant and second in command J. I. MASO
First Lieutenants
First Sergeant
Staff Sergeants Arthur Hess, Albert Jami
Sergeants

## Company B



#### CADET OFFICERS

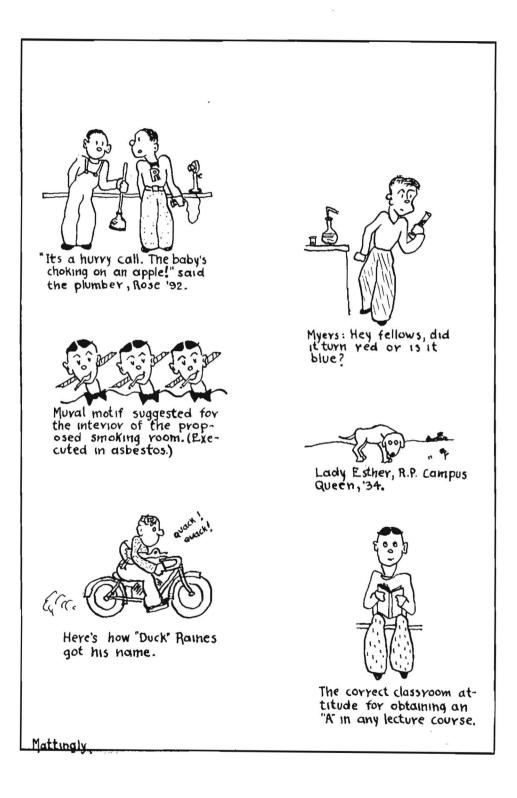
Capt	ain
First	Lieutenant and second in command
First	Lieutenants
First	Sergeant
Staff	Sergeants William Pratt, Harold Rientges
Serge	eants

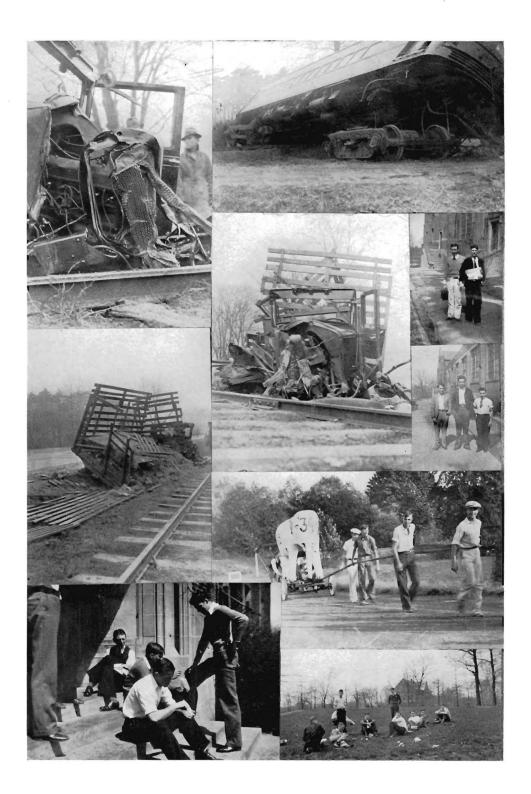


### Battalion Parade



Combat Problem



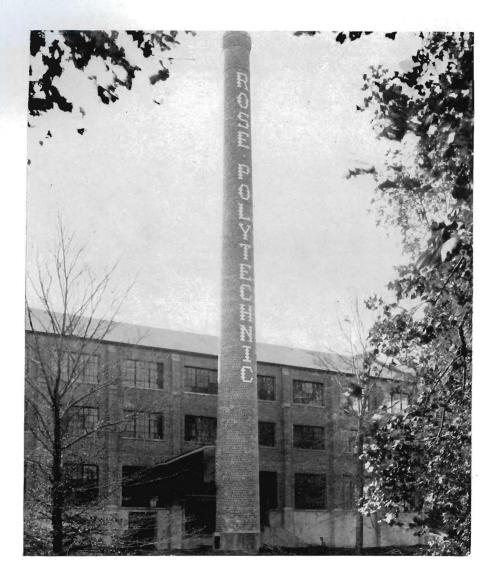


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# Athletics

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#### Athletic Association



The athletic board consists of two members elected from the four classes in school to which the student management of athletics at Rose is invested. The athletic board elects its president, who has a seat on the Student Council, and a secretary. The athletic board controls athletics in all forms and is entrusted with the care of the athletic grounds and equipment. Also, upon the recommendation of the coach, the athletic board awards the letters and sweaters. The officers this year were:

LANDEN	BERGER	 	 President
Fox	******	 	 Secretary

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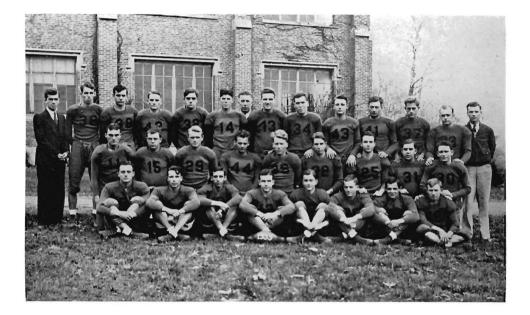
#### Coach Brown

Coach Phil Brown, known to all the students as Coach, was graduated from Butler College in 1923, after starring in three major sports. Football was and still is, his favorite sport, and it is the love for this sport that has contributed much to his success as a Coach. Before coming to Rose Brown had coaching experience at Marshall, Illinois, high school, Multnomah Athletic Club of Portland, Oregon, and Washington College at Chestertown, Maryland. At Rose, Brown has had much success as he has built up the reputation of its football teams until they are now on a par with any secondary team in the state. This past season has been a tough one, losing every game, but judged over the last four years Rose has had a most successful record.

Coach is one of the few coaches in the game today that has the ability to suit the style of play to fit his material, and it has been this ability that has put Rose in the limelight. It takes a man of tact and mental fortitude to keep such discipline and yet command the respect of such small squads as he had at his disposal. In appreciation of his faithful and conscientious work Brown was awarded an "R" this past fall.

Under Brown's administration intramural athletics have been fostered. He is also leader in any activity which confronts either the school or the Community of Terre Haute. During the past year he was publicity manager for the Rose Show and also had charge of the government F. E. R. A. work at school this spring, and in these jobs he maintained the unserving loyalty that characterizes him on the gridiron. He is a leader, and yet, the servant of the students.

#### Rose Tech's 1933 Football Squad



"The Fighting Engineers" team never more fully deserved that name than did the 1933 edition of Rose Tech football squad. The team despite repeated setbacks came into each successive game as if they had a clean slate and were battling to keep it unsullied.

When Coach Brown began to piece together his team in the spring practice, he seemed to have a combination that would click. Then, with the end of the spring semester four varsity letter men and two reserves, all linemen, were declared ineligible for competition. This was a blow to the team's morale.

"Coach" was then faced with the problem of building a team out of inexperienced material, and as a result, he was forced to do a great deal of experimenting and shifting with his men in order to hit upon a winning combination. He seemed to have done this on several occasions only to have the team let up momentarily and permit their opponents to make the winning score. We only hope the future Rose teams display the fighting qualities and fine sportsmanship the way that the team of this year has done.

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#### Varsity Football Records

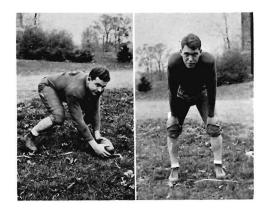
1.		Football Schedule	
		and Results	
Rose	0	Oakland City	19
Rose	6	Hanover	12
Rose	6	Wabash	20
Rose	0	Evansville	19
Rose	0	Franklin	20
Rose	0	Gary	12
Rose	13	Earlham	46
Rose	19	State	38

The first game of the season showed indications of what a handicap inexperience was to be for Rose, as Oakland City upset the Engineers in the opening tilt by the score of 19 to 0. In the next two games Rose looked 100% better, and played their opponents to a standstill. In the second game of the season Rose was defeated by Hanover 12 to 6 after holding the strong Hilltoppers for three-quarters of the game only to have a couple of long runs pull the game out of the fire for Hanover.

In the third game of the season Rose probably played their best game of the year for they led Wabash 6 to 0 the first half and continued to outplay Wabash throughout. It was only the breaks of the game that won for Wabash 20 to 6. In the next game with Evansville, as is usual, Rose played a listless game and Evansville was returned the winner by a 19 to 0 count.

Rose's next two games were on the road and again the Engineers took it on the chin, first by Gary 12 to 0 and then by Earlham 46 to 13; however they did not stop fighting back but were just playing heavier and more experienced teams. In the last game of the season, Rose played their traditional rivals Indiana State at the Stadium. Although the score was doubled on the Engineers, the entire Rose team deserved a lot of praise for their fighting as they did against the highly touted Normal squad.

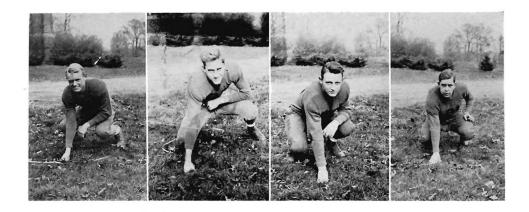
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CAPT. LANDENBERGER CAPT.-ELECT RICHARDSON

Captain Jackson Landenberger, performing for his third year as a regular, was one of the best centers ever to don a Rose uniform. He was an inspiring leader, for during the past season he was always to be seen bobbing in and cut along the line of scrimmage bringing the ball carrier down. Captain Landenberger was very modest on and off the field, and it was the quiet efficient manner in which he accomplished things that commanded the respect of his teammates; it will be a difficult matter to find another man to take his place that will be so well liked and respected as was "Landy". CAPTAIN-ELECT RICHARDSON

"Rich" has been one of the most valuable men on the Rose squad for the past three years. He has lots of natural football ability and has performed in spectacular fashion in every position in which he has played. Like Captain Landenberger he was mentioned on several all state teams the past year. In addition to being a deadly tackler Harry has the habit of gently outwitting the opponents. It may be said that if the remainder of the squad follows his example of aggressive playing, the team will be in for a good season next year.



Yates, one of the few graduating lettermen on the squad, was one of the best ends on the team. His best game was the Gary game.

Laughlin, another second year man on the squad was the quietest fellow on the team; but Ray was always in the thickest of things throughout.

West, playing his first season for Brown at one of the end positions, showed up well as a defensive player.

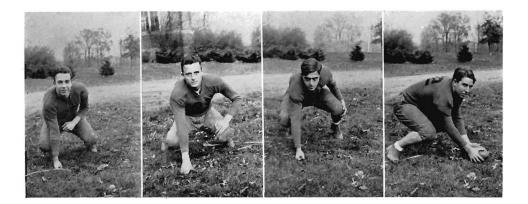
Maehling, despite his injuries, performed in a most creditable manner at one of the guard posts.

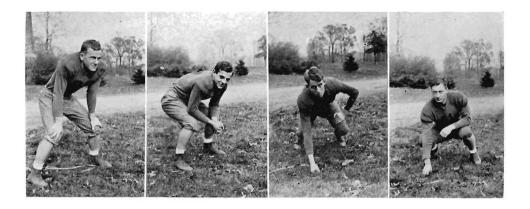
Lyons, one of the best blocking guards on the team was another junior to muscle into a spotlight his first year out.

Wodicka, an end, caused many an opposing player much trouble. He has three more years.

Bill Eyke was not only the biggest guard on the squad, but a mighty hard worker.

Tucker, who played either guard or center was a man that could be depended upon to fight it out with his opponents.





Hufford, a sophomore quarterback, was a mighty good man to back up the line as well as to direct the team while in action.

Bard, serving his first year on the varsity was the other quarterback who barked signals for Coach Brown. He hails from "Brazil".

Colburn was Brown's most versatile linesman as he played every position at some time during the season.

Leitzman just finished his third and last year as a tackle for Rose. His bulk and ability to kick off will be missed next year.

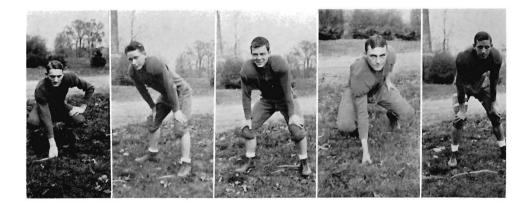
Newsom was a tackle that showed what advantage tremendous qualities of staunch fighting courage can be made up for lack of weight.

Steve Cauley, a senior, was the hardest driving full back on the team. He had a plunge like a fast moving coal wagon.

Fox, a freshman, turned in a very successful season as a fullback on Brown's eleven.

Cavanaugh, won a letter last year in the line and he repeated again this year. He always plays his best against Wabash.

Sentman could always be depended to gain ground when he carried the ball.

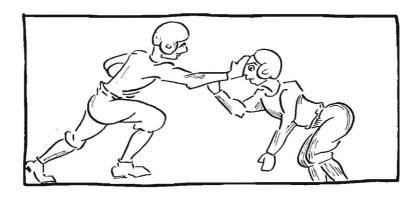


Tait, is a big burly boy that will be back again next year to fill one of the tackle posts.

Scotty Campbell was about the best ground gainer Coach Brown had; he, also did a considerable amount of punting.

Forte, a second year letter man, who hails from Clinton, was Rose Poly's triple threat man.

Last fall a change was instituted in the football managerial staff. In former years there was only one senior manager, but as the duties become manifold it became necessary to have additional help so this year two managers were awarded letters. The two capable men this year to get their letters were McGurk and J. Welsh.



#### Golf and Tennis

Rose innaugrated two new varsity sports this spring, namely, golf and tennis. Both sports are very popular with the student body, and at the time of this writing, the season being too young to foretell, it may be safely predicted that they will come through the season with flying colors.

The tennis team is composed mostly of players who played several years in the intramural tournaments held at school.

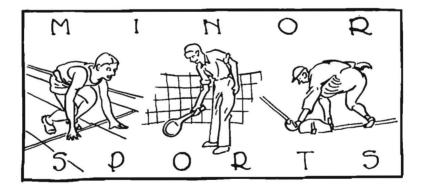
Straw, the intramural singles champ from last year, is the number one man on the team, and the other members are Ritter and Montgomery.

The Engineers started the season out in a burst of glory by trouncing Eastern Illinois State Normal 6 to 0; therefore, we are looking for big things from our tennis team.

To date the golf team has not had a match so we can only predict that the golfers will perform in a most satisfactory manner. In Reintjes, Engle, Cauley, and Jacobson Rose has a quartet that will be hard to down.

#### Intramural

Working with the idea that every man in the school should participate in athletics, Coach Phil Brown directed intramural activities for the past year. To insure the fulfillment of this modern idea of participation for all, individual medals were offered for winners in the various branches of sports. Not only did the winners receive these medals, but many members of the "also ran" teams were awarded, for Coach Brown pointed out it was his idea to have every student leaving the school not only with a diploma, but also with a medal.

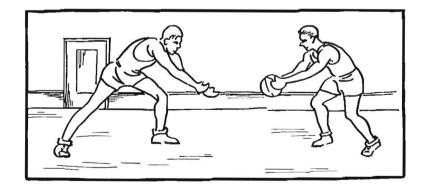


#### Basketball

In accordance with the intramural athletic program Rose had another successful basketball league under the direction of Coach Phil Brown. This year there were six teams in the league which were composed of two each from the Civil and Mechanical departments and one a piece from the Electricals and Chemicals. The Civil B, the champs from last year, repeated again this year, but only after a hard fight with the Mechanical A's. After the regular season was closed a tournament was held and again the Civil B's showed their superiority by defeating all comers. The intramural play was marked by some very fine basketball and it is hoped that some of this material may be allowed to perform again on the hardwood next year for Rose.

The final standing of the league:

Civil B	10	0	1.000
Mechanical A	6	4	.600
Mechanical B	5	5	.500
Chemicals	4	6	.400
Electricals	3	7	.300
Civil A	2	8	.200



er Con

#### Baseball

Baseball is a spring sport that affords all the men in school an opportunity to get outside once more, and engage in friendly competition. A spring baseball league consisting of one team from each of the four departments has been formed and every thing is going in full sway. All the games are played in the evening, starting at 4:00 P. M. and last seven innings or less.

The Chemicals are the defending team champions, but at the time of this writing the Civils are out in front.



ara's

#### Tennis

Intramural tennis has proved to be the most popular of intramural sports, and the interest is even more intense this year. The success of this sport among the students caused Coach Brown to organize a varsity team which has also proven a big success. Nearly every one in school enters the tournament, so nearly always there is a dark horse sure to appear, therefore, the outcome is quite uncertain. The tournament is just getting under way so it will be some time before the new champs will be crowned. Straw, the single champ, is playing varsity tennis this year so it is likely that a new one will be crowned. In the doubles, Fisher, one half of the team of Engle and Fisher graduated, so again a new champ will be crowned. May the best men win.





#### Track



As has been the custom for the past several years Rose is to have the annual intramural track meet between departments. The Mechanicals are the defending champions this year and there is sure to be much rivalry among the other three departments to dethrone the "grease monkeys." The list of the events to be held are as follows: 100 yard dash; 220 yard dash; 120 yard low hurdles; high jump; broad jump; shot put; javelin throw; discus; one quarter mile relay and one half mile relay. The winner of the first place events are to be awarded gold medals; second place, silver medals; and third place, bronze medals.

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## Fraternities

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Alpha Tau Omega Sigma Nu Theta Xi Theta Kappa Nu Tau Beta Pi Blue Key Alpha Chi Sigma Tau Nu Tau







### Alpha Tau Omega

Founded at Virginia Military Institute, Lexington, Ky., 1865. INDIANA GAMMA GAMMA installed at Rose, 1893. 94 active chapters.



Noble Blair James Brown Jack Foulkes John Keller

Clifford Lamb Lyle Maehling Frank Mansur John Moore

Albert Morrison Harry McGurk Jack Nickel Arthur Teumler

Gene Zwerner Robert Asbury John Bradley Gordon Burt

Norman Cromwell John Cushman William Eyke John Hager

Louis Lyon Burril McIntyre Bert Pearce William Pratt

Virgil Shaw Ernest Welsh John Welsh Fred Wiles

#### FACULTY MEMBERS Carl Wischmeyer Benjamin Pine

Alpha Tau Omega

Francis Blair James Campbell William Creal Harry Garmong

Raymond Laughlin Edward Leever Paul McKee Carroll Merriman

Albert Mewhinney Wilmont Moore Daniel Overholser Neil Salisbury

Warren Sentman Joseph Walker Robert Averitt Edd Coons

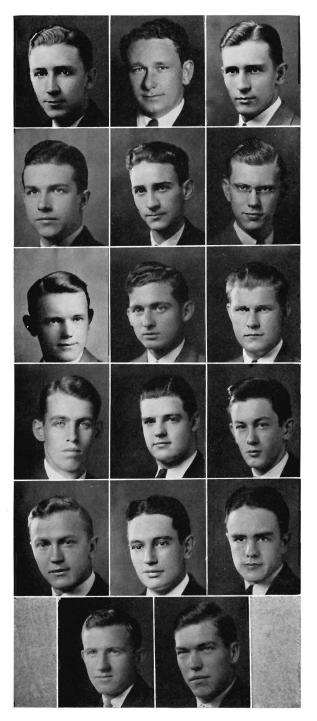
Clyde Cromwell Earl Cromwell Paul Giffel Walter Juntgen

Howard Mohr Charles Rich John Richardson Robert Sears

Walter Snedeker John Stineman Warren Tappan Carl Wischmeyer

LOUIS DUENWEG, WILLIAM KASAMEYER

### Sigma Nu



Founded at Virginia Military Institute 1869. BETA UPSILON Chapter installed at Rose 1895. 99 chapters.

William Belstrom Stephen Cauley Brent Jacob

Jackson Landenberger. John Mattingly John Ritter

Albert Yates Earle Butler Ewing Carrico

Deforest Colburn Jay Hall Ezekiel Hamilton

Louis Heck Bernard Melton Carl Nelson

HAYDEN RICHARDSON

HARRY RICHARDSON

## Sigma Nu

Byrne Terhorst John Mann Samuel Tait

William Batman Frank Blount Lawrence Carroll

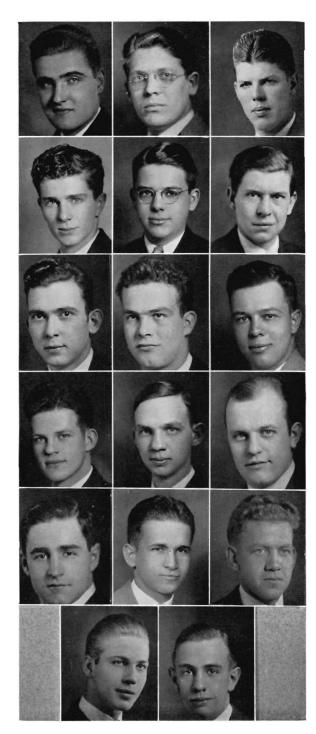
Stanley Cox Roland Donie John Fox

James Hatcher John Heltsley John Jacobson

Paul Kristan George Landenberger Burt Raynes

JOHN RICKETTS

Rhinman Rotz



RICHARD SPAIN, HERMAN TAYLOR

## Theta Xi

Founded at Rensslear Polytechnic Institute, 1864. KAPPA Chapter installed at Rose 1907. 33 chapters.

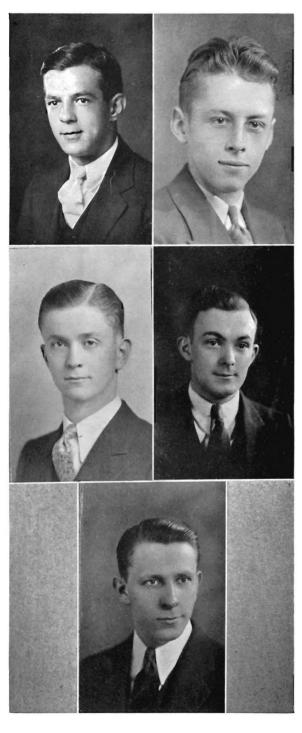
ALBERT BARD

John Mayrose

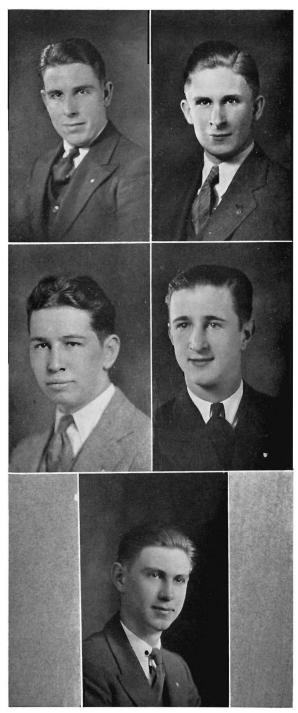
EMERALD NEWMAN

CARL PRICE

NELSON TRUSLER



## Theta Xi



Milton Kroesch Robert Marks Eugene Mueller Herbert Lyon Fred Modesitt

#### NORMAN TUCKER

#### DONALD HEHMAN

#### BEN COURTNEY

THOMAS WELLS

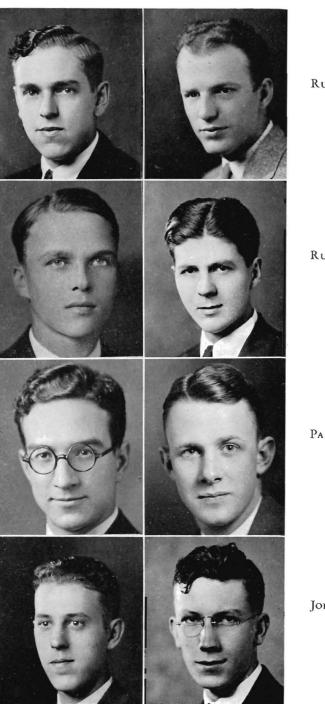
Morris Smith William Huff Lyon Utter Philip Cartwright John Brannon

ROBERT WHITE

## Theta Kappa Nu

Founded at Springfield, Missouri, 1924. INDIANA GAMMA Installed at Rose 1925. 52 chapters.

Faculty Member-ORION L. STOCK



RUSSELL ARCHER

WILLIS BIGGS

RUFUS DANNER

HENRY FICK

PAUL FROEB

MARSHALL POWELL

John Fuller

ROBERT SELF

## Theta Kappa Nu

PAUL BENNETT

RAYMOND HARROD

.

#### CHARLES EVINGER

#### RICHARD METZ

HARRY HALBERSTADT

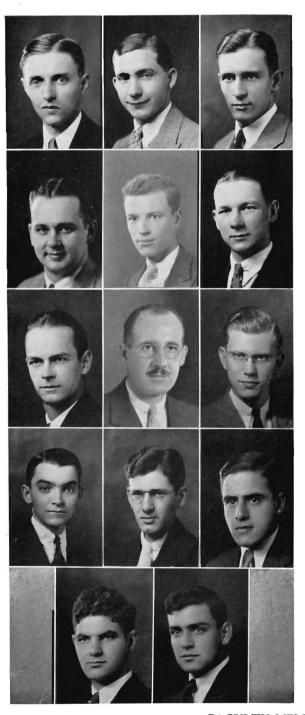
Eugene Wilber

JAMES HUGHES

Duane Ford Alechi Garzolini Robert Lindsey

John Whitesell Joseph Dillahunt Alden Foley

#### Tau Beta Pi



Founded at Lehigh University, 1885. INDIANA BETA Installed at Rose, 1928. 63 chapters.

James G. Brown Howard Barnes Brent Jacob

John Keller Harry McGurk James Mason

John Moore Robert Motz John Ritter

Richard Toner Maurice Tucker William Eyke

ARTHUR HESS

Albert McEowen

Donald B. Prentice Harve N. Chinn FACULTY MEMBERS Orion L. Stock Carl Wischmeyer Henry C. Gray

R. L. McCormick Herman A. Moench

### Blue Key

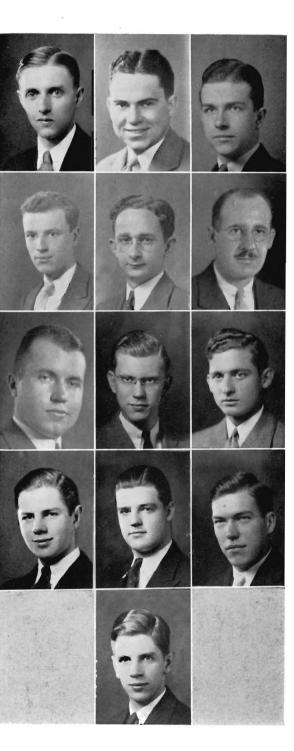
James Brown Jack Foulkes, Jr. F. Jackson Landenberger

Harry McGurk, Jr. Frank Mansur Robert Motz

Howard Stadermann John Ritter Earle Butler

Gordon Burt Jay Hall Harry Richardson

FRED WILES



### Alpha Chi Sigma

Founded at University of Wisconsin, 1902. IOTA chapter installed at Rose, 1909. 49 student chapters, 11 professional chapters.

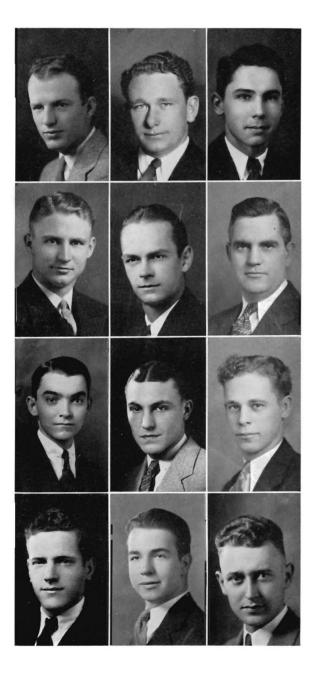
Willis Biggs Stephen Cauley Henry Douglas

Edward Ketchum John Moore Paul S

PAUL SMITH

Richard Toner George Cavanaugh Norman Cromwell

John Hager Louis Lyon Joseph Weaver

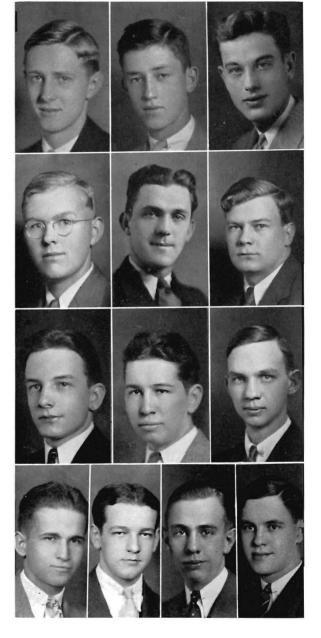


FACULTY MEMBERS: John W. White Edwin W. Mann Alfred T. Child

#### Alpha Chi Sigma

WILLIAM CREAL HARRY GARMONG DANIEL OVERHOLSER

Neil Salisbury Joseph Walker Eugene Wilber



Edward Coons Benjamin Courtney John Heltsley

George Landenberger Charles Rich Rhiman Rotz Robert Sears

.

### Tau Nu Tau



Founded at University of Illinois, 1929. Rose chapter installed 1930. 3 chapters.

John Babillus Willis Biggs Noble Blair

Stephen Cauley Rufus Danner Henry Douglas

John Keller Jackson Landenberger Robert Larsh

James Mason Robert Motz Jack Nickel

George Stark

PAUL SMITH

FACULTY MEMBERS CAPT. JOSEPH H. STEVENSON LT. PHILIP R. GARGES MR. SYLVESTER KEARNS

### Tau Nu Tau

ALBERT YATES EARLE BUTLER NORMAN CROMWELL

JOHN HAGER

JAY HALL ARTHUR HESS

Albert James BURRIL MCINTYRE WILLIAM PRATT

HARRY RICHARDSON



NELSON TRUSLER

HAYDEN RICHARDSON

JOHN WELSH

HAROLD REINTJES

HARRY MCGURK, A. G. MORRISON



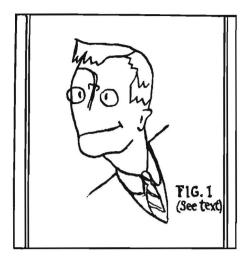
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# Humor

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#### DEDICATION

Not to be outdone by the Editor in Chief of this whole book, we hereby dedicate this Humor Section to Dr. Donald B. Prentice, our silver mounted President! (See Fig. 1) Going on from there we wish to double dedicate these vaporings to our inspirer, the author of the Original Joke. The name of this eminent leader is unknown but his joke, known lovingly to every one above the fifth grade as "Old Chestnut" has lived on as an inspiration to countless Humor Editors.

Up until a few years ago "Old Chestnut" was supposed to have originated shortly before the glacial period in Europe but recently the oldest known Egyptian Tomb was opened and the delicately inscribed characters on the coffin of the deceased (who, oddly enough appeared to have been beaten to death) were deciphered and found to read:

Question: Who was that lady I seen you with last night?

Answer: That wasn't no lady, that was my wife.

Yes, everybody is familiar with his works, but we believe that we are the first to render him due homage.



We see by the papers that Phil Brown captured a burglar. The local papers carried an item to that effect mentioning that our hero pursued the bandit down a dark alley and subdued him single-handed. A sentence further down in the story to the effect that the bad fellow was fifty-five years old gave rise to the comment from one of the lighter minded brethern that Phil probably kicked the old boy's cane from under him and then found him easy to subdue. Honest, I heard another guy make that wisecrack.

The Mae West influence is still rampant at our school. In Heating and Ventilating class the other day Prof. Wischmeyer remarked that although wrought iron piping had been practically replaced by cheaper kinds, "it could be had."

Lot of fun at the Rose Show. Bard was running the concrete tension machine and breaking them nicely at about three hundred and fifty pounds when he ran into one that merely cracked and refused to be pulled apart. He removed the briquette, blushed prettily and remarked to the awed bystanders, "This is very unusual." A postmortem on the sample revealed that a nail had been placed in the form when it was cast, giving the sample a remarkable resistance to tension. For some reason, suspicion rested on Mattingly (I knew I'd get my name in this) and Motz, so the professors took turns giving us the razzberry during our demonstration of our method of attaining an instantaneous speed.

The Purple Vulture Onery Society announces its motto as "Down with the school, down with the government, down with all constituted authorities, in fact down with everything." If they'll carry that idea out to the nth place they'll also add, "And down with the Purple Vultures," and not a bad idea.



Here's one for my old friend Sarge to resent. As one of these passanger planes slid over the campus Phil Brown ran for cover, shouting, "Duck, everybody! There might be an army pilot flying that!"

Advice to new students-The only pipe course in this school is the one they call "Hydraulics."

After one of those interminable and educational talks of his in Hydraulics, Prof. Hutchins wound up. "Now are there any questions?" A bored youth remarked, "Yeh, what time is it?" Did they laugh! No indeed, for after all we go to school here and have heard that pulled dozens of times.

I'll admit it before you hear it from someone else. In one of these laboratory classes I was working one of these quantitative mixtures of cement mortar in which it was necessary to dry all of the water out of the sand and gravel and measure the ingredients carefully. Wanting to do it perfectly, I asked Thompson if I should dry the cement too. Do you get it? Neither did I until he asked me if I was sure I had cement there, and upon receiving an affirmative remarked that in that case the cement was dry for if it had been wet it would have set into concrete. It's wonderful what one can learn at college.

Piety is shaping up nicely. At first he tried to be firm with the lads and they were a little difficult but he won over most of the class in one session. It was a legal question, involving A and B, of course. The point was the defination of statements as "facts" or as merely "matters of opinion." Larsh was asked if the automobile dealer's statement that this second hand Ford was good for one hundred thousand miles yet was a statement of fact or if not what. The handsome youth handed down the decision that to him that statement was hooey. Piety leaned forward, gazed at Larsh interestedly and asked, "Ah yes, but what is the legal term for such a statement?"

The Blue Key society suggests that we begin ca'ling our school Rose Tech instead of Rose Poly. May I rise to suggest in the inimitable Jacob manner that a Rose by any other name would smell as sweet?

#### THE

#### MODULUS

ROSE YEAR BOOK

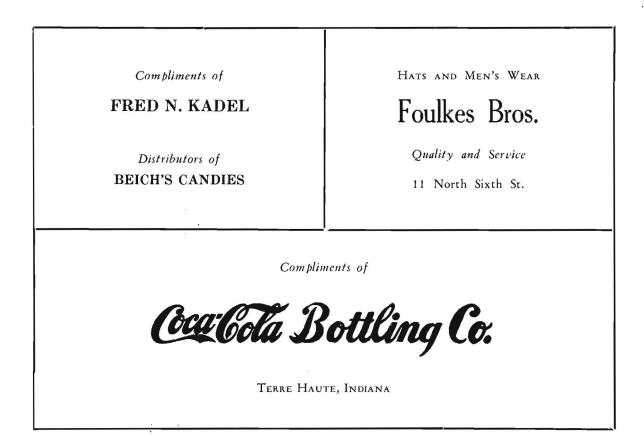
Published by

#### The

#### Moore - Langen

Printing & Publishing Co.

140 North Sixth Street Terre Haute, Indiana



To get down to the crude stuff that youse guys like; It was in Masonry, as an opener, Harve snapped, "Engle, what is a foundation?" Overcome by the simplicity of it all Popeyes stalled instinctively. In my well meaning way I urged the boy to give an answer even if the question was silly and he finally came through. "Why, that's what it sits on." Not to be outdone in courtesy, or is it repartee, someone broke through the cheers following this answer to muse, "Pop Morrison has a broad foundation."

When Prof. Hutchins asked Swede to define "potable water" the boy came right back. "Why that means you can carry it, as a "potable phonograph."

Compliments

## BLUMBERG REALTY COMPANY



The note Donie had on the bulletin board asking for the return of his lost keys was answered via the telephone by the Dean at Normal. They had been found under the Indiana State flag pole along with the broken remains of the flag rope. The story is that the wilder element of the Rose freshman class had planned to put a Rose flag on the pole and then cut the rope so that it could not be easily removed. All went well until they cut the rope, but then the Poly Flag fell. The bitter part of it, all was Donie's loss of his name tagged keys which gave rise to some embarrassment.

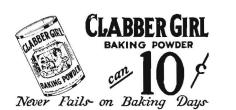
Once there were two identical twins. No one could tell them apart. They went through High School together and made identical grades. No one could tell them apart. Then one went to Normal, made straight A grades and Phi Beta Kappa. The other went to Rose Poly and flunked out in one semester. Still no one could tell them apart. (I read this one somewhere, of course.)

Just to prove my age l'in going to tell you about the good old days and my first St. Pat's dance. Before the evening had gotten well under way, our collegiate Larsh was leading the orchestra and Spud (Normal) Kruzan had socked Homer Fisher. What really burned me up though was that Gene Hartman had stagged the dance and talked me into letting him dance with my date. I finally found them again four dances later.

Such tricks played by our Freshmen as swiping the Forum stagecoach which the Forum pledges left outside of Wassel's while getting beers after a parade, finding the coach in the Rose Poly lake later, were the cause of Bert Pearce's refusal to wear the Rose Show Robot outfit up town without a large escort. I mention this in order to stop any rumors as to Bert's cowardice.

Editor: "What's the Humor Editor so grouchy about?" Janitor: "He's afraid he can't get his copy in. He's lost his scissors." Compliments of

T. H. Water Works Corporation



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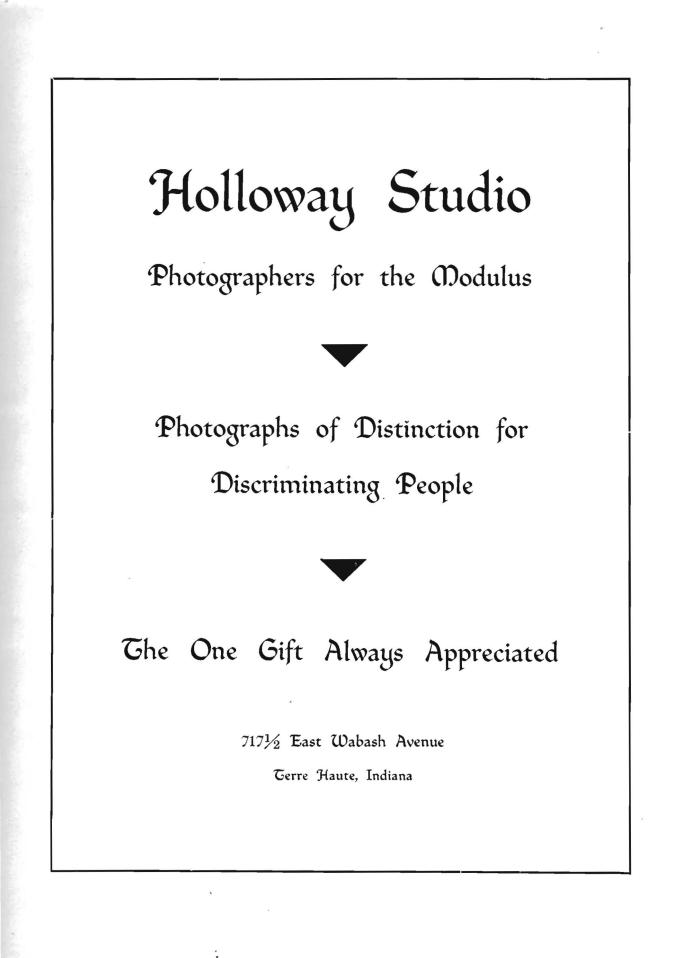


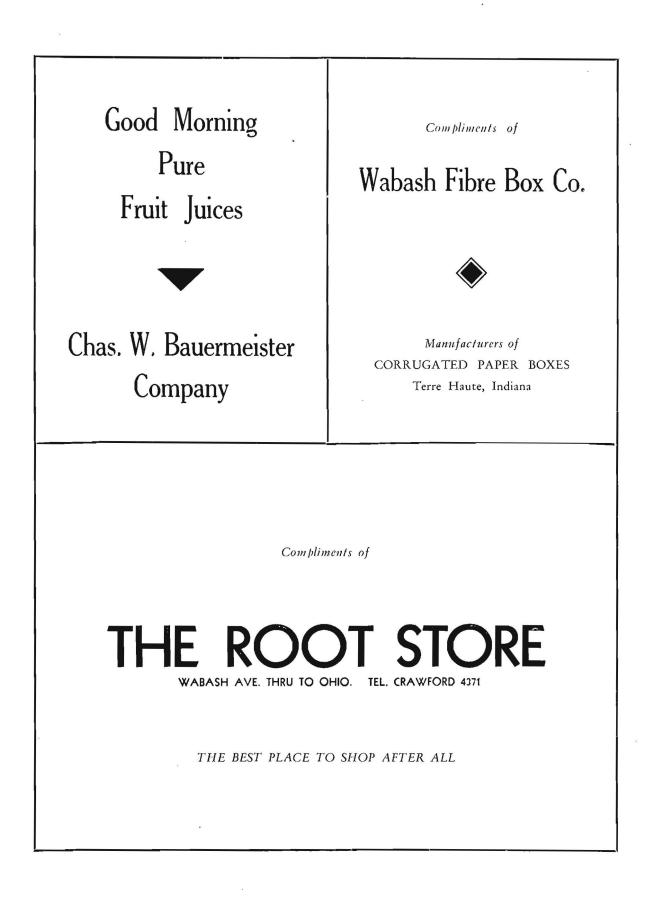
DEPOSITS INSURED IN ACCORDANCE WITH THE FEDERAL DEPOSIT INSURANCE ACT



The Merchants National Bank





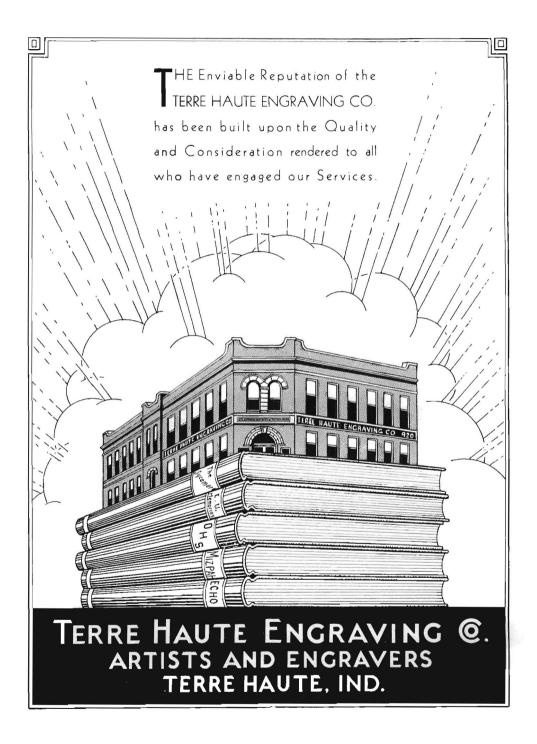


# Compliments of Terre Haute Savings Bank Terre Haute, Indiana Established 1869 S. W. Cor. Sixth and Ohio Streets

As an explanation of my present position as the class clown, allow me to tell you a story. Years ago when I was a Freshman, we had a big pep session at the school opening the football season. Phil Brown led the responses, starting off with "Who's got the best football team in the mid-west?" The answer came thundering back, "Rose Poly". Then, "Who's got the best line in the mid-west?" As the students drew a deep breath to give the answer, I couldn't resist piping up "Coach Brown!" Coming in the dead silence it sounded much louder than I had expected, and the hall almost came down as the lads laughed, from the emotional let down from the "die for dear old Rose" furor. Gentlemen, that experience has blasted my career at Rose. I have never been able to make a sincere statement since, everyone refuses to take me seriously. I soon gave up the unequal struggle, and began to live for the day when I could repeat my success in this field into which I have been shoved.

I can't forget my first Military Ball. I took a blind date and my basic uniform. Despite these handicaps, (the date was keen) I had a very good time with the exception of the embarrassing moment when we ran the gauntlet of the receiving line and Lieut. Hoass shook hands with me, straightened my coat belt, whispered harshly, "Keep that buckle around in front!" and then said "How do you do" all in one motion.

This new chemical achievement of "dry water" which actually absorbs moisture should be a great thing for the hotels. Think of the towals they can do without now.



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ARTHUR M. HOOD, Rose, '93 H. B. HOOD, Rose, '24			
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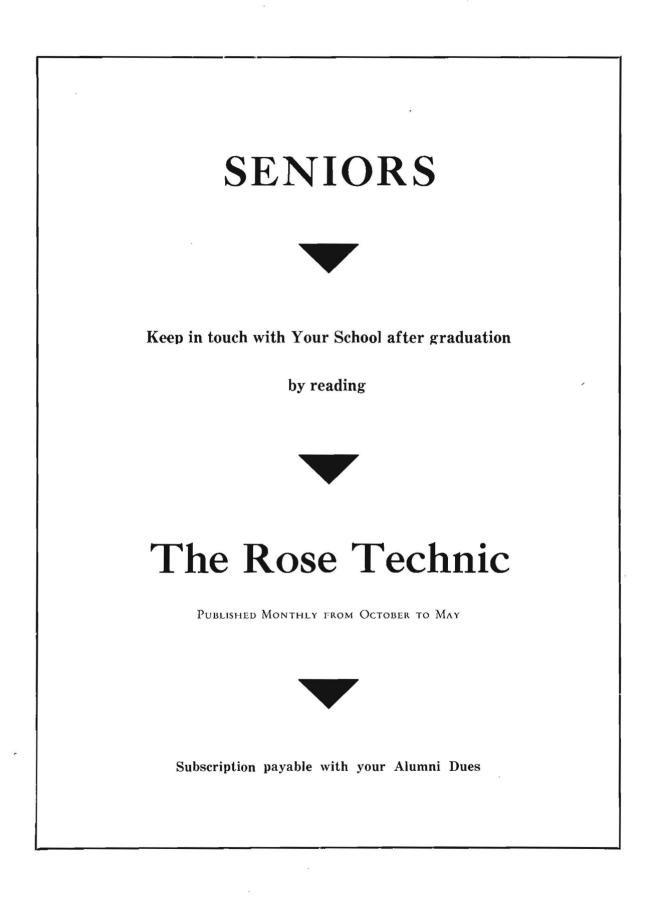
#### Doctor Prentice (a nice guy, if I may say it without being suspected of currying favoritism) has become quite frank since even Nickel finally caught on to the engineering trick of labeling guesses as "qualified estimates" and only the other day he mentioned that an effort to plot and derive the equation for the empirical curve for the Halsey bonus system of wages resulted in the decision that Halsey merely scaled a temperature chart and picked his points from it in devising his system.

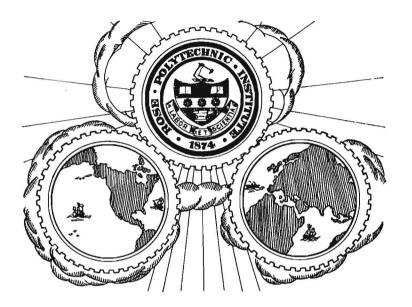
TERRE HAUTE, INDIANA

So when the kind old lady asked the little boy if he knew what happened to little boys who drew pictures on the sidewalk he told her that he knew one such boy that took the Architectural Course at Rose Tech and became a Civil Engineer. (Just another one from my files, adapted for the local trade.)

Phil.Brown's nerves have been on edge ever since we began putting in the curbing around the track. At any time some fellow may think of it and start a fad of putting initials in the fresh concrete.

Watch for the big scene in the electrical laboratory the next time you see the movie which was made on the campus and get a load of Archer's demonstration of the accepted method of getting an "A" in electricity. Incidentally Mr. Moench does some nice emoting and gesture work in this scene as he proudly motions Archer away with his trivial concerns.





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TERRE HAUTE, INDIANA