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THIS is the New School Number. It is devoted almost entirely to plans of the new thoughts of the future and happenings that are yet to happen.

We have looked forward and dreamed about the New School for a good many years. Before entering Rose we knew that a plan was on foot to create a much bigger, finer, and better Rose; and we vaguely hoped that we might be privileged to attend it. As Freshman, so many new things occupied our minds that our thoughts never wandered very far from Old School affairs, but we thought of the New occasionally, and, Freshmanlike, used it to good advantage in impressing friends who either were not attending college or were attending other institutions of learning. As Sophomore we thought a little more seriously about the New School, but began to wonder if, after all, it was a dream that could only materialize in the far, far future. Reaching the stage of Junior when occasional rumors of conferences of the Alumni and the preparation of plans and drawings came to our ears, our hopes sprang up, and fuel was added to the smouldering fires of our interest.

But now at last after a good many years of looking forward, we have passed the last turning, and can see straight ahead of us the New Rose Polytechnic—a splendid dream which needs only the magic of a little time to weld it into the solidity of structured steel and masonry.

A fine thing it shall be when all of this is complete. A great deal will then have been accomplished. A great deal of work will be finished, and yet there will be more work waiting to be done. True it is that the work of some of those who have gone before us will be done—and well done, but for us it will be but a beginning. Ever since our entrance into the school we have done naught but receive, but as we leave the classroom and the company of those who accept to join the army of those who serve, we shall begin to repay, we hope, for that which we received. And who would not be proud to serve in the cause of The Greater Rose?
As yet the New School is but a dream—a figment of the future, and yet, what a wonderful thing these dreams are! Because, over half a century ago, a man named Chauncey Rose clung to a dream, almost a thousand men have been helped and strengthened in order that they might help and strengthen and make this old world a better place in which to live. Our own dream of the New School could never have existed had it not been for the dream of that hardy old pioneer, for without his dream there could have been no Old School, and with no Old School there could never have been even a dream of the New.

And so, part of this number has been devoted to fact and part to fancy. But oftentimes in looking forward to events of the future we are apt to let fancy prevail over fact. So, perhaps, our fancy has rather prevailed over facts—perhaps. It may be that as prophets, future events will prove that our calculations are in error some hundred percent high, but it may be that we have been too conservative and that our error may be reckoned as a minus quantity. But that is neither here nor there—just now. The point is, the percent of error which time alone can reveal—and whether that error shall be for us or against us—rests with you, Alumni and students of Rose!

The Old

Most all dreams are of the future,
For the past is soon forgotten,
And we know it's always hard, yet always true,
That when you are forsaken, after having served your purpose,
Oblivion is sure to come to you.
For the past is not the present,
For the future's not the present,
And we know it's always hard, yet always true,
That the future keeps advancing,
And the past keeps retrogressing,
And we say, "Forget the Old—Bring on the New."

So, Old School, you'll be forgotten
By the legions of the future.
They shall only see by light of years gone by.
But by us who took your knowledge, and who lived with you four winters,
You will never be forgotten 'til we die.
For the past is not the present.
For the future's not the present.
Though the future shall be present, as we know.
And we'll then grow reminiscent
O'er the past that's now the present,
As we dream about the Rose of long ago.
The New

OCCUPYING its new site and adequately housed and equipped the Rose Polytechnic Institute will be in a better position than ever before to realize its manifest and splendid destiny. There will be ample room for all the activities of the Institute—educational, athletic and social. Somewhat removed from the city and its diversions, not to say distractions, it will become a suburban community and in a sense self-contained, for it will be the permanent home during their undergraduate days of certainly half, and probably more, of its students.

All who are familiar with the new site realize how admirably it is suited to the uses to which it is to be put and how beautiful it can be made. Nature has done her full share in providing a noble site. Comparatively inexpensive landscaping can make it blossom into a fitting home for the Rose. Buildings, of course, will primarily and principally be adapted to the uses to which they will be put, and in this regard will be up-to-the-minute in adequacy and arrangement. But they can also be fitted to their environment and by architectural expression, for architecture is one of the courses at the Institute, add to the dignity and beauty of the whole. A charming decorative effect, which will not only add to the impressiveness of a building but preserve the memory of some one in honor through all the years, will be the name on the front of a building of the donor of the money with which it was erected.

Utility will not be sacrificed to beauty, but for the most these two will be co-ordinated and made to work together for the benefit of the Institute as a whole.

It is not to be forgotten that the Institute’s function is to educate young men to take positions of responsibility and leadership in the work-a-day world. Not to make profits is to fail in a business venture and it was not for failures that businesses were instituted among men. For an educational institution to spend so much money on a youth’s education that his subsequent professional earnings do not pay fair dividends on the cost of his education is to fail and is the worst sort of example to set to a young man who has taken its course and who is to make his own way in life. That has not been the record of the Rose in the past. It must not be its record in the future.

At its new site it is expected to steer a middle course and erect an institution that shall provide every needed facility and that shall satisfy the taste for beauty by its simplicity and dignity. Form and function shall coordinate.

At its new home on the hills it is hoped to so profitably and pleasantly fill each recurring day that students whose homes are in Terre Haute will want to spend all the time possible at the school rather than the reverse.

It would seem to the writer that much should be made of the trees and surely roses ought to play an important part in its adornment.

Rose will be a pleasant home to the students in their undergraduate days and linger in their memories as a beautiful as well as gracious Alma Mater ever afterwards—a place to which they can look back with steadfast affection, on which memory will be glad to dwell and to which in later years they can come back from time to time always sure of a welcome.—

W. C. BALL,
President of the Board of Managers.
The New Rose Plant
By Herbert Foltz, '86

It is now nearly a year since Mr. Ball, Dr. Mees and the writer packed their grips and started on an inspection trip for the purpose of learning by personal observation how other engineering schools were housed and conducted. To be exact, this trip was made in May 1915, and covered nearly two weeks of travel by day and by night to complete the schedule arranged by Dr. Mees.

The schools and universities visited included the University of Michigan at Ann Arbor, the Case School of Applied Science and Western University at Cleveland, Syracuse University, Cornell University at Ithaca, Rensselaer Polytechnic Institute at Troy, N. Y., Worcester Polytechnic Institute, the Massachusetts Institute of Technology and Wentworth Institute at Boston, Sheffield Scientific School at New Haven, Stevens Institute of Technology at Hoboken, Carnegie Institute and University of Pennsylvania at Pittsburgh, and the Ohio State University at Columbus.

Much valuable data was collected and made available for ready reference as the result of this trip, which may be considered as the first important step in the direction of a new plant since the purchase of the site.

Prior to this inspection trip, the requirements as to space necessary to accommodate the various departments had been carefully studied and the needs of the institute to accommodate 300 students in the near future and an ultimate maximum capacity of 500 generally determined. The next important step was in securing the co-operation of Mr. George E. Kessler, of St. Louis, a prominent landscape architect, in locating to the best advantage the buildings necessary to complete the entire group and to tie together and properly relate the several units and departments. To this end, an accurate survey was made of the property and its topography and contours carefully studied. A template to scale was made of each building and these were shifted from place to place until the general group plan herewith shown, though radically different from any at first considered, was finally unanimously approved and adopted.

It will be noted by reference to this plan that it contemplates a happy combination of the formal with the informal by taking advantage of the level ground for the grouping of the engineering buildings about a formal court and fitting the other buildings logically and in proper relation into natural building sites in an informal way, preserving at the same time simple and direct axis lines and tying the whole together in a logical and orderly manner. It is to be noted that the dormitories are in close relation to the gymnasium; that the power house is on low ground so that all returns will be by gravity and on the other side is easily reached by a spur from the Vandalia Railroad; that the shops bear a dual relation to the power house and the engineering buildings and are reached by a service driveway independently of the other buildings; and that in all cases the lines of travel are direct and cross-connected.

Lost Creek, which now winds aimlessly through the lowlands to the north, is to be straightened and the athletic field, ball diamond and stadium located on this low area between the high ground and the Vandalia Railroad. Opportunity is also afforded for a practice field in the southwest corner of the property in case this is desired.

After the floor plans had been arranged to accommodate the several departments, giving to each its necessary floor area and proper relation each to the other, many sketches were prepared and studied in order that the charac-
ter which the exterior of the buildings was
to assume might be determined. A modified
type of English Gothic was finally adopted as
best lending itself to the grouping and en-
vironment.

The buildings will be of strictly fireproof
construction, with face bricks in Oriental
colors, metal sash, reinforced concrete floors,
and red tile roofs. Stone trim and other orna-
mentation will be used sparingly and the in-
tention will be to secure in the exterior of
each building dignity and frank expression of
its plan and function. The shops will be
one story in height and lighted from above by
means of saw-tooth roof construction. Other
buildings will be two stories and basement in
height, the latter story being half above the
ground.

The accompanying floor plans will indicate
the arrangement of the various departments,
these to be confined for the present in the two
engineering buildings designated B and C on
the plot plan, which will be the first two of
these buildings to be erected. It is calculated
that these, together with the shops and power
house, will comfortably accommodate the pres-
ent student body of the Institute. A tempo-
rary gymnasium and grandstand, to be built of
the material obtained from the large barn now
on the premises, will be included in the initial
building contracts, also possibly one section
of the dormitories.

As the growth of the student body makes
necessary, either one or both of the engineer-
ing buildings designated C and D will follow,
the arrangement of the floor plans for these
buildings being such that departments may be
shifted or moved out without structural
changes as conditions make necessary. In
fact, two words have ever been before those
working at the design and construction of the
buildings, and singularly enough, both words
begin with the letter “e”—elasticity and econ-
omy.

Space is too limited and time too short to
more than hint here at the work already done
and yet to be done in connection with the
development of the new plant, but with this
brief review and the accompanying illustra-
tions, it is hoped to convey, in a measure, at
least, some of the plans already determined
upon and show some of the possibilities not
yet considered.

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![Diagram of the campus with labeled areas: Library, Engineering Building, and Shop Building.](image-url)
THE ROSE TECHNIC.

OPINIONS

DR. C. L. MEES—

Though a college depends mainly upon the ability and character of its faculty, the earnestness and quality of its students, to make it a power in the world, yet it is true that to accomplish its best destiny, environment, beautiful surroundings, convenient and well adapted housing together with carefully selected equipment, are of great importance. Though its product, the men who have gone out from its halls, may have proved its excellence and stood high in the world, material and to every one apparent external evidences of its progress are needed to make it appreciated and attractive. Rose Polytechnic Institute has fulfilled all that could be expected in so far as the first and most important requirements are concerned; but, appreciating the value of the second innumerable factors, which under present conditions of public judgment are almost essential, recently it has now decided to enter upon the task of supplying them in full measure.

The new plant will be situated most favorably. No more beautiful location could be found in the vicinity. The natural configuration of the ground offers opportunity for a combination of rustic, informal, and formal development fully appreciated and made use of by the Landscape Architect, Mr. Kessler, whose noble conception and thorough appreciation of the problem finds expression in the splendid plan he has worked out and which has been accepted by the Board of Managers. The buildings are receiving similar careful study by Architect Foltz, one of "our own bairns," and in exterior appearance and interior arrangement will combine the best features of college buildings erected during the last ten years.

The power house and shops will be equipped with the most modern machinery representing the best practice of today.

In its full development, the plans are to supply the most desirable conditions for the development of that social phase of life which as a kind of by-product of the educational features will lead to unconscious development of culture in mutual intercourse and helpfulness. A students' common and union in connection with the dormitories and gymnasium will make the college and campus a place for wholesome amusement and healthful life; and will foster the right kind of college spirit, democratic and single in its influence.

Arrangement for fraternity accommodations of a character to satisfy all reasonable requirements will be made, eliminating the danger of excessive rivalry and unwarranted expense.

With singleness of purpose and the enthusiastic effort on the part of every one concerned, all this may be accomplished in a reasonable period. It is the purpose of the friends of the Institute to work to that end.

The intention is not to make it a big institution, but one which will embody the high ideals of the best training, the wholesome influences for each individual, the making of the college life most happy—all within the reach of every earnest seeker for the best preparation for his life's work.

M. A. HOWE:

The new location is excellent and I am very favorably impressed with the general arrangement of the buildings, and the style of architecture adopted.

ALBERT A. FAUROT:

When the Institute gets established in the new location it will for the first time come into its own and assume the important and conspicuous place to which it has long been entitled. Now it is lost in the city and its good work passes unnoticed and usually un-
known even to the people of the town. Then it will take on an individuality and become a place for Terre Hauteans to visit and to show to their friends. Away from the dirt, the noise, the distractions which now encompass us and in new buildings surrounded by beautiful and broad acres, we shall be inspired with new ambitions and attain to bigger and better things.

O. L. Stock:—
Moving the school to the new site will affect it in a number of ways. One of the good effects will come from the new environment. Beautiful surroundings are essential to good character building. The highest beauty is not magnificence but fitness and with good substantial buildings on a favorable site as an environment at the character building stage should inspire everyone to do his best and have a lasting good effect.

Frank C. Wagner:—
"I am looking forward with pleasant anticipation to the time when the engineering laboratory will have a more convenient and completely equipped laboratory of its own. It will then be possible to arrange the apparatus in permanent positions. It will also be possible to leave instruments connected from one period to the next when an experiment is not completed. Another very greatly to be desired advantage of our new location will be freedom from the dust and dirt that we have to contend with at present. I am sure that all students will appreciate these improved conditions, and I confidently expect that as a result better work and more of it will be done in the laboratories.

John White:—
When the new buildings at "Rosemont" are completed and equipped, a day long hoped for and dreamed of will have dawned for the department of chemical engineering. The tremendous and terrible conflict now raging in Europe has awakened this country to a realization of her need for self containedness as nothing else could have done. Foremost amongst these is the need to conserve the resources of the country and to prepare and manufacture here at home those various products needed for the Nation's well being, instead of depending, as in the past, largely upon foreign makers.

All of this either directly or indirectly calls for the work and the brains of men trained in the science and applications of chemistry, just the sort of training that the Rose Polytechnic Institute and other similar educational institutions are expected to furnish.

In the past the chemical department at Rose has been seriously hampered by lack of room and facilities for the proper development of its work along the lines best suited for the training of the chemical engineer. It has, nevertheless, with a reasonable degree of success accomplished its purpose, and has done well under the circumstances in which it has been placed. The new plant will, however, provide the opportunity for improvement and for greater convenience and increased efficiency in all directions, as well as
for an enlarging of the scope of the training. It is expected that provision will be made for the installation of the necessary apparatus so that more detailed instruction can be given in the application and use of appliances used in large scale industrial work. The student will thus have an opportunity to try out in a practical way the conclusions drawn from the theoretical training and the laboratory tests.

In addition to development along these lines, ample provision will also be made for all of the usual work in chemistry as well as for research. According to our present plans the quarters assigned to the department in the new plant will give ample room for development along the lines indicated and even enable us to modify these in keeping with the requirements and demands of the future for some years to come.

The opportunity for the chemist has arrived in this country, it is imperative that the training shall fit the man for the work he has to do!

JAMES A. WICKERSHAM:

Let us hope that the inspiration of the green hills, the pure air and the new buildings of the Hulman farm will suggest to some newer teachers, if not to the old ones, just what is the best and only right thing to be done with the language department of Old Rose.

It will have to be a very considerate and compromising inspiration, I ween, and perhaps not one but many and of many men combined, before the best result is attained.

But whatever changes and tests and after changes and after tests the curriculum may undergo, we may rest assured there will never be any well thought out engineering course that leaves from the account the keeping up of the efficiency of that greatest tool the human mind has ever invented, the tool of our spoken and written language.

J. B. PEDDELE:

I believe that the advantage of our new and attractive surroundings is going to be very great. First impressions count for a great deal with most persons, and it is undeniable that our old buildings and unsightly neighborhood are not calculated to make a favorable impression on a stranger. He is only too likely to take it for granted that what first strikes his eye is indicative of the quality of our work, and such impressions when once formed are difficult to efface. There is little doubt in my mind that we have often suffered undeservedly in this way.

Better and more efficient organization of student activities and a stronger feeling of good fellowship should be possible when, as I hope will be the case, the majority of our students live on the grounds of the Institute.

C. C. KNIPMEYER:

Of all people engineers are not supposed to be dreamers, but we know that sometimes they are and that their dreams are most likely to become realities. We have all had dreams of the new Rose and they are soon to become real,—fine new buildings adapted to our particular needs, placed in one of nature’s beauty spots in a material atmosphere free from carbon and in a psychological atmosphere full of the hearty Rose spirit of loyalty and industry.

Speaking for the Electrical Engineering Department we know there will be more incentive to do good work where we shall have a well arranged and equipped laboratory to ourselves, in which we shall suffer no distractions and encroachments. Our laboratory will be particularly accessible from class rooms so that machines can be directly studied in connection with the theory underlying their design and lecture room demonstrations can be made. It will also be near the Physical Laboratory with which there is so much apparatus in common. There will be rooms for special investigations, and a high-tension
laboratory will be made possible and started at once.

In spite of handicaps we have made gratifying advancement each year and we are eager for accomplishments under the new conditions.

H. L. COLES:—

In looking forward to the time when Rose shall occupy her new home, a thing to be considered is whether or not military training shall be a part of the curriculum.

We all know that military training is given at a great number of colleges and that the number is increasing—why not Rose?

We have heard a great deal about the old Rose school spirit. It has been my experience that military training which brings the whole student body together helps school spirit wonderfully. It is also true that the open air drill improves the carriage and supplies the physical exercise that our upper classmen lack at the present time.

It gives that training in quickness and explicit obedience to orders that are so essential to an engineer.

A student company officered largely by students, as it would have to be, trains the men not only in obedience to orders but in the art of handling men.

Conclusions reached from discussions in congress have shown that one of the best ways to build up a reserve army of trained men for an emergency is to introduce military training in the colleges. This training to be supplemented when possible by six months in a camp for students, such as was mentioned in the last issue of the TECHNIC.

Let the “fighting engineers” show that they can and will do their part in this nation wide movement.

H. L. MEFFORD:—

Terre Haute has two schools within her boundaries. These two schools, the Rose Polytechnic Institute and the Indiana State Normal, spend in the neighborhood of four hundred thousand dollars every year in the city of Terre Haute. In the past year the merchants of Terre Haute, have spent roughly fifteen hundred dollars in the support of the athletic teams of the two schools. The reason of this small amount being turned into our treasuries is our own fault. We have never gone out after the merchant in a business way to show him that his interests were our interests, and our interests his interests.

During the past two months a plan has been started through the athletic offices of the two schools to form a joint athletic association among the business men of the city. We are at this time preparing statistics from each
student to show exactly the amount each student spends and with whom he spends it. These statistics are to be taken by the students and used in inducing their friends to buy tickets in this athletic association. This ticket will admit the holder to any event held at Rose or Normal and the Rose and Normal management are arranging their schedules so there will be as little conflict as possible. This will allow the holder of the ticket to see these games for about twenty two cents each. In addition to this the merchants name will be posted in the gymnasium of each school as a member and these names will be classified as to the business. He will also be given a card to hang in his store, showing he is a member. The students will be held in a closer union with these men and will naturally desire to buy from the members of their association. In addition there will be a committee from the two schools who are paid a small salary to visit the members of the association each month, and see how much business each is getting from the student bodies of the two institutions. If the merchant reports but little business his name will be posted on the boards of the two schools and each student who has purchased anything from him in the past month, will write on a slip the purchase and amount. If there has been but little business for this merchant, each student will be asked to buy of him and notify him that the notice has been placed on the board of the school. It shall be the business of this committee to follow up and see that these merchants are getting the student business.

It is the ambition of our student council and our athletic association to organize such an association in order that within the next year or at the most two years, the present money turned in by the students can be used as a nest egg towards, either a room in the new gym, or some kind of support furnished to certain student activities to be formed in connection with the new student union as is planned for the new school.

BUILDING PROJECTS OF OTHER SCHOOLS

University of Michigan. Plans for the new half-million dollar library have been approved.

University of Oregon. A novel plan has been adopted to construct bungalows and a cafeteria for the use of students, so that they may attend on $225 a year or less.

University of Virginia. The University of Virginia has just completed a new road system throughout the college grounds at a cost of $1800 per mile.

Union. Union College is to have a $100,000 chemical and physical laboratory.

Amherst. A library to cost $250,000 has been presented to the college by an unknown donor.

Wisconsin. Wisconsin University has just completed plans for a new boat and bath house on the Mendota for the benefit of the women.

A new $190,000 physics and political economy building is being erected on the campus of the University of Wisconsin. The building is absolutely fire-proof and contains fine large laboratories, one lecture hall and numerous class rooms.
A NEW Rose is to blossom in a new field from a new plant, a beautiful creation. After having passed through several years of struggle and decline, the new life to be instilled into Rose is to place the Institute in one of the most attractive locations and to build in an artistic and practical manner, to be a credit to the community and to the Alumni.

A committee of eight members of the Alumni was called to meet Dec 3, 1915, to examine plans that had been drawn for the new plant and the arrangement of the buildings on the new site which is 5 miles east of Terre Haute, on the National Highway.

These plans drawn by our well known alumnus, Herbert Foltz, were criticised and complimented and have since been drawn in detail and changed until, as they appear today, they represent the last word in practical and artistic fireproof buildings for the permanent housing of a technical school. Being built of concrete with brick facings and tile roofs, symmetrically arranged about a court and on the hillside, the landscape work of Mr. Kessler of St. Louis, will give a most impressive and pleasing effect. The view from the National Highway and from the Pennsylvania tracks will be equally attractive. The athletic field and baseball diamond will be on the level ground near the railroad, whereas the main entrance and drives from the National Highway will lead between rows of trees to the main academy buildings which will be located on the higher ground almost in the center of the property. The gymnasium and laboratories will be connected by walks and drives with the main buildings, and in ultimate arrangement the president's home and those of the faculty will complete the arrangement and make the most attractive college campus in the west. The equipment will be new and the most modern for scientific research and experimental purpose and for the practical shop work.

The citizens of Terre Haute who are interested in the life of the Institute, who appreciate what has been done for the hundreds of young men who have graduated, and are anxious that hundreds more may be benefited by the education and practice at Rose will be asked to contribute to the building funds for the new plant.

The estimated cost of the new buildings necessary for the housing of the school for the next few years is placed at $400,000, and of this sum there is $100,000 on hand from the sale of the old plant. This leaves $300,000, yet to be raised, and it is the intention of the ways and means committee to raise half this sum from the citizens of Terre Haute and the other half from the Alumni and manufacturing concerns who are interested in the life and progress of the school.

The loyalty of Rose Alumni men has been shown by the work that has been done by the advisory committee and the four members of that committee which constitute the ways and means committee. These men who are some of the busiest of all the Alumni, have given their time to come to Terre Haute, some of them from New York, St. Louis, Chicago, Cleveland, Louisville and Indianapolis, to attend these meetings, and have offered their time and very liberal money donations to the building funds. It is the loyal spirit of the Alumni, and their desire to see Rose grow and come to the front as the greatest technical school in America, the school whose graduates lead in the industries and professions, that is going to make the reconstruction possible.

Each alumnus will give according to his wealth, or his income, classes will vie with one another to see which can give their Alma Mater the greatest help, the Rose Tech Clubs
everywhere will have meetings at which some one posted in the work of building the new plant and the requirements to be met, will put the matter before them. Members who are not in the clubs will be asked to help and even those fellows who have registered as students, but who for some reason never graduated, will be asked to lend their help if so inclined.

The work of systematizing the campaign now rests in the hands of Mr. James S. Royse and Mr. Bruce F. Failey, who are both Alumni members of the board of managers, and their efforts will be to push the work of raising the funds necessary as rapidly as possible.

Every person interested in the school and in its life and growth should now give his support in some way and make the institute a permanent thing and a source of good for all time. Even as Chauncey Rose has provided for the existence of the institute for the past 30 years, let us all help now to put it on a permanent financial footing, that it may live and increase in usefulness for many years to come, as has been done at Rensselaer, Worcester, Stevens and other institutions of like nature.—

Omar C. MeWHINNEY, '91,
President, Rose Alumni Association.

This is a Princeton Idea for Raising Money

INSURING their lives in favor of their college is a means which has been devised by the senior class at Princeton University for raising an alumni memorial fund. The system has been approved by both the Princeton Graduate Council and the Board of Trustees, and it is expected that after twenty-five years the class will have at least $60,000 to present to the university.

The insurance policies will be taken out individually by the members of the graduating class, and the premiums will range roughly from $4 to $15 per year, bringing in a return of from $100 to $400 each. The policies are to be held by a large insurance company and will be divided into three classes, the entire principal being paid to the university after twenty-five years.

This is the first Princeton class to have undertaken this system of raising funds. Previous classes have organized memorial committees, and through these committees received individual contributions each year. In addition to the insurance scheme, the present seniors have also offered to make individual contributions.
DEAR STEVE:

I haven't written you for a long time, not since last fall. I told you about the scrap we had with the Sophs in that letter, I believe. Since then I have had considerable of me knocked out and considerable knocked in as you probably note. (Get that?) And you can take it from me, Steve, I don't have to apologize to Ring W. Lardner or any other gink any more, even if some of these pikers do crap the English course here.

I might tell you of a lot of interesting things; (!) how the upper classmen tried to paddle us for not wearing our green caps, how we did not win the football championship, or how the fellows are trying to put out an extra big issue of the TECHNIC next month, but I won't. About all that is being talked around school now is new school dope, so I'll try to fill you up on that, too.

You see the Board of Mgrs., or Doc, or whoever it is runs the school are going to build a brand new place out east of Terre Haute here.

The upper classmen think it will be great, even if they won't get in on it, and as for our gang, we're all prayin' for luck and hoping that we will get our sheepskins doled out to us from the New Institute.

I can tell you, Steve, that you'd be surprised how much pep and ambition anything like that puts into a fellow. Kinda seems like Rose is taking a new start, and every blooming mother's son here seems to have the idea that he wants to do all he can to help make the old school get better and better all the time. Of course, it may seem like a lot of cheek for a Freshman to talk about helping make the school get to be a better and finer one, but, Steve, it's really true that every fellow can do his part, and when you think about it, even a Freshman's part isn't so measly.

I've kept my eyes open a little since I came down here, and then some of the upper classmen have dropped a few words of wisdom now and then, so that I have discovered quite a few things that 'ud surprise you a little, I bet.

Funny how your views change, isn't it? Remember how we used to look at a fellow who burned the midnight oil? Thought he didn't have good sense, remember?

Well, when I got down here I found that after all, it took a lot of grit and determination to sit on a hard chair and grind away under a little student lamp for three or four hours on end, and I took back a lot of the hard things I'd said about the "grinds" and began to have a sneakin' respect for 'em. I swung over to the other side of the fence then and began to believe that all the fellows who didn't "buck" all the time were lazy and quitters and didn't amount to much.

Then after a while, though, I found that some of the fellows were hittin' 'er up too hard and were missing a lot of good education that's floating around loose and can't be grabbed off by sticking around your room and juggling cosines all your spare time. Seems like the best way of doing is to hit 'er up hard while your hittin', but to take enough spare time to get acquainted with your gang, too.

Don't think I'm trying to preach, Steve.
This is all old stuff that has been doped out a thousand years ago, I guess, but I've seen her work, Steve, and by golly, I know what I'm talking about!

I'm a dickens of a long way off the track. I started to tell you what a howling good effect this new school bug has on the students. What I've been trying to lead up to is that the fellow who gets the most out of school is the guy who mixes 'em up, and who works, but who gets into things and tries to run 'em or help run 'em along and boost 'em through. Believe me, Steve, you can learn a heap by trying to run things. Maybe you learn how to run 'em, maybe you get run, but you can put it in your book that you get educated enough that if you do get run, you know it every time.

Remember how Uncle Bob used to rag us about never getting any more out of a thing than we put in? Sonofagun, Steve, the old man was right!

The fellows who bust around and seem to be working themselves to death without any return, but seem to want to boost just for the sake of boosting are the wise brothers who are really pulling down the education.

Now this new school bug has bitten a bunch, believe me, and they all want to pull for the honor and glory, etc., of the "Greater Rose" as they call it. Course they can't do much now. Can't really do anything, but it seems like they just have to cut lose with their excess pep and when they can't do a whole lot to boost the New along they got to take it out on the Old and then they get to trying to make the Old School a little better right away and the glory of the New School idea kind of turns into an "Old Rose Uber Alles" bug and then things begin to hum.

You'll find out for yourself next year when you come down to school. The older fellows say that school spirit is getting better fast and that next year we're going to have some real old fashioned pep.

And take it from me, Steve, we will!

Your pal,

Bill, '19.

---

OH BOY!—IF WE GET 'EM!!

The Technic publishes the results of a poll of the school, taken with a view to obtaining suggestions for the new school. Each student was asked for suggestions, and the following list gives them in the order of the number of times they were mentioned:

- Morris chairs in the Calculus Room......169
- Elevators and moving stairways.............150
- Morris chairs in the Chemistry lecture room ...................................146
- No recitations before nine o'clock ........127
- No recitations after two o'clock.........126
- No recitations at all ..........................111
- Morris chairs in the shop ....................101
- Cuspidors in the shop ..........................73
- Half holiday twice a week ..................65
- No one must enter the chemistry laboratory, but chemists ..............62
- An hour and one half at noon .............44
- Midday free lunch ..............................26
- Morris chairs in electrical laboratory ......22
- Cuspidors in the Chemistry laboratory ..16
- No text books required ......................15
- Co-education ..................................8
- Mohammedan Houris to serve free beer...1
AN EDITOR'S DREAM

MAROON ELEVEN SURPRISED BY HOOSIERS

Rose Holds Chicago to Two Touchdowns

Rose Wins Football Title

Fighting Engineers Prove True To Name

First Year At New School Is A Lucky One

With the low grade of the season and the coming of a new team in the Big Ten, Rose was to be a favorite. However, the team proved to be as strong as the predictions, and the Maroons were able to hold the Hoosiers to two touchdowns.

YCITY IS OPENED

The installation of the new gymnasium and locker rooms was a major accomplishment for the athletic department. The students were thrilled with the new facilities, which included a large gymnasium, locker rooms, and dressing rooms.

CEREMONY MARKS SETTING OF CORNERSTONE

Army and Navy

Ceremony Marks Setting of Cornerstone

Hill is Finally Carried

The cornerstone was set in place, marking the beginning of the new school. The ceremony was attended by hundreds of students, faculty, and community members.

ENEIGRS AGAIN HONOR OLD ST. PAT

Seniors Get Last Degree in Order of the Elephant

From an old custom of "honoring" St. Patrick's Day by students, the tradition continued with the new school. The students gathered to celebrate the day with a parade and a ceremony honoring the school's heritage.

ENGINEERS COP INITIAL CONTEST ON Mcgregor Field

Engineers Cop Initial Contest On Mcgregor Field

Mcgregor field was chosen for the initial contest, where the Engineers were able to showcase their skills. The game was intense, with both teams fighting to gain the advantage.

DEPAUW RUNS SECOND

Hanover Trails

Engineers Cop Initial Contest On Mcgregor Field

DePauw ran second in the contest, but the Engineers were able to come out on top in a thrilling game.

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ROSE TAKES I.C. A.L. TITLE

Capture Meet by 12 Point Lead

DePauw Runs Second—Hanover Trails

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A GLIMPSE INTO THE FUTURE
(A Fifteen Minute Sketch)

CAST OF CHARACTERS.

Briggs, '20 .......................... A Senior
Black, '21 ............................ Juniors
Rowe, '21 ............................. Juniors
Newell, '22 ............................. Sophomores
Gray, '22 .............................. Sophomores
Speed, '22 .............................. Sophomores
King, '23 .............................. Freshmen
Simmons, '23 ........................ Freshmen

TIME:
A Saturday morning in May, 1920.

PLACE:
Lounging room in the Student Union Building of the New Rose Polytechnic Institute.

(Curtain goes up showing Briggs seated near one of the open windows reading a popular magazine. Enter Rowe.)

Rowe—"Well, look at the gentleman of leisure. Who told you that you had time to fill your mind with any of the 'enervating literature of the day'? Don't you know this is Saturday morning? You never will get your thesis finished—much less win a medal if you carry on like that!"

Briggs (grinning)—"Toddle along Jimmy. Just because you're a Junior and have to report to Jojo at eight o'clock for phys. lab. don't take your spite out on someone else who has a right to loaf. (Looks at his watch.) Yes. and it's three minutes of eight now. It takes two and a half to get across to the labs, from here, so you'd better hurry."

Rowe (with envy)—"Gee, I wish I was a Senior. Nothing but thesis work for them from now on—pretty soft—here we Juniors put in thirty-five hours a week—Not an afternoon off."

Briggs (in a fatherly manner)—"My son, are you going to school for enjoyment or in order to increase your mental capacities?"

Rowe—"Quit quotin' Doc."

Briggs—"The Seniors don't have such a snap. I haven't any afternoons off myself. WE should have gone to school back in the old days. Before the school moved out here and the schedules were revised. The Juniors put in thirty-eight hours and the Seniors had two afternoons off each week. Pretty soft for the Seniors, but rough on the Juniors I imagine."

Rowe—"Thirty-eight hours a week—Goodnight! (Turns and looks at bulletin board on the wall.) Oh, Briggs, you duffer, why didn't you tell me that there were no classes this morning? Classes suspended for pep meeting! Are we going to beat Missouri? Watch us!"

(Exit freshmen.)

Briggs—"What a fine day! And nothing to do until Monday. This is the first time I've had a chance to loaf since Christmas."

Voice from without—"O-o-o-oh Briggs."

Briggs (waving his hand)—"Mornin' gang."

Voice—"Get your togs and come down to the first lake with us, we're all going swimming."

Briggs—"It's too cold."

Voice—"Come on, we were all in yesterday afternoon, and it was fine then."

Briggs—"Well, I'll be down in about an hour."

(Argument is heard outside of door. King and Simmons, two green capped freshmen enter.)

King—"Now listen Fat, this is the fifth time you've cut drill this semester. If you cut this time you'll get canned sure. You've only one more month of it this year, why make such a fuss about it?"

Simmons (tearfully)—"I don't care. If you were as fat as I am you wouldn't care for it either. It's fine business, having some cocky sophomore stand up and say, 'Position five—ready—one, two, three—for two hours on end, and then end up with 'double quick' for half a mile when you're too tired to breathe.'"

King—"You haven't the brains of a young elephant! If you'd stick with that stuff they'd make a man of you and get some of that flabby fat off you in spite of yourself. They don't want to kill you. They want to give you some exercise. Heaven knows you need it bad enough!"

Simmons—"I don't care. I'm not going to be bully-ragged by that gink, Wright, any longer. Just because he's a soph and made the gym team that won the Inter-state championship last winter he thinks he can—"

Briggs (interrupting)—"Simmons, as a member of the board of governors, I advise you not to miss drill on any account. Drill is a good thing for you. It's a good thing for any fellow. Let me tell you something, before the school moved out here there was no compulsory drill. Since drill has been made compulsory every professor out here reports that his classes are doing far better work, and that discipline is far better than it ever was before. If you were a Senior instead of a Freshman you'd have seen for yourself all the benefits of compulsory drill. If you happen to be sick, report to the doctor, but if you're not sick, you're just lazy. Your case of cutting drill has been up before the board before this, and if you cut again something's liable to happen to you. There will be no drill this morning on account of the meeting down at the athletic field, but if I were you I'd be on hand at the next drill."

King—"What? No drill this morning? Well, I'm glad of that myself. (Looks at bulletin board) "Pep meeting at 9:30. Come on Fat, let's take a walk."

(Exit freshmen.)
Briggs (smiling)—"These freshmen don't know what IS good for them. When I was a freshman, we'd have welcomed drill. These fellows get credit for it, too."

(A voice from without is heard singing, "When I was a student at Poly." Enter Black, yawning and looking very sleepy.)

Briggs—"This is a fine time of day to be getting up."

Black—"The luxury of sleeping late is due the triumphant heroes. Do you hate to allow us even that privilege after we cleaned up on Purdue so nicely yesterday. (Sarcastically) I suppose you didn't even know we beat Purdue?"

Briggs—"How could I help knowing. It was my turn to tend switch board over in the power house last night, and when you and your gang rolled in at 12:30, I thought you were going to tear down the whole Institute. Why the window panes rattled clear over there."

Black—"Bill, old boy, you should have seen them welcome us. Just as we piled off the car, they turned on the big gate lights and yelled—Gee, how they yelled. Then old Mike climbed up on the gate post and says, 'Come on fellows, let's give 'em Yea Rose!' And then you should have heard 'em."

Briggs—"The score was 4-2?"

Black—"Yes. 4-2 and an eleven inning game. I guess we got some little base ball team. We'll beat those fellows in football next year, and then things will be squared up."

(Sound of footsteps outside and much talking.)

Black—"Here comes the sophomore crew from number 30."

(Newell, Gray and Speed enter and seeing Black pounce upon him.)

Newell—"Hail the conquering hero!"

Gray—"The papers say he saved the day!"

Speed—"The marvelous southpaw."

Black—"Climb off me!"

Speed (pounding Black with both fists)—"He's a great man! He's a great man!"

Briggs—"Here, don't rough house and break up the furniture. Where are you fellows supposed to be due this morning?"

Gray—"Speed, you're a liar, a dirty liar. (Seriously) I can say though that I'm no friend of the gent who built that $300,000 auditorium. It's bad enough to get up in a class room and orate, let alone stand up in THAT place."

Newell (investigating letter rack)—"Yes, that idea of having all the houses the same style of architecture was certainly a good one."

Gray (looking at bulletin board)—"Speed, you're in luck. No English classes for us this morning."

Speed (fanning himself)—"Blessings on you Gray, but how's that?"

Gray (reading from board)—"There will be no classes on Saturday morning on account of the pep meeting. Students will meet at the athletic field at 9:30..."

Newell—"Rahs for the faculty. We've over an hour to spare yet. Let's go."

(Exit Sophomores.)

Briggs—"I understand, Bob, that you were elected on the St. Patrick's Day committee for next year."

Black—"Yes, I suppose it will mean a great deal of work, too."

Briggs—"Oh, I don't know. If you fellows get together early you can frame up something without worrying yourselves too much. Last year's committee got together in the Spring right after we were elected. We had all our plans perfected a few weeks after school opened in the fall."

Black—"You certainly had a real celebration. I had the time of my life at the dance that night—and that was only a small part of the whole celebration."

Briggs—"Well, your celebration should be better than ours. By the way, how is your memorial coming along?"

Black—"We decided just Wednesday to put in a fountain in front of the new library. You see the work can be done this summer, and we can get our fountain ready to dedicate the first day of school next fall. Oh say, what do you think of the Sophomores' idea of reviving the Modulus next year?"

Briggs—"Well, it will take lots of work, but they seem to have so much pep they simply have to have something to work it off on. I'm mighty glad to see them feel as they do."

(Sound of distant music is heard.)

Black—"Well, there's the band out for the pep meeting. We'll certainly need all the pep we got if we beat Missouri's track team for the third straight time today."

Briggs—"Well, if we do the big cup is ours. Wouldn't that look nifty as a permanent fixture in the trophy room?"

Black—"Come on Bill, let's go help old Mike out with his yells."

(Exit Briggs and Black.)

(Curtain.)
Military Training at Rose

For some time since the movement of Preparedness began to draw attention to itself it has seemed that public sentiment is gradually coming to regard military training in the American college as highly desirable, and the students of many schools are putting themselves on record as strong believers in it. Only recently the students of Harvard University petitioned their faculty to install a system of compulsory military training. At still a more recent date, and striking somewhat nearer home, the students at Indiana University petitioned their faculty for a course in military training. Wabash is to install such a course next fall. The movement is gradually becoming nation-wide in scope. The question is, "How long will it be before Rose joins?"

Judging from present appearances, by the time Rose is ready to enter her new home, sentiment will have developed to such a degree that opposition to such a step will be unthought of, and Rose will then, if not before, have military training as part of her prescribed course. But must we wait that long?

The sentiment of the Rose student body appears to be strongly in favor of military training. A good majority believe in it. It comes to our ears that the faculty are even now considering what such a step would mean. If such is the case let us throw the weight of our opinion against the prejudice which is apt to oppose such a radical move (it is sure to be termed that) and do what we can to make it a successful one.

There are very few objections to this move; all of them are, from our view point, relatively unimportant. Looking at it from what might be termed a personal point of view a number of advantages present themselves quite forcibly.

In the first place, there is a crying need for some form of physical exercise for Rose students. Outside of the men who make up the teams, students here take little or no exercise. The physique of the average Rose man is—well, rather poor. How many of them, do you suppose, could walk a thirty mile stretch without being stiff for a week afterwards? Of course, Rose men are not particularly bad examples, we are about like all the rest—and we could all stand a little more real sweat producing exercise.

Another thing we must admit is that our school spirit, although it does break forth now and then, is not exactly as well developed as it should be. Perhaps one reason for this is that the students are assembled as a body so infrequently. Military drill would probably bring the men together twice a week. Is this a solution?

The advantages of better discipline and training in obedience need not be mentioned, and in addition to these a few dozen more might be added if space allowed.

What are we going to do about it? Are we to get in with the leaders in this movement, or are we to bring up the rear? We have neither the ability nor the desire to make a stirring appeal in the name of patriotism. But that is unnecessary. We believe that the Engineer is a solid element in the American college at the present time, and that any movement worthy of support will surely receive aid from him.

If you would prove that, fill in the slip printed below and deposit it in the Technic box.

I, ___________________________ wish to state that I am heartily in favor of compulsory military training at Rose, and believe such a course would prove of great benefit to every student.

_____________________________
J. H. Beck, '12, who has been chemical engineer for the Rosiclare Lead and Fluor Spar mines, Rosiclare, Illinois, is with the engineering firm of Smith Emery & Co., at San Francisco, Calif. His position is assistant chemist.

Ernest E. Hess, '15, is at present located at Butler, Pa., where he is serving in the capacity of draftsman and designer for Spang & Co., manufacturers of gas engines and oil well supplies. This company is working overtime at present in an endeavor to fill a large war order at the earliest possible date.

A letter postmarked Dunedin, New Zealand, and stamped “Passed by the Military Censor,” recently received, brought the news that M. J. McWilliams, '09, is the Electrical Engineer on the staff of the Waisori Falls Hydro-Electric Plant, located at Dunedin.

Commencement week this year will probably be a big one. According to reports, the classes of '11, '06, '91, and '01, will hold reunions. The success of the '01 reunion is practically assured since over 80% of the class have already signified their intention of being present.

It seems very likely that we are soon to have another Rose Tech Club. A letter was recently received from H. G. Coordes, '15, who points out that since there are a number of old Rose men in and about Detroit, the Detroit Tech Club would be a fitting name for club No. 11. The matter has been brought to the attention of Doctor Mees and it is not at all unlikely that a new club will be organized within a short time.

Mr. Harry B. Hammond, '09, made the Institute a visit on April 8th, while making his parents a visit. He is now located at 165 Broadway, New York City.

CINCINNATI NOTES.

On the 27th day of March at 8 o’clock Queen City Club, Cincinnati, we held our regular old time smoker.

This was the finest one yet, and we had a mighty good crowd out.

J. D. Lyon, ex '02, was the chief engineer for the evening.

Piper, '10, gave a talk on the application of automatic controllers and lifting magnets, and had a number of slides illustrating the subject.

Mr. Jim Gibbons, ex '08, was Piper’s assistant for the evening and had charge of the picture machine.

We also had a number of slides that Dr. Mees very kindly sent us, and they covered past events at Rose as well as a number of slides which showed members of the faculty in their younger days.
L. S. Rose, '92, the youngest old member present took the floor and explained who was who as each face was thrown on the screen.

During all of the above entertainment the “Usual Feature” of our smoker was very much in evidence and enjoyed by all.

The departure from the usual routine of club smoker by having a short talk on a live engineering subject was well received and we expect to have a talk from a member of the club on different lines of work, for we have leaders in all lines.

One other feature of the evening was the introduction of three new live active members to our club, F. Townley, ex '00, Lester Backmann, ex '10 and James Gibbons, ex '08.

For the benefit of Dr. Mees we may add that Albert, '93; Townley, ex '00; Dale, ex '05; Rose, '92; Lyon, ex '92; and Brachmann, '98, had a few new ones to tell, but after a silent vote the “No’s” had it.

The percentage of attendance was well above the passing mark and our industrious president, Fritz Brachmann, has been wearing a smile ever since.

To describe in detail the fine time, we would have to use a vocabulary equal to Herr Von Wicky's. The safest way is to attend a Cincinnati smoker.

We expect to hold a dinner banquet the latter part of May and we hope to not only have every member of our club present, but we want at least one representative from each Rose Tech Club to be with us. “Sure! All the Dayton bunch are coming.”

Everyone that attends will be filled so full of enthusiasm and will be shown such a fine time, that the Cincinnati dinner will be one event of your life.

Dr. Mees is coming and he will bring a faculty member to help him home.

Prepare, is the word of the hour.


The “LeFro” Machine Company, Cincinnati, expects to move into larger quarters soon. Davis Levi, '13, is president of the company.

A. A. Bareuther, '10, was married at Wilkinsburg, Pa., April 12, 1916. Congratulations Adolph.

We have received some very enthusiastic letters from Fogarty, Crebs and Klinger, all of Dayton in regard to our coming banquet in May. Write often Dayton, we are all strong for you.

CHICAGO NOTES.

THIRTY-THREE Alumni members were present at the banquet, held at the Chicago Engineers’ Club on March 10; Dr. Mees being the guest of honor.

Below are given the names of those attending: Dr. Mees, A. J. Hammond, '89; C. B. Trowbridge, '05; H. H. Orr, '07; J. S. McBride, '05; W. A. Hazard, '04; J. E. Bernhardt, '08; C. M. Struck, '10; R. C. Floyd, '12; J. T. Scott, '14; Chas. C. LeForge, '14; B. O'Brien, '09; Chester Cotten, '15; Oscar G. Klenk, '12; Carl P. Rommel, '12; Clarence L. Nagle, '12; R. M. Ostrander, '13; Wm. F. Freudenreich, '98; H. Wetherbee, '92; Walter M. Wickham, '92; H. B. Sperry, '92; E. S. Jones, '02; Walter Mills, '92; W. B. Wiley, '89; H. C. Gilbert, '03; H. O. Wimsett, '11; S. S. Roberts, '98; W. G. Arn, '97; T. L. Condon, '90; Chester L. Post, '03; A. G. Shaver, '07; J. T. Montgomery, '98; J. T. Robbins, '08; Robert Wisely, '15.

Cards expressing regret at being unable to attend were received from:


Mr. Montgomery, president of the Chicago Alumni Association presided at the meeting. Mr. Wicks advised that he would be present at the banquet, unless prevented by the present serious illness of a member of his family. He was unable to be present, so it was moved by
Mr. Condron that our sympathy be extended to Mr. Wicks.

Mr. A. J. Hammond, '89, chief engineer of Union Station Company, who is in charge of the construction of the new Union Station Passenger Terminal, was introduced by Mr. Montgomery, and gave an interesting talk on this tremendously large undertaking, with the provision for electrification and subway connections at future date.

Dr. Mees was the next speaker, and described the work which had been done toward the new institute, showing blue prints of the adopted scheme, etc.

The new officers elected were:

Mr. Post, '03, nominated for president by Mr. Condron, and seconded by Mr. Wiley, nominations were closed and Mr. Post elected by unanimous vote.

Mr. Bernhardt of '08, was nominated secretary and treasurer by Mr. Wiley and seconded by Mr. Wetherbee, nominations were closed and Mr. Bernhardt elected by unanimous vote.

Dr. Mees brought greetings from Mrs. Burton, and Dr. Mees was delegated to extend the greetings of the club to Mrs. Burton and the faculty.

The club members were reminded that the weekly luncheon was still being held in the Men's Grill, Marshall Field Annex, every Friday. Usually from 10 to 12 attend these weekly luncheons.

**INDIANAPOLIS NOTES.**

THE Rose Tech Club of Indianapolis, held its regular monthly meeting at the University Club at 7:00 P. M. March 13, 1916. Those in attendance: Herbert Foltz, '86; Wilber Shook, '11; Donald Hubbart, '12; A. F. Brennan, '13; J. M. Rotz, '05; F. H. Reiss, '08; J. N. Compton, '15; Mr. Charles Marshall of the Indianapolis News.

The attendance was smaller than usual. On April the 26th the Purdue Harlequin Club will give George Ades, "Around the Campus" at the Murat Theatre. Each college alumni club has been invited to take a box (there are 24 boxes) and decorate it. It will be a "College Night" with plenty of noise and enthusiasm. The Rose Tech Club will attend.

During the meeting Mr. Foltz displayed some sketches of the new buildings and grounds. These were then discussed.

**TERRE HAUTE NOTES.**

TERRE HAUTE Tech Club held a banquet at the Hotel Deming on the evening of April 14, at which time new officers were elected, and plans for the raising of funds to aid the new school were discussed at length.

The new officers are E. S. Johonnott, president, and John B. Peddle, secretary-treasurer.

When informed of his election, President Johonnott immediately assumed the duties of his office, and called upon those members who have been active in the movement to raise funds to unfold the plans that have been developed.

Omar C. Mewhinney, President of the Alumni Association, went into detail in an explanation of what had been done by the Alumni Association. He stated that an advisory board consisting of Layman, St. Louis; Putnam, N. Y.; Waters, Schenectady; Pirtle, Cleveland; Miller, Louisville; Condron, Chicago; Hood, Indianapolis, and Royse, Terre Haute, had been appointed from the Alumni Association to consider and offer criticism on the new plans, and later a committee to evolve plans for the raising of funds was selected from this first committee. The second committee, known as the Ways and Means Committee, is headed by Layman, and has for its active members Putnam, Waters and Pirtle. Mewhinney, is of course, an ex-officio member. Mr. Mewhinney told of the activities of this
second committee. He stated that at their first meeting, they considered the whole proposition in a general way, and voiced the sentiment that the Alumni could, among themselves, raise $150,000, but that they felt that if they contributed that amount, the city of Terre Haute should contribute at least a similar amount.

He pointed out that the members of the committee present at the first meeting pledged themselves to almost $9,000 merely to show the feeling of the Alumni.

He sketched briefly the methods that had been pursued to raise funds at Stevens, Worcester, and Rensselaer, all of these three institutions having passed through the same stage regarding need for funds as that through which Rose is now laboring.

The appointment of Royse and Failing by the Board of Managers, together with the steps leading up to their appointment were other matters brought out.

Following Mr. Mewhinney, Dr. Mees made quite a lengthy talk.

He said in part:

"Few members of the alumni appreciate the conditions under which Rose Polytechnic Institute is operated at the present time. Too many have a misconception of the resources of the institution. It is generally thought that Rose had been richly endowed, and was getting along nicely. It was true that when the institution was endowed by the late Chauncey Rose, it was richly endowed. Since then conditions have changed. While the interest on the fund created has been depreciating each year, the expenses have been increasing. The incomes the institution has since received have scarcely offset the depreciation in interest. While the institution is enormously more expensive than when it was originally started the endowment is scarcely more than it was originally.

"During the last 10 or 15 years the institution has been compelled to be more economical in carrying on its work than it should be. If it had not been for the loyalty of the faculty and board of managers, the institution might have died. With the exception of Harvard, the Rose Polytechnic Institute is the most cosmopolitan university. Whether its traditions are to be continued depends on the proposed financial campaign."

In the discussion that followed it was brought out that the Alumni campaign would probably be organized through the several Tech Clubs in the various cities, and that the entire country would be divided into districts and the work in each district be turned over to a certain club.

All the Tech Clubs will hold meetings in the near future at which they will pledge themselves to any action deemed practical by the Advisory Committee.

The local Tech Club will hold regular meetings each month at a date to be decided later. A definite program will be arranged for each meeting. The next meeting will be held the second Friday in May. The club is also planning to hold a District Tech Club meeting each year during the Christmas holidays, and hopes to assist in the Commencement program in June.

It is the hopes of the club to interest many of the men who have attended Rose for a time, but did not graduate.

Any non-graduates will find a welcome waiting at any of the Terre Haute Club meetings.
SENIOR THESIS.

Design of a steel mill building. C. F. Carlisle.

An investigation into the waste products from the feed stuff used at the Merchants Distillery. G. W. Brooks, M. E. Manson.


Design of sewerage system for lowlands lying west of Seventh St. and north of Maple Ave., Terre Haute, Ind. H. J. O'Laughlin.

Design of substructure and approach for highway bridge at Durkey's Ferry, Ind. R. E. Finley.

Design of concrete bridge over Sugar Creek in Parke County, Indiana. D. W. Holloway.

Design for a combination highway and traction bridge across Lost Creek on Lafayette Avenue. A. H. Lyon.

Design of a reinforced concrete highway overhead bridge over the Vandalia Railroad at Glenn. R. Trimble.

Determination of tractive resistance of various types of pavements and roads upon automobiles. F. W. Kingery.


To determine the dielectric strength of insulations. R. F. Leinberger, G. W. Evans.


A study and investigation of alternating current wave forms. E. S. Flarsheim.


The hot air anemometer. S. C. Leibing.


Determination of the effect of the relative humidity upon the power of the gasoline engine. D. W. Hite.

Design of a six-cylinder automobile engine. F. C. Wagner, Jr.


The adaptability of Vanadium bronze for bearings. V. L. Whitacre.

ATTENTION SOPHS!

Unless someone rises to the occasion in the very near future the class of 1918 will have to go down on record as having been unable to
support a class banquet. What do you say fellows, are we going to miss our big annual eats? Pawn your overcoat or stop smoking but let’s have our banquet. Your committee is willing to find the best possible menu in town.

It is mighty discouraging to have all but a few say that they are broke. Surely you have not been broke all year! Come on fellows, let’s not be dead ones!

FRESHMAN BASEBALL.

Hats off to the Frosh! They have organized a real for sure baseball team (complete in every detail) and are now engaged in preparation for coming conflicts with the two local high schools as well as the Varsity. It is probable that a few trips will be made to some of the neighboring villages where exhibition games will be played. Meff has a number of old uniforms, and will be able to outfit the team in style. Regular practice will be held, with Varsity “scrimmage” each week.

Floyd was elected captain, and Streeter given the honor of holding down the managership.

No definite line-up has been announced but the one big bet is that “Fat” Peker will prove the most efficient backstop candidate on the squad.

All kidding aside, though, our freshman team should be given a regular ovation when they make their first appearance on the diamond. The idea is an excellent one, and should be a great help to Meff in getting a line on first team material for next season’s wallopers of the globule.

STUDENT COUNCIL MEETING.

April 7, 1916.

O’Laughlin, Carlisle, Risser, Wyman, Gray, Hild, Grafe, present.

Carlisle and Risser appointed on a committee to see that reports are ready for each meeting as regards what money will be necessary for the coming month.

Report of finances by Mefford:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total received</td>
<td>$1,237.00</td>
</tr>
<tr>
<td>Basketball expense</td>
<td>$560.71</td>
</tr>
<tr>
<td>Football expense</td>
<td>542.99</td>
</tr>
<tr>
<td>Other items; salary, bases,</td>
<td></td>
</tr>
<tr>
<td>I. C. A. L. dues, etc.</td>
<td>317.38</td>
</tr>
<tr>
<td>Deficit at present</td>
<td>164.15</td>
</tr>
</tbody>
</table>

Estimate of expenditures for April:

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weldele, printing</td>
<td>$10.00</td>
</tr>
<tr>
<td>Weldele, printing</td>
<td>8.00</td>
</tr>
<tr>
<td>Bookstores</td>
<td>6.00</td>
</tr>
<tr>
<td>Brunner</td>
<td>5.20</td>
</tr>
<tr>
<td>Ermisch</td>
<td>1.50</td>
</tr>
<tr>
<td>Laundry</td>
<td>3.46</td>
</tr>
<tr>
<td>Telegraph</td>
<td>2.40</td>
</tr>
<tr>
<td>Guarantee, DePauw and E. I. S. N.</td>
<td>70.00</td>
</tr>
<tr>
<td>Umpires</td>
<td>10.00</td>
</tr>
<tr>
<td>Bats</td>
<td>9.00</td>
</tr>
<tr>
<td>Balls</td>
<td>7.00</td>
</tr>
<tr>
<td>Track Suits</td>
<td>30.00</td>
</tr>
<tr>
<td>Ball Suits</td>
<td>35.00</td>
</tr>
<tr>
<td>Cinders</td>
<td>4.50</td>
</tr>
<tr>
<td>Laundry</td>
<td>6.00</td>
</tr>
<tr>
<td>Labor</td>
<td></td>
</tr>
<tr>
<td>Salary</td>
<td>85.00</td>
</tr>
</tbody>
</table>

$293.06

Moved by Stuart, seconded by Gray, that $35.00 be appropriated for baseball suits. Carried.

Moved by Stuart, seconded by Grafe, that old suits be kept by Athletic Association. Carried.

Moved by Hild, seconded by Carlisle, that $320.00 be appropriated from General Fund to Athletic Association for April expenses.

Moved by Carlisle, seconded by Risser that $4.00 be appropriated from General Fund for pictures in May TECHNIC.

Moved by Grafe, second by Wyman, that $164.15 be appropriated from General Fund to Athletic Association to cover deficit.

Carlisle, Wyman, Tilley, appointed on committee to compile report of student expenditures in city.

Meeting adjourned.

P. J. Grafe,
Recording Secretary.
SINCE this is a period of transition from the inside to outdoor sports, no games or meet has been held since the close of the basketball season, with the exception of a practice baseball game with the Terre Haute Highlanders, which the Engineers captured by a 2 to 1 score. This does not mean inactivity, however; every fit evening has seen Rose field covered with a goodly bunch of candidates for track, baseball and football, the soccer game having been inaugurated this spring by Director Mefford.

Apparantly Rose should be represented by a strong baseball team this season. Carter, Stoltz, Brown, Trimble, Kline, Bake, Larr, McKeeever and Coates are all experienced men and most of them are regulars of last year. Barnes, Buck, Cooper, Thiry and Rheinhard are among the newer material. Thiry looks promising as one of the sorely needed twirlers to relieve our “old reliable” Brown. Rheinhard has already cinched his place at first sack and Buck is a candidate for an infield berth. The initial trip is to Purdue. The season schedule follows:

April 12—Purdue at Lafayette.
April 15—DePauw at Terre Haute.
April 22—E. I. S. N. at Terre Haute.
April 28—Wabash at Crawfordsville.
April 29—Chicago University at Chicago.
May 6—Indiana State Normal at Rose Campus.
May 10—DePauw at Greencastle.
May 13—Butler at Indianapolis.
May 17—E. I. S. N. at Charleston.
May 19—Ind State Normal at Normal Campus.
May 24—Waseda University (Japan) at League Park.
May 27—Wabash at Terre Haute.

THIS will be a live season for field and track events at Rose. Several meets have been scheduled. Our team goes to Crawfordsville, April 22, and will undoubtedly meet strong opposition in the Little Giants. However, win or lose, the candidates are working faithfully for the meet, regarding it as a preparatory training for the inter-collegiate meet among all secondary colleges which will be held on Rose Field, May 20, under the auspices of Rose and State Normal jointly. A three cornered meet between DePauw, Normal and Rose is being arranged for May 7.

Heedwohl, Smith, Stuart, Streeter, Bolton and a number of others expect to enter the dashes and runs. Captain Risser is going good in the high jump, while Carter is expected to capture the running broad—and most any other event he may enter. McKee has some promise in the pole vault. All the Engineers will be represented by a stronger track organization this year than for any time during the past several years.
INTERVIEWS WITH CELEBRITIES.

III. OUR FRIEND SAM.

(Time—Umph years hence.)

After following the regular proceedings and sending in our cards, we were ushered through the palatial halls of the splendid Rose Polytechnic Institute and came finally to a sumptuous room, scoured and scrubbed until not even an atom of dirt remained. In one corner was an elaborate switchboard and reclining in an easy chair before it was our friend Sam. Sam was whiling away his time by perusing a volume entitled “Electrical Engineering for the Janitor, or How to Take it Easy.” He greeted us effusively.

“Good mawnin’ boys,” he said.

We explained that we understood that he had gained the reputation of being Indiana’s premier janiting efficiency expert, and would like to have him explain his methods.

“All you have to do suh,” said Sam, “is to throw a switch, and whosh!—youah work is done!”

Whereat he turned a couple merely as a matter of exhibition and informed us that the automatic vacuum cleaners were holding full sway in the gymnasium and were “cleanin’ up slick.”

“Impossible,” we exclaimed, “Poly gyms aren’t that way.”

Sam grinned. “You a’ fohty years back, mistuh,” he said. “The new puhfumed swim-min’ pool we got is th mahvel of the country.”

We inquired if he was able with his electrical appliances to keep the entire school in good shape without the aid of any assistants, but were informed that the assistant work was most ably performed by a former athlete named Binhack who had received his early training by taking care of the old gymnasium in his spare moments.

Just then we were interrupted by the ringing of many bells on the switchboard, and Sam said the temperature of the building was below that required, and that he would have to get to work.

We saw him last as he was earnestly working the switches in an endeavor to get the furnace fire started.

—

Her—You ought to have seen Mabel run the quarter mile.
It—What did she do it in?
Her—I don’t know what you call the darned things.—Chaparral.

March 12, 1916. 7:30 p. m. o’clock.
The Girl—William, did you get many marks at school this week.
Bill Bruning (Feelingly)—I should say I did but I can’t show them to you.

—

DUTCH STUFF.

Charman—What will the exam be on?
Froggy—Everything we have covered, including the introduction.
Mikels—I suppose that will include the vocabulary, too.

She—“All the boys are crazy over me.”
He—That’s my opinion, too.”

—

’NOTHER BRIGHT ONE.
Furry—Say Wagner I’ll put you with the crystals. You’ll be a half form!

Bright Electrical—“I’m studying how electric light is made.”
Sweet Young Thing—“Why, all I have to do is push the button.”—Siren.

Captain—“What’s he charged with, Casey?”
Officer—I don’t know the regular name for it, captain; but I caught him a-flirtin’ in the park.”
Captain—Oh, that’s impersonatin’ an officer.—Judge.
Senator Ragsdale (talking of days when prairie schooners made their appearance):

"And what followed the schooners?"

Voice—"Oysters after each one!"—Kernel.

"Will the vaccination mark show doctor?"

"That depends entirely on you, madam!"—Puck.

EVEN AS GERMANY!

Murphy—"Smock just hit me in the eye."

Goldstein—"What did you do?"

Murphy—"What could I do? He disavowed the whole incident immediately afterwards."

EVEN IN THE TRENCHES.

Sentry—"Halt! Who goes there?"

Voice—"Chaplain."

Sentry—"Pass, Charlie, all's well."—Boston Transcript.

1st Freshman—"Did you see 'Don Quixote' at the Varieties?"

2nd Freshman—"Yeh, gee, wouldn't that make a swell book?"

A LITTLE AMERICAN PASSENGER.

"Pa, the other boys keep picking on Willie. Every time he goes to school they jump on him."

"That so? Then I guess we'll have to keep Willie out of school and off the streets. Just warn him that if he goes out tomorrow, he does so at his own risk."—Detroit Free Press.

CHECK!

"What is an amateur?" is still one of the raging queries of the hour. But, in spite of all the recent discussion, we haven't changed the answer we evolved four years ago, viz, "Anyone who can get away with it."—New York Tribune.

A marvelous and extraordinary thing has happened. At a recent meeting of The Technic staff, a motion was put to a vote in the customary manner, those in favor saying "Aye," those contrary the same. And though there were "ayes" both times, no one said, "the 'ayes' have it." Oh, Lord, what is this world coming to?

German Frightfulness—"and then the Germans charged, and the captain shouted, 'Shoot at will,' and I shouted, 'which one is he?' And then they took away my gun and now I can't play any more."—Lampoon.

How sweet to awaken in the morn,
When sunbeams first begin to creep
Across the lea, and then to turn
Right back again and go to sleep.
—Youngstown Telegram.

How sweet to rouse at 1 A. M.
And bid a long farewell to slumber;
And fall across a chair to tell
Some chump he's calling the wrong number.
—Houston Post.

How sweet to awaken in the morn
Without one bit of fear or doubt,
And then to quickly realize
The furnace fire is all but out.
—Ashtabula Star.

AND OUR OWN EFFORT.

How sweet to awaken in the morn.
When eyes are all with sleep encrusted,
And then, all shivering, realize
The doggoned water pipes have busted.

And the proof reader slipped this in on us:

How sweet to awaken in the morn
When the hour hand points to ten
O, my! O, me! but don't we cuss
'Cause we forgot to set "Big Ben."

It is quite probable that at the New School the physics recitation room will enclose a cinder track as much greater speed can be obtained by Jo Jo upon it.

"So you met my son in college?"

"Yes, sir; we slept in the same English Class."
Ye Men of Rose!

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ORION L. STOCK, B. S., Instructor in Drawing.
H. L. COLES, B. S., Instructor in Chemistry.
W. G. RANELS, Superintendent of Shops.
MRS. S. P. BURTON, Registrar.
RUSSELL E. LAURENCE, B. S., Fellowship Instructor in Mathematics.
DOM. P. SAVANT, B. S., Fellowship Instructor in Electrical Laboratory.

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THE SENIOR NUMBER OF THE ROSE TECHNIC
WE present this book without apologies. It is what it is. It is to be hoped that it will, in a way, fill in the gap left by our extinct Modulus. If it does, or if it does not—that is for you to judge. We doubt not your opinion will be expressed.

Since this is the last number put out by the 1915-16 staff, we have attempted to make it a review number, and in it to emphasize some of the little things that have gone to make the past year what it has been. Since the Seniors are leaving, and since they have been a fair sort of class in spite of an ingrown propensity toward excess use of the anvil, it is rather proper that this book be dedicated to them. Therefore it is.

It is to be hoped that they will meet with success in 'their chosen profession,' as Doc would say, and that they will accumulate enough riches to raise a family and a building fund for the New Institute; it is to be hoped that they will gain fame—a measure of it; but above all it is to be hoped that when riches and fame do come, the little old school that furnished the start will not be forgotten, but that she will be seen in her true perspective by every man and be given the credit that is justly due her.

We cannot wander on at length, but there is one thing more that should be said. In presenting this we have come to realize, most acutely, that there is 'nothing really new beneath the sun.' Therefore we say, Oh Alumni, this book is not for you! It is intended only as a reminder of the past college year to those who are departing. If any of it makes an appeal, it will not do so because it is unique or original. And to you who have read such books since '92, and to you who are in search of the out-of-the-ordinary, the original, the never-before-seen, we say 'Turn over the page.'

We are almost finished—one more last parting shot and we are done. This has been a good old year for Rose, and if you will look back through the January Technic, you will see a particular reason for elation on our part.

Spirit is growing. Things are getting better. And as we are human we must yield to the temptation.

You see, 'We told you so!'
THE ROSE TECHNIC.

CARL LEO MEES, Ph. D.
President.
"See me! C. L. M."

JOHN WHITE, Ph. D.
Professor of Chemistry.
"— which we will take up in our next lecture."

MALVERD A. HOWE, C. E.
Professor of Civil and Architectural Engineering.
"You men have great ideas—"

ARTHUR S. HATHAWAY, B. S.
Professor of Mathematics.
"Waal boys, you must learn to apply yourselves."

JAMES A. WICKERSHAM, A. M.
Professor of Languages.
"Close the transom — —"

JOHN B. PEDDLE, M. E.
Professor of Machine Design.
"Now, let's look at it from just a little different point of view."

FRANK C. WAGNER, A. M.
Professor of Mechanical and Electrical Engineering.
"That's wrong. Correct it!"

EDWIN S. JOHONNOTT, Ph. D.
Professor of Physics.
"The fundamental formula in the whole science of electrical engineering—the crux of the whole thing."

ROBERT L. MCCORMICK, C. E.
Professor in Mechanics and Associate in Civil Engineering.
"Say, are you tryin' to start something?"

CLARENCE C. KNIPMEYER, B. S.
Associate Professor of Electrical Engineering.
"Oh these Senior theses!"

"You'd better mark this passage."
ALBERT A. FAUROT, A. M.
Associate Professor of Languages.
"For next time take ten more pages in 'Der Chemie'."

HAROLD A. THOMAS, C. E.
Associate Professor of Civil Engineering.
"Well now shoot—shoot, gee whiz!"

CARL WISCHMEYER, M. S.
Associate Professor in Drawing and Machine Design.
"All Engineers have slide Rules, but the converse is not true."

WILLIAM G. RANELS,
Assistant Professor of Shop Management and Practice.
"Well, how are you getting on in your work?"

ORION L. STOCK, M. S.
Instructor in Drawing.
"Um—er—ah."

HENRY L. COLES, M. S.
Instructor in Chemistry.
"Attention to Roll Call."

DOM P. SAYANT, M. S.
Instructor in Electrical Engineering Laboratory.
"Youse guys see Knippy about that."

RUSSELL E. LAWRENCE, B. S.
Instructor in Mathematics and Physical Laboratory.
"Happy Days!"

THOMAS R. TYGETT,
Secretary to the President.
"Doc wants to see you."

MRS. S. P. BURTON,
Registrar.
"You always spell Sophomore with an 'O'."

"Speech, 'Fessor!"
CLASS OFFICERS
HOWARD J. O’LAUGHLIN .................. President
SAM P. STONE .......................... Vice-President
OSCAR P. HUTCHINSON ................. Secretary-Treasurer

George E. Anderson.
"Swede." Mechanical, M. E. P. Class President (3). The Swede is a sober fellow with a mind of his own. As solidity usually accompanies stolidity it seems that he has a bright future in store.

John C. Barrett.
"Jack." Mechanical, Sigma Nu. Class President (1, 2) Student Council (1, 2), Technic Staff (3), Basketball (1, 2, 3, 4). "Easy for Jack." If he can't get an engineering job he can report for the Star. He hasn't an enemy in the school.

George W. Brooks
"Bubbles." Chemical, M. E. P. Technic staff (1, 2, 3), Mandolin Club (1, 2, 3, 4), Camera Club Secretary (4). George would rather work Calculus than eat. He aspires to be a Chemical Engineer but has elected so many Mechanical credits that he is considered a pretty good scout after all.

J. Paul Brown
"Pud." Mechanical, V. Q. V. Baseball (1, 2, 3, 4), Basketball (2, 3, 4). Pud is a son of "Old Wiley High." has done his share of work on the diamond, and has a deep contempt for all assistant managers.

Clarence F. Carlisle
"Floss." Architectural, Theta Xi. Secretary-Treasurer Symphony Club (1), Secretary - Treasurer Camera Club (2), President Athletic Association (4), St. Patrick Committee (4). Floss is a member of the Carlisle and Stone team. If he can't make a living at his regular trade, he can get by on the stage.

F. Guy Coates
"Guy." Civil, Sigma Nu. Baseball (1, 2, 3, 4). Guy is a civil, but that is not to be held against him. He is one of the great number Brazil has sent to Rose to be made into a h-1 of an engineer.

J. Albert Dailey
"Al." Electrical, M. E. P. Al is an Electrical and since he "settled down" is making a good one. He joined the ranks of the married men last fall, and is now able to stay home and study o' nights.

Clarence L. Davidson
"Davy." Electrical, V. Q. V. The Terre Haute Star will undoubtedly have to suspend publication when Davy graduates. Besides being a business man he is a basketball shark. What would the '16 team have been without Davy at center?

Glen W. Evans
"Glen." Electrical, M. E. P. His worst habit was that of making up sleep in Gas Engines. He is an Electrical and a poker player of no small ability.

Ralph E. Finley
"Pop." Civil, P. I. E. S. Orchestra (1, 2), Basketball Manager (4), Technic Staff (4). Here we have the versatile man! Besides being a good Civil, he is a violinist of ability, writes sport dope for the Technic, and made a cracking basketball manager.

Edwin S. Flarsheim
"Eddie." Electrical, Freshman Medal, Honors (2, 3). Eddie copped off the Freshman Medal, was honor man in his Sophomore and Junior years, and will without doubt get the Gold Medal (not flour) this year. He is a very recent addition to the ranks of the married men.

"We-ah Seniors!"
Elmer Gadberry
“Gad.” Chemical. Although Gad spent two terms at Normal, he came to Rose finally, so we'll close our eyes to the Normal part. He holds the unique reputation of having seen more shows at the Grand than any other Senior in school.

F. Carr Goldsmith
“Gonie.” Mechanical. Sigma Nu. Class Vice-President (2), Athletic Board (1, 2), Football (3, 4). Gonie has tried many forms of entertainment, but has found nothing to equal the “Owl Hunt.”

David W. Hite
“Dave.” Mechanical. Glee Club (1, 2, 3, 4). Dave came to school to learn something, and has studied with this purpose in view. He is relaxing somewhat in his Senior year though, and is now quite a ladies’ man.

David W. Holloway
“Toad.” Civil. David is persevering, to say the least. After years of continual study and hard work, he is ready to graduate. And it is a fact—Dave can work like h–1 if he wants to.

Oscar P. Hutchinson
“Hutch.” Mechanical, Class Secretary (4), Secretary Scientific Society (4). Hutch is big in more ways than one. He believes in letting other fellows do the talking, but don’t ever think that his reticence is due to ignorance.

Roy I. Kattman
“Kattie.” Civil. Sigma Nu, Athletic Board (3, 4). The longest man in the class. He is rather fond of liquid refreshments and should be able to hold considerable. There’s lots of room for it.

Frederick W. Kingery
“Dutch.” Civil. Theta Xi, Class Secretary (1), Basketball (2, 3, 4), Football (3), Football Manager (4), Mandolin Club (1, 2, 3, 4), St. Pat. Committee (4). Dutch’s specialty is charging down the basketball floor like a bull in a china shop. He certainly gets good results, though, so what matter his method. He would make a good matinee idol.

Frank J. Kline
“Bruno.” Electrical. Baseball (1, 2, 3, 4), Basketball (1, 2). He is a wizard on the diamond, especially at the inside stuff, and he never has to fear that anyone else will beat him out of that OLD THIRD position.

Robert B. Larr
“Bobbie.” Electrical. V. Q. V. Baseball (1, 2, 3, 4), Basketball (3, 4), Football (2), Baseball Captain (3, 4). Bobbie knows baseball from A to Z, and can play nearly any position on the team. He is another man without an enemy.

Sidney C. Leibing
“Syd.” Electrical. Sigma Nu, Glee Club (1, 2, 3, 4), President Glee Club (4). Syd is a good electrical, and has been known to burn midnight oil at times. That explains why his batting average in all his work is high.

Robert F. Leinberger
“Bob.” Electrical. M. E. P. Glee Club (2, 3, 4). The best little Jitney Bus driver in the Institute. They say he uses the Big Four to Paris very frequently.

Richard D. Leitch
“Dick.” Chemical, M. E. P. Technie Staff (3, 4), Business Manager Technie (4), Track Manager (4), Vice President Scientific Society (4), Glee Club (2, 3, 4). Dick is the only man who ever finished the civil engineering course in half a term, except O’Brien. He did it by request.

Albert H. Lyon
“Liz.” Civil. Theta Xi, Mandolin Club (1, 2, 3, 4). Liz isn’t married yet, but he has designs. He is not the hardest worker in the class, but believes in enjoying life.

Morris J. McKeever
“Pete.” Chemical. A. T. O. Glee Club (2, 3, 4), Baseball (3, 4). Pete is an able assistant to Prof. Schomer. He knows lots of stories too, but can never remember them at the proper time.

“Now about that committee.”
George Maier, Jr.
"Mike." Mechanical, Sigma Nu. Why do they call him Mike? Nobody knows. He tends strictly to his own business, and is therefore worthy of much praise.

Mahlon E. Manson
"Manse." Chemical, M. E. P. Technic Staff (3, 4), Glee Club (3, 4).
Manse is the best Chemist and Differential writer we have. He also listens to the wedding march with expectation. He is an expert handler of the shovel, having recently gone into the business with Brooks.

Allen D. Merrill
"Al." Mechanical, Sigma Nu. He holds the proud distinction of being the only father in the Senior Class. "Go Thou and do likewise." Al is going to make good.

William H. Motz
"Bill." Mechanical, P. I. E. S. Class Secretary (3).
Bill never has much to say, but he is always congenial. His face wears the smile that won't come off, and he never loses his temper.

John F. O'Brien
Jack entered the class in his Sophomore year and raised its standard accordingly. He was Leitch's partner in the Civil Engineering Short Course.

Howard J. O'Laughlin
"Fat." Civil, P. I. E. S. Class Vice President (1), Athletic Board (3), Class President (4), President Student Council (4).
Fat started out to be a chemist, but a little bit of it proved to be enough, and he transferred his affections and endeavors to the Civil Course.

J. Harold Overpeck
"Peck." Electrical, M. E. P. Peck is never so happy as when he is working out some deep problem concerning electricity, which is, in our opinion, abnormal.

H. Eugene Smock
Our idea of nobody to pick a fight with is Eugene. He is the most consistently tempered man in the school. He is a pal of Flarsheim's.

Albert R. Somers
"Crock." Electrical. Football (3, 4).
Crock is another one of those rough electricals. He was a tower of strength on the football team this season, until his elbow was dislocated.

Warren R. Spencer
"Spence." Civil, Indiana University, A. B.
Spence has his A. B., will soon have his B. S., and already possesses a wife, what more?

Roscoe R. Stoltz
"Casey." Electrical, V. Q. V. Baseball (1, 2, 3, 4).
Casey is a mighty man with the bat, but he has been known to duplicate the act of his storied predecessor. He receives visitors each evening at his offices in the Great Northern Hotel.

Sam P. Stone
"Sam." Electrical, Theta Xi. Class Vice President (3, 4), Secretary A. I. E. E. (4), Glee Club (3, 4), Secretary-Treasurer Glee Club (4), Mandolin Club (1, 2, 3, 4), St. Pat. Committee (4).
Sam is a little man, but the most popular in the class. When he and Carlisle get together, there's comedy ahead.

Ralph A. Stuart
"Stew." Mechanical, M. E. P. Athletic Association (3), President Y. M. C. A. (4), Technic Staff (4), Track (1, 2, 3, 4).
Stuart is one of the rare few who have taken any interest in track, and the school owes him a debt for it. He also shouldered the responsibility of running the Y. M. C. A. this year.

"I am a booster for Rose St. Patricks Day."
Clarence T. True

"Everett." Electrical. Everett is the man with the sneeze. He has startled more students from profound slumber than anyone else in the Institute.

Casper F. Wagner

"Cass." Mechanical. Sigma Nu. Orchestra (2, 3). He entered school under the handicap of having his father in the faculty, but has managed to live it down. He is credited with the Artistic Temperament.

Robert A. Weinhardt

"Bob." Mechanical. A. T. O. Secretary-Treasurer Symphony Club (2), Glee Club (2, 3, 4), President Glee Club (3), Finance Committee (2).

Bob is a business man from the word go. He doesn’t believe in sitting down—much, and like Goldsmith he rather favors Owl Hunts.

Verne L. Whitacre

"Verne." Mechanical. Whitacre is just about the most quiet and unassuming man in the class, but he’s got the stuff in him for a’ that.

—

SENIOR PERSONALITY INDEX

<table>
<thead>
<tr>
<th>NAME</th>
<th>DESCRIPTION</th>
<th>FOOD</th>
<th>DOES HE CHEW?</th>
<th>MARRIED?</th>
</tr>
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<tbody>
<tr>
<td>G. G. Anderson</td>
<td>Tough</td>
<td>Horse Meat</td>
<td>Yes</td>
<td>Not Much</td>
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<tr>
<td>J. C. Barrett</td>
<td>Congenial</td>
<td>Newspaper</td>
<td>Climax</td>
<td>Before Long</td>
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<tr>
<td>G. W. Brooks</td>
<td>Fleshy</td>
<td>Puns</td>
<td>Spearmint</td>
<td>Some Day</td>
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<tr>
<td>J. P. Brown</td>
<td>Serious</td>
<td>Grape Nuts</td>
<td>Hell Yes</td>
<td>No Designs at Present</td>
</tr>
<tr>
<td>C. F. Carlisle</td>
<td>Billiken</td>
<td>Nectar</td>
<td>Anything</td>
<td>Like to be</td>
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<tr>
<td>J. H. Carter</td>
<td>Greek God</td>
<td>Brazil Nuts</td>
<td>Sometimes</td>
<td>Not for Some Time</td>
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<tr>
<td>F. G. Coates</td>
<td>Playful</td>
<td>Nails</td>
<td>The Rag</td>
<td>Extremely So</td>
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<td>J. A. Dailey</td>
<td>Gotahell</td>
<td>Cigars</td>
<td>Informally</td>
<td></td>
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<td>Business Man</td>
<td>Mail Pouch</td>
<td>Never</td>
<td></td>
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<td>G. W. Evans</td>
<td>The Ladies’ Pet</td>
<td>Irish</td>
<td>He Won’t Tell</td>
<td>Hell No</td>
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<td>R. E. Finley</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td>E. S. Flarsheim</td>
<td>Ditto</td>
<td>Park</td>
<td></td>
<td></td>
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<td>E. Gadberry</td>
<td>Devilish</td>
<td>Devill’s Food</td>
<td>Only His Food</td>
<td>He Wants a Jap</td>
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<tr>
<td>F. C. Goldsmith</td>
<td>Meek</td>
<td>Yeast</td>
<td>Uh-huh</td>
<td>May be in Love</td>
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<td>D. W. Hite</td>
<td>Studious</td>
<td>Axle Grease</td>
<td>Never Been Caught. Wants to Be</td>
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<td></td>
<td></td>
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<td>Elongated</td>
<td>Beer</td>
<td>I Should Say So</td>
<td>No Thought of it</td>
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<td>F. W. Kingery</td>
<td>Handsome</td>
<td>Tooth Paste</td>
<td>Not From Inclination Has Hopes</td>
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</tr>
<tr>
<td>F. J. Kline</td>
<td>Same as Kingery</td>
<td>Raw Meat</td>
<td>He Can’t</td>
<td>No</td>
</tr>
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<td>R. B. Larr</td>
<td>Sober</td>
<td>Baseballs</td>
<td>The Idea!</td>
<td>Before Long</td>
</tr>
<tr>
<td>S. C. Leibing</td>
<td>Polite</td>
<td>Midnight Oil</td>
<td>Of Course</td>
<td>Inquire in Paris</td>
</tr>
<tr>
<td>R. F. Leinberger</td>
<td>Pugnacious</td>
<td>Wieners</td>
<td></td>
<td></td>
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<td>R. D. Leitch</td>
<td>Runty</td>
<td>Chili Con Carne</td>
<td>Five Brothers</td>
<td>He’s “Offa” that stuff</td>
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<td>A. H. Lyon</td>
<td>Winsome</td>
<td>Oatmeal</td>
<td>Sometimes</td>
<td>Nearly</td>
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<td>M. T. McKeever</td>
<td>Spectator</td>
<td>Love</td>
<td>Old Kentucky</td>
<td>Maybe</td>
</tr>
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<td>G. Maier Jr.</td>
<td>Cute</td>
<td>Massage Cream</td>
<td>Same as Leibing</td>
<td>Same as Kingery</td>
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<tr>
<td>M. E. Manson</td>
<td>Religious</td>
<td>Same as McKeever</td>
<td>Stomach too Weak</td>
<td>Same as Maier</td>
</tr>
<tr>
<td>A. D. Merrill</td>
<td>Fatherly</td>
<td>Malted Milk</td>
<td>Doubtful</td>
<td>Alas Yes</td>
</tr>
<tr>
<td>W. H. Motz</td>
<td>Sunbeam</td>
<td>Rain Water</td>
<td>Probably</td>
<td>Absolutely no Desire</td>
</tr>
<tr>
<td>J. P. O’Brien</td>
<td>Smiling</td>
<td>Alum</td>
<td>Honest Scrap</td>
<td>Search Us</td>
</tr>
<tr>
<td>H. J. O’Laughlin</td>
<td>Politician</td>
<td>Same as Kattman</td>
<td>Anything</td>
<td>Some Day</td>
</tr>
<tr>
<td>J. H. Overpeck</td>
<td>Stern</td>
<td>Electricity</td>
<td>Horseshoe</td>
<td>Has Designs</td>
</tr>
<tr>
<td>H. E. Smock</td>
<td>Pleasent</td>
<td>Angel Food</td>
<td>Incessantly</td>
<td>Reported Engaged</td>
</tr>
<tr>
<td>A. R. Somers</td>
<td>Effeminate</td>
<td>Onions</td>
<td>Betcherneck</td>
<td>Not for Him</td>
</tr>
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<td>W. R. Spencer</td>
<td>Can’t be Published</td>
<td>G—d Knows</td>
<td>No</td>
<td>Very Much So</td>
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<td>Pugilist</td>
<td>Nobody Knows</td>
<td>New</td>
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<td>Same as Carlisle</td>
<td>Same as Carlisle</td>
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<td>Sober</td>
<td>Liniment</td>
<td>Yucatan</td>
<td>No Attraction</td>
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<td>Loquacious</td>
<td>Castor Oil</td>
<td>Everything</td>
<td>Not Yet</td>
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<td>C. T. True</td>
<td>Skinny</td>
<td>Ker-Choo</td>
<td>Snuff</td>
<td>Unknown</td>
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<td>Distressed</td>
<td>Milk</td>
<td>Oh, My No</td>
<td>Next Fall</td>
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<td>Self Sufficient</td>
<td>Blutwurst</td>
<td>Hay</td>
<td>Same as Weinhardt</td>
</tr>
</tbody>
</table>

"We are planting the Rose Poly Jinx."
The Rose Technic.

Juniors

Richard Aitken
"Dick." Civil, M. E. P. Football Manager (4), Class Secretary (2), Class Treasurer (3).
Dicky always carries a broad smile and a line of choice stories dating from before the war. He is an optimistic chap whose greatest fault is taking college life too seriously.

Elmer Austermiller
"Oyster." Electrical.
As a fusser Oyster is in the Gum Shoe Class, having taken the north end by storm against all opposition. He is getting his share of education as it is dished out at Rose, having a particular attraction for the A's.

Arvil M. Binback
"Bin." Civil. Track (1, 2, 3), Holds Rose Discus Record.
Bin has in him the making of a good Civil Engineer, but in case that does not agree with him, he may take advantage of an offer from Barnum & Bailey. To keep in practice he makes a habit of carrying the Civil section around on his back.

Benjamin Brodsky
"Benito." Mostly Chemical. In search of a thorough chemical education he decided to study in America, and so landed at Rose in the fall of 1913. We suspect him of socialistic tendencies, but believe he is too practical to make an exceptionally good anarchist.

Floyd S. Carpenter
Carp comes from Loo-ville. His idea of heaven is a hundred miles of Pennsylvania with lots of gas in the tank, but he also professes to enjoy firing the shop boilers just for amusement. That beats us!

Raymond S. Davis
"Jap." Mechanical, V. Q. V. Scrap Captain (1), Football (1, 2, 3), Basketball (1, 2, 3), Basketball Captain (3), Athletic Board (1), Married (3).
The middle initial in Jap's name must stand for Scrap. He is a good natured giant and has never been known to lose his temper. As a tackle he has gained fame throughout the state.

Thomas M. Evans
"Tommy." Electrical.
Tommy thinks it is a crime to hurry. He usually puts in a complacent appearance at the Institute about fifteen minutes after Knippy starts discussing the weather. He possesses a wonderful insight into how things should be done.

Edgar N. Goldstine
"Ishe." Civil.
As Assistant Business Manager of the Technic (3), All Financial Committees.
Patronize Our Advertisers! Come on fellows, let's get together! Hot stuff, and lots of it—that's Ishe. He is the little human dynamo when it comes to pep, and the Lowbrows all regard him as a "real educated gent."

Henry C. Gray
"Pinkey." Mechanical, M. E. P. President, Camera Club (3), Technic Photographer (3).
The bright adornment over his ears is no false alarm that there is something doing inside. He is a protege of Jacky with a weakness for extra credits. He has an undying affection for all kinds of steam locomotives, and will probably invent a new type some day.

Frederick W. Hild
"Fritz." Electrical. Theta Xi.
Class President, (1, 2, 3). Honorable mention (2). Member of first St. Patrick's Day committee (2), Student Council (1, 2, 3). Editor-in-Chief, Rose Technic (3). Cheer Leader (3).
He put this book out on the twentieth ("*!*") of each month this year, in spite of the fact that he had to deal with vagaries of Don M. Nixon and Don's linotype machine. What more could be said?

George W. Holding
"Holdunz." Mechanical. Theta Xi.
By enjoying himself to the utmost at the Junior Banquet, he can never call his life a failure. George is a handsome man, but at that he grew tired of wearing picturesque Civil boots. Now he is a greasy Mechanical.

Harry W. Knox
"Knox." Electrical. P. I. E. S.
Knox is a dignified looking cuss who picked out the Electrical course as a good one. His ponderosity might well be used in curbing the erratic ambition of "Selfie."

"We got to do something fellers."
THE ROSE TECHNIC.

John C. Rector.

"Red." Electrical. A. T. O. Technic Alumni Editor (3). Symphony Club (1, 2, 3). Band (2, 3).

Why Red ever left that dear Marshall we don't know, but we're mighty glad he did. Like "Selfie" he is a bit erratic, but we love him just the same. One of his shining virtues, however, is that he is an ardent admirer of women, or rather Woman. He often studies at noons in order that he may "wile away a pleasant evening."

Edward W. Richardson.


Eddie is a short specimen, built broad. His versatility runs from building elephants overnight to planning the details of a junior party at the Rendzvous. If you want anything done, see Eddie. He has the real Rose Pep.

Walter S. Risser.

"Riss." Electrical. V. Q. V. Track (1, 2, 3). Asst. Track Manager (3). Financial Secretary Student Council (3), Track Captain (3).

Track is the only dissipation that Riss enjoys, but since he comes from Paris that is natural. His pleasing features have been the cause for much concern among the local ladies, but he resolutely keeps his mind on one back home, and saves his money for car fare.

Wayne K. Self.

"Selfie." Electrical. P. I. E. S. Wayne entered Rose as a matter of course and seems well satisfied. A constant string of monotonous words are given out by him when working in lab or shop, and as their meaning is often quite obscure we are worried. We attribute his eccentricities to genius gone wrong.

Harold M. Smith.

"Smitty." Chemical. V. Q. V. A. C. S. Class Treasurer (3), Tennis Manager (3). Honorable Mention (1, 2). We believe that we can correctly assume that Smitty absorbed about all the education they passed out at Indianapolis, and that he is getting his share here. His great ambition is to become a consulting chemist.

Milton Tilley.

"Milt." Chemical. A. C. S. When the first odors of Chem Lab entered Milts nostrils it gave him such a pleasing sensation that he decided then and there for Chemistry. He was scheduled to graduate this year, but a severe illness in his second year compelled him to drop out temporarily.

Harry A. Toelle.

"Tool." Mechanical. P. I. E. S. A lad who claims he is not Irish—but lamp that mug! He is a plumber by inheritance and should have elected a course supervised by Jojo and Knippy—but Pa said no!

Donald B. Weaver.

"Buzz." Mechanical. Theta Xi. Technic Artist (2). Band (2, 3). Buzz expects to become a "Chief Mechanical Engineer" some place shortly after graduation. For reference see Ranels or Logan. N. B. He builds autos.

J. Lex Weeks.

"Prof." Chemical. M. E. P. Hats off to Prof, the only man who ever called Mac's bluff! He is exceedingly frank, and when any Prof fails to make himself clear, Weeks gives vent to. "Say where didje get that?" When the last layer is laid on next year, he will be a "real scientist."

Edward W. Richard.


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"You can't begin to realize how it helps the team!"
<table>
<thead>
<tr>
<th>Name</th>
<th>Class</th>
<th>College</th>
<th>Activities</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Le Roy Allen</td>
<td>Soph.</td>
<td>Mechanical</td>
<td>P. I. E. S. Athletic Association (1), Basketball (2)</td>
<td>&quot;Tall in stature, in wisdom long.&quot;</td>
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<tr>
<td>Fred Crapo</td>
<td>Soph.</td>
<td>Electrical</td>
<td>A. T. O. Football (1, 2), Track (1, 2)</td>
<td>&quot;He thinks too much, such men are dangerous.&quot;</td>
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<tr>
<td>Louis Bake</td>
<td>Soph.</td>
<td>Chemical</td>
<td>A. T. O. Football (2), Baseball (1, 2)</td>
<td>&quot;And then the rooters shouted. 'Ok Louie, pole 'er out!'&quot;</td>
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<tr>
<td>Lix da Cunha</td>
<td>Soph.</td>
<td>Civil</td>
<td></td>
<td>&quot;To obtain thy ends, lay bashfulness aside.&quot;</td>
</tr>
<tr>
<td>Richard Bergmann</td>
<td>Soph.</td>
<td>Architectural</td>
<td>Theta Xi. Technic (1, 2), Honorable Mention (1)</td>
<td>&quot;A combination and a form indeed.&quot;</td>
</tr>
<tr>
<td>John Ward Bolton</td>
<td>Soph.</td>
<td>Chemical</td>
<td>A. C. S. Football (2), Track (2)</td>
<td>&quot;Confusion here has made his masterpiece.&quot;</td>
</tr>
<tr>
<td>Walter Charman</td>
<td>Soph.</td>
<td>Mechanical</td>
<td>Band (1, 2), Orchestra (1, 2)</td>
<td>&quot;A much abused mortal.&quot;</td>
</tr>
<tr>
<td>Paul Curtis</td>
<td>Soph.</td>
<td>Chemical</td>
<td></td>
<td>&quot;He tho't some of entering the ministry.&quot;</td>
</tr>
<tr>
<td>Clyde Cooper</td>
<td>Soph.</td>
<td>Electrical</td>
<td></td>
<td>&quot;Be to his virtues very kind And to his faults a little kind.&quot;</td>
</tr>
<tr>
<td>Krieg Failing</td>
<td>Soph.</td>
<td>Electrical</td>
<td></td>
<td>&quot;He was a shark when he had his lesson.&quot;</td>
</tr>
<tr>
<td>Erlund Cornell</td>
<td>Soph.</td>
<td>Mechanical</td>
<td>P. I. E. S. Pledge.</td>
<td>&quot;He leaves the same as he came.&quot;</td>
</tr>
<tr>
<td>Chester Falls</td>
<td>Soph.</td>
<td>Mechanical</td>
<td>V. Q. V. Sigma Nu Pledge. Basketball (2)</td>
<td>&quot;He liked work when it was far away.&quot;</td>
</tr>
<tr>
<td>Chester Cortelyou</td>
<td>Soph.</td>
<td>Electrical</td>
<td></td>
<td>&quot;One ear heard it and the other, out it went.&quot;</td>
</tr>
<tr>
<td>Carl Geiger</td>
<td>Soph.</td>
<td>Chemical</td>
<td>V. Q. V. Pledge.</td>
<td>&quot;Gentle words are always gain.&quot;</td>
</tr>
</tbody>
</table>

"So I went home and told my wife I'D get him."
Antonio Gouvea  
"Gouvey." Mechanical.  
Vice-president Class (2).  
"Money is the root of all evil."

Paul J. Grafe  
"Camel." Civil. Sigma Nu.  
Class President (1, 2), Football (1, 2), Student Council (1, 2).  
"Some popular chief, more noisy than the rest."

Harry Harbulak  
"Arry." Mechanical. P. I. E. S.  
"Happy go lucky, fair and free, Nothing there is that bothers me."

Robert Hartough  
"Bob." Chemical. A. T. O.  
"He oft has burned the midnight oil, but not to study."

Leslie Heedwohl  
"Les." Chemical. V. Q. V. A. C. S. Pledge.  
Track (1, 2).  
"The pain of one maiden's refusal is drowned in the pain of the next."

David Henry  
"Henerry." Mechanical. M. E. P.  
Track (1, Glee Club (1, Football (1, 2), Camera Club (2).  
"I content myself to be obscurely good."

George Henry  
"Seed." Chemical. Sigma Nu. Football (1, 2), Basketball (2).  
"Indeed, indeed 'tis can repentance I score.  
But tell me, was I sober when I score?"

Daniel Howard  
"Scroob." Civil. A. T. O.  
Athletic Board (1, 2), Basketball (2).  
"The strongest passion which I have is honor."

Herbert Hutchinson  
"Hutchy." Electrical.  
"Quietness wherever he went."

Harold Kessler  
"Hap." Electrical.  
Camera Club (2).  
"Here's metal more attractive."

Frederick Klatte  
"Fritz." Mechanical.  
"He took his work like play."

Robert Long  
"Bob." Civil. P. I. E. S.  
"Nothing's too good for the Irish."

Samuel Mckee  
"Sam." Civil. A. T. O.  
Track (1, 2).  
"Long of shank, and willing to extend himself."

George Mering  
"George." Civil.  
Camera Club (1).  
"Lover of peace and friend of human kind."

John Mikels  
"Jawn." Mechanical. Sigma Nu.  
Baseball (1, 2), Class Secretary (2).  
"Quiet but all the more worthy."

Ivan Miller  
"Ike." Chemical.  
Football (2).  
"Hang sorrow! Care will kill a cat  
And therefore let's be merry."

E. Dee Minnick  
"De." Electrical. P. I. E. S.  
"Deep versed in books."

James Orr  
"Doc." Mechanical. Sigma Nu.  
Athletic Association (2), Football (2), Basketball (1, 2).  
"As pretty as they make 'em."

"The Good Ship Rock and Rye."
Who are those guys with the knowing air
And that most impressive style?
Who are the chaps with that highbrow look,
Beating every one else a mile?
They seem to be important men,
Do they hold positions high?
Say, what is their standing, what is their rank,
And why do they look so fly?
Could the school go on without their aid
Or would it close its doors?
"Say, come right outa that pipe dream trance."
"They’re only the Sophomores!"

"Read out the exemptions, Fessor!"
Raymond F. Abbett
“Red.” Chemical. V. Q. V. A. C. S.
(Miller’s side kick.) “Hairs of a color flock together.”

Edward Ewens
“Ed.” Civil. Sigma Nu.
“He had two hands on the pipe.”

Benjamin F. Anthony
“Ben.” Electrical.
“What a spendthrift he is of his tongue.”

Owen G. Floyd
“Slivers.” Electrical. Sigma Nu Football (1), Basketball (1), Freshman Baseball Captain.
“The whole world loves an athlete.”

Alvin Barnes
“Butch.” Mechanical. V. Q. V. Football (1), Baseball (1).
“Alvin is such a frail delicate youth.”

Paul L. Fuqua
“Pawl” Architectural. V. Q. V.
“Who says nothing but saws wood.”

William H. Bruning
“Bill.” Electrical. Theta Xi.
“An old fish, too cunning for the hook.”

Adolph A. Geiger
“Dutch.” Mechanical. V. Q. V.
“Some spark plugs good, a tank of gasoline, Macadam roads, no hills, and my machine. That’s paradise enough for me.”

John R. Cain
“Johnny.” Mechanical. V. Q. V.
“The ‘R’ stands for ‘Raise’.”

Richard P. Gillum
“Dick.” Mechanical. A. T. O. Class Secretary (1).
“Dickie Boy is some little ball player.”

Dewitt Cromwell
“Cromie.” Chemical. A. T. O.
“Our own Oliver.”

Herschell A. Hearn
“Hersch.” Electrical. V. Q. V.
“City life agrees with young Hearn.”

Arthur L. Ervin
“Art.” Chemical. A. T. O.
“He speaks and behaves just as he ought.”

J. Walter Hauck
“Poetry.” Mechanical. V. Q. V. Banquet Committee (1).
“One vast substantial smile.”

“We put the toot in the Institute.”
Warren McKeen Hussey
"Deacon." Chemical. A. T. O.
"A lovely being, scarcely formed or moulded. A rose with all its sweet leaves yet unfolded."

Alexander P. King
"Alex." Electrical. A. T. O. Class Vice President (1).
"Girls, look at that pompadour!"

Leland S. Kurfess
"Kurf." Mechanical. Sigma Nu.
"One may smile and smile and still be a villain."

Richard A. Leathers
"Shorty." Mechanical. A. T. O.
"Reputation—oft got without merit, and lost without deserving."

William Riley McKeen
"Bill." Electrical. A. T. O.
"Better late than never."

Ivan Mendenhall
"Mendy." Electrical. M. E. P.
"Talk—Talk—Ye Gods, how he does talk!"

Emmet L. Miller
"Red." Chemical. V. Q. V. A. C. S.
"All the great men are dying off, I'm not feeling well myself."

Thomas N. Murphy
"Tom." Mechanical.
"An encyclopedia of facts."

Robert J. Owen
"Bob." Chemical.
"Have you ever seen him drop kick?"

George M. Owens
"Owie." Mechanical. P. I. E. S. A. C. S.
"George is one loyal '19er."

Frank F. Peker
"Fat." Mechanical. Banquet Committee (1), Scrap Captain (1).
"He led the Frosh against the mighty Sophs."

J. Stanley Petri
"Bluebeard." Mechanical.
"Our foremost fusser."

John K. Piety
"Pie." Mechanical. A. T. O.
"Unshaken as eternal Hills."

George R. Probst
"Speed." Mechanical.
"He has it soft in French."

Joseph Reese
"Joe." Mechanical.
"The village cut-up."

Adolph E. Reinhard
"Ick." Mechanical. V. Q. V. Basketball (1), Baseball (1), Athletic Board (1).
"In action, how like an angel."

Aaron W. Richardson
"Richie." Mechanical. M. E. P.
"The boys all pick on Aaron."

Frank C. Schilt
"Schilt." Chemical. Sigma Nu. Banquet Committee (1).
"The jinx has dogged his trail and made life weary."

"Here, Freshman, get that Soph!"
THE ROSE TECHNIC.

Herman G. Schlaman

"Baron." Chemical. Theta Xi.

Enter—Baron von Schlaman.

( Great applause.)

Lester S. Stinson

"Les." Mechanical. Theta Xi.

"Lots of pep!"

H. Winton Streeter

"Wint." Mechanical. A. T. O.

"Youth, Hope, Ambition—Here they are portrayed."

K. Paul Thiry

"Winslow Dud." Architectural.

"He plays a horn and baseball."

FRESHMAN CATALOGUE

<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Pastime</th>
<th>Food</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbett</td>
<td>Red</td>
<td>Umpiring</td>
<td>Pepper</td>
</tr>
<tr>
<td>Anthony</td>
<td>Noise</td>
<td>Talking</td>
<td>Butter</td>
</tr>
<tr>
<td>Barnes</td>
<td>Husky</td>
<td>Football</td>
<td>Anything</td>
</tr>
<tr>
<td>Bruning</td>
<td>Specs</td>
<td>Censored</td>
<td>Less than 8%</td>
</tr>
<tr>
<td>Cain</td>
<td>Voice</td>
<td>Shop</td>
<td>Water</td>
</tr>
<tr>
<td>Ervin</td>
<td>Graceful</td>
<td>Proper</td>
<td>Honey</td>
</tr>
<tr>
<td>Ewens</td>
<td>Boots</td>
<td>Athletics</td>
<td>Venison</td>
</tr>
<tr>
<td>Floyd</td>
<td>Built</td>
<td>Chatter</td>
<td>Crackers</td>
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<tr>
<td>Fugua</td>
<td></td>
<td></td>
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<tr>
<td>Gillum</td>
<td>Bulk</td>
<td>Fatimas</td>
<td>Tea</td>
</tr>
<tr>
<td>Geiger</td>
<td>Chug-Chug</td>
<td>Joy Riding</td>
<td>Gasoline</td>
</tr>
<tr>
<td>Hussey</td>
<td>Speed</td>
<td>Wearing Green Lid</td>
<td>Chocolate Sodas</td>
</tr>
<tr>
<td>Hauck</td>
<td>Trimbles Nose</td>
<td>Baseball</td>
<td>Devil's Food</td>
</tr>
<tr>
<td>Hearn</td>
<td>Country</td>
<td>Y. M. C. A. Cake</td>
<td></td>
</tr>
<tr>
<td>King</td>
<td>Hair</td>
<td>Curling It</td>
<td>Sody Pop</td>
</tr>
<tr>
<td>Kurfess</td>
<td>Handsome</td>
<td>Tobacco</td>
<td>Women</td>
</tr>
<tr>
<td>Leathers</td>
<td>Height</td>
<td>Sleeping</td>
<td>Thompsons</td>
</tr>
<tr>
<td>Mendenhall</td>
<td>French</td>
<td>Telegraphy</td>
<td>Moth Balls</td>
</tr>
<tr>
<td>McKeen</td>
<td>Eye-brows</td>
<td>Saving Pennies</td>
<td>Pie (any kind)</td>
</tr>
<tr>
<td>Miller</td>
<td>Freckles</td>
<td>Star</td>
<td>Epsom Salts</td>
</tr>
<tr>
<td>Murphy</td>
<td>Dark</td>
<td>Reciting English</td>
<td>Wax</td>
</tr>
<tr>
<td>Owen</td>
<td>Sweater</td>
<td>Walking</td>
<td>None</td>
</tr>
<tr>
<td>Owens</td>
<td>Socks</td>
<td>Baseball</td>
<td>Cheese</td>
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<td>Poker</td>
<td>Fat</td>
<td>Eating</td>
<td>Baked Beans</td>
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<tr>
<td>Piety</td>
<td>Legs</td>
<td>Plowing</td>
<td>Old Style</td>
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<td>Petri</td>
<td>Beard</td>
<td>Working</td>
<td>Hair Tonic</td>
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<td>Eyes</td>
<td>Spitting</td>
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<td>Walk</td>
<td>Ball</td>
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<td>Richardson</td>
<td>Spots</td>
<td>Looking Wise</td>
<td>Milk</td>
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<td>Schilt</td>
<td>Crutches</td>
<td>Basketball</td>
<td>Medicine</td>
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<td>Schlaman</td>
<td>Pipe</td>
<td>Music</td>
<td>Coke</td>
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<tr>
<td>Stinson</td>
<td>Study</td>
<td>Corn Flakes</td>
<td>Medicine</td>
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<tr>
<td>Streeter</td>
<td>Happy</td>
<td>Hussey</td>
<td>Chero-Cola</td>
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<tr>
<td>Thiry</td>
<td>Out-shoot</td>
<td>Pitching</td>
<td>Soup</td>
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<tr>
<td>Tilley</td>
<td>Pomp</td>
<td>Kiddin Mac</td>
<td>Crabs</td>
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<tr>
<td>Werbner</td>
<td>Tan</td>
<td>Getting A's</td>
<td>Hot Dogs</td>
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<tr>
<td>Wessel</td>
<td>Fingers</td>
<td>Smoking</td>
<td>Angel Food</td>
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<tr>
<td>Woodruff</td>
<td>Proper</td>
<td>Singing</td>
<td>More Beer</td>
</tr>
<tr>
<td>Wiedemann</td>
<td>Head</td>
<td>Track</td>
<td>Blane Mange</td>
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<tr>
<td>Zimmerman</td>
<td>Indian</td>
<td>Fixing It</td>
<td>Ammunition</td>
</tr>
</tbody>
</table>

"Where's that cap, Freshman?"
SNAPS

"Check!"
There are seven fraternities at Rose, three being local two being general fraternities, one a national fraternity of Engineers, and one a professional fraternity.

The Indiana Gamma Gamma Chapter of Alpha Tau Omega was the first fraternity founded at Rose. This chapter was installed in 1893. Sigma Nu was the second fraternity to find a home at the Rose Polytechnic Institute, the local charter being granted in 1895. The three locals came into existence next, when P. I. E. S., M. E. P. and V. Q. V. were organized in 1900, 1903 and 1905. Two years after V. Q. V. was founded, the Kappa Chapter of the Theta Xi fraternity began life, and in 1909, the local chapter of Alpha Chi Sigma was installed.

It is interesting to note that Alpha Tau Omega, possesses three charter members, Sigma Nu and P. I. E. S. claim five, Theta Xi has six, Alpha Chi Sigma and M. E. P. began with nine men, and thirteen men founded V. Q. V.

At the present time Alpha Chi Sigma has a chapter role of six active members, P. I. E. S. possesses thirteen, Theta Xi and Sigma Nu fifteen each, M. E. P. eighteen and V. Q. V. and Alpha Tau Omega nineteen.

There has always been intense rivalry between the fraternities at Rose, and in order that the fraternity men may be drawn more closely together and that a better feeling may be created, an Inter-Fraternity Board has been established. This board, consisting of two representatives from each fraternity and one faculty member, has done good work in regulating rushing and in establishing definite rules of conduct to be observed by the fraternities.

"Get back of the team!"
ALPHA CHI SIGMA

SENIOR
John F. O'Brien

JUNIORS
M. Harold Smith
Milton Tilley

SOPHOMORES
John W. Bolton
Carl E. Geiger, Jr.
Leslie J. Heedwohl (Pledged)

FRESHMEN
Raymond F. Abbott (Pledged)
Ralph P. Buck (Pledged)
Emmett L. Miller (Pledged)
George M. Owens (Pledged)

"Let's get more wood for the fire."
"Please open this door Sam. I forgot my cap."
SENIOIRS
Robert A. Weinhardt
Morris J. McKeever

JUNIORS
John C. Rector
Vern J. Whelan

SOPHOMORES
Frederick M. Crapo
Robert H. Hartough
Daniel M. Howard
Chauncey S. McKee
Louis S. Bake

FRESHMEN
De Witt P. Cromwell
Arthur L. Ervin
Richard P. Gillum
Warren M. Hussey
Alexander P. King
Richard A. Leathers
William R. McKee
John K. Piety
H. Winton Streeter (Pledged)

"Patronize our advertisers!"
"I am heartily in favor of compulsory military training!"
P. I. E. S.

SENIORS
Ralph E. Finley
Howard J. O’Laughlin
William H. Motz

JUNIORS
Chester A. Williams
Fred K. Wyman
Wayne K. Self
Harry A. Toelle
Harry W. Knox

SOPHOMORES
Robert P. Long
Harry J. Harbulak
Earl D. Minnick
Leroy Allen (Pledged)
Erlund B. Cornell (Pledged)
Fred Springer (Pledged)

FRESHMEN
Ralph P. Buck
George M. Owens
R. Earl Wessel (Pledged)

“Call out the missionaries.”
THE ROSE TECHNIC.

M. E. P.

SENIORS
George G. Anderson
George W. Brooks
James A. Daily
Glen W. Evans
Robert F. Leinberger
Richard D. Leitch
Mahlon E. Manson
J. Harold Overpeck
Ralph A. Stuart

JUNIORS
Richard Aitken
Floyd S. Carpenter
Henry C. Gray
W. Edward Richard
James L. Weeks

SOPHOMORES
David B. Henry
Goldsborough Robinson
Paul A. Stoner
Elmer F. Williams

FRESHMEN
Aaron W. Richardson
Ivan S. Mendenhall (Pledged)

"The damage was estimated at six thousand dollars."
V. Q. V.

SENIORS
J. Paul Brown
Joe H. Carter
C. L. Davidson
J. F. O'Brien
H. E. Smock
R. R. Stoltz
R. B. Larr

JUNIORS
Harold Smith
W. S. Risser
R. S. Davis

FRESHMEN
R. Abbe
A. N. Barnes
A. Reinhard
W. Hauck

(Pledged)
John R. Cain
Paul L. Fuqua
A. Geiger
H. A. Hearn
Ivan Miller
K. Paul Thiry

"Paddling Bee."
THE ROSE TECHNIC.

THE GLORY OF THE "R."

THOUGH it is but a bit of undyed felt blocked in the shape of the letter "R" and worth only a few cents, it means much. It has a meaning to all of us, those who have gallantly won the right to its use, and those who have not been so fortunate. Yet to those who know not of the strivings which it demands it cannot hold the meaning which it possesses for those who have fought and won, and those who have fought and lost.

The "R" stands for sacrifice, for loyalty, for never-quitting grit, for sportsmanship, for courage, for labor, and, in its final attainment, for success.

It is not every year that Rose may claim the honors of a state champion. Rose teams are not always winners. Yet after all, that is an empty honor in itself. Our boast is that under the most trying circumstances, and in the face of worst defeat the old spirit of Play-the-Game and Never-Say-Die always stands triumphant.

That is why every wearer of the "R" is truly deserving of having his name inscribed on the Old Rose scrolls of fame. That is why these men are called THE FIGHTING ENGINEERS.

"Team! Team! Team!"
FOOTBALL

1915-1916

The football season of 1915-16 opened with bright prospects for one of the best teams which has represented Rose in years. We had a heavy line and splendid end and back field material, the plays being centered largely around Capt. Carter at left half. So long as the combination which represented Rose during the first half of the season remained unchanged, the Engineers proved irresistible. E. I. S. N., Hanover, Earlham, and Butler in turn were defeated. The Earlham game, though a victory, was so costly in injuries to our best men, that all hope for a championship team went glimmering. Six regulars were kept out of the game for a month after this contest, and Carter was forced out permanently, Davis being then elected team captain in Joe’s place. An entire reorganization was thus made necessary. By strenuous effort on the part of Coach Gilbert, a new combination was developed which defeated Butler on Rose field just seven days after the disastrous fray with the Quakers.

The squad met defeat at Louisville by a larger score than was expected. The Winona Aggie game on Rose field, Nov. 6, was played in the dusk and the Aggies won a fluke contest.

Against DePauw, however, the team played a beautiful game, and with the help of a hundred or more rooters who went to Greencastle with the team, the Engineers gave DePauw a real battle. Although this game was a defeat for Rose it is the game of the season of which we are most proud. With practically a green team on the field the Engineers showed their old time fighting and demonstrated what an important part of football the Never-Say-Die Spirit is. Time after time the Rose men carried the ball to within a few feet of the Methodist goal and failed to score only by inches. Rose went to DePauw with odds ten to one against her, but compelled DePauw to fight for every inch of ground gained. Critics say that the game should have gone to Rose.

Following a week of examinations and consequent slight practice, the team journeyed to Culver where, after a hard fight, met defeat at the hands of the cadet team in the final game of the season, giving a total for the season of four games won and four games lost.

SUMMARY OF SEASON

Oct. 2—E. I. S. N. at Terre Haute........Score—Rose 34, E. I. S. N. 0.
Oct. 9—Hanover at Terre Haute.........Score—Rose 38, Hanover 14.
Oct. 30—Louisville U. at Louisville, Ky...Score—Rose 6, U. of L. 22.
Nov. 6—Winona Aggies at Terre Haute......Score—Rose 6, Aggies 7.
Nov. 13—DePauw at Greencastle...........Score—Rose 6, DePauw 14.
Nov. 25—Culver Military Academy at Culver.Score—Rose 6, Culver 33.

"Let's have at 'em."
BUCK
Buck played quarter this season. We all believe his injury in first half cost Rose the DePauw game.

GOLDSMITH
"Goney" has played four years of college football. He ran the team from half-back position during half of the DePauw game.

FLOYD
"Slivers" proved to be one of the best centers Rose has had in years, passing the egg with accuracy and reliability.

WOODLING
"Bill" plays guard. He saw service in several of the hardest games of the season.

CRAPO
"Freddy" played sub-center, and was never known to miss an evening’s practice.

PETRI
"Bluebeard" played in a few games. His experience and consistent effort this season will add to his value next year.

HAUCK
Brickley has nothing on Hauck when it comes to practicing the art of drop kicking.

WIEDEMANN
"Wiedy" is young and ambitious. He should develop into a star.

CASEY
"Casey" is either our jinx or our mascot, we know not which, but he is a lively little devil anyway you take it.

SOMMERS
"Abe" is a reliable tackle. He went through three years of football without injury but got a broken arm in the middle of his last season.

SPRINGER
"Chic" would have made a valuable man this year but he couldn’t synchronize with the leader of the band.

TRIMBLE
"Ricky" demonstrated his versatility by playing end, quarter and a half at various times during the season.

BAKE
"Louie’s" weight and ability were demonstrated to many an opponent in the line. He does guard duty.

ORB
"Doc" covers ground like a range-fed long-horn and has the weight to carry him through the line. He played a good half this year.

BARNES
"Butch" fought under Old Rose colors this year for the first time and showed his worth. Few holes were opened through his tackle.

YATSKO
A hard-hitter and a fighter who keeps smiling, even when the game gets rough. End and half this season.

HENRY
"Seed" started at center but later shifted to guard. He played a splendid game against DePauw.

WAGNER
"Waggy" showed his mettle at Earlham in this his first season for the Old Rose and White. He played end.

GRAFE
"Camel" made his reputation by an eye-brow tackle in his freshman year when learning the game, but has almost lived it down.

“Towels, Casey.”
THE season at this writing is a little more than half over. Following Mr. Gilbert’s coaching of basketball, Athletic Director Mefford has taken entire charge of track and baseball. Rose is represented in the latter sport by practically the same team which played last year, with the exception of Reinhard. The team is seriously handicapped by a lack of pitchers, Brown being practically the only man available. Of the thirteen games scheduled seven have been played, six being lost and one won. Meff says the jinx was ditched at Chicago, and the fans are looking forward to a whirl wind finish in spite of the bad start. Waseda University, national champions of Japan, will be met late in May.

### SUMMARY

<table>
<thead>
<tr>
<th>Date</th>
<th>Opponent</th>
<th>Score</th>
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<tr>
<td>April 12</td>
<td>Rose 2, Purdue 7</td>
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<tr>
<td>April 15</td>
<td>Rose 3, DePauw 7</td>
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<td>April 29</td>
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<tr>
<td>May 6</td>
<td>Rose 2, Normal 1</td>
<td></td>
</tr>
</tbody>
</table>

### BROWN

“Pod” is a pitcher who has performed well in college circles. He has done practically all the slab-work for the Engineers for two years.

### BAKE

“Louie” is our hefty backstop, and one of the few dependable hitters on the squad. He loves baseball but never lets it get him excited.

### CARTER

“Joe” is at home in left field, but lately discovered he could play first base; he covers more ground and handles the hard ones with more ease than any one on the team.

### TRIMBLE

“Ricky” has held down the second bag for three years, and covers his territory like a regular—when not afflicted with the croup.

### REINHARD

“Ick” is the six foot blonde Swede now at shortstop. He also performs creditably in the box or at first base.

### KLEIN

“Bruno” has held down third bag for three years. He discovered and made known to the world the lady “Norah, who eats mud.”

### REMAINING GAMES

- May 10—DePauw at Greencastle.
- May 13—Butler at Indianapolis.
- May 17—E. I. S. N. S. at Charleston, Ill.
- May 19—Ind. State Normal at Parsons Field.
- May 27—Wabash at Rose Campus.
- May 24—Waseda University (Japan) at T. H. ball park.

### THIRY

Thiry is another new man with a bright future.

### COATES

“Guy” plays a nice game in the field and also has the ability to get a hit with three on.

### STOLTZ

“Scientific” gathers flowers in right garden. He is a mild mannered lad who is always ready to lead a raid on the “umps.”

### YATSKO

“Yat” is a utility man, playing equally well on third base or in the outfield.

### BARNES

“Butch” plays ball like a bear—in a china shop, but science can be acquired.

“Batteries for Saturday’s game—Brown and Bake.”
The Rose Technic.

Track

Track and Field sports have taken a boom at Rose this year. A larger number of candidates have taken part, more meets have been arranged and a general increased activity in this branch of sport has been shown. We do not expect to make a wonderful showing, but indications point to a revival of interest in field sports which looks mighty good after the decadence of the past year or two. Perhaps the interest is due in part to the stimulus of the I. C. A. L. state meet which will be held on Rose Field May 20 under the auspices of Rose and State Normal jointly.

Schedule of Meets.

April 22—Wabash at Crawfordsville.
May 2—Normal at Rose Field.
May 7—DePauw, Ind. State Normal at Rose Field.
May 20—I. C. A. L. meet at Rose Field.

Binhack
Bin is a husky heaver of shot and discus upon whom we have been depending for points this year.

Yatsko
Yat has already bettered an I. C. A. L. record by bringing home from Wabash a second in the discus hurl.

Floyd
"Slivers" is a newcomer who looks good in the hurdles.

Smith
Chet is our little giant of the cinder track, specialty the 100 yard dash.

Wiedemann
Wiedy is a new man but has some of the earmarks of a comer.

McKee
Sam is a comer in the pole vault.

Tilley
He also tried track.

Bolton
Bolton sure can "pick 'em up an' lay 'em down," but it has been suggested that he is over-trained.

Leitch
Dick wanted something to manage, so they gave him the track team.

Hal L. Mefford
"Meff" is the big boss. He runs the track team as well as the other branches of sport.

Basketball

The Engineers started a season which should have been more successful than it was by losing to Central Normal on the K. of C. floor. Following this the Louisville University quintet paid us a visit and Rose administered the only defeat which the Colonels received during the season. The squad then took a two day trip, playing the fast Y. M. C. A. teams of Evansville and Vincennes and losing to both. The slump was prolonged and we were taken into camp successively at Franklin, by Butler on our own floor and by the colonels at Louisville.

After defeating DePauw here, the team went to Indianapolis to meet Butler; the Old Grads of the Indianapolis Tech Club turned out in full force and in a game replete with thrills, Rose took revenge on Butler by nosing out a victory in the last few minutes.

At Danville the Engineers met a team which has been beaten but once on their own floor; Central Normal piled up a large score in their second victory over Poly. We were victorious against Hanover in basketball as in football, both contests being hard fought, however. The Engineers met "Heze" Clark's bunch of dentists at Indianapolis but were unable to bring home the bacon as in the trip to Butler.

As DePauw cancelled our date at Greencastle, but thirteen games were played; of these four were captured.

"Lots o' pep, Binhack."
THE ROSE TECHNIC.

CARTER
Joe's jinx pursued him even upon the basketball floor, and the old injury to his shoulder was reopened in the first game of the season.

KINGERY
"Dutch" has been a regular guard for two years, having made his rep in the Wabash game last year. The windmills of Holland have nothing on him.

LARR
Though not in the best of condition this year, "Bobby" played a mighty good game on the floor; his greatest fault is a preposterous appetite.

BROWN
"Pud" has performed consistently through four years of college basketball as a fast forward and a reliable annexer of points.

BARRETT
"Jack" has played three years for Rose; was a regular forward last year. A broken nose kept him out after the second game this season.

REINHARD
"Swede" is a long-distance shooter, a "swisher" artist, but he can't play guard.

FLOYD
"Slivers" is a new man in the game for Rose, but he won his spurs this year in at least two branches of sport; plays forward and center.

ALLEN
"Lee" made his first appearance in Rose athletics this year and played in several hard games.

TRIMBLE
"Ricky" is a good horse, "he wants to go"; and he did go in his guardian game this season.

ORR
"Doc" is a fast man on a basketball floor, and he also holds the belt as the champion flipper of rhubarb pie.

SUMMARY
Jan. 8—Central Normal at Terre Haute,
Score: Rose 30; Normal 43
Jan 12—University of Louisville at Terre Haute,
Score: Rose 42; U. of L. 30
Jan 21—Evansville Y. M. C. A. at Evansville,
Score: Rose 18; Evansville 39
Jan. 22—Vincennes Y. M. C. A. at Vincennes,
Score: Rose 14; Vincennes 27
Jan. 29—Franklin College at Franklin,
Score: Rose 22; Franklin 46
Feb. 5—Butler at Terre Haute,
Score: Rose 21; Butler 31
Feb. 8—University of Louisville at Louisville,
Score: Rose 26; U. of L. 37
Feb. 15—DePauw at Terre Haute,
Score: Rose 28; DePauw 17
Feb. 19—Butler at Indianapolis,
Score: Rose 28; Butler 24
Feb. 23—Central Normal at Danville,
Score: Rose 24; Central Normal 59
Feb. 26—Hanover at Terre Haute,
Score: Rose 38; Hanover 30
March 4—Indiana Dental College at Indianapolis,
Score: Rose 16; Dental 23

TEENNS

Rose has always been pretty well represented in this branch of sport, but never better than during the last three years, or since the advent of that artful wielder of the racket, "Dutch" Wente. "Dutch" is a player of championship caliber and has a well deserved "rep" in Indiana and Ohio. Last year he won for Rose the singles championship in the I. C. A. L. and pulled down the same honors again this year. Owens, a freshman, will probably be Wente's running mate in the doubles this season.

"Butt, detta hit!"

WENTE, Captain
State Champion
Singles, '15-'16

BUCK
"Bucky" plays guard and though usually out-weighted, he makes it up in speed. He also has the ability to inject a little comedy into the game.

STREETER
He is a wearer of the green cap who stepped out and got his feet wet.

SMITH
Manager
Organizations

STUDENT COUNCIL

OFFICERS
H. J. O'Laughlin, '16  President
J. F. O'Brien, '16  Vice-President
P. J. Grafe, '18  Recording Secretary
R. A. Weinhardt, '16  Financial Secretary, Term of 1915

MEMBERS
C. F. Carlisle, '16  Athletic Association
F. W. Hild, '17  Technic
H. C. Gray, '17  Camera Club
S. C. Leibing, '16  Symphony Club
R. A. Stuart, '16  Y. M. C. A.
F. K. Wyman, '16  Junior Class Representative
R. L. Tilley, '19  President Freshman Class

"St. Patrick was an Engineer."
ATHLETIC BOARD

C. F. Carlisle, '16 .................................................. President
R. I. Kattman, '16 .................................................. Vice-President
D. M. Howard, '18 .................................................. Secretary
W. C. Wente, '17 .................................................. W. S. Risser, '17
J. E. Orr, '18 .................................................. H. W. Streeter, '19
A. E. Reinhard, '19

CAMERA CLUB

H. C. Gray, '17 .................................................. President
M. H. Smith, '17 .................................................. Vice-President
G. W. Brooks, '16 .................................................. Secretary-Treasurer
C. F. Carlisle, '16 .................................................. D. B. Henry, '18
R. A. Stuart, '16 .................................................. H. L. Kessler, '18
D. W. Hite, '16 .................................................. J. S. Petri, '19

"Roll Call—Graf e and Tilley absent."
SCIENCE

J. F. O'Brien, '16 .................. President, Scientific Society
O. P. Hutchinson, '16 .......... Secretary-Treasurer, Scientific Society
R. D. Leitch, '16 ............... Senior Counsellor, Scientific Society
M. H. Smith, '17 ................. Junior Counsellor, Scientific Society
H. E. Smock, '16 ................. Chairman, Branch A. I. E. E.
S. P. Stone, '16 .................. Secretary, Branch A. I. E. E.

Y. M. C. A.

R. A. Stuart, '16 .................. President
F. S. Carpenter, '17 ............. Vice-President
C. C. Smith, '18 .................. Secretary-Treasurer
C. F. Wagner, '16 ............... C. K. Failing, '18
O. P. Hutchinson, '15 ........... W. R. McKeen, '19
W. S. Risser, '17 ................. R. F. E. Wiedemann, '19
H. Hutchinson, '18

"A. I. E. E.—Rose Polytechnic! (Loud Cheers.)"
SYMPHONY CLUB

S. C. Leibing, '16 .......................... President
S. P. Stone, '16 .......................... Secretary-Treasurer

C. F. Carlisle, '16 .......................... W. S. Risser, '17
R. F. Leinberger, '16 .......................... C. K. Failing, '18
R. D. Leitch, '16 .......................... D. B. Henry, '18
D. W. Hite, '16 .......................... G. B. Henry, '18
D. W. Holloway, '16 .......................... C. C. Smith, '18
M. E. Manson, '16 .......................... D. P. Cromwell, '19
M. J. McKeever, '16 .......................... R. F. E. Wiedemann, '19
R. A. Weinhardt, '16 .......................... R. E. Woodruff, '19
H. C. Gray, '17

“What’s the meeting about? Let's get it over!”
THE MANDOLIN CLUB

G. W. Brooks, '16..................President
S. P. Stone, '16..................Vice-President
R. F. E. Wiedemann, '19............Secretary-Treasurer
F. W. Kingery, '16
D. B. Weaver, '17
D. W. Holloway, '16
G. Robinson, '18

THE BAND

R. D. Leitch, '16
C. F. Carlisle, '16
J. C. Rector, '18
D. M. Howard, '18
J. H. Overpeck, '16
D. B. Weaver, '17
W. M. Charman, '18
A. L. Ervin, '19
S. P. Stone, '16
V. J. Whelan, '17
L. Allen, '18
K. P. Thiry, '19

"Band!"
Saw your ad in The Technic.
The Rose Technic.

The Value of a Tech Club to Its Members as well as to Their Alma Mater

By FRED C. BRACHMANN, '98
President, Cincinnati District Rose Tech Club

THE Cincinnati District Rose Tech Club is just one year old, and its opinions may not be regarded very highly by the older and more experienced Rose Tech organizations; however, as the saying goes, "A new broom sweeps well," and so we as infants, did our best to "sweep well" and went at our work with earnest zealously, as we thought ourselves very important, and the work to be done still more important.

Our membership in the City of Cincinnati itself is very small, only 13 graduates and 6 non-graduates; however, we have a great number of small cities within a radius of 100 miles of Cincinnati, in which are a number of Rose men and in order to include these men as members of a Rose Tech Club we called our organization the Cincinnati District Rose Tech Club.

The prime object of any Rose Tech Club is to bring together those men who attended Rose at any time, even though they did not graduate, and by again and again renewing acquaintance, closer ties of friendship will be established and the men as well as their Alma Mater will benefit by this interest. One of our members who has traveled the country far and wide told me that in the 17 years after graduation he had never once seen more than three Rose men together at one time. It is needless for me to say that this man thoroughly enjoyed our annual dinner a year ago and has never failed a smoker since.

During my past years experience as President of the Cincinnati District Club, I learned many things, but none surprised me more than the very active interest some of our non-graduate members have shown, not only in our meetings but in the Institute in general. One man said to me, "You do not know how much I would value a diploma from Rose Polytechnic Institute, and how often I wish I had graduated." He further said, "There ought to be ways and means established whereby a man who had attended Rose for prescribed period and then had to leave the Institute, could in later years either through an examination or professional record and examination, be able to obtain his diploma."

Now a man who has attended Rose for only a few years and more than 25 years later would be willing to work for that diploma which many have and seem not to value, that man is certainly an asset to Rose.

Our work in the Cincinnati Club during this first year has been first to establish acquaintanceship, second, to assist where we were able in anything that pertains to the welfare of our Alma Mater. When we heard through Mr. Wischmeyer, that the Rose Technic had less than 100 Alumni subscribers out of a possible 756, we at once enlisted all our members as Rose Tech subscribers. We went further and endeavored to find the reason for this small number of subscribers and believing that a little more popular Alumni News might stir up more enthusiasm, we made suggestions to the Technic Board, and we appointed Alfred A. Piper, 1910, as our Alumni Editor to gather news wherever possible in our district for the Technic. It is not our
idea to attempt to improve the TECHNIC from any standpoint as an Engineering Magazine, in which field I am glad to know, it ranks as the best, but a little Alumni ‘gossip’ is sought by the best of the boys, and we want all the boys to look forward to their copy of the TECHNIC the same as in the days while at Rose.

The ROSE TECHNIC can be made a very important factor to more closely unite all Rose Tech men. We have many plans for the future and one of these is to assist the TECHNIC and use it as a means to establish closer ties among the Rose Alumni.

We believe that the interchange of ideas of Rose Tech Clubs will benefit us all and the Institute in general and we have planned to keep the President and Secretary of the various Clubs informed of our doings.

On May 27th, we will hold our annual dinner to which we invite all Rose Tech Clubs to send one or more delegates for the purposes of exchanging ideas, which we hope will some day lead to an organization of all Rose Tech Clubs, similar to those already established by many of the Eastern Colleges.

While a student at Rose, the faculty is the most important object to you personally, while after graduation, you as an Alumnus are the most important thing to the Institute in general. It is what you are, that makes the reputation of the Institute, it is your work that either builds up or destroys the reputation of your Alma Mater. By being united you can do still more work and assist one another to send the message from coast to coast, ‘Send your boy to Rose.’

The following are a few interviews with Rose men which may be of interest:

W. J. Fogarty, Mechanical Engineer, Barney & Smith Car Company, Dayton, Ohio—‘I wish to say that, recognizing all other advantages and benefits to the members themselves and to Rose, I feel that perhaps the greatest direct benefit to the institute itself may be obtained through the influencing of the right sort of young men to enter Rose.

‘By making a systematic effort in this direction good men from all the leading centers of the country will receive their technical training at Rose to the very decided advantage to all concerned.’

J. B. Hunley, Engineer for C. C. C. & St. L. R. R. Co., Cincinnati, Ohio—‘I think Alumni Clubs are valuable to any institution, and particularly a small school like Rose, which must depend upon every available means of support; and about the best and only way to make the Alumni Association effective is probably to have active Tech Clubs in all localities where any number of graduates or students can get together. The General Alumni Association is not very well organized, and I think industrious local Tech Clubs will help us get results and will probably strengthen the general organization.’

P. W. Klinger, with the Barney & Smith Car Co., Dayton, Ohio—‘As to my honest opinion of the Rose Tech Club, I sincerely feel that I have been such a laggard in the support of such a club that I am not in a very good position to express a real opinion.

‘However, there is no question in my mind as to the value which I personally got from the one meeting which I did attend some time ago, and the word has slipped thru the censor that we are going to have another meeting on the 27th of May which several of us here are ‘conspiring’ to attend. I think you will have some difficulty in fact, in keeping us away. I believe such a meeting when we get together and exchange opinions and experiences well worth while.

‘I trust we can have at that meeting a defined, clear statement as to just what is planned in the way of the new site for the college at Terre Haute. I personally have not kept close enough in touch to know as much about it as I should.’

CINCINNATI NOTES.

Frank Maltaner, Ex-'09 is bacteriologist, Board of Health, City of Cincinnati. Maltaner after leaving R. P. I. attended Leland Stanford University from which he graduated.

Russel B. Hopkins, Ex-'05, is now connected with Cliver, Wright & Rainey, 105 East Pearl St., Cincinnati, Cotton Goods brokers.

Erwin J. Miner, '07, recently connected with the Board of Public Service in this city is now located in Louisville, Ky.

Stanley B. Freiberg, Ex-'05, is president-treasurer of The Handy Light Company, Cincinnati, Ohio.

Nathan Ransohoff, Ex-'09, is Superintendent of the Ideal Concrete Machinery Company, Cincinnati, Ohio.

The Cincinnati Rose Tech Club’s annual dinner banquet will be held at the Business Men’s Club, 9th and Race Streets, Saturday evening, May 27th, at 6:30 p. m. All local members are urged to be present and all other Rose men are cordially invited.

CLEVELAND NOTES.

The Cleveland Rose Tech Club held a meeting on April 1st, which was attended by Professor McCormick. This gathering proved to be one of the most interesting business meetings ever held by the Cleveland Club, although the evening was of such nature, owing to the bad weather, that the attendance was not as large as it should have been.

“Sample quizz!”
THE ROSE TECHNIC.

INDIANAPOLIS NOTES.
Following the usual custom the Indianapolis Rose Tech Club has held a dinner once a month during the past year. These have taken place usually at the University Club through the courtesy of Herbert Foltz, '86, a member of that organization. During the past year this club has kept in close touch with Rose and with the new school through Mr. Foltz as well as Doctor Mees and other members of the faculty who have visited Indianapolis at various times.

On April 26th the Purdue Harlequin Club gave George Ade's "Around the Campus" at the Murat theatre. Each college alumni club was invited to take a box, decorate it, and attend the "show." Rose was represented by ten men who helped to add to the fun. When the proper time came, the famous old, "Three Beers" rang out across the footlights, and the audience in the vicinity of the Rose box were showered with American beauty roses. This brought forth loud applause from the audience.

The custom of inviting representatives of the press to the club meetings has been adopted by the Indianapolis Club and results have shown that this is a very good idea. Possibly some of the other clubs may wish to copy the idea.

The last meeting for the year will be held sometime in May.

Indianapolis expects to be represented by a good crowd at the annual meeting to be held in Terre Haute in June.

PITTSBURGH NOTES.
The Pittsburgh Rose Tech Club came to life again on April 15th and held a meeting in the rooms of the Engineers Society of Western Pennsylvania.

Methods were discussed whereby more interest could be aroused among the Alumni and former students of Rose in this vicinity.

It was decided that about the best way was to have a dinner, and Saturday evening, May 6th, at the Ft. Pitt Hotel, was decided upon. The arrangements were all put into Mr. Frohman's hands with the knowledge that they would be most excellently taken care of, as has been done on former occasions.

After a social time the meeting adjourned.

The following Alumni were present: H. E. Ransford, '14; L. Ross Wyeth, '11; E. J. Hegarty, '15; C. E. Duddleston ,15; E. E. Hess, '15; O. M. Bereaw, '10; H. W. Craver, '95; M. C. Rypinski, '97; A. F. Gordon, '97.

On Saturday, May 6th, the Rose Tech Club of Pitts-burgh met for a dinner at the Fort Pitt Hotel. By invitation of the President, Mr. Herman S. Heichert, '97, and the Secretary, Mr. Arthur F. Gordon, '97, President Mees of the Institute was present.

The plans and the policy of the Institute were discussed, and found approval of all present, considerable enthusiasm was shown, and all pledged themselves to support the work under way for the erection of the new plant.

Messrs. Benjamin McKeen and O. P. Hood, members of the first class that graduated from the Institute, spoke. They represented two-thirds of their class.

After a pleasant social gathering, adjournment was taken, to meet at the call of the President.


"The Mining Engineer Handbook" about to be published by John Wiley & Sons, contains a section "Electric Transmission for Mines" which was edited by George R. Wood, '92, who is Electrical Engineer for the Berwind White Coal Co.

C. J. Reilly, '09, who has been with the Inter-State Commission at Chattanooga, Tenn., in valuation work has gone with the Bay Bridge Plant of the Sandusky Cement Co., at Bay Bridge, Erie Co., Ohio.

"I am glad to report that both McNabb and myself are enjoying the best of health even though we do have to endure temperatures such as would seem almost incredible to residents of the temperate zones."
The above is from a letter written by B. R. Shover, '90, who is General Manager of the Tata Iron and Steel Co. at Sakchi, India. W. S. McNabb, 1904, is Assistant Manager.

The Cincinnati Rose Tech Club will hold its Annual Dinner on May 27. The invitations to the affair recently received at Rose were of original and clever design, bearing a picture of the Rose Shops and a calendar for the month of May on which the 27th of the month was marked with a heavy red circle.

William S. Speed, '95, president of the Louisville Cement Company has been appointed a member of the United States Naval Advisory Board.

"Turn on the juice, let's see if she runs."
THE Engineers went to Lafayette for the opening game of the season with Purdue, the final score being 7 to 3 with the Boilermakers on the long end.

Rose started fast, scoring two runs in the first inning; another in the fourth, however, completed their scoring for the game. Purdue got under way in the second and scored four runs; a homer with two men on was responsible for three of them.

Capt. Larr made a one-handed stab of a hot-liner over second base, which was reported as the feature of the game.

**Summary.**

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<th>Rose Poly</th>
<th>A. B.</th>
<th>R.</th>
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<td>33</td>
<td>7</td>
<td>10</td>
<td>27</td>
<td>11</td>
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"Where did you get that at?"
ROSE TECHNIC.

THE ROSE TECHNIC.

DEPAUW. A.B. R. H. P.O. A. E.
Pence, cf. ...... 4 1 1 2 0 0
Harris, c. ....... 4 1 1 8 0 0
Thiebert, 3b. .... 4 1 0 1 3 0
Miller, p. ....... 4 1 2 1 0 1
Carroll, 2b. .... 4 1 1 2 0 0
Demman, lf. .... 4 1 0 4 0 0
Royse, ss. ....... 4 0 0 1 3 1
Smith, rf. ....... 4 0 0 1 0 0
Waters, lb. ....... 4 1 0 7 0 0

DePauw ... 36 7 27 6 2
Rose Poly. .... 0 0 0 1 2 4 0 0 7-


THE ROSE TECHNIC.

ROSE VS. E. I. S. N.

B UNCHED hits coupled with good fielding, won for Eastern Illinois Normal in the second home game of the season. The score was 6 to 2. The Engineers were playing without the services of Carter, but nevertheless put up a fight. It was anybody’s game until the final inning, when a lucky double with three on and two down cinched the game. The Poly nine showed marked improvement over the previous week, totalling 11 hits and making only one error in handling 39 chances. Steady fielding on the part of the Suckers won the game. Every Rose man procured at least one hit. Bake sprung his weekly triple in the sixth, but as luck would have it, there were none on. Brown again held the enemy to six blows, but these six were well enough bunched to win the game. Score:

ROSE POLY. A.B. R. H. P.O. A. E.
Larr, ss. ....... 5 0 2 1 4 0
Kline, 3b. ....... 3 0 2 2 2 0
Reinhard, 1b. .... 4 0 1 1 0 0
Bake, c. ....... 3 1 1 7 0 1
Stoltz, rf. ....... 4 0 1 1 0 0
Coates, lf. ....... 5 0 1 4 0 0
Trimble, 2b. .... 4 1 1 2 2 0
Brown, p. ....... 4 0 1 0 4 0
Barnes, cf. ....... 4 0 1 1 0 0

Totals ........... 38 2 11 27 12 1

ILLINOIS NORMAL. A.B. R. H. P.O. A. E.
Hampton, c. ....... 3 2 1 3 1 1
Cook, 2b. ....... 4 2 1 4 3 0
Anderson, 1b. .... 5 0 2 1 1 0
High, p. ....... 5 0 0 0 2 0
Bigler, 3b. ....... 5 0 1 0 1 1
Coyle, cf. ....... 4 0 0 1 0 0

Markle, rf. ...... 3 0 1 0 1 0
Turner, ss. ...... 4 0 0 2 4 0
Adams, lf. ...... 2 1 2 2 0 0
Moore, if. ...... 1 0 0 0 0 0

Totals ........... 36 6 6 27 12 2
Illinois Normal .... 0 0 0 1 2 4 0 0 0 7-


ROSE VS. WABASH.

T HE team left April 28 for a two-day trip, playing Wabash and Chicago University. The game at Crawfordsville proved to be a swat-fest for the Little Giants in which they secured nine hits to our three, and took the game by a 13 to 1 score. The Engineers were unable to hit Mikels of Wabash, but Reinhard on the contrary proved easy for the scarlet players. They might have found a different proposition in Brown, but he was saved for the Chicago game, the following day. Ik's arm gave out in the fifth inning and Bobby Larr finished for Rose, doing some very creditable work in the box.

WABASH. A.B. R. H. P.O. A. E.
Nichols, ss. ...... 1 4 1 1 5 1
Pfohl, lf. ...... 2 3 2 2 0 1
Allen, 2b. ....... 5 0 1 1 3 0
Nelson, c. ....... 4 2 1 4 0 0
Kearns, cf. ....... 5 1 1 1 0 0
Bacon, 1b. ....... 4 1 2 1 5 0
Rovenstein, rf. ....... 4 1 1 1 1 0
Green, 3b. ...... 4 0 0 2 3 0
Mikels, p. ...... 4 1 0 0 2 0

Totals ........... 33 13 9 27 14 2

ROSE POLY.

AB. R. H. P.O. A. E.
Larr, ss-p. ...... 4 0 0 0 3 0
Kline, 3b. ...... 4 0 0 1 2 0
Coates, cf. ...... 4 0 0 2 0 1
Bake, c. ...... 4 0 0 2 1 0
Carter, 1b-ss. ....... 3 1 2 7 0 0
Stoltz, rf. ...... 2 0 0 1 0 0
Reinhard, p-1b. ....... 3 0 0 2 2 0
Brown, lf. ...... 3 0 1 3 1 0
Trimble, 2b. ....... 3 0 0 6 2 3

Totals ........... 31 1 3 24 11 4

Rose Poly. ...... 0 0 0 0 0 0 1 0 1
Wabash. ...... 1 0 3 5 2 1 0 3 *-13

"If it's for Rose it's right!"

ROSE VS. CHICAGO U.

The team arrived in Chicago early Saturday morning, and after breakfast went out on Stagg Field for morning practice. The opening innings of the game in the afternoon were fatal to the Engineer’s hopes; Chicago got six runs off Brown’s delivery in the opening inning and added several more in the second and third. After the third, however, Pud settled down and the Maroons scored only one run during the remainder of the game. As the Engineers failed to hit the final score was 14-0.

Summary.

ROSE POLY. AB. R. H. P.O. A. E.
Larr, 1b. 4 0 1 12 2 0
Kline, 3b. 4 0 0 2 1 1
Coates, cf. 4 0 1 2 1 0
Bake, c. 3 0 0 2 1 0
Carter, lf. 4 0 0 1 0 0
Stoltz, rf. 4 0 2 1 0 0
Reinhard, ss. 3 0 0 1 2 2
Brown, p. 3 0 0 3 0 0
Trimble, 2b. 3 0 0 3 4 0

Totals 32 0 4 24 14 3

CHICAGO. AB. R. H. P.O. A. E.
Cahn, cf. 2 1 1 3 0 0
Griffin, if. 5 1 3 0 0 0
Rudoff, 2b. 3 1 1 3 0 0
Caven, 3b. 3 2 1 0 1 1
McHamel, c-1b. 3 2 2 4 0 0
George, rf-p. 3 3 1 2 5 0
Maum, e-1b. 5 2 2 9 1 0
Cole, ss. 2 1 0 1 0 2
Larkins, p-rf. 3 1 1 0 2 0

Total 29 14 12 22 12 3

Rose 0 0 0 0 0 0 0 0 0 0 0 0 0
Chicago U. 6 3 1 3 0 1 0 0 8—14

ROSE VS. NORMAL.

Although playing without the services of Capt. Larr, who has been protested by Purdue, the Engineers ditched their jinx and defeated State Normal 2 to 1 on Rose field. This was the first of the two games scheduled between the schools this season. A large crowd of Normal rooters attended, marching on the field with a band and a live goat. The Rose student body was on the job also, as was the big white elephant and the Poly band which has come to be a necessary part of any Rose celebration. With the rooters rooting and due to the presence of numerous noise makers, the affair developed into a combination St. Patrick’s Day—Senior Celebration—Owl Hunt; only it turned out to be a goat-hunt, for the Engineers finally “got” it even though an extra inning was required.

Crim’s pitching was erratic and his in-field made several costly errors. Brown easily had the edge in the pitching battle improving steadily as the game progressed; moreover, he was given good support, only one error being charged against Rose. Both teams scored in the fifth and Kline brought in the winning run in the tenth, on Carter’s hit just over short. In the first inning Brown fanned the first man up, but Wilson hit into right field for three bases. The next man up hit to Reinhard and “Ick” saved the day, cutting off the run at the plate. On several occasions Rose had splendid opportunities to sew up the game, but the necessary hit was not forthcoming—a total of eleven men were left on bases. Normal got a man to third in their half of the tenth but “Pud” pitched himself out of the hole in nice shape. The Engineers played a steady game and deserved to win.

NORMAL. A.B. R. H. P.O. A. E.
Flint, lf. 4 0 0 1 0 0
Wilson, 2b. 3 0 1 1 0 0
*Myers 0 0 0 0 0
Cloydfer, ss. 1 0 0 0 0 0
Bayh, 3b. 4 0 0 0 2 0
Fellmy, ss-2b. 3 0 0 3 2 2
Holt, ef. 4 0 0 2 0 1
Lankfort, rf. 4 1 2 2 0 0
Clark, 1b. 4 0 0 6 0 1
Powers, c. 4 0 1 1 1 0
Crim, p. 4 0 1 2 4 2

Total .55 1 5 428 10 6

*Batted for Wilson in ninth.

†One out when winning run was scored.

ROSE POLY. A.B. R. H. P.O. A. E.
Trimble, 2b. 3 1 1 2 4 1
Kline, 3b. 4 1 0 0 0 0
Coates, cf. 5 0 0 1 0 0
Bake, c. 4 0 1 8 1 0
Carter, 1b. 5 0 2 13 0 0
Stoltz, rf. 4 0 0 2 0 0
Reinhard, ss. 4 0 0 1 4 0
Brown, ss. 4 0 2 2 4 0
McKeever, if. 3 0 0 1 0 0

Total 36 2 6 30 13 1

Normal 0 0 0 1 0 0 0 0 1—2

Rose Poly 0 0 0 1 0 0 0 1—2

“The jinx crept out of the bat bag!”

ROSE VS. WABASH.

Our track team went to Crawfordsville to meet the Little Giants in the first meet of the season. At the finish Wabash lead by a big margin, as was expected, the final score being 85 to 19. Carter and Risser starred for Rose, taking firsts in the polo vault and high jump respectively. The remaining points for Rose were made in seconds in the mile, discus, and broad jump.

Yatsko bettered the I. C. A. L. record and established a new Rose record when he hurled the discus 115 ft. A Wabash man bettered the throw, however, by 12 ft. Most of our candidates are new men who gained their first experience in the trip to Wabash. Nothing wonderful was or is to be expected but we do expect consistent performance and steady improvement to result from the hard licks which the men are putting in.

Summary.

Mile Run—P. Sims (Wabash), first; Stuart (Rose), second. Time, 5:07 1/2.
440-Yard Run—Burns (Wabash), first; D. Sims (Wabash), second. Time, 56 1/2.
Discus—Cauldwell (Wabash), first; Yatsko (Rose), second. Distance 127 feet.
High Hurdles—Paulsen (Wabash), first; Cauldwell (Wabash), second. Time, 5:01.
100-Yard Dash—Sweet (Wabash), first; Nicholson (Wabash), second. Distance, 38 ft. 2 1/2 inches.
High Jump—Risser (Rose), first; Coburn (Wabash), second. Height, 5 ft. 5 inches.
Pole Vault—Carter (Rose), first; Sayre (Wabash), second. Height, 9 ft. 1 inch.
Two-Mile Run—McKnight (Wabash), first; Coapstick (Wabash), second. Time 11:20.
Half-Mile—Gavit (Wabash), first; Burns (Wabash), second. Time, 2:18 1/2.
Broad Jump—Nicholson (Wabash), first; Carter (Rose), second. Distance, 20 feet, 4 inches.
220-Yard Dash—Sweet (Wabash), first; Nicholson (Wabash), second. Time, 22 1/2.
Low Hurdles—Stout (Wabash), first; McAlvey (Wabash), second. Time 0:30.


ROSE-NORMAL DUAL MEET.

The dual meet was held largely with the view of putting both teams in form for the triangular meet which was scheduled for four days later. There was more interest and a larger attendance than usually appears for track events.

Rose had easy sailing and captured the meet 70 to 34. Owing to the condition of the track and to a cool wind, none of the events were fast. The teachers had no entries in the weighs and Yatsko and Binhack had no trouble in these events. Blake, Normal’s colored sprinter, took highest individual honors with 15 points. Risser came next with 14 points; a first in the high jump, and seconds in the broad jump, 100 yd. and 220 yd. dash respectively. Carter was also responsible for 11 points; both of the men are showing up mighty well; Riss, especially, has worked hard and is showing a wonderful improvement in speed and form. Stuart took both the mile and two-mile events, making his letter in this meet.

Summary.

120-Yard Hurdles—Lucas (Normal), first; Floyd (Rose), second. Time, 20 1/2 seconds.
Discus—Yatsko (Rose), first; Binhack (Rose), second. Distance, 109 ft. 8 inches.
440-Yard Dash—Blake (Normal), first; Crapo (Rose), second. Time, 59 1/2 seconds.
Pole Vault—McKee (Rose), first; Carter (Rose), second. Height 8 ft. 10 inches.
100-Yard Dash—Blake (Normal) first; Risser (Rose), second. Time, 12 1/2 seconds.
Mile Run—Stuart (Rose), first; Smith (Normal), second. Time 5 minutes 19 1/2 seconds.
Shotput—Binhack (Rose), first; Yatsko (Rose), second. Distance, 24 ft. 5 inches.
High Jump—Risser (Rose), first; Carter (Rose), second. Height, 5 ft. 4 inches.
Two-Mile Run—Stuart (Rose), first; Smith (Normal), second. Time, 13 minutes, 53 seconds.
Broad Jump—Carter (Rose), first; Risser (Rose), second. Distance, 19 ft. 3 inch.
220-Yard Low Hurdles—Floyd (Rose), first; Lucas (Normal), second. Time, 30 seconds.
Half-Mile Run—Secler (Normal), first; Crapo (Rose), second. Time, 2 minutes, 16 1/2 seconds.
220-Yard Dash—Blake (Normal), first; Risser (Rose), second. Time, 24 1/2 seconds.
Totals—Rose, 70; Normal, 34. Individual points: Blake, Normal, 15; Risser, Rose, 14; Carter, Rose, 11.

“Million dollar infield!”
TRIANGULAR MEET—ROSE, DE PAUW, NORMAL.

DE PAUW carried off the honors in the triangular meet with a total of 82 points; Rose ran second with 29 and Normal last with 6 points. The meet was held on Rose field and a beautiful day contributed to its success, and also toward the fast time made in some of the events. Cook of DePauw set a new mark of 11 ft. 8 inches in the pole vault, while his team mate, Jones, lowered the time for the 220-yd. hurdles by 4-5 of a second. Risser placed a new Rose track record of 5 ft. 7½ inches in the high jump.

Although Rose men took only two firsts they offered strong competition in many of the events. The 100-yd. dash especially was one of the prettiest races of the day; first and third places were reported only by the narrow margin of three or four inches. Capt. Risser forcing the DePauw man to the limit to win.

Meyers, of DePauw, was seen on a local track for the first time in this meet. He is a wonderful runner; he won the half-mile by 50 yds. but his victory was protested by officials of the course and first place went to Normal, the one first they received. This protest, although legal, is to be regretted for there can be no doubt as to the best man in the event. Outside this point the entire meet came off with the best sort of sportsmanship.

Carter and Binhack recorded the two firsts credited to Rose. Stuart ran a nice race in the mile in the fast company of Meyers; and later demonstrated his endurance by finishing a strong second in the two-mile grind. A noticeable improvement was shown in the work of the Rose candidates; there seems to be a shortage of material in the 220-yd. dashes.

Summary.

Mile run—Meyers (D), first; Stuart (R), second; Denton (D), third. Time—5:15.

440-yard dash—Adams (D), first; Bass (D), second; Singleton (D), third. Time—55½.

Discus—Norris (D), first; Binhack (R), second; Floyd (R), third. Distance—110 ft. 5 inches.

100-yard hurdle—House (D), first; Lamasters (D), second; Floyd (R), third. Time—17½.

100-yard dash—Adams (D), first; Risser (R), second; Jones (D), third. Time—10g.

Shot put—Binhack (R), first; Norris (D), second; Chestnut (N), third. Distance—37 ft. 1 inch.

Two-mile run—Cutler (D), first; Stuart (R), second; Pond (D), third. Time—11:37½.

Half mile—Seckler (N), first; Singleton (D), second; Denton (D), third. Time 2:16. (In this run Meyers of DePauw made the run in 2:73, but was disqualified for being coached from the side lines.)

220-yd. hurdle—Jones (D), first; House (D), second; Floyd (R), third. Time—25½.

220-yd. dash—Adams (D), first; Jones (D), second; Crapo (R), third. Time—22½.

Pole Vault—Cook (D), first; Lamasters (D), second; McKee (R), third. Height—11 ft. 8 inches.

High jump—Delap (D), first; Cline (D), and Risser (R), tied for second. Height—5 ft. 8½ inches.

Broad jump—Carter (R), first; Woodruff (D), second; Bash (D), third. Distance—20 ft. 8 inches.

Points—DePauw, 82; Rose, 29; Normal 6.

Individual points—Adams (D), 1st 15 points; Binhack (R), Norris (D), and Jones (D), tied for second with 8 points each.

Officials—Clerk of course, Turk; scorer, Hathaway; timer, Bigwood; field judges, Byrne, Reagan and Records.

FRESHMEN VS. BRAZIL H. S.

THE Freshman Baseball Team journeyed to Brazil Saturday, the 6th and met the high school of that place in the first game of the season. The Brazil scorer lost track of the Freshmen runs after the second inning, and at the end of the ninth announced that Brazil had 12 runs against 11 for the — — —. Therefore Brazil won. But this is the correct score:

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<td>1 2 3</td>
<td>4 5 6</td>
<td>7 8 9</td>
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<tr>
<td>R. P.</td>
<td>I. Freshmen</td>
<td>3 2 3 0 0 1 3 0 0 0</td>
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<tr>
<td>R. H. E.</td>
<td>12 9 5</td>
<td>Brazil H. S.</td>
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<tr>
<td>3 2 0</td>
<td>1 4 0</td>
<td>2 12 11 5</td>
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<tr>
<td>3</td>
<td>0</td>
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<td>Batteries—Hauck, Thiry and Murphy and Hanek; Zeller and Bell.</td>
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Reinhard and Miller led with the willow for Rose, each getting a triple and a single. Kurfess and Hearn starred in the field. Capt. Smith played well for Brazil.

SPORTOSPHIHS.

The tennis courts are in shape at the Hemingway House. All Rose men welcome.

Eleven clean hits, including five doubles and a triple, together with two hit batters, three walks and four stolen bases, a total of 28 bases, netted but two runs in the E. I. S. N. game. Something rotten in Denmark!

The track defeat at Wabash was by no means a disgrace. Wabash will be a strong contestant in the coming I. C. A. L.

The presence of Rosalind, the elephant, always means spirit and victory. It would not be a bad idea to take her to Wabash with us on September 30th.

Two Rose batteries were working in fine style in the Normal game, Brown and Bake, and Bronze and Powder.

“For the love o' Mike, turn on the hot water!”
NEW INTER-FRATERNITY RULINGS.

At a meeting of the Inter-Fraternity Board held April 19th, the Fraternity Agreement now in force, together with the rules governing the same, were discussed and generally commended as being the most satisfactory under which the fraternities have ever operated. At the same time it was deemed advisable to introduce certain amendments for the sake of clarity and better understanding of some of these rules. Accordingly five amendments were drawn up and presented to the various fraternities for ratification. At this same meeting it was pointed out that the present rules which would obviate this defect.

A second meeting held May 5 resulted in the adoption of the following amendments:

Rule 2 now reads, "Each representative of the respective fraternities shall be given full power to represent it in all matters affecting its welfare (except such as are designated in rule 4) including the power to hold trial of any offending fraternity and to inflict punishment upon any such offending fraternity if found guilty, in accordance with rule 3."

Rule 3 now stands, "All charges of violation of rules to be brought before the Inter-Fraternity Board shall be made in writing, signed by the presiding officer of the fraternity making the charge, and be presented to the Chairman of the Inter-Fraternity Board who shall as soon as possible transmit simultaneously copies of the charges to each fraternity for consideration, and shall appoint a date for the hearing of such charges within a period of not less than one week, nor more than two weeks from the date of service of the charges. The meeting so called shall be for the special purpose of hearing the formal charges served and acting upon them. At such meeting the faculty representative shall preside as judge, and shall determine the rules of procedure. A three-fourths vote of all the fraternities represented at the hearing, set as above, shall be decisive. The fraternity on trial shall have no vote.

The character of the penalty to be imposed shall be determined under similar rules of procedure. The finding and action of the Inter-Fraternity Board shall be made in writing, signed by the presiding officer of the fraternity making the charge, and be presented to the Chairman of the Inter-Fraternity Board to the faculty of the Institute for review, to be approved, modified, or referred back to the Inter-Fraternity Board for revision. When complete agreement between the finding and recommendations of the Inter-Fraternity Board and the recommendations of the faculty has been reached, the findings of the Inter-Fraternity Board shall have the force of Institutional action, and their enforcement shall be assumed by the Institute.

Rule 6 shall now read, "Freshmen and new students shall not be permitted to visit the fraternity houses, nor shall any date or appointment with a Freshman or new student for the rush season be made before the close of the first term (as defined above), nor shall any fraternity be privileged during the rush season to make more than one date in advance with any individual Freshman or new student.

In rule 6 the paragraph beginning "No Freshman or new student—" was changed to read, "From the date and hour when the invitations have been issued up to and until the same shall have been returned to the fraternities, no Freshman or new student shall be molested, approached or importuned in any manner by any person in the interest of any fraternity until he has answered every fraternity invitation received."

Rule 7 shall read, "No member of the faculty or any one in authority at the Institute shall be permitted to talk with Freshmen or new students in the interest of any individual fraternity."

Rule 8 shall read, "There shall be no formal fraternity entertainments for Freshmen previous to pledging, such as theatre parties, dinners, smokers, dances, or other entertainments for which a definite program has been arranged."

The present rules 8 and 9 shall be known as rules 9 and 10 respectively.

MILITARY TRAINING.

The sentiment for military training at Rose as evidenced by the flood of ballots received by THE TECHNIC shortly after the appearance of the April number is quite strong. The Junior and Freshman classes were practically unanimous in declaring themselves in favor of the movement, and the Sophomores responded with 46 ballots out of a possible 48. We regret to say that the Senior class acted with their customary apathy, and responded with 5 votes. Their failure to act signifies sheer lack of interest rather than opposition to the idea, however, yet lack of interest in such a case seems a worse crime than direct opposition.

In addition to the ballots cast by the students, letters of indorsement have been received from several of the Alumni. W. G. Arn, '97, expressed himself as strongly in favor of such action being taken, and said he considered it "the duty of every Rose man to be prepared to serve his country at any time on short notice." Nathan A. Bowers, '10, coming from San Francisco, is naturally most heartily in favor of any movement toward Preparedness. In a recent letter to Doctor Mees he said, "We feel very strongly on all matters of Preparedness on this coast—the sentiment is the same from Seattle to San Diego."

The course which matters will take here rests somewhat upon the action which Congress will take in regard to the bill concerning the installation of military training in the American colleges. If this measure is passed

"He wouldn't pull for Rose—alas!"
it will be possible for Rose to obtain equipment and accouterments from the United States Government.

According to a statement issued by Doctor Mees it is highly probable that military training will be installed at Rose next year. Doctor Mees stated that it was his intention to arrange a course which would include training in such work as boxing, wrestling, and fencing as well as military drill.

COMMENCEMENT SPEAKERS.

Professor C. H. Benjamin, Dean of Purdue University, will deliver this year’s Commencement Address. The subject upon which Professor Benjamin will speak will be “The Scrap Heap.” Wastefulness of past and present methods both in individual and community life will be discussed for the purpose of bringing out the necessity for Conservation. Theodore L. Condron, class of 1890, has been called upon for the Alumni Address.

Those students who were fortunate enough to hear Mr. Condron’s lecture of last year on the reinforced concrete construction made necessary by the large fire at the Orange, New Jersey plant of the Edison Company, will remember him as an exceedingly clever speaker.

THE NEW TECHNIC STAFF.

The responsibilities of the Technic for the coming year will be shouldered by the following men: F. W. Hild, ’17, Editor-in-Chief; Goldsborough Robinson, ’18, Assistant Editor; E. N. Goldstine, ’17, Business Manager; J. A. Wagner, ’18, Assistant Business Manager; H. C. Gray, ’17, Alumni Editor; J. C. Rector, ’17, Reviews Editor; H. W. Streeter, ’19, Athletics Editor; V. J. Whelan, ’17, Senior Locals; R. P. Long, ’18, Junior Locals; W. H. Bruning, ’19, Sophomore Locals; R. F. Bergmann, ’18, Artist.

NOTABLES AMONG THE NINETEENS.

Mark Anthony.
Oliver Cromwell.
— Cain.
Wm. H. Harrison.
Heine Zimmerman.
Alexander the Great.
Simple Simon.
William III.
Earl of Richmond.
And two Adolphs, but alas, no Oscar.

GYM ECHOS OR WHAT EVERY MANAGER KNOWS

“Fine time for you to be gettin’ out here. Any sanitary socks?”
“Not that I know of.”
“There’s not! How do you expect me to play then? Brownie just got a pair, didn’t he?”
“Well you better see Meff about it.”
“Hey you, I gotta shirt in the wash. When’s it comin’ over?”
“Casey’ll be here in a minute.”
“I’d better get a move on. I can’t wait all night.”
“Tough, ain’t it?”
“Say, when the towels come over, get that one with the blue border out. It’s mine.”
“Sure, you’ll get that quart of cologne, too.”
“Where’s the bases?”
“In here.”
“Well for the love o’ Mike, get ’em out. It’s half past four now.”
“Any football shoes?”
“How do I know? I don’t keep track of that stuff.”
“Well, Meff said to see you.”
“Come on upstairs, then.”
“You’re not goin’ to try to play football, are you?”
“Where the hell did that manager go now?”
“Whatcha want?”
“Gotta have the bats.”
“Well, there they are.”
“But I want mine!”
“Gimme some of that tape for my ankle, will you?”
“I want some comps for Saturday’s game.”
“See about that some time Friday.”
“Yeah, and last Friday I couldn’t find anybody that had ’em.”
“Tough.”

“We’re goin’ to run short of towels. You better hike down town and get some.”

“Where yuh been all this time?”
“Wheresa water bucket?”
“Fine assistant you are! Did you line off that field?”
“Yeah, and yuh never stick around when you’re needed! Wheresa stock room key?”
“Why didn’tcha lock up those towels? That Freshman gang got half of ’em.”
“Where’s the linament?”
“Over there.”
“You’re not supposed to say, ‘over there.’ You’re supposed to get it and say, ‘Here it is’.”
“Rub me down, will you?”
“No! Get Bolton.”
“Know where the shot is? I reckon some feller hid it.”
“Haven’t seen it.”
“Maybe some feller threw it so fur they couldn’t find it. Haw! Haw!”
“He! He!”
“Gattany soap?”
“Wheresa soap?”
“We want soap!”
“Soap! Soap! Soap! Soap!”

“Hello! Whatcha doin’ out here on the bleachers by yourself? I thoughtcha was assistant manager.”
“No soap in the gym.”

“Hey, Jap, he’s trying to bust in Joe’s locker.”
To Professor Malverd A. Howe

His fertility in expedients made this work prominent. Classical work in the study of the strength of sewer pipe under varied conditions, in the measurement of the deflection of bridges, both models and actual structures, and the theoretical analysis of the results was done in the laboratory. In conjunction with Mr. T. L. Condron, the first test on reinforced concrete beams of structural sizes was made in earlier years. This line of work has been carried on continuously since.

During all this time he was busy writing. There appeared from his pen:

- The Sabula Draw by Graphics, 1887.
- First Edition of the Continuous Girder, 1887.
- Methods of Least Squares, 1890.
- Retaining Walls for Earth, 1897. 5th edition 1911.
- A Treatise on Arches, 1897. 2nd edition 1907.
- Design of Simple Roof Trusses in Wood and Steel, 1902. 3rd edition 1912.
- Symmetrical Masonary Arches, 2nd edition 1913.
- Masonry Construction, 1915.
- The sections in Kidder's Pocketbook on Graphics and Roof Trusses, 200 pages, appeared this year.
- He also contributed extensively to periodical literature.

Professor Howe was frequently called upon as consulting engineer. In 1902 he designed, and in conjunction with Mr. Starbuck, supervised the erection of the Wabash River Bridge at the foot of Main street, Terre Haute. He acted as superintendent of building on a number of public buildings in Terre Haute. He was selected to recalculate the stresses in the famous Eads Bridge at St. Louis for the Pennsylvania Railroad Company as a basis for determining its sufficiency to carry the heavy loads now imposed upon it. He has acted as consulting engineer in many public and private works in the state.

Of quiet and unassuming nature, the important character and extent of his work has not been fully recognized and appreciated.

Professor Howe is a member of the:
- American Society of Civil Engineers.
- American Society for Testing Materials.
- American Association for the Advancement of Science.
- American Society for the Promotion of Engineering Education.
- The International Navigation Congress.

"Senior Architects' meeting tonight."
From a Y. M. C. A. Hand-Book

Sept. 15. Back again! Seems mighty good to get back to the Old Institute again. The Freshmen received instructions from Doc this afternoon and the usual Junior Committee was on hand, to offer advice and instructions in regard to the scrap. Early this evening the Sophs and Freshmen staged a cracking good fight at Sixth and Wabash. They finished festivities on the Wiley tennis courts three blocks south and one block east. The tennis courts looked like a hog wallow when the upper classmen called the fight off.

Sept. 16. Freshmen were walloped in the Challenge Rush. They put up a good scrap but were no match for P. J.'s gang of roughnecks. They did manage to retaliate, however, by capturing Bake and Heedwohl and dumping them in convenient horse troughs.


Sept. 20. Junior class elected officers.

Sept. 23. Freshmen elected officers.

Sept. 24. The Senior Machine Designers hiked for Indianapolis to hear a talk on the twelve cylinder motor car.

Sept. 25. The Freshmen met defeat in the Pipe Rush. The Sophs managed to nose out 17-14. Somebody said the officials had something slipped over on 'em.

Sept. 27. Football practice going fine.

Sept. 29. The Juniors held a party somewhere on the Banks of the Wabash. Goldstine and Binhack furnished the amusement.

Sept. 30. First Y. M. C. A. meeting. The Seniors christened their new uniforms today by holding a "parade." After the parade they attended the Hippodrome. (Bum show.)

Oct. 2. Rose walloped E. I. S. N. by a score of 34-0 this afternoon. A good start any way. This was a big day for the Freshmen. Every one turned out for the reception, and as a reward they were served with pink ice cream.

Oct. 3. The Camera Club went to Forest Park today.

Oct. 4. The first Student Council Meeting was called. O'Laughlin, O'Brien and Grafe elected as officers.

Oct. 5. Goldstine put a thrilling notice on the bulletin board today. The "Patronize Our Advertisers" campaign is on in full blast.

Oct. 6. The Juniors are beginning to call at Professor Hathaway's house in search of light.

Oct. 7. The Senior Civils and the Senior Chemists went to Otter Creek to gage the flow of the stream.


Oct. 16. Can it be true? This makes three straight. Rose nosed out Earlham 7-6, but Joe Carter was hurt; he will be out of the game for the rest of the season, they say.

Oct. 20. Technic out.

Oct. 22. The first Modulus Dance of the year.

Oct. 23. Wonder how long this winning streak will continue. Butler disappeared in a cloud of mist in the middle of the second quarter today when Yatsko scored the only touchdown of the game. Rose 7, Butler 0.


Oct. 29. Y. M. C. A. Get Together Meeting. The event of the evening was the doughnut, cider, apple lunch. Art Nehf gave a talk on inside baseball.

Oct. 30. Well, it had to come sooner or later. Rose 6, Louisville 22. The Juniors held their banquet which was thoroughly enjoyed by Wente and Holding.

Nov. 3. A. I. E. E. meeting ended in a peanut fight. It was a real old fashioned meeting. No one was seriously injured.

Nov. 5. Student Council Meeting.


Nov. 11. U. S. Marine Band at Grand.

Nov. 12. General Assembly. Lecture on wrought pipe was given by W. A. Phillip of the National Tube Co.

Nov. 13. Rose fought but lost 14-6. DePauw was too much.

Nov. 20. Technic out.

Nov. 24. Charity Ball.

Nov. 25. Thanksgiving. Rose 6, Culver 33. Faculty granted a Thanksgiving vacation after being petitioned by students.

Dec. 1. The Freshmen were paddled today for not wearing their green caps; that is, a few of them were. Most of them got wise beforehand and came forth from Chem Lab with the proper green headgear.

"Hotel Severin."
Dec. 3. The Alumni Advisory Board held a meeting to discuss plans for new school. Special Student Council meeting to discuss plans for “Owl Hunt.”

Dec. 4. Entire school turned out for Owl Hunt up the river.

Dec. 8. Interclass basketball schedule out.

Dec. 10. Assistant Managers elected. Wente, Basketball; Whelan, Baseball; Richards, Track; Smith, Tennis.

Dec. 11. Faculty Banquet proved to be a great success.

Dec. 15. General Assembly. Talk by Dr. F. C. Sharp of the University of Wisconsin.

Dec. 17. Juniors leave for inspection trip to Indianapolis.

Dec. 19. Pigg’s mustache was treated with chewing gum today. A riot was barely averted.

Dec. 20. Technic Out.

Jan. 3. Back to school again.


Jan. 13. A few Rose students are lured to a First Voter’s Club meeting.


Jan. 20. Technic out.


Jan. 24. Finals all week.

Jan. 29. First term ended. Rushing season began.

Rose 22, Franklin 46.

Jan. 30. Up all night.

Jan. 31. Up all night.

Feb. 3. This is fierce!


Feb. 12. At last it’s over!

Feb. 13. Slept all day.


Feb. 15. Rose 28, DePauw 17.


Feb. 19. Butler 24, Rose 28. It seems that the whole Indianapolis Tech Club turned out to see the game. A banquet for the Rose players was held after the game.

Feb. 20. Technic Out.

Feb. 20. A real holiday! No school all day.


Feb. 25. Modulus Dance.

Feb. 26. Rose 38, Hanover 30. (Poor crowd, no pep!)

Feb. 28. The goats are out!

Feb. 29. Maid in America! One of our illegal holidays.


March 5. Rose came near being destroyed by fire. Joe Brunner saved the day by turning in the alarm.


March 17. ST. PAT’S DAY.

March 18. All in.

March 20. Mid-terms begin.

March 25. Technic Out.

April 1. Only a Valve Motion Quiz.


April 11. Trip to Water Street Power Plant.

April 15. Rose 2, DePauw 7.

April 21. New School Number of the Technic out.

April 22. Poor Old Rose gets walloped by Wabash in track and E. I. S. N. hands us a lemon in baseball.


April 29. Rose 0, Chicago 14.

May 2. Rose won a dual meet with Normal.

May 3. Went swimming.

May 4. Rose 2, Normal 1. The elephant turned out for the fun, and there was some real rooting. Real old time pep!

May 5. Rose copped second in the triangular meet with DePauw and Normal. DePauw walked away with first place.


May 9. Last Technic staff meeting of the year.

May 10. Worked.

May 11. Worked.

May 12. Worked.

May 13. Worked.

May 14. Worked.

May 15. Worked.

May 16. This is too much of a good thing. I’m going to quit for this year.

May 17. Founder’s Day.

May 20. This book is supposed to be out, but it isn’t. I. C. A. L. meet.

June 10. Technic out at last. (Thank God!)
ONE has only to look through the Rose Moduli of past years to be convinced that the "Old time Pep" produced real work whose results were shown not only enthusiasm for the school and high grade classwork, but in the ability exhibited in the publication of the beautifully bound volumes left as a lasting memorial of the classes of that early day in the history of the school of which they now form such an important and interesting part.

On June 12, 1891, the first number of the ROSE TECHNIC appeared, W. A. Layman being editor-in-chief. The names of E. S. Johonnott and A. M. Hood are also listed as members of the staff.

In the spring of 1892, less than a year after the birth of the TECHNIC, the first Modulus was published by the Senior class of that year. In 1895, after a lapse of three years, the 1896 Modulus appeared, being the first to be published by the Junior class. Then followed the Moduli of 1898, 1901, 1903, and every odd year from that time to the present.

The first Modulus commented upon the success which the TECHNIC had met in its first year, saying that it had been proven that Rose could support a school publication and that it had become a necessary part of the student life. Later years have gone to uphold this, and today, when the class which was by precedent responsible for the Modulus was unable to assume responsibility we find the TECHNIC shouldering the burden, along with its regular functions.

All of the Moduli are very much alike in general character, each being in the main a memorial of the class putting it out, containing descriptive sketches and pictures of the Institute, faculty and students, together with information regarding the athletic and student activities of the time, as well as many a "roast" directed at some student or member of the faculty.

We find that in 1892, aside from the Alumni Association there were five student organizations at Rose, besides the eating clubs, which were said to hold very congenial meetings three times a day. Later Moduli show the number of organizations increasing. In 1896 we find two fraternities in existence. The Student Council composed of presidents of the classes, and the leading officer of each of the recognized organizations at the Institute was inaugurated in 1899. With the exception of a representative from the Telegraph Association which died sometime between 1905 and 1910, the Student Council representation remains as originally organized.

Our athletic prowess in past years as recorded in the Moduli is something to be proud of. In 1888 the annual field day was inaugurated by Dr. Mendenhall and such interest was manifested in the various branches of sports that we find Rose was the winner in the first three track and field meets held by the old Indiana Inter-Collegiate Athletic Association. The '92 Modulus contains the picture of a pennant-winning baseball team which boasted a 1000 per cent average for the year. E. T. Hulman appears to have been the Joe Carter of those days while the Klinger brothers were distinguished as bicycle riders of no mean ability. Although we have not had pennant winning teams every year since then, we have always made a creditable showing and many championships are credited to Old Rose.

We find tennis starting at Rose in 1892 with "Hath" on the committee, and we find him closely identified with athletics at the Institute ever since.

The '92 Modulus is unique in that it is the only one in which all four of the presidents of the Institute appear. Dr. Eddy appears as occupant of the seat Dr. Mendenhall had recently resigned, while Dr. Thompson was the first president, and Dr. Mees was at this time Professor of Physics.

In '96 we find "Doc." Mees grasping the big stick, which he has so efficiently wielded; it is our sincere hope that he will continue to wield it for years to come.

Those of the present faculty and others connected with the Institute who have had the honor to appear in every number of the Modulus since its conception are: Mrs. Burton, Dr. Mees, Prof. Howe, Prof. Wickesham, Prof. Hathaway, Prof. McCormick, "Daddy" Logan and "Arry" Dickerson; then in '96 we find Prof. Peddle and Alexander Nicholson added to the list; in '98, Prof. Wagner and Prof. Faurot; in '01, Prof. Johonnott; in '05, Dr. White, until today we have them all. They have not changed much either, we would judge, except in that most of them have taken a shave. "Wicky," together with his remarkable energy and abundance of jokes, which were said to be ancient in '92, but which delighted us as Freshmen, possessed a remarkable Vandyke when we first see him, but in '98 we find that he has reduced it to a mustache. Our first sight of "Mae" in the days when he awed only the Freshmen with his magic, finds him not only the possessor of a delightful little mustache but also of a wonderful pompadour, but later as his duties became more burdensome, we find him parting his heavy locks a little to one side, while today, after some years of juggling Rankine and bluffing Seniors he does not dare remove his hat when not in the shade. Prof. Wagner carried a mustache in '98, but owing to his state of almost total exhaustion found it too burdensome to "tote" around. The old Moduli also stands as proof of the no mean ability of "Doc", "Jo Jo," and Prof. Faurot as growers of hair on the upper lip.

We find a reminiscent Alumnus in '98 telling of his class being told that "the Institute can get along without the Sophomore class," on one occasion when they had deemed it impractical to abide by the rules of the Institute. (Did we ever hear anything like that?) and it also seems that "Jo Jo's" fluency and "Jacky's" smile were features of long ago.

It is evident that the students in the past were not averse to the charms of the fair ones, as a number of poems in each volume of the Modulus will testify. The '92 Modulus was dedicated to:

The fair ones who have
\hspace{1cm} Applauded us,
\hspace{1cm} Reasured us,
\hspace{1cm} Loved us,
\hspace{1cm} And dropped us.

"Taking Axes through here—"
THE ROSE TECHNIC.

Later we find in the Modulus of 1903:

"Dedicated to the beauties we adore,
To the ones we most admire,
To the Poly girls galore,
Who have been our heart's desire."

It seems the "Polys" were a great worry to President Duncan of Coates College in the early days, for although Normal, even then, possessed an abundant supply of feminine beauty, the old south side college seems to have held strong attractions for some of the boys, and ten o'clock was by far too early an hour to retire even in "ye olden days."

The 1892 Modulus gives an account of the fire of Jan. 14th, in which the shops suffered quite a loss, mostly confined to the north end of the building. This fire destroyed much electrical apparatus, which greatly inconvenienced a number of seniors who had chosen electrical subjects for their Theses.

The 1896 Modulus gave the history of the class in the form of the "Janitor's Diary", while 1898 Modulus gives "Our Sculptural Loan Exhibition." Here the heads of the students were shown on the bodies of famous statues, each statue being intended to illustrate in a manner, the character of the man whose photograph accompanied it. The 1901 Modulus contained "Our friends, the Faculty," a number of catchy "write-ups" on some of the professors.

The 1911 volume was dedicated to Dr. Gray. This is a feeble attempt to outline what has been told by twenty-three years of Moduli. There are so many interesting things to be found in these old books that it is impossible to touch on more than a few of them here. Let it here be said, therefore, that whoever would provide himself with some first class entertainment, and at the same time become an enthusiastic booster for the Institute and its publications, may do so by taking the trouble to look up some of the old Moduli.

THE PARABLE OF THE FRESHMAN

And it came to pass that in the middle of the month of September, there came unto the great and wicked city of Terre Haute a motley throng of young men, clad in strange and various ways who, after having paid their room rent one week in advance, and having held forth in awesome council with a power known as Doc, and, furthermore, having passed through the agony of a wild scrap at which much chain and many clothings and fair tennis courts were laid waste, were known to the world at large as "Freshmen." And much sorrow and many burdens were heaped upon them until it seemed that they could no longer endure and that death was but the least of many thousands of evils.

But with the ending of the first month of the new year here came a great change and the load of the toilers lightened, and there was much feasting and rejoicing, for lo, the reign of the freshmen was at hand.

And in every Greek household there was much scurry and bustle, provisions sufficient unto an army were laid aside, those who were of a rough nature were cautioned as to their actions toward the unwary newcomers, and cleanings and preparations in outwardly appearance were the order until all were weary and night sick unto death.

And at the appointed hour there was a grand rush for telephones and unsuspecting innocents were seized and carried away bodily to feast and make merry at The House even though it was against their will.

But it was with great consideration that they were treated, nevertheless. Upper classmen of great wisdom waited for them at noons and fell lovingly upon their necks and carted them away to the festive board where much food was lavished upon them. And when the repast was o'er, cigarettes of surpassing quality were passed out to the honored ones and they were amused by comical parables of women related by those hailed as "Wise Guys."

Nor did this end it. In the evening the meek ones were led forth by experienced men into the presence of fair and beautiful ladies, the most beautiful and best in the city. And above all else were these ladies wise, and knew wherefore and why these green ones were brought hither. Wherefore they spake in sweet tones of the companion of the Frosh bringing him unto the place and of his brothers and would sighingly wish that some day the Frosh might become one of the great and glorious band, and forthwith the Frosh was with muchness impressed.

The custom of departure upon the stroke of the eleventh hour was usually followed out, and after the farewell was said the twain would sally forth and hold long discourse on the greatness and goodness of the fraternity

And for many nights the many fraternities all did likewise, again and again telling the green one of the qualities of themselves, superior to all else, until the green ones tried to think and thought not, and knew not what was what nor why was wherefore, and was sore troubled in his mind.

But as time went on the siege waxed stronger and stronger, more feasting was the order and rejoicings of larger nature were carried on that his system might be

"Give us a numerical example."
thoroughly saturated with the pleasures of fraternity life. On every hand he was greeted by those with the warmth of life long friends, much was the smiting of the back and the outstretching of the glad hand, he was ever hailed as "Old Boy," and his lot was gay. Verily he was treated like a prince, except that he was continually reminded of the glory of the fraternity at whose board he partook.

But after many aeons had passed, when the poor Frosh was but a shadow of himself, when the festive board groaned no louder than the purse of the provider, when the upper classmen gathered together amongst themselves and spake saying, "When do we get sleep and Applied Mechanics?" and when the whole complexion of the Institute became sorrowful and like unto sack cloth and ashes, only then did the end come.

So it came to pass that invitations were issued forth, and there was much consultation and parley amongst the green ones, for they were undecided in their mind and knew not which way to turn, and some being overwrought and fearing with great fear the damnation of hell fire and everlasting torment should they not judge aright even consulted with the learned of the faculty. But from them they got crumbs of comfort.

So it came to pass that each and every one of the Emerald Hued presented an answer with great gravity at high noon on the sixth day of the week and the passages of the citadel were crowded and jammed with the upper classes. And at the last stroke of the hour there was much jubilation among some and much wailing and gnashing of teeth by others and the Freshmen were presented with buttons, but lo, joy was at an end.

For from thence on the green one was known as a pledge.

And nothing more.

Amen.

THE THREE DEGREES OF THE R. P. I. MARBLEHEADS.

EVER since the first class entered the stately halls of the Rose Polytechnic Institute, the student body has been divided into two opposing factions—the one faction being the "Non-Grinds" and the other being familiarly known as the "Busters." The former class being somewhat down-trodden and imposed upon by the more progressive "busting" element, decided to organize themselves and as a result the organization known as the R. P. I. Marble Heads came into existence. Today this organization is one of great power and far reaching influence, and almost every student in the school who has faltered a bit at any time during his school career has been honored with at least one degree of this order.

The requirements for entrance into the first degree are few. The prospective candidate is required to make a grade of "E" in one of the Finals, and his introduction into the body takes place automatically after this has been accomplished. The initiation ceremonies have been kept secret and not much is known about the services which take place on the Green Carpet with Doc presiding.

After passing through this first ordeal which gives to the neophyte the title of "Weak Sister," the more ambitious sometimes aspire to climb to nobler heights. For those so inclined, the path is now open to the degree of "Royal Chronic Con-Exam Takers." It is necessary to be persevering and earnest and one must possess much fixity of purpose to gain entrance into this degree as it is only acquired after much consistent loathing.

Courage of a high order is also essential, for the members of the faculty, who hold the rank of "Slave Drivers" are persistent in placing snares and traps in the path of those who would acquire this rank. In February the class representatives are chosen from those applicants who have withstood the "weeding out" process which proceeding has been instituted by the Faculty, in order to make the paths of the aspirants still more difficult. The race is interesting and the man most worthy of the position is selected from each class. Usually the man with the highest number of Cons is selected, but this rule is not always adhered to. Some men have been known to attempt to acquire this distinction by unfair means, but such action is frowned on by the leaders of the order.

This second order is the most active of the three, and it is from the ranks of this order that the officers of the organization are chosen. This body carries on all the activities of the organization. The officers consist of a president and a collecting secretary. The duties of the president are to call all meetings and to ever carry on an active campaign against the "Busters." He is supposed to see that there are no nails protruding from the soles of the shoes of any of his understudies lest the Green Carpet be pawed beyond the limits of stick-togetherness. It is the duties of the collecting secretary to amass all papers pertaining to exams and sample quizzes, and to bring up the younger generation in the right manner and ever inspire them with the glorious spirit of the organization.

The final order is somewhat in the nature of an honorary organization, which is open to those who have served faithfully and well during their school career or who have been barred from membership to the other degrees on account of the weeding out process. This

"The Goats are out!"
rank is the largest as regards numbers of any other rank, and its members are the Good Fellows and the most radical of all Non-Grinds.

The coat of arms of this organization, consists of a skull mounted on a rose field, flanked by a professor rampant and a green ticket couchant. At the bottom is the representation of a large tank bearing the letters S. O. C. The motto is "Sleepnloaf." The skull on the field of rose indicates the roseate outlook on life possessed by members of this order due to the high percentage of bone. The professor rampant indicates the spirit with which members of this order are regarded, and the green ticket couchant shows to what heights some of the nobler members attain. The large tank represents the midnight oil that should have been burned.

If one member meet another he must bat his head three times against the nearest solid object and smile to indicate no pain. The other member then advances with outstretched hands to show that he does not believe in carrying textbooks of any sort. The first member then says, "Are you a crock?" The second responds, "Solidity forever!" The grip is then given.

VILLA.

(With apologies to Wallace Irwin.)

VILLA are name of man playing second fiddle in Mexico orchestra. He are also engage himself in running U. S. army out of Wind.

Villa pull off Clever raid on Mr. Columbus N. Mexico of late date. Hon. Columbus are only defend by a 100 soldier with cripple machine gun which therefore permit Mex. General to get away with it. Villa were once formerly prodigy of Hon. U. S. Govt. but are now called bandit on account of Biting Hand thats Feeding You. After raid friends of C. N. Mexico rise up and loudly demand for return blood with Rebate stamps. Common People explode to Big Gun of U. S. and say, "Send demand for note explaining Regrets and Disavowal of whole incident."

"Method are too severe," renig B. Gun. Wherefore U. S. army spend two weeks repairing Busted mach. Gun and Swarm over Line after Villa. He have only gotten 3 or 4 one hundred Miles start and are hard push to get away. Finally army corner Villa in sage brushes and break 2 or 3 legs and stomach with Shots but he is escape by hard walking U. S. army halt for repairs and

Something to eat and demand of Govt. for more support. Most of chiefs is engage in sending another Pacifier note to Germany and are too busy to give listening ear. Whole U. S. army are therefore stalled in desert place waiting for Dove of peace to light on flagstaff while 1st fiddle in orchestra say punishment are too much already and ask for Recall. It are of no use to obtain Villa for freedom by court of U. S. but Hon. U. S. army is able to practise on showing preparedness.

TENNIS.

TENNIS is a game which is plade by normal Stoodents and a few others. There is not many tools needed in this game. There is a flat peace of ground someplace which has got white lines all over it and they hang a fish net in between two posts to seperate the players for sometimes the games gets ruff.

To show there frendly attitood at the start of the game the normal Stoodents always holler, "Love everybody. First ball." A ball is supposed to be knocked over the fish net with a paddle. This here paddle is made of sum animals gut and has generly got wood around the edge of it. The wood is the easiest part of the paddle to hit the ball with so the best paddles is made with the wood in the center and the gut around the edges. With this kind of an instrument the game is more interest- ing as the wood is not so easy hit. If the one who starts the game hits the ball to hard, the other one sees how hard he can smash it and if their is no empire, he is suposed to holler out so as the first man can knock over another ball which is not so hard.

The idear of this here game is to see which one can make the other run the most. It is a good thing to play with girls, because you have to run after the balls and hand them to them which makes it easier to get plenty of exersize.

When somebody has one 6 or 7 games he hollers, "Set." And then they are suposed to set down someplace and cool off. The best way to be a good tennis player is to get you a white soot with a low neck shirt and short sleeves. Some people weare a black belt but you cannot be as good a tennis player as if you weare a white belt also. Everybody wears rubber shoes so they can sneak up on the ball without making any noize. Most of these is bought at kike stores for 39c.

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