

STATE COLLEGE WINS OVER WAKE FOREST DEBATERS

Straughan and Rogers Combine Argument and Psychology to Win at Meredith

AUDIENCE APPRECIATES

Henderson and Walker Ably Defend Negative Side of Light Wines and Beer

State College defeated Wake Forest Saturday night, March 5, in one of the liveliest debates ever held in the city. The contest was held in the auditorium at Meredith College and was witnessed by several hundred college students from Wake Forest, Meredith and State College.

The contest was opened by C. L. Straughan, of State College, upholding the affirmative side of the proposition, "Resolved, that the Volstead Act should be modified to permit the manufacture and sale of light wines and beers."

The affirmative did not challenge the Volstead Act in all its workings, but merely the limit to which it is now operated.

B. T. Henderson and B. W. Walker produced very convincing reasons for the negative and not until Dr. Brewer, chairman of the debate, read the judges' decisions did the audience know how the contest would be decided.

All four of the speakers exemplified in a high degree the alternation between humanness and forcefulness in delivery manner and argument. This combination of the so-called English and American debating style is generally regarded as the ideal for college speakers. Probably the State College speakers excelled in this respect as the favorable reaction from the audience would indicate.

One of the State speakers, H. H. Rogers, of Raleigh, was actually interrupted by applause during the course of his speech when he scored a particularly effective "human" point.

The debate represents the debut of State College in literary work of this type with liberal arts colleges of North Carolina. Open forum contests have been held in the past with Duke and Carolina, but the affair last night is the first decision contest in which a technical school competed with a liberal arts college in this state.

The judges for the occasion were: Chief Justice Stacy, of the North Carolina Supreme Court; Reverend H. G. Lane, rector of the Church of the Good Shepherd; and Professor W. A. Olson, instructor in debate at the University of North Carolina.

Dr. C. E. Brewer, president of Meredith College, was chairman of the debate, and Professor C. C. Cunningham, of State College, acted as secretary.

Engineer Is Now Dominant In General Work of World

This is the Age of the Engineer. History began with the age of the soldier, and for thousands of years the military leader dominated the world. Then followed the age of the Philosopher and the Theologian, when the greatest minds were busy in propounding systems of philosophy and in studying the dealings of God with man. Following these came the age of the pioneer and the discoverer, during which vast portions of the earth, hitherto unknown to man, were discovered and made available for his habitation.

The age of the dominance of the soldier is past. We need him only in emergencies, and it is the loss of every one that there will never be another emergency of any magnitude requiring his services. The Theologian and the Philosopher are still important factors in our civilization, but they no longer dominate it. There is no new territory on the earth to be discovered and made habitable.

We have come now to the Age of the Engineer, who has evolved from the pioneer and the discoverer. He is the master of the sciences—Mathematics, Physics, Chemistry and, to a considerable extent, Biology and Sociology; and he it is who makes practical application of these sciences to

Program Engineer's Day
10:00 a. m.—Parade forms on road in front of D. H. Hill Library. Floats will form in front of "1411" Dormitory.
10:15 a. m.—Parade leaves campus.
11:30 a. m.—Parade reviewed by Governor McLean in front of Capitol.
2:00 p. m.—Engineers' Fair opens in all engineering buildings. Entrance to Fair through Winston Hall.
5:00 p. m.—Fair closes.
8:00 p. m.—"Grand Brawl" in Frank Thompson Gymnasium for engineers and their ladies. Informal.
10:00 p. m.—Dancing.
The Faculty Council has declared the day a holiday for all Engineering students participating in the program.

ENGINEERS WILL PARADE IN HONOR OF ST. PATRICK

Line of March Includes Hillsboro, Dawson, Cabarrus, Fayetteville and Edenton

TO FORM AT 10:00 O'CLOCK

Silver Cup To Be Given To Best Department Float by Engineering Faculty

For the first time in the history of this college, St. Patrick's Day will be celebrated. Six Patrick was an engineer, and to pay him the highest respect on his birthday, the Engineers' Day School of State College will parade the streets of Raleigh. St. Patrick himself, represented by John Anthony, will take the place of honor in the parade.

At 10:00 a. m., March 17, St. Patrick's herald will sound the bugle call as a signal for all Engineers to gather in front of the library. Here they will form a column of fours and then will give the St. Patrick hats, rosaries, and decorations which will be worn in the parade. The faculty of the Engineering School will ride in automobiles and will form in the road by the ag pole. St. Patrick, in his "chariot," will take his place at the rear of the faculty. The Engineering students will follow St. Patrick and the Engineers' Council will follow directly after the students. The floats will be behind the Council.

The parade column will march down Hillsboro Street to Dawson Street, turn to the right and march to Cabarrus Street, turn to the left and move to Fayetteville Street, halting with the head of the column in Cabarrus Street at the junction with Fayetteville Street. Here the column will be reformed in the following order: Mounted policemen, Governor McLean, President Brooks, and Dr. ... Continued on page 2.

WEAK, BUT PROMISING, SAYS WATAUGAN CRITIC

Makes Decided Comment on Each Contribution; One or Two Praised

Weak, but promising, is the conclusion of our reviewer regarding the last issue of The Wataugan, student literary magazine. Due to lack of time preliminary to examinations, the reviewer made his observations short and snappy. He wasted no words, but he made a decided comment on every contribution in the number. The best article, according to the reviewer, is evidently "Moon Madness," a short fanciful sketch by A. C. Clarke.

Other pieces which looked good to the critic included "The American Principle of Peace," an oration by H. J. Oberholzer, and "Mental Ramblings," written by a professor. The literary work was rather spurring with his praise but waxed hot in denunciations of the editorials concerning some of the articles and several of the departments of the magazine. Following is the line-up and summary:

- The Old House—Better than usual. Whom the Gods Would Destroy—Clara Bowers. Epigraphies—Razberberies. Editorials—Puerile. Jesus the Victim of a Political Crisis—Rather good. Crip Courses—Very good for a freshman. American Principles of Peace—Well worth reading. My Room Off the Campus—Punk. Mental Ramblings—Subtle satire. Scraps and Sketches—Very ordinary. On the Campus—Irrelevant in a magazine. Voices—Turpid. Moon Madness—Ripping. Exchanges—Fair to middling. Signet at Sea—Bubbly-blowing. Book Reviews—Verbose.

JOHN A. ANTHONY, ALIAS ST. PATRICK



This young man, president of the Engineers' Council, will be dressed in the ancient Irish costume of St. Patrick during the celebration of the patron saint's day, Thursday, March 17. He will represent St. Pat. at the Grand Brawl.

Raleigh Defeats Greensboro To Win Class A Tournament

LACY TO SPEAK PULLEN HALL SUNDAY, MARCH 13

Dr. B. R. Lacy, Jr., president of Union Theological Seminary, Richmond, Va., will preach in Pullen Hall, State College, at 7:30 p. m. Sunday, March 13. Students, faculty and the public in general are cordially invited to attend. He is most interesting and forceful speaker.

Dunn Captures Class B Honors and Prospect Takes Class C; Miller Presents Gold Basketballs to Members of Winning Teams and Silver Ones to Runners-up; Second Year of Tournament; Members of Physical Education Department Act as Referees.

The second annual Invitational High School Tournament came to an end Wednesday night after running since 6 o'clock Monday evening. Raleigh, Dunn and Prospect won class A, B and C respectively. After the Raleigh-Greensboro contest, J. P. Miller presented the six cups to the winners, and runners-up. Coach T. Bell presented the gold and silver basketballs to the individual members of the six teams. The "off" balls were presented to the winners and the silver ones to the runners-up.

This is the second tournament to be held at State College, and surpassed the fondest hopes of every member of the Athletic Department in that it was played out in a highly satisfactory manner. Director Miller said that he had never seen cleaner basketball and better sportsmanship than was shown at this tournament. The student body of State College ... Continued on page 2.

St. Patrick Celebration Was Originated U. Of Mo. 1903

The celebration of Engineers' Day in colleges and universities having schools of engineering dates back to 1903. In this year the engineering students of the University of Missouri adopted St. Patrick as their patron saint and selected March 17th as the date of their annual celebration. The selection of this patron and his feast day was due to his notable achievement in driving the snakes out of Ireland. An account of this act of the engineers' classed him as one of the outstanding members of their profession, by having made the first worm bite.

Each year since the idea originated, this engineering students of other colleges and universities have taken it up and it has spread from coast to coast, especially by the St. Patrick's Day will hereafter be an annual affair. The University of Missouri was the first to organize the Order of St. Patrick, an honor society for engineering students only. This organization has also spread throughout the country. A. N. C. State the program of the day is in charge of the Engineers' Council, an organization which was established on the campus last year. This Council is composed of twelve members, the two outstanding students from each of the engineering departments. This year the committee elected the policy of electing its president the "St. Pat" for the year and he is anticipated that this will become the custom in the future.

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Spirit Of Engineers Never At Better Advantage—Brooks

The spirit of the Engineering School has never attained to a higher state than in the preparation of the Engineers' Day, to be celebrated at State College on Thursday, March 17. The idea of celebrating the day was first proposed in 1903 and has since then been the subject of much discussion. It is now a well-established custom at State College. The purpose of Engineers' Day is to present in a more comprehensive manner many of the various courses of study in all departments of the college. The day is a grand opportunity for the student body to see the work of the various departments and to appreciate the spirit of the Engineers.

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St. Patrick Was An Engineer

St. Patrick was an Engineer, he was, he was! For he struck the Emerald Isle, And made his man and his cattle, Erin Go Bragh, Rab! For the Engineers. St. Patrick was an Engineer, he was, he was! For he was the man with the monkey wrench, That spanned the lawns to the bench, Erin Go Bragh, Rab! For the Engineers. St. Patrick was an Engineer, he was, he was! For he invented the Calendar, And handed it down down to us, Erin Go Bragh, Rab! For the Engineers. St. Patrick was an Engineer, he was, he was! For he was "found" in a memory, And in Senior English in a '91, Erin Go Bragh, Rab! For the Engineers. —Missouri "Shamrock"

COMMITTEE GRAND BRAWL ANNOUNCE ALL IS NOW READY

Professors and Dean Recommended by Council as Honorary Knights of St. Patrick

WILL START AT 8:00 P. M.

One Thousand Invitations Sent Include Practically Every Engineer in State

The committee in charge of the Grand Brawl, which will wind up the program for Engineers' Day on Thursday, March 17, through its chairman, "St. Pat" Hall, that everything is in readiness for a festive evening that will be long remembered on the campus.

St. Pat's Honorary Knights of St. Patrick, N. C., one of the best orchestras in the State, has been secured to furnish the music. The affair is scheduled to start at 8:00 p. m. at which time "St. Pat" (John Anthony), his Queen and Court will enter the Gym. The ceremonies will begin immediately afterward.

The names of the donors who will be dubbed Knights of St. Patrick will not be announced until the night of "Brawl." It is hoped that the entire class will be present as in case of absence their election is made void. Identical certificates will be presented to each initiate.

The twelve Fresh who are to be made Companions of the Order of St. Patrick will be notified shortly before the 17th. The Engineers' Council has recommended to "St. Pat" that Dean Riddick and all the full-blooded professors in the School of Engineering be made Honorary Knights of St. Patrick. They will also be initiated at the "Brawl."

After the program and ceremony have been completed the balance of the evening will be given over to dancing, which will continue until midnight. All engineering students who paid their fee and all invited guests are requested to bring their ladies. The council is sending out 1,000 invitations to the Fair and "Brawl," practically every engineer in the State being on the mailing list. It is expected the Gym will be filled to capacity.

CAINE SPEAKS IN POLK HALL ON LIVESTOCK

The fifth lecture in a series of livestock lectures, arranged by Professor R. S. Curtis, was given in Polk Hall, Monday night, March 7.

The speaker of the evening was Mr. Caine of the United States Industry Division. Mr. Caine is nationally known in this field of work by his tours and work throughout the United States.

INTRAMURAL NOTICE

The intramural basketball tournament will be held on Thursday, March 17, at 8:00 p. m. in the gymnasium. The teams will be the Engineers' and the Faculty. The winner of the tournament will receive a silver cup and a certificate. The results will be published in the next issue of The Technician.

Civil Engineering Trains Students For Active Work

The aim of the course in Civil Engineering is to give such training as will enable our young men to take an active part in the work of advancing the State along material lines, developing its water powers, building railroads and public highways, constructing water supply and sewerage systems for communities.

The student is given a large amount of practical work in the field and drawing room, and acquires a fair degree of efficiency in the use of surveying instruments and in drafting. At the same time it is

recognized that a successful engineer requires a well trained mind, one that reasons logically, accurately and quickly. Therefore, a thorough course is given in all those branches of applied mathematics which are involved in the solution of engineering problems.

The aim has been to make this preeminently a technical course, but subjects of general culture are included in order to give the student a broader mental training and a better preparation for social and business life. The professional work begins with the first term of the first year with Engineering Lectures to members of the freshman class. Those students taking the regular work leading to the degree in Civil Engineering may elect at the beginning of the senior year work in the Highway Engineering Department.

Two other courses, Sanitary Engineering and Construction Engineering, have been recommended by the Faculty of the School of Engineering and approved by the Faculty Council. The curriculum in Sanitary Engineering will be given at the com-

Card of Appreciation

State College has again put across a successful High School Basketball tournament—an even more successful one than last year. By State College I mean you—you—you. These tournaments show that State College can accomplish a big undertaking by team work. You can put across any undertaking to a successful end if all are willing to make a sacrifice, each individual making his own particular contribution. The Department of Physical Education desires to express its appreciation for the co-operation given by all.—J. F. Miller.

pletion of a four-year course in Civil Engineering. Those Civil Engineering students who wish to specialize in Sanitary Engineering may register as graduate students and pursue this course in Sanitary Engineering.

The curriculum in Construction Engineering will be elective from the regular four-year course in Civil Engineering and will be for the time being a division in the regular curriculum. The need for this course has been voiced by the members of the North Carolina Branch of the Associated General Contractors of America. The arrangement of sub-

jects for this course is based on suggestions furnished by a committee of this association and by similar courses given in some of the Northern institutions.

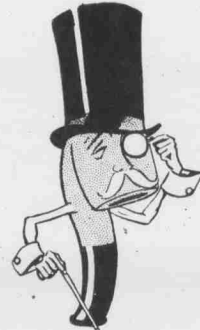
Raleigh Defeats Greensboro To Win Class A Tournament

(Continued from page 1.)

deserve a greater part of the credit for making this a successful tournament, for without their co-operation it would have been impossible to have made it a success. Most every student doubled up and took high school boys into his room and entertained them while they were here. Very much credit for the success of the tournament is also due to the members of the Department of Physical Education who refereed the games, and who sponsored the tournament.

This year only fifty-eight teams were allowed to enter the tourney. This was due to the fact that the students here could not take care of the one hundred and forty teams that signified their intention of entering by filing applications. Next year there will be five days of the tournament and every high school that desires to enter may do so. Class C will play first and only the two winning teams will be kept over until the final night. In this way it will be possible for the student body to take care of all the teams that wish to enter.

No matter how high-hat a pipe may be . . .



MAYBE you know some old fogey who owns one of these ultra high-hat pipes. . . a blotto bimbo who broadcasts a line of "broad-A" lingo: "cawn't enjoy tobacco that costs less than two bucks the ounce" . . . Well, paste this bit of news in the old boy's stove-pipe.

In picking pipe tobacco forget price ENTIRELY. . . draw your own conclusions through the stem of your trusty pipe. Draw deep from a bowlful of grand old Granger Rough Cut and learn that there's ONE truly fine tobacco that DOESN'T cost a fortune.

Here's tobacco as fine as any man ever packed in his pipe. . . Granger is made for pipes and cut for pipes—it SMOKES like a million dollars! But the pocket-package is a foil-pouch (instead of a costly tin) and so, it SELLS at just ten cents.

It's tobacco worthy of the "dawgiest" meerschaum or calabash. . . tobacco worthy of any pipe in the world!

GRANGER ROUGH CUT



The half-pound vacuum tin is forty-five cents, the foil-pouch package, sealed in glassine, is ten cents. Made for pipes only!

Granger Rough Cut is made by the Liggett & Myers Tobacco Company

COLLEGE COURT PHARMACY

"Nuff Said"

C. RHODES Proprietor

Ceramic Engineering, "The Infant," Shows Great Growth

The Department of Ceramic Engineering, the "Infant" of the School of Engineering, has shown remarkable growth in the three years of its existence. Established primarily to promote the ceramic industries of North Carolina and to thus provide plants in which its graduates might find employment, it has exceeded the fondest hopes of those who sponsored it.

In the three years since the department was established the growth of the ceramic industries in the State has been remarkable. Up to 1924 the total investment in these industries since their establishment in Colonial days did not exceed \$1,000,000. In the brief period since that date approximately \$5,000,000 in new capital has gone into improvements to existing plants and new plants and properties. This development has not been confined to any particular branch of the industry but has included structural clay products, kaolins and feldspars.

During this period of expansion the department has made a very comprehensive survey of the ceramic raw materials of the State, a survey of the existing plants and has also made hundreds of reports on samples sent in by individuals.

The Class of 1927 will include the

first two Ceramic Engineering graduates. Each succeeding class will be larger as there are now 30 students in the department, about equally divided between juniors, sophomores and freshmen.

The department is also carrying on a large extension program by means of correspondence courses. It has enrolled several hundred students in the past few years. These men represent every State in the Union as well as several of the countries of Europe, Asia, South America and Australia.

During the past years the equipment in the Ceramics building has been gradually increased as funds became available until it is now nearly complete. The machine laboratory contains a full size brick and hollow tile machine and cutting table and a full size dry and wet pan. It also contains a filter press, ball mill, dry press, potter's wheel and other equipment of laboratory size for carrying on student and research work.

The kiln room contains four gas kilns. The largest is used for burning structural products and a smaller one for pottery and test burns. A small muffle furnace is provided for glass melts and another for fusion tests.

The dryer laboratory is equipped with a humidity dryer, electrically heated, which is used for large pieces and also an electric drying oven for small pieces.

At a recent meeting of the North Carolina Clay Products Association the members voted sufficient funds to equip a silex laboratory. This laboratory will be used principally for research work on raw materials.

North Carolina and other Southern States contain the world's largest deposits of the principal ceramic raw materials. Development of these valuable resources has been hindered principally because of the lack of ceramic engineers, there being only six in the entire South at the present time. To design and operate modern plants for the manufacture of cement, glass, enameled iron and steel products, white ware, refractories and structural products requires the best engineering skill. It is in training engineers to develop these industries that the Department of Ceramic Engineering at State College is destined to make a great contribution not only to North Carolina but to the entire South.

The Ceramic Engineering curriculum has been especially designed to meet Southern problems and with the splendid co-operation of the ceramic manufacturers of the State in giving students summer work the graduates will be well equipped to take advantage of the many opportunities offered them.

Engineers Will Parade In Honor of St. Patrick

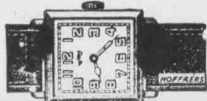
(Continued from page 1.)
Hiddick, engineering faculty, head of St. Patrick Engineering students Engineers Council and the floats. The parade will move up Fayetteville Street at 11:30 a. m. to the capitol and around to Edenton Street, then back to the college.

A beautiful silver cup has been donated by the Engineering faculty to be presented to the department which builds the best float. The committee to judge these floats will consist of Mayor Culbreth, H. E. Miller, director of the Bureau of Sanitary Engineering and Sherwood Brockwell.

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SEE OUR REPRESENTATIVES ON THE CAMPUS
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CAPITOL CAFE

Special Services to State College Students

SANITARY—CONVENIENT—REASONABLE

Give Us a Trial

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Easter Is April 17th

In case you want your Suit tailor-made, place your order now and have it by Easter.

We also carry the real COLLEGIATE STYLES in READY-MADES—Give us the once over.

Prices Ready-Made or Made-to-Measure

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\$30.00

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and up

BERWANGER'S

Yarboro Hotel Building

Accomplishment Record Of Experiment Engineers Great

To be a potent agent of the State in aid of developing industry and of the economic utilization of material resources is an ambition worthy of any Land-Grant College. This is the ambition of State College in the establishment and fostering of its Engineering Experiment Station. This was a step forward in engineering education and engineering research in North Carolina, just as it has been in many other States where the Land-Grant Colleges have established engineering as well as agricultural experiment stations. With modest funds and few workers, the North Carolina Station already has a record of accomplishment, not the least of which is the steady growth of the spirit of research in the School of Engineering.

State College started a new era in the ceramic industry in North Carolina by securing Professor Greaves-Walker, who determined the value of large quantities of shales and clays of fine quality, invested capital in them, and advised as to modern processes and methods till now this heretofore languishing industry has taken on new life, trebled its investments,

and produces increasingly large quantities of brick, tile, etc., the equal of any elsewhere. These should be among our most prosperous industries.

Among other research Doctor Randolph has succeeded in removing the odor and taste from menhaden fish oil. The commercial adaptability of the process, and in fact the whole fish oil industry is being investigated to determine how we can best be of aid to this important industry. Space prevents more than mention of the investigation of deterioration of cotton seed, conversion products of cotton seed hulls and peanut hulls, of the pollution of streams, and of the vegetable oil industry.

For three winters Professors Dana, Vaughan and Martin have made tests on the heating of residences in Raleigh. The results are valuable, they have been published in part as instructions for the selection of the most suitable coal and for the greatest economy in its use. The comparison of different houses and heating systems should be completed for publication soon.

For the comparative measurement

of road surfaces the North Carolina Road Test truck has been constructed with the co-operation of the State Highway Commission and used for over a year with very valuable results. A lighter test vehicle representative of car operation has been designed and embodies a number of improvements, such as a combined printing odometer and amperhour meter, which will make automatically all the records necessary to compare the road surfaces.

A tire tester with some improvements has been designed and is expected to be built soon. A drum dynamometer to test cars and trucks driven on it has been projected and should be constructed the coming year.

In measuring and analyzing the resistance to the motion of a motor vehicle on smooth hard roads it is exceptionally interesting to note that the air-tuned tests made at the Kansas State Agricultural College were checked by our results as was also the average displacement resistance due to tires made at the United States Bureau of Standards.

The double current furnace and the investigation of refining certain refractory North Carolina minerals is in abeyance during the absence of Professor Cox, who is devoting this year of leave toward the commercial adaptation of the inventions already made.

Professor Tucker, Mr. Fontaine and Mr. Bell have made a study of County Highway Maintenance and Organization. Their work has progressed so that by next fall their Bulletin on the subject may be expected to appear.

The aim of the Engineering Experiment Station is to be of service to the State by investigating and testing to find out the facts in their true relationship and then to publish the results which will be of aid in the utilization and conservation of our natural resources and in the building of industry and men in the State of North Carolina.

U.N.C. STUDENT COUNCIL TIGHTEN ON REGULATIONS

There is a growing tendency among the students here toward poker playing, giving of bad checks, unnecessary noise in the dormitories, and violations of the laws of the country in regard to liquor drinking. Sid Chappell, president of the student body, declared in Chapel, Tuesday morning, "This is not a case of 'Chappell Issues Warning,' as the Tar Heel would have you believe, but a statement of facts," he said.

Several men have been caught gambling and a large amount of drinking has been observed here in the past few days, according to President Chappell. "Several men will probably leave the University this week by invitation of the Student Council," he stated.

"Unless drinking, gambling, continued giving of bad checks, and disorderly conduct in the dormitories cease, a good many more men will receive an invitation from the Council to take up their abode elsewhere. The University is a training camp for good citizenship, and should be regarded as such by the students.

Don't Squawk

"I don't want the students to tell me or another member of the Council every time they see a case of violation of the honor system," Mr. Chappell declared. "The man who speaks to a student and warns him when ever he sees him committing a violation is a brave man, while the one who informs the Student Council and reports that his name be withheld is a coward."—The Tar Heel.

LITERATURE CLUB DISCUSSES MENCKEN

H. L. Mencken had been present at the meeting of the Brooks Literature Club last Friday noon he would have been both abashed and elated.

The topic for discussion was Mencken and his style of writing. In the informal discourse, as is characteristic of the Brooks Club, Mencken was upheld as a crusader in the field of literature in America, a martyr in the service of a greater America, especially in the field of letters, art, and government.

Mencken also was denounced as a destroyer of that which is good in American life, a destructive critic that tears down but fails to give something in the place of that destroyed. All seemed to admire Mencken's ability as a thinker, but all do not agree with his method of achievement.

Since the club has changed its time of meeting from every other Tuesday night to every Friday noon there has been an increase in attendance and interest in the club and its work.

Try It, Duke

Dr. Littleton: "If you spill this acid on your hand it will make it smart!" Duke: "Trasher, 'What if you drink some?'"

That girl on the sofa looks all broken up. Yes, her fiance just crushed her in his arms.

Chemical Industries Not A North Carolina Experiment

Chemical industries are not an experiment in North Carolina. Among the numerous types of industries which have developed so rapidly within the State during the present generation are the chemical industries. Chemical industries and those which require chemical processes produce more than one-fourth of the manufactured products of the State. The annual output of crude and refined oil, leather, fertilizers, fish oil and strap, rubber goods, asbestos products, paint, shoe polish, mercerized yarns, spiritine, sizing compounds, electro-chemical and similar products amount to more than a hundred million dollars.

The Champion Paper Company is said to have the largest paper pulp and tannin mill plant in the world. During 1926 the daily average tonnage of raw and finished products was 2,650 tons. Among its various products, in addition to craft paper and many kinds of writing paper, paper for the United States postal cards and stamps are made by this company. Its annual payroll is \$2,300,000.

The Aluminum Company of America has at Bala one of the largest aluminum plants in the world. There are 56 cotton oil plants and one large refinery operating in the State. One of the largest bleaching plants and two of the largest electro-chemical plants in the South are in North Carolina.

About one hundred municipalities within the State have surface water supplies. Some of these plants are now operated by chemical engineers. Other municipalities are arranging to place men with chemical engineering training in charge of their plants as soon as possible.

The Chemical Engineering curriculum at State College comprises the fundamental courses in chemistry, and in engineering, with special emphasis on the engineering problems of chemical industries and of applied chemistry. In common with all the engineering curricula, Chemical Engineering has a background of cultural studies, and of Economics and Business Law.

Frequent calls with offers of good salaries have come from within and from outside of the State during the year for men with this training. Many of these opportunities could

not be embraced because a sufficient number of men were not available with the chemical engineering training required.

North Carolina positions should be filled with men trained in the State. This field is comparatively new and is not stocked with men. There are few fields which offer better opportunities to young men for a successful profession. This field offers opportunities for personal advancement as well as opportunity for service to the welfare of society. Positions of responsibility require definite training. North Carolina business men have given assurance that they desire to employ the young men of this State in preference to men of other States, provided they have the right training.

The new Chemical Engineering Laboratory is now being equipped. It is provided with 550, 220, and 110 volt A. C., with 220 and 110 D. C. currents, and with storage batteries for lower voltages. Shafting and pulleys are being hung for operating the machines. The laboratory is supplied with standard control equipment used in industrial practice. A number of industries have recently made substantial contributions to the facilities of this laboratory. The interest and co-operation of these representative industries of North Carolina and of other States in our Chemical Engineering work is highly appreciated.

FOUNTAIN AND KILGORE TO DEBATE IN VIRGINIA

Professor Cunningham, coach of debate, has announced that the team which will meet the representatives of the Virginia State Teachers' College on April 22 will consist of R. R. Fountain, a Senior in Agriculture, and W. B. Kilgore, a Sophomore in Engineering. The proposition to be discussed is: Resolved, that this house deplores the

tendency toward social, political, and economic equality of the sexes.

The State College speakers will uphold the affirmative, and the young ladies from the teachers' college will strenuously deny the allegations made by the sterner sex.

The debate will be followed by an open forum discussion of the subject, in which the audience will be invited to participate. A vote as to audience sentiment on the question will be taken before and after the contest, and the team which induces the larger number of people to change their opinions will be declared the winner of the contest.

Plans are being made for holding the contest in some city of Virginia, but definite arrangements have not yet been made.

State Theatre

Monday and Tuesday
100th Anniversary Program of

KEITH VAUDEVILLE

Five Popular Acts, Headlined By

Baldwin and Blair

Feature Photoplay

John Bowers and Marguerite de la Motte

"PALS IN PARADISE"

Comedy: "Chicken Feathers"

Wednesday and Thursday

COLLEEN MOORE

In Her Latest Release

"ORCHIDS AND ERMINE"

Comedy: "Roped In"

Friday and Saturday

NORMA SHEARER

"UPSTAGE"

Comedy: "Smith's Uncle"

Pathe News

Hudson-Belk Co.

"The House of Better Values"

Special

SHIRT

Values

Boys, we are offering the best Broadcloth Shirts in the city at—

\$1.48 and \$1.95

These Shirts have the same luster, same tailoring, cut over same patterns as \$2.50 to \$3.00 shirts. Made in Neck Band and Attached Collars. White only.

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And Cut to Order

ESTABLISHED ENGLISH UNIVERSITY STYLES, TAILORED FOR YOUTHFUL CHARMS SOLELY FOR DISTINGUISHED SERVICE IN THE UNITED STATES.

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Suits and Toppants

\$40, \$48, \$50



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OUR STORE IS THE

Charter House

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The character of the suits and overcoats tailored by Charter House will earn your most sincere liking.

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Clothiers, Haberdashers, Hatters
"Just a Little Different—Just a Little Better"

8 West Martin Street RALEIGH, N. C.

EXTRA!! -- EXTRA!!

Join the Crowd

And Be Among Those Present
at the

Students Supply Store

1:30 TODAY

(Saturday, March 12)

The Drawing for the Clarodyne Radio

RULES: Five names will be drawn, the fifth person getting the Radio. This Radio must be claimed in person and within 48 hours after the drawing. If not taken before the limit set, the fourth name will be eligible, etc.

Purchases may be made right up to 1:30. Every 50c purchase entitles you to a coupon. Only one coupon needed to win. Get at least one chance on this valuable set.

L. L. IVEY, Manager.

The Technician

Published weekly by the students of the North Carolina State College of Agriculture and Engineering.



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SUBSCRIPTION PRICE: \$1.25 PER COLLEGE YEAR

Our advertisers were solicited with the purpose of putting before you dependable shopping guides. Remember this and feel free to feel safe in getting your shopping by THE TECHNICIAN.

Borrowed Bits o' Bull

The boys occupying the new dormitories are indeed fortunate in having such charming hostesses. The buildings cannot be duplicated in the present campus of any southern university, and to be so fortunate as to have these particular "house-mothers" puts them in a class just a step above any others. Of course, the maid and janitor service is fine, for it is seen that everything is done to make the boys comfortable. Some of use are even taking our troubles to our hostess. Such being the case, the boys appreciate this like-tact touch, and want to let the administration and their hostess particularly know that they do.—The Chronicle.

The good spirit exhibited by the faculty in the recent snowball contests in submitting to the pounding of the undergraduates and the perfect willingness of the students to "soak" them is the best evidence that can be given of the excellent sportsmanship existing between the two groups. We are reminded of the title of a certain book which is "Play Fair Professor." Generally speaking, it is the consensus of opinion among the Furman students that their professors play fair. They also play, as has been carefully noted.

Such a spirit of friendliness and good sportsmanship is certainly to be commended. It takes the instructors out of starch collars and black gowns and puts them on a more human plane. It provides a better basis of friendship than mere class room grind.

Personal friendships between students and their instructors are the good points of small institutions. Good will can exist only through personal contacts. We feel proud of our snow battles. Even the dark clouds (snow clouds) of winter have silver linings.—The Hornet.

THE ENGINEERS' FAIR

We are glad to devote this issue to the cause of the Engineers' Fair, and to the whole School of Engineering.

In the past the Engineers have failed to come forward and take the leading place in campus movements that rightfully belonged to them because of their multiplicity of numbers.

For many years they have given a fair, but these fairs were characterized by a lack of cooperation among the students in the School of Engineering. Their whole attitude, with few exceptions, has been to "let George do it." A few of the "Georges" have risen from the ranks in each succeeding crisis, and have put across the work necessary to get up very creditable fairs.

But in previous years they have had no organization, and last year found it necessary to postpone the fair indefinitely.

A falling object must reach bottom before it can rebound, and the unity of spirit among the engineers has rebounded, and is fast gathering speed for the greatest unified effort in its history.

True to history, a few men have been called upon to take the lead in this work of organization and administration. But the school as a whole is showing interest and a willingness to work that has been lacking heretofore.

According to all available information,

March 17, the day of the fair, will be full of Engineers' handiwork from early morning till the clock strikes the hour of midnight. Just as the Agricultural Fair is each year the greatest affair of that school, so will this fair be the greatest occasion for the School of Engineering.

This day should be only the beginning of a movement that will bring a greater unity of spirit throughout the years to come. Each year the fair should be more successful, and its popular favor should grow, in keeping with the rising enthusiasm of the students of that school. We emphasize "students," because it is, and should be, primarily a work of students.

ENGINEERS AND ENGLISH

Fred Tarleton '26 writes Doctor Harrison, March 2, 1927, as follows:

"I have been new with Westinghouse for eight months or something over, and I decided to send you a note regarding the young men who come here.

"Last year nearly three hundred students started on the course of training given by this company. About sixty per cent of these are engineers. They hail from every part of the nation and from several foreign lands. They are the honor students of different universities and colleges. In fact, most of them wear some kind of honor badge, and several wear as high as three. But they lack in English training. Almost all of them would be better men if they had some more English. The errors which are sometimes made make a fair student of English shudder. They are terrible.

"Should you have difficulty in getting engineering students to take courses in English, remind them that engineering companies need more and better scholars in this subject."

Student Forum

SUCH LACK OF INTEREST!

The students of State College who are interested in debate and oratorical competition appreciate very much the hearty support given the team which won a signal victory over Wake Forest College last Saturday night at Meredith College. Besides Professor Cunningham, who was present as coach of the team and secretary of the contest, one single, solitary, lonesome State College faculty member was present. We feel sure that if the contest had been a third-rate one in basketball or football instead of a first-rate one in debate, the faculty members would have been present in large numbers. Debating, of course, being only an intellectual activity, does not command as much interest on the part of anybody in American colleges and universities as does any form of athletics, where brawn is the determining factor. —N. C. State College is, accordingly, no exception to the rule. There seems to be some justification for the statement made by an astute Chinese observer: "An American university is an athletic club in which certain opportunities for study are afforded the football-boddy."

If our sense of values weren't slightly distorted there would be at least as much honor coming to the debating team of a technical school that wins over an excellent team of law students as there comes to a baseball team of that same technical school which wins a hard-fought contest with a team from a third-rate college.

A. WRANGLER

Uncle Dudley's Opinion--

State College does have one friend, it seems, connected with the News and Observer. In the "Callar and Garrett" column on Friday, March 1, credit was given to a group of State College students for a little thoughtfulness on their part. The Dusenberry of the author of that column was lifted by these students from the deep snow in which it was stuck last week, and he expressed his feeling of gratitude to the students and extended his welcome to them in catching rides when he passed the college.

This shows that all those connected with the News and Observer do not feel so hard against their college after all. Their opinion differs from ours very greatly at times. Even Ben Dixon MacNeill has taken attitudes towards the college that have angered the students very much at times. Perhaps the students have offended him, and others too at different times.

Write ups of the athletic contests at State College seem to some students to be treated with unfairness on the staff's part of our local morning paper. The men that write these articles are not state graduates but they are alumni of other institutions in the State. Naturally, they may seem partial to their Alma Mater.

Future of North Carolina Is Dependent On Power Supply

It is becoming more and more evident that the future of North Carolina depends largely upon the proper development and use of her sources of power. The State is most fortunate in possessing a relatively large amount of available waterpower, and this is more important since her coal resources are meagre. But water powers are usually located in inconvenient positions for industrial development. Consequently the proper development of this source of power must be accomplished by means of electrical systems of transmission, this being the only means by which we have yet been able to transmit power any appreciable distance without prohibitive losses.

The State already possesses large electrical transmission systems, and these are spreading rapidly, extending in all towns and cities and reaching out into the rural sections. These systems of the State also extend into neighboring States and are tied in with their systems of transmission lines and these States are again tied in with their neighbors; the wires forming a complex network of high voltage transmission lines covering the southeastern States. These southeastern systems will be within a short time, connected through the Virginia system as far as Chicago. Chicago in turn has been tied through the district around the Great Lakes to Boston and this great transmission system is closing in around the great cities on the Seaboard. It seems apparent that within a few years that the whole eastern power of the

United States will be linked together through its electric highways, all operating together, each section helping the other as its needs require.

This rapid increase in the use of electric power brings the need for great numbers of technically trained men to construct and operate them. The increasing responsibility makes it necessary that these men should be given better technical training. This is the goal which the Department of Electrical Engineering sees before it, the supplying industries of the State with men prepared to take charge and carry on this work. The fields open for employment are many and varied, since practically every industry in the State is now dependent to a more or less degree upon some application of electric power. The mills are driven by electric motors, lighted by electric lamps, hoists are to be lifted and all the electric conveniences applied. The rural districts, now but meagrely supplied, must be supplied, must be taken care of and means found to get this great servant of man out to the farms. Practically all of our systems of communication are electrical. The mineral resources of the State, almost as yet untouched, can probably be profitably developed through electrical methods. Some of our railroads before long will find it necessary to depend upon electricity for operating to meet the increasing traffic. These are the fields for our graduates and it is the purpose of the curriculum in Electrical Engineering at State College to prepare young men to go out and take part in this great work.

Great Influence Engineering School In North Carolina

The influence of the School of Engineering of North Carolina State College is being felt in the industrial development of the State. When this college began to offer instruction in engineering subjects, the engineer was little known in North Carolina. Thirty-five years ago very little engineering work was being done in this State. At that time most of the work in Mechanical Engineering lines was done in and around the large industrial centers, such as Pittsburgh, Chicago and New York. The Engineering School has introduced the Mechanical and the Electrical Engineer to the South. Birmingham, Ala., has become one of the largest industrial centers in the United States.

Mechanical Engineering in the broadest sense includes activities in many branches of engineering. It would be very difficult to give an economic value to the service that has been rendered the State by citizens who have sometimes been students in the Mechanical Engineering Department of the North Carolina State College of Agriculture and Engineering. The Mechanical Department was one of the first engineering departments created at the college. In fact the original

but if they have reached the business world and feel that partially in public affairs, and in their paper is beneficial, it is their privilege.

There should be a better feeling existing between the college students and the News and Observer, but it can never be obtained through antagonism. It is your duty as a student to see that this paper's name is printed and raised higher in everybody's estimation. You should feel this way towards both of the Raleigh papers.

The News and Observer is your paper as well as the people of Raleigh. Your athletic contests and events contribute to it, you subscribe to it and read its columns daily; then why should you ridicule something that you help to make and are partly responsible for yourself?

I realize that this paper has shown too much partiality to another college in this State. It does cause some jealousy, but the main feeling is that you want the facts of all happenings to be placed before the eyes of the State as they really exist and not as they seem to the partial author. There should be a spirit of understanding and as soon as this is brought about the friction that has existed will be eliminated and the name of this paper will ring high in the voices of the students.

Last Week's Best Articles

The honor for winning first place in the Best Article Contest last week and the four passes given by the State Theater goes to D. C. Worth for his article, "Mrs. McKimmon Talks to Agricultural Club." The honor for winning second place and the two passes goes to J. B. Britt for his article, "Soils Class Takes Trip to Study Lands in N. C."



Professor Zip says--

EACH teaching bloke can find no joke in giving "aminations; grim horrors lurk beneath his work, and breed hallucinations. He strives and struts to pass the mutts he meets in all his classes, but finds they know no facts, and so, he flunks the dizzy asses. For many weeks he daily seeks to start their brains to thinking, but finds them dead within the head, all putrefied and stinking. Each vagrant, thought to them he brought, was left to take the weather; then on exams they utter damns, and suffer there together. They took no chance to miss a dance through all the winter quarter, but can't afford to face the board with brains of brick and mortar. The prof in pain becomes insane to make such useless labors; all night he swears and kicks the chairs, arousing all the neighbors. His failing list, which few have missed, he views in deep contrition; he falls from grace, and's forced face to face, the Sally-Wage Commission. He augurs ill; he's had his fill; he'll start his fellows fighting; he'll mix his blood with gobs of mud, but teach no freshman writing!

ilities has proved to be most excellent. Recently the cotton-revised bids on mechanical equipment from a number of the large manufacturing companies and in several cases the estimates on the required equipment was prepared and presented by former graduates of the Mechanical Department.

It is with no least pride that we wish to call attention to the achievement and success that our former students have made in industrial enterprises in the home State. They will be found in various activities, from designing operations to structural steel construction, and from sales engineer to consumer. The mechanical graduates who have gone out from the North Carolina State College have had much to do with the industrial development, and they will continue to lead in the development along engineering lines in the State.

POOLE SPEAKS AG. CLUB SWEET POTATO DISEASES

At the meeting of the Agricultural Club Tuesday night, March 8, Dr. R. E. Poole, associate plant pathologist of the Agricultural Extension Department of this State, who is lecturing at this institution, gave an interesting illustrated lecture on "The Sweet Potato Leaf Diseases in North Carolina."

Dr. Poole stated that about nine million bushels of sweet potatoes are raised annually in this State and that a large part of this crop is lost by the various leaf diseases. This is due to the fact that a large part of the crop are still stored in the old-fashioned way of banking them with dirt, which affords an ideal condition for disease to spread. There are about twenty-six diseases

that the sweet potato is susceptible to during the life cycle of the potato plant. A large number of these diseases are carried over from year to year on the potato and in the soils. The main remedy for the diseases is to secure disease resistant varieties and where possible use disease free land.

Mr. Wm. G. Ware, B.E. 1923, is Overseer Dyeing, Riverside Cotton Mills, Danville, Va.

SUPERBA THEATRE

PROGRAM

Week of March 14, 1927

Monday-Tuesday

Anna Q. Nilsen, Kenneth Harlan

"EASY PICKINGS"

Comedy: "Take the Air"

Superba Theatre News

Wednesday-Thursday

Claire Windsor, William Haines

and Harry Carey

"A LITTLE JOURNEY"

Comedy: "Honeymoon With Me"

Novelty Six-Nax

Friday-Saturday

Zane Grey's

"MYSTERIOUS RIDER"

with JACK HOLT

Comedy: "Abbie's Forty Thieves"

Superba Theatre News



Why Razors Seem Sharper with Williams'

WHEN you lather up with Williams Shaving Cream you do a real job of beard-softening. For Williams lather is saturated with moisture—moisture which soaks the stubble so soft that razors just glide through. That's why there's no razor "pull" with Williams, why all razors seem sharper. In 35c and 50c tubes at all dealers.

Williams Shaving Cream

Students Wonder About Certain Engineering Courses

Often students wonder as they go through the various engineering courses offered by the college what it is all about. They question the "usefulness" of certain subjects. They think they must take some subject that will be of "value" to them in their future work.

What is the attitude of the student's future employer on the other hand? What does he say is of "value" and "use" in education for the graduate engineer?

At the present time most employers of engineering graduates say we want the young men to know the "fundamentals," to be versed in the "humanities," and to be neat, accurate, honest, painstaking, and thorough.

By "fundamentals," the employers mean mathematics, mechanics, physics and chemistry. By "humanities" they mean English, history, economics and sociology. All these subjects are required or offered in the four-year engineering curricula.

For the development of the other requirements there is nothing that brings them out better than the courses that lead up to and include

the experimental engineering laboratory work.

The students begin with woodshop and forgeshop work. They learn how to use their hands and how to work with wood and iron. Our shops are the best equipped in the Southeast. We can make anything from chicken coops to cedar chests in wood or from chains to anvils in iron.

Our pattern work gives us a chance to use our foundry. It is equipped with a cupola where we make our own cast iron which can be poured to make anything from window weights to grate bars.

The machine shop gives the student an opportunity to show his ingenuity on various machines as soon as he has learned to chip and file. We make our own repairs and special devices for experimental work.

The different departments have their own experimental laboratories for routine and advanced tests. Civil, Chemical, Ceramic, Electrical and Mechanical Engineering Laboratories and the Materials Testing Laboratory are all thoroughly equipped so that the student becomes familiar with the special apparatus and processes necessary to his own course. The college power plant is also arranged for test purposes so that we can have boiler tests, flue gas analyses, turbine and heater tests.

All of the technical courses are graded so as to lead up to a complete working knowledge of the tests which are standard to various branches of engineering. When a student learns to write a satisfactory report of a test and analyze engineering data from tables and curves so that he can draw practical conclusions he is learning to be of real use and value in the engineering world.

If a student expects to go on into experimental and research work the different laboratories are the great training quarters for such work. If a student never expects to do research work or even to continue in engineering, nevertheless, the training in exactness, observation, and self-expression will be of benefit in any other line of work.

North Carolina State College is particularly well equipped in laboratories and teaching personnel to give the training required to make its students successful if they have the persistence to follow through to graduation.



"Hysterics produced by the emotional reaction of a combination of nerve thrills and laughter, such as the 'spooky' mystery play generates, are beneficial to the system rather than otherwise," says Horace T. Chapman, neurologist.

The spine-tingling mystery picture, "Easy Pickings," which comes to the Strama next Monday and Tuesday, will furnish lots of laughter and plenty of hysterics.

Harry Carey discards his western clothes in "A Little Journey," which comes to the Strama next Wednesday and Thursday, to play an unsuccessful suitor in civilian clothes.

Mr. Carey is supported by Claire Windsor and William Haines.

The fast riding Jack Holt plays the part of Bent Wade in the film version of Zane Grey's story, "The Mysterious Rider," which comes to the Strama on Friday and Saturday.

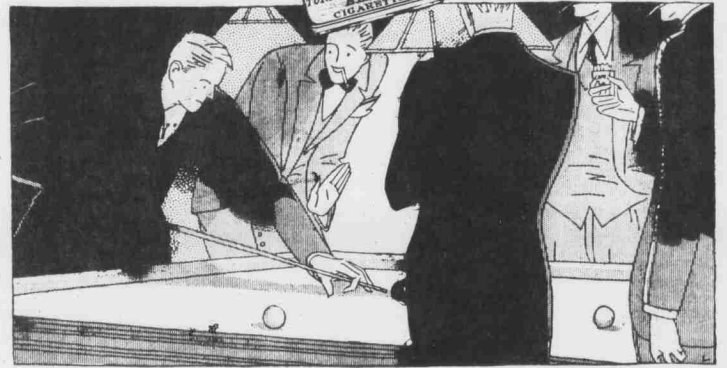
Rudolph Schildkraut and May Robson, nationally famous stage stars, appear in their first picture together, "Pals in Paradise," a mining story by Peter B. Kyne, serves as a vehicle for the two well-known players. John Bowers and Marguerite De La Motte are co-featured in the production, which will be the feature at the State Theatre next Monday and Tuesday.

Making love in jail is one of the unusual experiences depicted in Colleen Moore's new starring picture, "Orchids and Emeralds," at the State Theatre Wednesday and Thursday. The lovers are Jack Muhlhall and the star.

Norma Shearer plays the feminine half of a song-and-dance act in "Upstage," her new vehicle coming Friday and Saturday to the State Theatre. Oscar Shaw, vaudeville celebrity of note, plays the other half of the team, in the lifting comedy romance. It is a vivid tale of life "behind the scenes" in vaudeville, with Dorothy Phillips, Ward Crane, and other notable players in the cast.

Oh! Doctor! Can you imagine a jealous suitor donning feminine clothes to thwart the crafty soother of human pains in his attempt to marry the girl who rejected him? No? Well, that is exactly what happens in "The

H A V E A C A M E L



[Group watching sharks at billiard table]

Camel is its own reason for success

THERE is just one reason why Camel is the most popular smoke in all the world—why it leads in favor all cigarettes of all time.

It is the one cigarette that will stand up all day and as far into the night as you care to go. You can smoke one or a million in daylight or dark and Camels will never tire your taste or leave a cigarette after-taste.

Camels are rolled of such choice tobaccos, are so skilfully blended that there simply can be no better cigarette made.

And that stands, regardless of the price you pay.

If you want the choice of the world's experienced smokers, the mellowest mildness that ever came from a cigarette—

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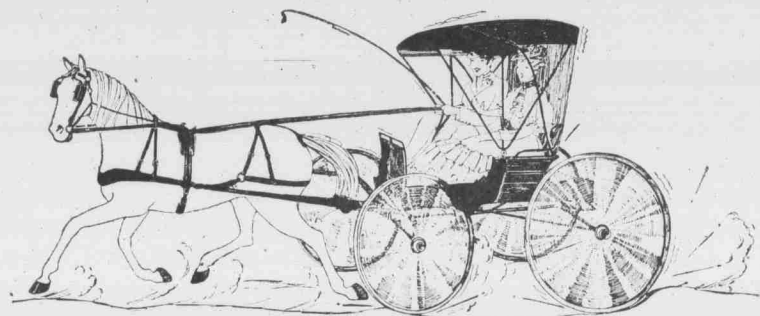
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Thank you, Marm!

IN the days of buggies and puffed sleeves, a "thank you, Marm" was an occasion of rejoicing on the part of the young Don Juan who flourished the whip. The Gibson girl by his side probably protested vociferously against such pitfalls but, nevertheless, she undoubtedly regretted the stretches of newly laid brick, where all was smooth and there were no bumps to encourage a laggard beau.

A quarter of a century has changed all this. "Thank you, Marms" are an occasion for something other than rejoicing—broken springs rather than wedding rings are the result. Instead of being avoided, brick-paved roads (many of them the same) are sought out, for the present generation knows that while "thank you, Marms" brought a temporary joy, lasting pleasure is given only by a well-paved and permanent surface.

NATIONAL PAVING BRICK MANUFACTURERS ASSOCIATION
ENGINEERS BUILDING CLEVELAND, OHIO

VITRIFIED
Brick
PAVEMENTS

OUTLAST THE BONDS

©1927

First Night," the feature at the PALACE next Monday and Tuesday.

Captain Michael Strogoff, as secret courier, is ordered by the Czar of Russia to deliver a message to the Grand Duke, at Irkutsk, 5,000 miles across Siberia.

On his dangerous mission he takes it upon himself to guard a young girl who is seeking to join her father. The picture is named "Michael Strogoff" and shows at the PALACE for three big days, starting Wednesday.

At last the horses who suffered in the cause of mankind on the western front during the World War have had their patriotism portrayed in "The War Horse." This picture, the story of which was written by Buck Jones

with the Tallapoosa Power Company at Badin, and C. A. Moore, 36, sales engineer for the Charlotte branch of the Line Materials Company of Milwaukee.

Mr. H. C. (Red) Hamrick of the 24 Electricals, is now with the Charlotte branch of the General Electric Company. He was a recent visitor on the campus.

Among the recent visitors have been Messrs. R. A. (Red) Isley of the 25 Electricals, who is now with the Carolina Power and Light Company at Zebulon; A. A. (Arthur) Scott, of the

25 Civils, who is now in Greensboro; J. P. (Puss) Kiser, of the 25 Vocationalists, who is now teaching at Bessemer City, and A. L. (Albert) Eagles, of the 25 Air Administrations, who is now in Raleigh with the American Tobacco Company.

Andrews' Fruit Store
we are For State
HOT WEINERS COLD DRINKS SANDWICHES CIGARETTES CIGARETTES
Come One—Come All

Just Off the Campus **Seymour's** Open 7:30-11:30

Drinks : Sandwiches : Cigarettes : Candy
Magazines : Toilet Articles

Alumni Notes

Observations and Communications of Zippy Mack

The Southern Tournament is over, the snow is gone, the high school tournament is over—but we still have examinations.

Mr. and Mrs. D. R. Menden announce the marriage of their daughter, Leona, to Mr. Clyde F. Gregson, Saturday, March 5, at Elizabeth City, North Carolina.

Mr. Gregson is a member of the 26 Civil Engineers, and since his graduation has been employed by the Highway Commission, with headquarters in Elizabeth City, where he and Mrs. Gregson will make their home.

Mr. and Mrs. William S. Crockett, of Newport News, announce the marriage of their daughter, Dorothy, to Mr. Robert Berry, Sunday, February 27, 1927. Berry is a member of the Mechanical Class of '25 and is now with the Newport News Shipyard.

The high school basketball tournament brought teams from all sections, some of them coached by State men. Among those who brought players were E. C. (Frank) Craig, '29, Wade Young, '29, and Percy Beatty, '24.

The Motor Course given this week by the Electrical Department has also brought a few old State men who are assisting in the faculty of the Department in conducting the course. Among them are: B. J. Brown, '25, meter superintendent of the Southern Power Company; W. H. Davis, '29,

NOBLE
French Dry Cleaning Company
FOR REAL SERVICE
"We Never Close"
Phones 1986 and 2707 State Representative, H. H. Vestal

Photographs
Photographs from 1926 and 1927 AGROMECK Negatives Can be Promptly Supplied
SIDDELL STUDIO
FAYETTEVILLE ST. RALEIGH, N. C.



Mill Work

Custom-Made Mill Work
Antique and copies of antique are quite the vogue in furniture, also in interior and exterior wood work. In our plant, we design and make many charming types of antique work, such as old-fashioned window casements and shutters. If you have ideas of your own you wish carried out, we can do the work for you if you will outline your plans to us.
Baker-Thompson Lumber Co.
MILL WORK
West Franklin St. Raleigh, N. C.

Department Architecture Growing Leaps and Bounds

Architecture is the result of man's efforts to build beautifully. It brings those who practice it into close touch with every day life. As such, it offers a life of absorbing interest, because Architecture belongs to the Fine Arts, and the daily work of the architect deals alike with those arts, with the many-sided field of applied science, and with business.

The purpose for which this curriculum was established at State College is to prepare young men for equipping them with a sound foundation of general education, fundamental and technical knowledge, and the practice of the profession by the ability to use it.

The first requirement in Architecture is the ability to design, both from the artistic side, that the structure may present an agreeable appearance, and from the practical side, that it may be adapted to its purpose. Next in importance are those allied engineering studies so essential to safe and economical construction. Last, but not least, the student of Architecture must school himself in those fundamentals of broad training everywhere recognized as indispensable to an architect's success.

The curriculum is so arranged as to give to the student a thorough grounding in the general engineering principles underlying good architectural practice together with design and composition. Rendering, in various medias, is given to enable the student to present his work to the best advantage. The work of the freshmen year is similar to that of all the engineering departments. Each of the succeeding years specializes more in the problems of the Architectural engineer.

The department of Architectural

Engineering is one of the youngest of the engineering divisions, it being formed in 1923 as one of the three groups composing the Department of Civil Engineering. The first two classes to graduate were entirely formed by students transferring to Architecture from the other departments. Last year's class was the first to complete the regular course through from its freshman year. There are now about eighty students registered in Architecture, representing an annual increase of about fifty per cent each from the beginning. The proportionate increase in the future will not be so great as heretofore, but will be more that of a steady and permanent growth comparable to the expansion of the college as a whole.

All of the classes in Architecture are doing splendid work. Students may be found almost any time, day or night, in Page Hall doing work "out of hours" because of the real interest they have in that work. The two upper classes participate regularly in the problems presented by the Beaux-Arts Institute of Design, an organization, national in scope, established for the purpose of promoting and developing the best thought and ideals in Architecture in America. The senior group of students also take part in the annual Southern Intercollegiate competition, one of which is now in process and on the boards. They also enter some of the numerous competitions that are fostered by the various building industries.

There is a great field of usefulness in this State for better Architecture, and the department is earnestly endeavoring to fill that need.

LINE-UP AND SUMMARY OF TOURNAMENT FINALS

Morsons Win "A" Title		Greensboro (21)	
Raleigh (28)	Position	Watsen (7)	
Smith (11)	Forward	Watson (7)	
Morris (6)	Forward	Lipscomb	
Ellington (4)	Forward	Taylor (4)	
Austin (1)	Center	Wyrick (4)	
Nobis (1)	Guard	Sockwell (6)	
	Guard		

Substitutions: Greensboro—Caviness, Sampson. Referee, Sernon (Springfield). Umpire, Drennan (Springfield).

Dana Wins B Honors

Cherry (2)	Forward	Latham (2)	
Faulkner (3)	Forward	Bels (2)	
Ballock	Forward	Purser (12)	
A. Roebuck	Center	D. Ripe (2)	
B. Roebuck	Guard	Craney	
	Guard		

Substitutions: Prospect—T. Rape. Referee, Sernon (Springfield). Umpire, Deak (Guilford).

The line-ups:

Prospect Wins in "C"

Everetts (5)	Position	Prospect (18)	Position
Bryan (5)	Forward	J. Edmundson (1)	Forward
Ferrell (4)	Forward	Matthews (3)	Forward
Kimmer (2)	Center	L. Edmundson (7)	Center
Dowd	Guard	Brown	Guard
Coats	Guard	Goodman (4)	Guard

Referee: Drennan, (Springfield). Umpire: Homewood, (N. C. State.)

TWO PROFESSORS APPEAR IN FEB. "CERAMIC AGE"

Two members of the Engineering faculty, Professor Jasper L. Stuckey and A. F. Greaves-Walker, were "head-lined" in the February issue of Ceramic Age, a technical magazine with a large national circulation, published in Newark, N. J. The work of both men in assisting in the development of North Carolina's mineral resources was praised editorially.

The first article in the issue is by Professor Greaves-Walker on the subject of "The Mineral Resources of the South." Dr. Stuckey also has an article under the title of "The Pyrophilite Deposits of North Carolina."

HIGHWAY DEPT. IS GROWING RAPIDLY

The Highway Engineering Department is a subdivision of the Civil Engineering Department and was created in 1919. Since that time a great number of students have taken the special courses in Highway Engineering and have gone forth to assist in building the roads of the counties and of the State.

The development of highway engineering during the past ten years has been phenomenal. The building of roads has become one of the biggest public endeavors. And even with the great amount of work that has been done, and the enormous sums of money that have been spent, the building of good roads is only in the beginning. It may be expected, as a result, that there will be an even greater need for highway engineers all over the country. It is primarily the function of the Highway Engineering Department at State College to furnish these engineers as the need develops.

The course in Highway Engineering is so designed that for the first three years the student takes the same work as the regular Civil Engineering students. During the senior year he specializes in courses pertaining par-



Edgeworth is what the well-dressed pipe will wear

ticularly to highway development, construction, and maintenance.

The materials used play a very important part in the success of any type of road. For this reason particular attention is given to the study of materials used in highway construction and in the testing of such materials. The Highway Department has a complete laboratory in which all materials used in engineering construction can be tested.

Much research has been undertaken during the past few years on various

features connected with road building. The Highway Engineering Department is assisting in these tests as far as time and means are available. At the present time two research projects are under way: one concerning the relative resistance of various road surfaces, and the other being a study of county highway maintenance in North Carolina.

We always knew Sides was destined to be a great singer, because his hair would never stay combed.

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Estimates Will Be Gladly Furnished on All Classes of Work

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MYSTERIOUS FIRE AT S.P.E. HOUSE SATURDAY

Fire of mysterious origin threatened to destroy the Sigma Phi Epsilon house at 214 Chamberlain Street early Saturday afternoon.

While preparing to leave his room, Frank Wooten chanced to open a closet door which brought about the discovery of the fire raging in the closet. With the aid of two other boys who were in the house at that time and a few well placed buckets of water, the fire was quickly subdued.

Clothing, valued at about one hundred dollars belonging to "Boots" Sanders, was destroyed. The house was not seriously damaged.

As yet no one has been able to find a cause for the fire which so narrowly missed reaching grave proportions.

"I guess I've lost another pupil," said the professor, as his glass eye rolled down the kitchen sink.

For Sale: A pony for a lady with vicious habits but quiet in harness.

Go to E. F. PESCU

...For...
BOOKS AND STATIONERY
12 W. Hargett St., Raleigh, N. C.

Thomas H. Briggs & Sons, Inc.

RALEIGH, N. C.

"The Big Hardware Men"

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BOYS, COME IN!

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FRATERNITY BANQUETS and DANCES

...at...
THE YARBOROUGH HOTEL

THE COFFEE SHOP CAFE

For State College
WIN or LOSE!

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HAVE YOUR WATCH FIXED

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Laud's Jewelry Store

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10% Discount on All Work to State College Men

Whiting-Horton Co.

"33 Years Raleigh's Leading Clothiers"

—KUPPENHEIMER GOOD CLOTHES—

We Allow State College Students
a Discount of 10%



He harnesses words to help sell electricity



F. E. Anderson

"Oh, St. Patrick was an engineer," lustily caroled the senior engineers at Wisconsin in the spring of '16. But to E. L. Andrew, St. Patrick has become the patron saint of merchandising and advertising as well.

Andrew did engineering and had an excellent record in his work. But even in his high school days, he had been interested in writing. And that interest grew as he wrote for the annual, was progressively elevated to business manager of the Wisconsin Engineer, and was advertising manager of the Engineer's Famous Musical Show. He accepted his degree fully determined so far as words to help sell electricity.

When national advertising is wanted here, there is no romance—and advertisement is the prettiest of tracks spread to give the advertiser. So he applied and was accepted as a copy in the Westinghouse Commercial School Course, a page-one description of national advertising.

"What do I have with a large organization? That's what college men want, know just what to do. The people want answers to the simplest questions of every man, woman, boy and girl. This is one of the best of advertising practices. The people at Westinghouse have done it for ten years."

A month after he started the class he was made an instructor. For six months he had classes in the morning—then was free all afternoon to browse through the Westinghouse plant and learn the things that have made him valuable in the direction of Westinghouse advertising. But that's getting ahead of the story.

Andrew's first big personal department was a regular of doing handling requests for literature on Westinghouse home, office, business, and other things. He had a list of

glimpse of merchandising electrical appliances—an activity that was soon to rank with railroad electrification, marine engineering and the other important branches of the Westinghouse business. Andrew grew up with this development. He was one of the men who organized the merchandising section of the advertising department, which has remained under his charge since that time.

But his activities have been wider than this. He has been an interested and able electrically well advertising, he was made assistant to the advertising manager, giving particular attention to national advertising. With the growth of the merchandising department, this promotion also came under his charge.

That he is manager of the sales promotion department of the merchandising sales department, he is at the merchandising section of the advertising department, and so on to the advertising manager.

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Westinghouse

