



The TORREADOR



VOL. 4 LUBBOCK, TEXAS, TEXAS TECH, WEDNESDAY, APRIL 3, 1929 NUMBER 25

Thousands Expected To Attend Engineering Show

Nine Loan Funds Totaling \$27,000 For Student Use

Over 100 Have Borrowed From These Funds; Reports Say No Student Has Failed To Repay

THERE ARE nine loan funds available for students of Texas Technological college, the total amounting to about \$27,000. More than 100 students have already borrowed from these funds, and reports are to the effect that no student has yet failed to repay a loan.

Students Finish Textile Products Laboratory Work Consists Of Weaving Many Artistic, Multi-Colored Pieces Of Cloth

Hardisty and Candler have just finished a very warm colored scarf which was classed as one of the best products made by the Textile Department. Only a few scarfs were made but they will be a sensation of the campus, reports say.

Professor Writes Governor's Life

Dr. S. S. McKay, professor of history at Tech, is writing a biography of Governor E. J. Davis, which is to be published by the Dictionary of American Biography.

1,000 Extra Copies Printed Last Week

One thousand extra copies of last week's edition of the Torreador, the Agricultural Edition, were printed and mailed out to senior high school students throughout this region by the School of Agriculture.

LET'S BE THERE

Every student and faculty member of Tech should be at the college gymnasium at 11 o'clock, Monday, April 8. At this time the Finance Committee of the State Legislature will be visitors at the college.

Third Annual Engineer's Banquet



Over two hundred and fifty were in attendance at the third annual Engineer's banquet which was held at Our Cafeteria recently.

Tennis Game With Buffs Saturday

Tech will send a tennis team in the field against W. T. S. T. C. Saturday afternoon at 2 p. m., at which time four singles and two doubles will be played on the courts east of the cafeteria.

New Architecture Will Be Offered

Engineering students majoring in architecture are being offered a new course in architecture by the school of Liberal Arts and Economics taking courses in freehand drawing will find that many new courses in architecture will be offered next year, among them being water color, pen and ink rendering, pencil rendering and sketching, clay modeling, still life and life drawing, history of civilization and art, history of sculpture, history of painting, and advanced architectural design.

Horne Will Speak At Press Congress

Cecil Horne, director of publicity, and Duella Clemens, journalism student, will represent Tech at the national meeting of the Southern Journalism Congress to be held at the College of Industrial Arts, April 5 and 6.

Faculty Members Attend Austin Meet

Dr. Granbery of the Social Science department; Dr. Evans of the Educational department, and Professor Corey of the Economics department spent the past week-end in Austin attending the sessions of the annual meeting of the Southwestern Political and Social Science Association.

Student Council Makes Resolution

Following is the resolutions recently adopted by the Student Council. Last week Tech Chamber of Commerce made public a group of similar resolutions.

Rhodes Trustees Announce Dates For Applicants

The 1929 election of Rhodes Scholars will be held December 7, and students of Tech must file their applications with the secretary of the state committee of selection before October 19, according to a recent announcement from Frank Andrieu, American secretary to Rhodes Trustees and president of Swarthmore College.

Tech Candidates For Oxford Scholarship May Secure Application Blanks From Dean Gordon

To be eligible a candidate must be an unmarried male citizen of the United States, between the ages of nineteen and twenty-five, and must have completed at least his sophomore year in college before the time he goes to Oxford.

Visitor Represents General Electric

Mr. Clayton, representative of the General Electric company, was a visitor in the Engineering school last week. While here he interviewed several electrical and mechanical engineers.

Girl Editors Will Produce Torreador

At a recent meeting of the Home Economics Council Nora Cooke was elected editor of the Home Economics edition of the Torreador which will appear next week.

Jeerful Seraph

The Actor's lot is not so hard; Dame Fortune on him seems to smile; It must be fascinating play To be somebody else a while.

Engineers Close Successful Year Of School Sport

North Tech Captures Championship In Two Sports And Makes Big Bid For The Third

The third year of intramural athletics ended with the Engineers champions in two sports and having lost a third sport only after having to play an extra game to decide the championship.

Program Covers Made By Students

As an example of the practical work accomplished by 'Textile students is the covers for the programs of the Engineers' banquet.

Excursion Planned By Civil Engineers

Plans are being made for junior and senior Civil Engineers to go on an excursion to Dallas.

Material Purchased To Make Broadcloth

In recent years fine cotton broadcloth became one of the largest products of the world's cotton mills.

Calendar

- Wednesday 3 Girls' Glee club, room 310, 4 o'clock; Hall County club, room 209, 7:30; Press club, room 214, 7:30; Ag club, room A-109, 7:30; Central Texas club, room 310, 7 o'clock; Lubbock club, room 302, 7:30.

Engineer Society Passes 250 Mark

The Engineering Society was organized with the following officers: Mr. R. A. Studhalter, president; Miss Vivian Johnson, first vice-president; Dr. John C. Granbery, second vice-president; Mrs. Mary Dale Buckner, secretary-treasurer; Dr. M. A. Stainbrook, curator.

Organized Group Sponsors Museum

Last Wednesday a group of people met to sponsor a movement for a museum at Tech.

E. E. Students May Attend Dallas Meet

Several junior and senior electrical engineering students from Tech will likely attend the regional meeting of the Southwestern District of the American Institute of Electrical Engineering, to be held in Dallas on May 7 and 8.

Bids Go On Sale For Junior Prom

Bids for the annual Junior prom, which is to be held on April 8, have been placed on sale by Dennis Vincent, president of the class.

Svensen To Speak At Ft. Worth Soon

Professor Carl V. Svensen, head of the Department of Engineering Drawing will speak in Fort Worth, April 13, before the North Texas Vocational Association.

To Be Advertised Over Plains Area

Several thousand people are expected to attend a free Engineering show which is scheduled for April 20, and which is proposed to be an 'open house' as far as the Engineering School is concerned.

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Lettering Contest Will Start Soon

A lettering contest open to students in the School of Engineering is to be started soon. The lettering is to be done on photographs of late engineering projects.

THE TOREADOR

Official Publication of the
TEXAS TECHNOLOGICAL COLLEGE
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PROGRESS

Two influential student organizations have gone on
record to cooperate with the administration of the college
and eliminate congestion in the hallways. They are the
Student Council and the Student Chamber of Commerce.
Such a movement is to be commended. It represents
concerned student action. It gives hope for the belief
that Tech is to have some student initiative after all.
It has taken quite a while to reach the stage of development
where student leaders would assert themselves and make
a determined effort to stand behind their assertion.
It must mean that we, as a student body, have made
some progress.

CORRECT

A communication concerning an editorial which we
addressed to the seniors last week says that the Tech
senior class of '28 did not vote to leave a gift to Tech.
Then, since there has been only two classes to graduate
from the college so far, our statement with reference to
the failure of other classes to leave gifts to their college
is erroneous so far as Tech classes (plural) are concerned.

The statement does not alter our argument for senior
cooperation, however. It was simply more inaccurate
and less exact than it should have been.

It might be well to add that the seniors of this year
are going over in big style with their proposition. Reports
say that near one hundred have contributed funds to
be used in purchasing the gift.

AN ENGINEERING EDUCATION—DOES IT PAY?

When a student graduates from High School he is
capable of earning on the average about \$1000 per year
for the next four years. If he goes to college instead of
taking up some occupation he has thus invested about
\$4000 in this enterprise. Further his tuition, books and
supplies in an engineering school of a public institution
will cost about \$150 per year which would amount to
\$600 for the four year period. Board, room and clothing
would be approximately the same whether in college or
out so it is not considered. Thus an engineering student
invests somewhere between four and five thousand dollars
for his four year college course in a public institution.

The question which should be asked and answered
before this investment is made is what may he expect
to receive in return for his investment. Since the investment
is made in terms of dollars its financial return may
be first considered. In 1924 the Society for the Promotion
of Engineering Education obtained data from over
5000 engineering graduates which showed that the
engineering graduate on the average earned approximately
\$210,000 up to age 60. The College of Business Administration
of Boston University made a similar survey of
a representative number of high school graduates and
found that the average of this group earned a total of
about \$78,000 up to age 60.

On the basis of these data it is seen that the average
engineering graduate earns approximately \$132,000
more up to age 60 than does the average high school
graduate. In other words the original investment of say
\$5,000 has brought a return of \$132,000 which is a pretty
fair dividend.

The philosophers and sages are constantly admonishing
against the wasting of time as the wasting of life.
Their appeal may be too abstract to seriously affect many
of us, but perhaps the economic side may be more appreciated,
by students of engineering especially when from the foregoing
facts it can be shown that for every hour which a student
is nominally expected to study he is the gainer to the extent
of about \$20. This is arrived at by taking an average of
1500 hours of study and class room work required per
year by the average engineering curriculum. In four years
6000 hours are to be put in and the return therefor is
about \$132,000.

If the higher ideas of service to humanity and personal
satisfaction from a life of usefulness are too vague and
idealistic for the immediate moment for the student of
engineering working out his salvation in physics, English
and mathematics to urge him to greater endeavor and
to justify his sacrifice of pleasure and indulgences for
hard work in his studies, perhaps the fact that for every
hour of thorough study that he puts in he should on the
average get a return of about \$20.00 will give him the
stimulus to keep up the fight.

Leaving out all of the more valuable advantages, if
an engineering education pays a return of around \$130,000
in a life time how much work and sacrifice of immediate
pleasure can you afford to make for it?

Student Opinion

ENGINEERS WORK TOGETHER

Engineers have the reputation of working together. In no place will you find this better illustrated than by the Bobbin club, which is composed of the textile students of the college. These students have very close relationship of ideas and work out their problems in the

meeting of the Bobbin club. The club has very definite plans for the future which will be carried out to the benefit not only of the textile students but of the entire college as well. A very binding fellowship is being created among these students which will last after they leave the college and go into the practical work of textile manufacturing. The social side of the club's work will be emphasized in a banquet which will be during the present term. Seven of the charter members of the club will leave Tech as graduates this year.

What Tech Offers

Told By Department Heads

ENGINEERING DRAWING

The graphic language, engineering drawing, is rapidly becoming an integral part of our everyday life. In this engineering age our written language is inadequate for the description of the physical constructions which provide comfort, convenience and means for the progress of civilization in all its phases. It is becoming increasingly necessary for the truly educated man to have a certain fluency in the graphic language as well as in mathematics and literature.

Before many years students in liberal arts will study the graphic language as they now study various courses in English and foreign languages, in order to increase their intellectual capacity—their ability to think, to visualize and to understand.

At the present time the Department of Engineering Drawing gives special courses for the School of Agriculture and the School of Home Economics—and offers courses for students in chemical engineering, education and other fields than engineering. The graphic language is becoming of increasing value in the fields of business, commerce, journalism, art, science, and literature. All the professions now touch upon engineering or engineering upon them. Graphic charts, diagrams, illustrations and the regular engineering and architectural drawings have permeated the literature of modern times.

The use of drawing instruments enters into parts of certain courses just as penmanship or writing is necessary in the study of English. However, the department of engineering drawing does not attempt to train draftsmen. It is true that a student who has taken the course in machine drawing could hold a position as a draftsman but the principal object of that course is to illustrate the relation between engineering studies and engineering practice. This requires the development of space thinking, accurately and definitely, in terms of position, shape, and size.

Too often the use of drawing instruments and tools are associated with engineering drawing. This is most unfortunate as their relation to the graphic language is similar to that of pens, pencils, typewriters and the printing press to other languages. As a matter of fact, the drawing and the actual making of drawings occupy a very small place in the use of engineering drawing. More descriptions, ideas and thoughts are written free hand in the graphic language than are made with instruments.

The greatest use of graphic description is made by men who never make drawings—consulting engineers, business and engineering executives, contractors, doctors, and mankind in general.

Engineering drawing is to the School of Engineering what English is to the School of Liberal Arts. It is the basic language of the professional engineer. It is necessary of itself as a fundamental subject but more so for use in the study, understanding and application of engineering. The fundamental purposes of the department of engineering drawing is to develop the ability to think, to visualize, and to recognize the truth in the analysis and application of methods. In other words, to develop the "engineering attitude" so that progress may be made in the study of other engineering courses, and later in the practice of the profession.

Engineering drawing is the only accepted universal language. It is a language which can be read by all nationalities. The only transition is from the lines on the paper to position in space.

The reading of drawings and visual thinking is of vastly more importance than the making of drawings. Because of this the department offers formal lectures and gives frequent written tests. The laboratory allows the student to prove the truth of his studies by making drawings. Such drawing room periods, however, are treated as recitations during which each student recites two or more times, and receives instructions supplementing the lectures. In short, the old time vocational course in mechanical drawing is displaced by a course designed as a part of the study for the profession of engineering.

—CARL SVENSON.

Announcements

Meeting of Military band at 5.00 o'clock, Salleport, Ad building.

Lubbock Philatelic society will meet Wednesday night, April 3, at the home of Charles Adams, 1317 15th street. All stamp collectors in the college are invited to attend this meeting.

Chamber of Commerce meets 7.30 Monday, room 208, Engineering building. Initiation of new members at this time.

Three more days left for ordering senior invitations, caps and gowns. Three more days left for ordering La Ventanas. No more books will be ordered than are sold, according to the staff.

Rifle Club Matches Five Universities

During the week of April 7-13 the Tech Rifle club will sponsor a rifle match with 5 other universities scattered over the country. Lieut. Kilian, coach of the organization, announces the meet will be held on next Tuesday and Thursday after-

Pre-Law Banquet Will Be April 12

At the last meeting of the Pre-Laws, Wednesday night, final plans for the third annual Pre-Law banquet were completed. The Committee in charge of the affair has announced Friday evening, April 12, as the time and Our Cafeteria as the place. Several members of the local bar association will be the guests of the legal aspirants as well as several prominent out of town guests. Beginning today all Pre-Laws can purchase their tickets from J. W. Jackson or Holmes Webb.

At the last meeting, Truitt Smith, former Pre-Law and present incumbent of the clerk's office of Lynn county, spoke on the duties of the clerk's office and in addition some practical hints and instructions on the way politics are managed.

Several old members of the club have written asking for programs and expressing their regret at not being able to attend this, the gala event of the Pre-Law social year.

The Open Forum

To the Editor of the Toreador:

I wish to call your attention to an obvious mis-statement in the Toreador of Wednesday, March 27, with the hope that the same will be corrected.

In the editorial "Mr. Senior" the following statement is made: "A challenge has been thrown up to you. You are a member of a class which has voted to leave a gift to your Alma Mater. Other classes have voted to do the same thing, yet they have failed."

As there has been only two classes which have graduated from Tech Technological College by the use of plural "classes" the inference is that both of these classes have voted to leave some gift to the college and both of these classes have failed in carrying out this vote.

Such, however, is far from the truth. The class of '28 after due and lengthy consideration voted not to leave any gift to the college. They took into consideration that the privilege of loan funds were often abused, that archways and other such forms of alleged improvement often detracted from the symmetry of the landscape.

Indeed, the class of '28 did not attempt any major project that was not carried to a satisfactory completion. Hoping that the Toreador will inform the class of '28 that they are not alone in their opinion.

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sert this statement in a spirit of fairness.

I am, yours very truly,
TOM B. MORRISON,
Senior President, Class of '28.

EDITOR'S NOTE: It is our opinion that a re-reading and a broad interpretation of the article printed March 27, to which the foregoing article refers, would lead one to believe that there is no "obvious mis-statement." For instance, the sentence: "Other classes have voted to do the same thing (leave a gift to their Alma Mater), and have failed" could be interpreted to mean senior classes in any institution, rather than the meaning which is attached to it in the fourth paragraph of the foregoing article.

While we do not contend that this was the intended meaning, a liberal interpretation is all that is necessary. Furthermore, the distinction between "class" and "classes" in this instance makes little difference in the motive for writing the editorial, the proposition which it advocates, and the "inference" which it leaves. In other words, an attack on the policies of the class of '28 is not intended (as is evident from the tone of the article) and the average reader would not interpret that there is such an attack.

We are glad to learn that "the class of '28 did not attempt any major project that was not carried to a satisfactory completion." We hope the class of '28 can say the same thing since it has voted to leave a gift to the college.

As for the "spirit of fairness" of this year's Toreador, our constituents testify.

Ag. People Attend Big Dairy Show

Several members of the faculty of the School of Agriculture and students of the department of Dairy Products and Manufacturers are now in Plainview attending the second annual Panhandle-South Plains Dairy Show, which is to last until April 5. K. M. Renner, head of the department of Dairy Products and Manufacturers, is supervising the dairy products exhibit, while R. C. Mowery is superintendent of the dairy cattle judging contests and W. L. Stangel is to judge the Guernsey cattle division. In connection with the latter, an exhibit from Tech showing various manufactured products and by-products from milk, such as imitation ivory, is on display.

THE PRIDE OF THE ENGINEERS
He was one of the boys from Tech's north plains,
He had plenty of sense and could use his brains,
He could set up a tripod and sight for a mile,
He could put on a loom and rest for awhile,
He could take any motor and make it go,
He could figure horsepower both fast and slow,
There was always an answer for the question near—
For he was the pride of the Engineers.

Tech's campus, excluding farms, contains 320 acres.

CAMPUS ORCHESTRA IS KEPT BUSY

According to Newell Hughes, his Collegian Orchestra, which will play for the Junior Prom this week, is a very busy organization.

The orchestra is now playing seven nights each week downtown in addition to playing for dances, openings, and other entertainments, giving an average of ten engagements a week.

Hughes promises a new program of music for the Prom, new to Lubbock dancers and in the orchestra's own arrangement.

There are 20,000 trees and shrubs of 200 varieties on Tech campus.

Tommy Morris says that applied mechanics is easy. All you have to know is how to work the problems and then if you do not make a mistake in the calculations you will pass the course.

Last Friday the faculty of the Engineering school had their picture made. Quite a bit of time was necessary to get such a group together. The only reason Mr. Murdough could give for being late was the fact that he had to stop to comb his hair.

It is generally understood that if an engineer fails English seven times he will be immune and receive credit for the course. John Martin says that he has something to live for.

Tech College Cafeteria

On the Campus

Students you are always welcome in your own college cafeteria.

Buttermilk ----- 5c
Sweetmilk ----- 5c
Cornstick ----- 2c
Meat ----- 10c
Salad ----- 8c
Rice ----- 5c
Beans (Red) ----- 5c
Soup ----- 8c
Green Beans ----- 8c

The COLLEGE CAFETERIA

On the Campus

Hotel Barber Shop

Basement Hotel Lubbock
Soft Water, Clean Towels and—
"A Service That Satisfies"

C. M. BALLENGER

Dentist
505-6 Myrick Building

WE CALL FOR AND DELIVER

At no extra cost to you—
Our Phone Number Is 269
All work guaranteed.

Electric Shoe Shop

1013 Main St.

Walk-Over Footwear

\$7.00 to \$10.00

For Men and Women

Why Pay More

You get no more

Minter-Gamel Co.

That Friendly Store

Red Fox Athletic Clothing

Made In Dallas for Southwestern Athletes

Cullum & Boren Company

DALLAS

College Tailors

"A Trial Is A Conviction"



April showers, whether staple or of the West Texas variety, may leave your suit looking like Sir Walter's cloak looked after the Queen stepped on it.

No need to leave it looking that way, when you can bring it by, or

Phone 1696

1111 College Ave.

Recommendation!

Your Bank Can Serve You Best!

Your teachers, of course, can recommend you so far as your scholastic standing is concerned and to a great extent, as to your character; but the business world demands business recommendations.

Your bank is your best friend here. Build up a good reputation by spending wisely and saving judiciously. We will help you while you save, thus helping you while you help yourself.

THE
First National Bank
IN LUBBOCK

Mild, yes; but there's no Scotch in the flavor!



A well known golf pro recently returned from a vacation in Glasgow, his home town, relates a current golf magazine. "Well," he was asked, "how did the boys treat you back home?" "Verra reluctantly!" said he. Well might some smokers likewise reply if asked about their cigarette, we imagine. Mild, of course (most cigarettes are, today), but "verra reluctant" when it comes to delivering taste and body and character.

Chesterfields were blended to supply just that "body" which so many "mild" cigarettes lack. For in addition to that desirable blandness there is a distinct "edge" to its smooth, mellow flavor which is just what the smoke appetite craves. Mild—yes; just that mildness which everyone wants—but something more, something plus—character! The character that makes Chesterfields par for cigarettes. They satisfy!

CHESTERFIELD

MILD enough for anybody..and yet..THEY SATISFY

LIGGETT & MYERS TOBACCO CO.

McLean Honor Guest Of Las Leales Club

Cameron McLean, baritone, and his accompanist, Mabelle Howe Mabel were honor guests at a seated tea given last Wednesday evening in the home of Mr. and Mrs. C. E. Maegen, 1923 Broadway, by Las Leales, an organization of the college. About seventy-five guests called during the evening and were met

by a receiving line composed of Miss Ivo Wilson, the club president, Miss Pearl Harrison, Miss Elizabeth Rodgers, Miss Eufaula Wise, Dean Mary W. Doak, Miss Margaret Weeks, Mrs. Rose Burford, Miss Billie Jones, Mrs. Vera Kerbow, Mrs. A. M. Eubanks, and the honor guests. Miss Mary Jean Owen, presented by Mrs. Doak, read "Cappan Sacchi" from Browning's "The Ring in the Book." Miss Owen presented the honor guests and Mr. McLean responded with a talk on the art in singing. Earlier in the evening the

artist sang several songs at the invitation from Miss Wilson. Miss Margaret Weeks presided at a table from which spiced tea, sandwiches, and candies were served. She was assisted by Misses Mary Jo Cagle, Lizzie Belle Clements, Naomi Allison, Eufaula Wise, Mary Hazel Hurn and Orne McClellan.

Studhalter Gets White House Relic

A rectangular block of pine wood which was taken from timbers in the roof of the White House while the structure was being remodeled in 1927 has just been received by Professor R. A. Studhalter. For 112 years these longleaf pine beams held the roof of one wing of the executive mansion safely over the heads of twenty-six presidents of the United States. The wood was originally built into the mansion during the administration of President James Madison in 1815. Year before last when the supporting timbers of the roof were taken down the wood was found to be in perfect state of preservation, although no treatment had been given to lengthen the life of the wood. Mr. Studhalter is very proud of this relic and will see that it gets a prominent place in the proposed museum for the college.

C. of C. Submits Letter To Students

Following the published resolutions of last week with reference to crowded conditions in the hallways, Tech Chamber of Commerce submits the following letter to the student body:

April 1, 1929.
To the Students:
Cooperating with the President of the Student Body, the Chamber of Commerce of the College is undertaking to render any assistance practicable to students who wish to study in Room 307. To this end, a representative of the Chamber of Commerce will be on duty each day from 8:30 to 12:00 and 1:30 to 4:00. The College authorities are asking that students observe reasonable quietness. It will not be objectionable if two or three students wish to hold a committee meeting, or study together, provided they keep their voices in a low tone and do not disturb.
It is the feeling of the Chamber of Commerce that the student body welcomes a place to study in addition to that furnished by the library. If the Chamber of Commerce can be of help to the students in this manner, one of its objects will be effectively served.
Sincerely yours,
W. E. STREET,
Pres. C. of C.

Thespians To Have Reading Contest

On May 10, the Thespian club, expression organization, will hold an interpretive reading contest, to which invitations will be mailed out. On March 27 the club met at the home of Valla Foster and this afternoon the members will meet with Lillian Hopping, 2429 19th street.

At a recent meeting of seniors which near 125 attended, 68 members of the class indicated that they had done all their college work in Tech. Fifty indicated that they had done part of their work in some other college.

Many Students At Easter Service

With a prelude of music played from the east tower of the Administration building whose soft notes sounded like the swelling of pipe organ music many students gathered in the cloisters where the service of the annual Easter season is held. Mrs. Dorothy Knickerbocker played "Adoration" from Borowski after which Hal Lary led prayer. Miss Margaret Cooper read the Scripture lesson of the morning, after which the girls' glee club rendered "The Risen Lord," followed by another prayer. Dr. Horn then delivered the address of the morning after which the College hymn was sung.

Enrollment figures in the correspondence department for March, 1929, show an increase of 33 over the figures for the same month last year. Seventy-seven students registered for correspondence courses last month.

Not many more months till school is out— That few days to enjoy your cats—Enjoy them while you may.

TECH COFFEE SHOP

1107 College Avenue



"Beauty—A Joy Forever"

Hairdressing modes—for you individually—made to fit you, personally.

Lubbock Beauty Shoppes

1115 Broadway Phone 332 606 Broadway Phone 1774

THE PERIOD

"WHERE WE ALL STOP"

College Avenue

[For Snacks And Lunches]

Stoker And Penny Are Married Sunday

Miss Wauvelce Stoker and Austin Penny, of El Reno, Oklahoma, were married last Sunday morning at the First Presbyterian church in El Reno.

The bride and groom have lived in and near Lubbock since they were children. Mrs. Penny, who is the daughter of Mrs. Hattie Stoker 202 10th street, is a high school graduate of St. Mary's at Amarillo and has been attending Texas Technological college where she is a member of Las Chaparrillas social club.

Mr. Penny, the son of Mr. and Mrs. P. B. Penny 1924 18th street, is a high school graduate of N. M. M. I. at Roswell, N. M. and is an ex-student of Oklahoma A. and M. at Stillwater where he is a member of the Beta Theta Pi fraternity. The couple will make their home in Edmond, Okla.

Officers Elected At Good-Will Party

Last week the Dallas club and the Amarillo club held a joint good-will party at the home of Miss Flora McGee, sponsor of both organizations, at 2308 Seventeenth street. The affair is said to have been such a success that officers of both organizations decided to plan another joint party for the near future. Don Boggs, president of the Dallas club, presided during the formal program, and Barney Brady, Amarillo club president, recorded the minutes of the meeting.

At about 7:30 o'clock the clubs held separate sessions to attend to business. New officers of the Amarillo club were elected, including: president, Wilbur Pittman; vice-president, Sam Lemons; secretary-treasurer, Lola Thompson; reporter, Ruth Leforge. The Dallas club voted to dispense with regular meetings and hold call meetings only.

Dr. and Mrs. J. M. Gordon, Mrs. Chitwood, and Miss Bonnie Dysart, the special guests, were called on to make short talks. The president and vice-president of each club also spoke to the groups. The informal program consisted of a number of games, and refreshments were served before adjournment.

Large Crowds Hear Aviation Lectures

A packed auditorium of students and faculty members heard an address on aviation which was delivered at the Engineering building auditorium at 11 o'clock Thursday morning by Robert Smith, traffic manager of the Texas Airport Transport Flying School of Fort Worth.

Mr. Smith called attention to mechanical developments in the last twenty-five years and intimated big developments for the immediate future in the field of aviation.

Air Route May Come Through Lubbock. He said the T. A. T. contemplated an air route from Amarillo to San Antonio via Plainview, Lubbock and Big Spring.

The following day, Friday, Ike Sewell, public relations director of the company, talked before a group of students in room 302, Ad building. He mentioned possibilities of an air course at Tech, implying that his school would like to offer flying instruction to supplement ground instruction which could be offered by another department.

Two hundred and fifty courses will be offered this summer. A hundred and twenty-five of these will be advanced.

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Nominations Made For Y Officers

Nominations for the offices of the Y. M. C. A. for the school year of 1929-30 were made at the Council meeting of the "Y" on Monday afternoon. The offices to be filled are president, vice-president, secretary, and treasurer. For these offices the following nominations were made: President, Warren Huff; vice-president, James Whitesides; secretary, Don Boggs; treasurer, Guy Blanton.

The nominations will be posted for a week prior to the election, which will be held on Wednesday, April 10. Space for the names of other candidates will be provided on the ballots. All members of the "Y" and persons signifying their desire to join the organization will be permitted to vote.

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For the Tech Woman

Airy evening garments in every pastel shade-garments that have just arrived and which embody the latest style development—gowns that give you the limit in value at very moderate prices. Two especially attractive ranges are priced for \$16.45 and \$27.45.

Accessories also for the occasion—Sheer Chiffron hosiery in evening tints—Lacy brassieres and underthings—all are at your disposal.

For the Tech Man

New Shirts—new studs new collars new ties—in short every item of Tuxedo accessories is available. New designing and styling is apparent in these items without departing from the approved formal "Correct".

Supply Companies Give Equipment For Advertising

Realizing the responsible position that college graduates in Textile Engineering will hold in the Textile world, manufacturers of textile supplies and accessories are very generous in contributing their products to the Textile department for advertising purposes.

Give Measuring Device
One of the most recent donations is a pick counter manufactured by the Root Pick Counter Company. This device is used to measure the amount of cloth woven by a loom and its readings are taken as a basis of wages paid to weavers. Pick counters are installed in some of the largest and most modern mills in the United States.

Another useful contribution is that of the Klipstein & Company through their Southern agent, Paul Haddock, of a hundred pounds of warp slings. Correct treatment before weaving of the lengthwise threads of a cloth is one of the prime essentials of good weaving. This treatment consists of starching the yarn to prevent friction and chafing of the cloth as it is being woven.

Art-Silk Warp Donated
A hundred yard art-silk warp has been donated to the weaving department by the Viscoe Company, and an attractive piece of cloth is expected to be taken from the loom in a short time. Artificial silk is being rapidly developed into a stable market item and indications are that it will equal or even surpass real silk in textile use. This warp is being prepared for weaving by threading it with a reed contributed

by Atlanta Reed and Harnes Company. The cross threads or filling to be used in the manufacture of this art-silk fabric are of colored art-silk supplied by the Carolina Dyeing and Winding Company of Mount Holly, S. C. This yarn was received wound on cones and spools, already dyed. It was wound on bobbins and made ready to use by students in the Textile Department.

Loan Funds

(Continued From Page 1)

to any worthy woman student. Five students have participated in this loan with two loans of \$100 each now outstanding.

The American Association of University Women last year raised \$100 and are planning to secure another \$100 which will provide a rotating fund to be loaned \$100 each year to some girl graduate of the Lubbock high school who wishes to attend Tech or some other approved institution.

The Business Women's Loan Fund amounts to \$200, with most of this now loaned out. It is available to any unmarried girl at five per cent interest. The fund was started the year the school opened and is loaned on the basis of scholarship and character, and upon recommendation of Dean Mary W. Doak. Four students have participated in this fund.

The Engineering Society loan fund is not yet operative, but \$200 has been raised and is now drawing interest. When the amount reaches \$500 it will become available, according to Dean Wm. J. Miller, and it is hoped that it will reach this amount by the opening of the fall term. Members of the society pay \$1 annual dues, part of this being applied to the fund which will be

loaned to engineering students. It is hoped to increase materially the fund this year by getting freshman engineers to sign over their chemistry deposits to the fund.

The Agricultural club loan fund for agricultural students now amounts to \$150. No loans are outstanding but money will become available in the near future. The purpose of the fund is to furnish temporary funds to students who have previously contributed to the fund. It is supervised by Dean A. H. Leidigh and the officers of the society. In order to increase the amount, freshmen are asked to sign over science deposits, sophomores and upper-classmen during 1928-29 are asked to contribute \$2.00 each, and other means will be used. Six per cent is charged and for the present, loans will be limited to \$25 each.

Fish Y Council To Frame Constitution

At a meeting last week in which twenty-five members of the organization were present, the Freshman Y. M. C. A. Council unanimously decided to frame a constitution. A committee consisting of a chairman and as many others as the chairman wished to appoint to help him was chosen. This and is to be the sole judge of all cases arising out of the constitution and by-laws of the club, in that manner combining the duties of floor leader and arbiter. The second steering leader is to take over the steering leader's duties during his absence.

Final steps upon the matter of the new constitution will be taken next Tuesday night, and all members have been requested to attend the meeting, which will be held in the Y. M. C. A. office, room 308.

Orval Burroughs, former Tech student who has been attending West Point, has been in Lubbock for the past week. While at West Point a horse fell on him, injuring his leg. If his leg does not get better so that he can march with his military squad, he will likely remain at Tech and get his B. A. degree this year.

Russian Lectures On Tolstoy's Work

Count Ilya Tolstoy of Russia, eminent writer and son of the famous Russian dramatist and philosopher, lectured to the Tech faculty, students and Lubbock people Saturday evening.

His lecture dealt principally with the life and works of his father, Leo Tolstoy, who is internationally known for his writings and educational experiments. Tolstoy started the first free school in Russia. "The student," he said "must have the right to refuse those forms of education which do not satisfy his instincts. Freedom is the only criterion. We of the older generation do

not and cannot know what is necessary for the younger."

Tolstoy made some very significant statements concerning war. He declared patriotism to be opposed to the teachings of Christ, and that murder was murder, whether wholesale or personal—no matter under whose flag it is committed. He insisted that the only way to end war was not to fight.

Tolstoy brought his lecture to a climax by saying that his father had spent many years in search for the little green stick that brought happiness and success, and that little green stick was love.

Students in the Mechanical Engineering department are in favor of abolishing their "cheve." They have been experimenting for several weeks with their Chevrolet motor or and it has been a continuous

task ever since they started. They say it always does just the opposite from what they expect.

Engineering School Has Seven Branches

The school of engineering is made up of seven distinct branches of engineering, namely: the architects, civils, electrical, geologists, mechanicals, textiles and the chemists. All these divisions work together for the general benefit of the whole school of engineering, reports say.

An example of their cooperation is shown by the fact that no one division tries to control the engineering society, the engineers' organization. The present staff of officers is composed of two T. E.'s, two A. E.'s and one E. E.

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