Tuesday at Museum

The opening of the "Theatre of the Skies", the new Museum planetarium, will enable Tech students and faculty to see various stars and constellations in the sky dramas to be featured.

Stellations will be identified as they appear above the outline of prominent city buildings.

Celestial Triangulation

An instrument for celestial triangulation will be demonstrat-

"Spring Skies Over Texas" will, be shown at 7:30 pm. Tuesday to Museum members and guests. Other reservations must be made by 5 p.m. by calling 5-8541, extension 344.

(The planetarum has been temporarily installed in an adobe storage room to the north and behind the Museum building.)

Staff Trained

Staff Trained

The Museum staff has been training to present this program for many months. Dr. Armand Spits and Herbert Williams of the Spits Laboratories in Philadelphi have assembled information and made special tape recordings of program to assist in the first "Spring Skies" show Future shows for each season will be developed and special Easter and Christmas programs are planned. The weekly public shows will begin April 26, and will be given each Sunday at 2, 3, and 5 p.m.

Tuesday's 45-minute program will open with a twilight silhouette of Lubbock's skyline. Contended the staff of the staff o



Moody Afexander

Moody Alexnder Is Tech Ugly Man

Moody Alexander, arts and sciences junior from Amarillo, was presented as the Ugly Man of the campus on Tuesday night, following the Twilight Dance.

The 10-day contest, sponsored by Alpha Phi Omega, service fraternity made up of fomer Boy Scouts, netted almost \$600. Profits were given to the American Cancer Society.

Tom McPherson, club treasurer, said that Alexander polled \$427.68 in votes. Other contestants were: Dudley Thompson of Waxahachie, \$35.97; Tom Brown of Lubbock, \$35.10; Dale Shedd of Carisbad, N. M., \$29.73; Dr. Horace C. Hartsell of the education department, \$24.33; J. D. Harkey of Mason, \$15.69; Hank Shofner of Lamesa, \$12.77; and Russell Pearson of Carlsbad, N. M., \$2.99, Alexander received a large Toby mug, and Silver Key, sponsoring organization, received a trophy.

Celestial Triongulation
An instrument for celestial triangulation will be demonstrated. Others showing the meridian, the coordinates, and the geocentric earth will be operated. What the heavens look like from any latitude in the northern hemisphere will also be shown.

Student Museum membership is \$1 per year; single active memberships for adults are \$2.50; and faculty or family, \$5 per year.

Final Grades To Be Posted By Order of Deans Council

The Council of Deans has decided that all final course grades must be posted at the end of the fall and spring semesters of each academic

The reason for this innova-tion on a campus-wide basis is the necessity of holding students responsible for know-ing their grades at the time of registration at the begin-ning of the next semester.

The deans' recommenda-tion is that the posting be by number instead of by name.

Summer ROTC Engineer Camp To Be Held in 'Colorful Colorado'

Maj. Richard E. Brown return-ed to Lubbock Saturday night after completing a week-long pre-camp conference at Camp Carson, Colo. Plans were made for the ROTC engineer summer camp to be held there.

Maj. Brown is an engineer in-structor in the Army ROTC here at Tech.

Planetarium To Open Fort Worth Minister, Ford Co. Executive Named Speakers for Graduation Services

Lewis D. Crusoe



Dr. Granville T. Walker

Speakers for the May, 1953, graduation ceremonies have been announced by Dr. E. N. Jones, president.

Dr. Granville T. Walker, baccalaureate speaker, is minister of the University Christian Church of Fort Worth. Lewis D. Crusoe, commencement speaker, is a vice-president and director of Ford Motor Company.

Dr. Walker graduated summa cum laude from T.C.U.

Mr. Crusoe attended the University of Wisconsin Cooperative Forestry School and was associated with the Wisconsin Department of Conservation.

Students at the University of Texalor Burgess will direct the first half of the show. Rosemary Sprague will be in charge of the second part.

The cast includes Rebecca Bentley, Ray Coôk, B. F. Kellum, Pascall Lynch, Robert Kessecker,

In 1946 he was named a mem-ber of the Ford Motor Company executive staff. In October of that year he was elevated to vice-president—finance.

ber of the Ford Motor Company executive staff. In October of that year he was elevated to vice-president—finance.

General Manager

Mr. Crusoe became the first division general manager of the Ford Division of the Ford Motor Company in 1949. He is responsible for design, production, pricing and sale of cars, trucks, parts, and accessories.

He is a member of the National Association of Cost Accountants and a member of the Detroit Athletic Club, the Recess Club, the Detroit Golf Club, and the Bloomfield Open Hunt.

The baccalaureate sermon will be at 8 p.m. May 24. Commencement will be at 8 p.m. May 25 in Jones Stadium. if weather permits

Board of Trustees

Dr. Walker is a member of the Board of Trustees of Texas Christian University. His degrees include a B.A. from T.C.U.; B.D., T.C.U.; B.D., Yale; honorary D.D., T.G.U.; and Ph.D., Yale.

Dr. Walker, graduated, summal as

Forestry School and was associated with the Wisconsin Department of Conservation.

Fisher Body Company

He began working as a shop clerk and within two years advanced to chief plant timekeeper in the Fisher Body Company.

He received a bachelor of commercial science degree from the University of Detroit night school.

For 15 years he worked with the Fisher Body Company and Fisher Body Division of General Motors. During the war, he negotiated war contracts, handled pricing with the government and supervised termination of the contracts.

McCain Receives Danforth Award

Run-off Elections Settle Council Races; Nine Candidates Named Representatives

Representatives chosen from the Division of Arts and Sciences and the number of votes cast are: Moody Alexander, 203; Harriet Henderson, 201; E. J. Tarbox, 196; and Barbara Lu Currie, 189. Other candidates who ran were: Jay Fish, 147; Don Andress, 143; Odis Echols, 126; and Jerry Raun, 110.

Three Propresentatives elected.

Nine Student Council positions were filled by run-off elections held Wednesday. Eighteen candidates from four divisions competed for the posts.

Representatives chosen from the

Vice President Secretary

Max Presto

Sue Duggar

First Instrumental Laboratory in State To Be Opened at Engineering Show

Opening, in the chemical engineering department, of the first instrumental laboratory in the state will be one of the features of the annual Engineering Show to be held April 24-25.

Equipment valued at over \$6, 1000 has been installed this year to enable students to gain first-hand information about instruments which automatically control the operation of many chemical plants.

Processes by which chemicals are prepared will be demonstrated by chemical engineers.

Different chemistry laboratories as well as a chromatography display and a magic show-will be displayed by the American Chemical Society.

A jet racer using dry ice for full will be a feature of the physics of the American Institution of Physics.

Teel's Infantry and Engineer branches of Army ROTC will display army equipment inside and in front of building X10.

The Infantry will exhibit various types of well and the detectors of two types. They will have various types of bridge models.

Drifferent and will be sponsored by the student chapter of the American Institution of Physics.

Teel's Infantry and Engineer branches of Army ROTC will display army equipment inside and in front of building X10.

The Infantry will exhibit various types of weapons.

The engineers will bave both-anti-tank and anti-personnel mines and mine detectors of two types.

Drifferent control of the physics of the American Institution of Physics and the properties of the will will be a feature of the physics of the will be a feature of the physics of the will be a feature of the physics of the will be a feature of the physics of the will be a feature of the physics of the will be a feature of the physics of the will be a feature of the physics of the will be a feature of the physics of the American Institution of the American Instit

sponsored by a local committee, leaded by R. C. Janeway, Tech librarian.

In conjunction with the convention, the first West Texas, adult Education Conference began yesterday. Both groups will be in session through tomorrow. The theme of the library convention is "The Role of the Library in the Community." Several guest speakers, among them the executive secretary of the American Library Association, David Clift, and head of the Adult Education program here at Technor. Per C. Sterisland, have delivered addresses to the convention. A square dance tonight at O. L. Slaton Junior High School will honor librarians attending the convention.

Tech Markswomen Defeat Tarleton, Lose to Arlington

Women of the Tech Rifle Club completed a week-end tour Sun-day with an even record. They competed in two matches and

competed in two matches and won one.

The team beat Tarleton Saturday morning by a score of 471 to 461. The Techsans were defeated by the Arlington team, 484 to 467, Saturday afternoon.

Members of the team making the trip were: Beth Barnes, Mary Christian, Carol Crouch, Wanda Williams, Polly Johnson, and Adele McLure. They were sponsored by Sgt. and Mrs. R. L. Riley. Transportation was furnished by the two assistant coaches, Charles Burford and James R. McKenzie.

"We were well received at both schools and want to report that we had a grand time," commented Sgt. Riley. "I would like to see more girls join the club," he continued. "The membership fee is \$1, to be used for club benefits."

Next Week Busy For English Profs

Next weekend will be busy for members of the English depart-

memors of the English department.

Dr. T. W. Camp, head of the department, and Dr. R. E. Male, Jr., will attend the Annual College Conference of Teachers of English in Austin on Friday and Saturday. Dr. Camp will be on-a panel discussing "The English Major in Texas Colleges and Universities."

Major in Texas Colleges and Universities."

Dr. and Mrs. A. L. Strout will go to Wichita, Kan., for a meeting of the College Teachers of English of Kansas the same weekend. At this meeting, Dr. Strout will read a paper entitled "Freshman Flights at Texas Tech," describing English 133-4. He will also read several themes written by Tech Ireshmen.

Members of the department who temain on campus next weekend will be in charge of ready-writin and declamation contests at the regional Texas Interscholastic League meet to be held here.

Lubbock Bankers Group To Hear Tech Music Department Program

Tech's music department wil provide the program for the Lub-bock Bankers Association at 6:30 p.m. Monday at the Caprock Ho-tel.

tel.

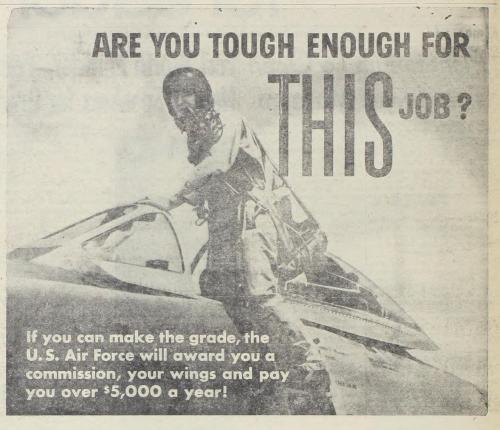
A clarinet quartet, a trombone trio and vocal solos by Nancy Davis, Lubbock music major, and Ira Schartz, Tech voice instructor, will be included.

United States Secretary of Agriculture, Ezra Taft Benson, will speak on June 28 in Jones Stadium, climaxing the four-day meeting, of the American Cotton Congress to be held here.

Dr. Everett A. Gillis, associate professor of English, discussed states committee of the Young Republicans will be held tomorrow afternoon at 2 o'clock in the gress to be held here.

A meeting of the state headquarters committee of the Young Republicans will be held tomorrow afternoon at 2 o'clock in the Plainsman Hotel.

Henry Elder, 1935 graduate with a degree in animal husbandry, was a visitor on the campus afternoon at 2 o'clock in the Plainsman Hotel.



CAN YOU "take it" 6 days a week? For 52 weeks? Can you meet the high standards required to be an Aviation Cadet? If you can—then here's a man-size opportunity! An opportunity to serve your country and build a personal career that will fit you for responsible positions both in military and commercial aviation.

It won't be easy! Training discipline for Aviation Cadets is rigid. You'll work hard, study hard, play hard-especially for the first few weeks. But when it's over, you'll be a pro-with a career ahead of you that will take you as far as you want to go. You graduate as a 2nd Lieutenant in the Air Force, with pay of \$5,300.00 a year. And this is only the beginningyour opportunities for advancement are unlimited.

ARE YOU ELIGIBLE?

To qualify as an Aviation Cadet, you must have completed at least two years of college. This is a minimum requirement-it's best if you stay in school and graduate. In addition, you must be between 19 and 261/2 years, unmarried, and in good physical condition.

YOU CAN CHOOSE BETWEEN PILOT OR AIRCRAFT OBSERVER

If you choose to be an Aircraft Observer, your training will be in Navigation, Bombardment, Radar Operation or Aircraft Performance Engineering.

New Aviation Cadet Training Classes Begin Every Few Weeks! HERE'S WHAT TO DO:

- 1. Take a transcript of your college credits and a copy of your birth certificate to your nearest Air Force Base or Recruiting Station. Fill out the application they give you.
- 2. If application is accepted, the Air Force will arrange for you to take a physical examination.
- 3. Next, you will be given a written and manual aptitude test.
- 4. If you pass your physical and other tests, you will be scheduled for an Aviation Cadet Training Class. The Selective Service Act allows you a four-month deferment while waiting class assignment.

Where to get more details: Visit your nearest Air Force Base or Air Force Recruiting Officer. OR WRITE TO: AVIATION CADET HEADQUARTERS, U. S. AIR FORCE, WASHINGTON 25, D. C.



Friday, April

Kemas S Burl Hub

Setting of t festival dance romantic desert Pacific Ocean,

Costumed dashipwrecked sai will dance unde light. The danc sent a beach swaying palm flowers.

Rainer C Society F

HEY, SOME YOU

SOCIETY

Kemas Spring Festival Dance Tonight; Burl Hubbard's Orchestra Will Play

Setting of the Kemas spring Ama Lee Turner; Reg Beene, Car festival dance tonight will be a L. Ballard, Doris Ellis; Van Baucum, romantic desert isle in the far-off Pacific Ocean

The dance will be held from 8 to 11 p.m. in the ballroom of the Student Union Building. Burl Hubbard and his orchestra will furnish music.

Costumed dancers, dressed as shipwrecked sailors and seafarers, will dance under artificial moonlight. The dance floor will represent a beach surrounded by swaying palm trees and tropical flowers.

Officer. , D. C.

Gienn Rainer was elected president of Phi Eta Sigma, honorary, scholastic society for freshman men, Tuesday.

Other officers elected were. Douglas Degge, vice president.

Nominees for vice president are patsy Wiltshire, Sue Duggan and Martha Blankenship. Lois Clear the Caprock Hotel Friday, Agril 24, at 7 p.m. Dr. D. M. Wiggins will be speaker.

The men will take office automatically says Don Funk, historian and reporter. No installation service will be held.

Sam. to 3 p.m. April 28 and 29, according to Nancy Crosby, club president.

Nominees for vice president are patsy Wiltshire, Sue Duggan and Martha Blankenship. Lois Clear the Caprock Hotel Friday, Agril 24, at 7 p.m. Dr. D. M. Wiggins will be speaker.

The men will take office automatically says Don Funk, historian and reporter. No installation service will be held.

Adelphi Schedules Capa y Espada Basin Street Ball

Basin Street Ball

A New Orleans theme will be carried out in decorations for year's president of Capa y Esadelphi's second annual Basin pada, Spanish organization.

Street sport dance set for Saturday night in the Caprock Hotel ballroom.

Music will be furnished by Burl Hubbard and his orchestra.

light. The dance floor will represent a beach surrounded by Swaying palm trees and tropical flowers.

Members and dates are floorer Jameson, Oloris Snell: Max von Reeder, Ann von Reeder, Jameson, Oloris Snell: Max von Reeder, Ann von Reeder, Jameson, Oloris Snell: Max von Reeder, Ann von Reeder, Jameson, Oloris Snell: Max von Reeder, Ann von Reeder, Jameson, Oloris Snell: Max von Reeder, Ann von Reeder, Jameson, Oloris Snell: Max von Reeder, Ann von Reeder, James Hicks; Charles Holomoter, Pat Busby: Lloyd Leasure, Kay Crider, Dave Larson, Wanda Storman, Read Max von Reeder, Pat Busby: Lloyd Leasure, Kay Crider, Dave Larson, Wanda Storman, Read Max von Reeder, Pat Busby: Lloyd Leasure, Kay Crider, Dave Larson, Wanda Storman, Read Max von Reeder, Pat Busby: Lloyd Leasure, Kay Crider, Dave Larson, Wanda Storman, Read Reeder, Pat Busby: Lloyd Leasure, Kay Crider, Dave Larson, Wanda Storman, Read Reeder, Pat Busby: Lloyd Leasure, Kay Crider, Dave Larson, Wanda Storman, Read Reeder, Pat Busby: Lloyd Leasure, Kay Crider, Dave Larson, Wanda Storman, Read Reeder, Pat Busby: Lloyd Leasure, Kay Crider, Dave Larson, Wanda Storman, Read Reeder, Pat Busby: Lloyd Leasure, Kay Crider, Dave Larson, Wanda Annese Turrous, Path Storman, Read Reeder, Path Walter, Rolland Reeder, Reeder, Rolland Reeder, Reeder

Elects Officers.

Keys To Honor Sponsor and Wife

Prof. and Mrs. John Harding will be honored guests at a Silver Key breakfast at 7:30 Sunday morning in the Skyline Room at the airport.

Other officers for 1952-53 are; the airport.
Jordal Fortenberry, vice president; Laura Starnes, secretary;
Bill Glover, treasurer; and Jimmy
Clark, reporter.

Iris Brunson, 1953 president, says that the organization will have a banquet at 7 p.m. May 7 at the Ming Tree. Tickets may be obtained from Miss Brunson and Juanita Casas for \$2.





Reason and Sense . . .

A letter to the editor appeared in last week's Toreador DEAR EDITOR: concerning Tech's correspondence courses. The writer, Donald Fortenberry of Doak Hall, pointed out that application forms for such courses state: "The law restricts our correspondence service to the white race."

reason and sense" of such a statement

President Jones contacted the paper to offer the reason: the legislative act establishing Tech, which states "There shall be established in the state a college for white students." The statute is apparently interpreted to include all divisions and services of the college

Concerning the sense of the matter, we can only agree with the writer that "in discussion of the topic, practically everything has been said—pro and con—that can be said. Further discussion will be only repetition."

Under the Breezeway

by shirley Johnson, toreador editor

While the elections are still an effective campaign. Each year fresh in everyone's mind, we would like to go on record as favoring a slight revision or addition to election rules: the setting of a limit on expenditures for campus campaigns.

It is not that we advocate a lessoning of in the second of the secon



Our suggestion is that a limit be set, such as \$25 to \$30. No other stipulations would be neces-sary; candidates could spend this money as they saw fit, whether for posters, handbills, cards, signs, or whatever.

About four or five days after petitions would be turned in, each candidate could present to the elections committee of the Student Council an itemized report of all expenditures with a receipt for each item.

With a reasonable amount of research by the committee, this total could be checked for accuracy, If a candidate had spent more than the limit, a graduated scale of penalties could be enforced. The maximum penalty might be disqualification from the election.

The limit set should be realistic enough to allow students to plan

toreador

THE TOREADOW, student newspaper of Texas Technological College is published every Tuesday and Friday on the campus at Lubbock by the associated students of the College.

EDITORIAL OFFICES:
Journalism building.
Rooms 103, 105
TELEPHONE: 5-8541
Editor: extension 424
Business Manager: extension 423
Night Editor: 5-8548

SHIRLEY JOHNSON Editor
Ann Bryan Assoc. Editor
Ralph Shelton Assoc. Editor Bob Lovelace Sports Ed.
ADRIAN COMBS BUS. MGR.
Charles Maple Asst. Bus. Mgr.

set this limit.

Each candidate would be responsible for his own publicity. That is, no one else could spend money for campaigning without having it included in the itemized list submitted for approval. Thus a candidate could not spend \$25 and have six of his friends spend the same amount; the total from all would have to be within the limit.

Problems would arise, but they

The national political parties have operated under a campaign expenditure limit for some years; however, this law only requires that the major committee cannot spend more than this limit. Subcommittees have no limit. Tech could take advantage of the weaknesses shown in the national law, and set up a workable, intelligent ruling, with penalties clearly stated.

BACKTALK

effort in solving the problem or answering the questions.

ion on this matter, I remain

Sincerely Yours, BOB G. CROCKER

DEAR MR. CROCKER:

We welcome the opportunity to answer a writer who "does not see the complete picture." Our files of last year's papers indicate that the editors then followed the policy which has become standard

when an answer is deemed eccessary, the ednors make every flort to get it. May we refer ou to the letters. letters deserve the time necessary for the editors to compose a reply or for the students to read that

When an answer is deemed necessary, the educes make every effort to get it. May we refer you to the letter in last Vriday's issue concerning Tech correspondence courses, which are restricted to students of the white race. The to students of the white race. The writer raised a question of the weakesses shown in the national law, and set up a workable, intelligent uling, with penalties clearly tated.

This is our opinion. What do on think?



TECHnicalities

by Ralph Shelton, Toreador Associate Editor

bias clauses in the constitutions of national social fraternities.

Reports from other institutions tell of efforts of administrations and student governments to force fraternities to eliminate such restrictions—or be expelled from their campuses. Rutgers University, moreover, recently instituted a drive to help and encourage Greek-letter organizations all over the nation in ridding themselves of bias clauses, be it understood, are the constitutional passages which place restrictions on the acceptance of certain types of persons. Negroes and Jews are most frequently the subjects of such regulations.)

We decline to argue the right

the editors then followed the policy which has become standard with The Toreador: that of answering letters only when the editorial reply may contribute something to the consideration of the question. You are inaccurate in stating that letters last were always answered.

All letters-to-the-editor are read, Mr. Crocker. Not all such letters deserve the time necessary who hunt witches in other seafons.

Will such action really cure the illness? Fraternities which do not want Negroes in their chapters can still reject them, since the organizations are not obligated to accept any individual that they do not want.

In short, will abolition of bias clauses put an end to discrimina-tion or will it merely force it underground? Is hypocrisy more desirable than honest, avowed re-strictions?

We believe that education is sounder than legislation in such cases.

Twenty-five per cent approved; 65 per cent disapproved; seven per cent had no opinion; and three per cent had other opinions—which the ACP did not elaborate.

Department of Non-Conformity: (From the student newspape the University of Detroit)

"The singer began her operatic career in Detroit where she was born at the age of seven under the direction of an aunt who had sung successfully in Italy and France."

(From the Skyline, Sul Ross College)



Friday, April 17, 195 JABY MAINTAINS F Redecorated

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Odessa Musici Will Be Featu On Music Ho

17, 1953

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BABY MAINTAINS REGULAR SCHEDULE

Redecorated Campus Home To Greet Home Economics Visitors to Annual HE Open House

ed out for the entire building.

Three walls in the living room have been painted, sea island coral, and a darker color, woodland rose, has been put on the fourth. The dining room has three walls painted a bluish green and the other a darker tone of the same color. The director's living room is painted spray green and the upstairs has has three walls of canary yellow and a fourth of sea island coral. Woodwork throughout the house has been painted to match the walls.

Odessa Musicians Will Be Featured On Music Hour

Three musicians from Odessa will be featured in the out-of-town guest series on the Twilight Music Hour at 4 p.m. Sunday in the Auditorium of the Museum.

Mrs. Leland B. Croft, violinist, and Mr. and Mrs. LaMarr Chapman, pianist and vocalist respectively, will present a program of classical selections by Brahms, Rachmaninoff, Debussy, Dvorak and other contemporary composers.

Mrs. Croft has just completed a theory test for young violin stu-dents, She is at present concert master of the Odessa Symphony.

Mr. Chapman is past winner of the G. B. Dealey award, Texas Federation of Music Clubs com-petition, both in piano and com-position. He was soloist with the Odessa Symphony during the 1952

Odessa Symphony during the 1952 season.

Mrs. Chapman (Ethelston Province) was former head of the music department at East Texas Baptist College. She will feature her husband's composition, "Los Soledades," portraying five phases of love: Dedication, Lower Song, Dreams, Questions, and Final Answer.

The Allegro Music Club of Lubbock co-sponsors the program with the Museum.

WORKSHOP ANNOUNCED

A workshop in painting, urder Prof. Wilfredo Du Solier of the Instituto Technologico de Monterry and Roderick Parkinson of the architecture and allied arts department, will be offered at Monterry Tech in Monterry, Mexico, July 11-August 22. The workshop is part of the Pan-American good-will program.

Speakers Talk on Bull Is Purchased By Ag Department

Newest addition to the cattle herd at Tech is the \$450 Hereford bull purchased by the animal husbandry department at the recent bull sale at PanTech larm, near Amarillo.

The bull calved Jan. 19, 1952, was sired by B. D. Clyde Triumph, III, owned by Brown and Davis breeders of Throckmorton.

The Hereford ranked near the top in type classification and was also one of the good game bulls in the PanTech tests, according to R. C. Mowery, head of the animal husbandry department. It was one of 141 bulls which were in beef cattle improvement investigation tests at PanTech.

Engineers Ball Set For Saturday Night

BOOTS

SADDLES

NOVELTIES

WESTERN CLOTHING

Woodfin's Boot & Shoe Shop

1209 College Ave.

1110 Ave. J

Phone 3-4812

LUBBOCK, TEXAS



Tech's Library Reserve Room Now Equipped With Comfortable Furniture

has had a complete new "face-

In place of the old shelves, hightopped tables, and uncomfortable chairs are 18 large, modern loungting chairs, 15 study chairs, 6 round tables, 16 oblong study tables, and 10 shelves occupying both sides of the room. In addition, the room has been painted a shade of aqua minilar to that of the Library lobby.

As an added attraction, the recreational reading material (numerous novels, 10 current issues of newspapers, and 23 current issues of magazines) has been moved into the southeast section of the room, furnished with circular tables and comfortable chairs to acommodate visitors. Mrs. Elizabeth Young, reserve and reading room librarian, says that there are students occupying the lounging chairs at practically all times.

The reserve room chairs, equipped with arms, are covered with chartreuse, blue, and dark red topgrain leather. All of the tables have a blond finish.

Sick List

Tech students in the infirmary this week are: Virginia M. Fur-bee, Lubbock; D. Duane Fincher, Gordon Hall; Don L. Childress Lubbock.

MONTAG'S

FINE

STATIONERY

Full Selection

of \$1.00 boxes

All

NEW SPRING

COLORS

Full Kingsley Monogramming Service (one day)

> VOID TORE 1305 College Phone 2-1201

The reserve room of the Library Rand Library Division to display as had a complete new "facetting."

Rand Library Division to display the room during the annual Texas Library Association meeting being held here April 15-18.

Furniture was purchased from and installed by the Remington-Rand Library Division.

Job Interviews For Graduates To Be Wednesday

Job interviews by Chicago Bridge and Iron Company will be held all day Wednesday for 1953 graduates with civil, electrical, industrial, or mechanical engineering majors, the placement office amounces.

The company's Houston branch does steel plate welded construction work throughout the United States and in many foreign countries. It has the following departments: design, research, drafting, fabricating shops, construction offices, field construction work, and others.

Frequently the company uses juniors for summer work.

Men should schedule appointments at the Placement Office.

Tech Dean Meets European Study

Steers Used In Grazing Tests

With Dairy Group

W. L. Stangel, dean of the Divance is is of Agriculture, attended a breakfast for the ex-presidents of the Panhandle-Plains Dairy Association in Plainive Wedinesday. Eight of the association's ex-presidents were present for the 26th annual Panhandle - Plains Dairy Show.

Plans are being made for students of the Panhandle-Plains Dairy Association in Plainive Wedinesday. New York Travel, 179 Broadway, New York Trav

THE DU PONT

A GROWING FIELD-

nstrumentation

Modern manufacturing trends at Du Pont bring ever-increasing opportunities for technical men

Do you think of instrumentation as applying only to work in electricity and electronics?

and electronics?

Or would you also include prob-lems in chemical processing, mate-rials of construction and materials handling, as well as application of equipment — both mechanical and hydraulic—for measurement and control systems?

control systems?

At Du Pont, instrumentation is applied to widely diverse areas of manufacturing operations. It calls for many different technical backgrounds. In a typical instrument group there may be men whose formal training has been in mechanical, chemical, electrical or metallurgical engineering, or in physics, etc.

Instrumentation is becoming more Instrumentation is becoming more and more important in the chemical industry. In fact, many of today's processes and products would not be possible without modern measurement and control systems. The trend toward continuous processes means challenging and constantly increasing opportunities for instrumentation men.

Du Pont's instrument program in-cludes research, development, design, and supervising installation of proc-ess control equipment. Some of the work is done in the central Engineer-ing Department at Wilmington. However, most of the major plants across the country now have their own organized instrument groups.



Richard G. Jackson, B.S. in Ch.E., Columbia '42, and Gregory L. Laserson, Ph.D. in M. Columbia '49, test an infrared gas analy.



Paul D. Kohl (left), B.S. in M.E., Purdue '46 checks the assembly of an experimental control

So you may visualize the scope and diversity of the work, here are examples of instrumentation recently developed and designed by Du Pont technical men:

1. A device to measure flow of approximately 30,000 lbs. per hour of gas at more than 10,000 p.s.i. To give 1.2% accuracy and be responsive to flow-changes of five cycles per second.

3. An automatic control system to maintain a predetermined pressure-temperature relation in a large-batch autoclave during spontaneous reaction between two chemicals.

Thus it can be seen that Du Pont instrumentation is limited to no single avenue of engineering. Men with an aptitude for the work get experience in many phases of the Company's technical activities—and an excellent background for positions in management and administration.

ASK FOR "Chemical Engineers at Du Pont." New illustrated booklet de



BETTER THINGS FOR BETTER LIVING

Watch "Cavalcade of America" on Television

'Mural Softb Races Unde

Friday, April 17, 1

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Golf, Net Teams

Raider golf and tennis teams

Raider golf and tennis teams have recently added the services of two new players, G. W. Warden of Levelland and Pete Edwards of Vernon.

Warden is the new addition to the golf team. Classified as Trech's No. 1 golfer by Tech's Athletic Director, Bill Holmes, Warden was a standout last year on the Raider golf team. He has not seen service this season due to a work schedule that conflicted with previous matches.

Pete Edwards, football quarterback, joined the Raider tennis team as No. 4 singles player. He fills a vacancy created when Richard Clarke, No. 2 performer from Odessa, decided to forego

Edwards won his match as the Raiders downed Texas Western 6-0 in El Paso last week—the sec-ond time a Tech tennis team has beaten the Miners.

'MURAL GOLF

Match play in intramural golf will get under way Monday at Meadowbrook Country Club. Those participating will be work-ing towards the all-college cham-pionship.

Have Additions

Rai er Swimmers Engage Ne Mexico Military Today

New Mexico Military Institute in a return match at 2 p.m. this after-mon at the Lubbock Boys Club.

a return match at 2 p.m. this aftermoon at the Lubbock Boys Club.

The Raider it men, boasting a
4 won, 0 thone look record, blasted NMMI, 61 - , in their first
meeting at Ro. If on April 11.
In chalking up the win, the Tech
crew grabbed II. , place in everyevent. Bob Kain and Brooks Akin
each with two first places, were
the principal cogs in the Raider
attack.

The Raiders smashed the Odessa High School Bronchos, 48-26,
on Feb. 16 to take their first win
of the season. Seven first places
and a victory in the medley relay
accounted for the most of the
Raider tallies.

The Tech crew again downed
Odessa on March 28, crushed the
Bronchos, 48-23, and setting five
mew records.

Bob. Shackelford, stacking up 13
mounts, led the Raiders to their

Bob-Shackelford, stacking up 13 points, led the Raiders to their third victory, a 56-28 triumph over the Baylor Bears in a telegraphic meet.

'Mural Softball Races Undecided

With the season about half over, With the season about half over, only the Aggie league has an undisputed leader in intramural Softball. DM led the Aggie Loop at the end of their first round with a 4-0 record. Three teams are tied for first in the MICC circuit. Keys, Wranglers, and Los Camsare sporting 3-0 records.

The Rebels the Independ marks. This MICC, has re way mark y are leading on with 3-0 along with

enni ordon Hall teed East bak Hall edsoe Hall teed West dependent Bums

Yellow Cab

"The Thinking Fellow Calls
A Yellow"

5-7777



HARD WORK AHEAD-Don Covey, bryan Close, Jim Farrell, and Jerry Fairley, in a familiar pose sprinting around the track at the old stadium.

Gets High Honor "The Comanches, Lords of the South Plains," by Dr. Ernest Wallace, was recently selected as the most distinguished book published in 1952. The book was judged by the Southwestern Library Conference, which met in Memphis, Tenn. A story of the book and the

Action is moving along slower than usual in the four leagues this year. Two leagues, Aggie and Dorm, are playing a double round robin, and have just started the second round.

Sneed East and Gordon Hall were tied for first in the Dorm League with 3-0 records at the end of the first round. The two teams had played each other one time with the contest ending in a scoreless fie. No playoff game has been scheduled to break the deadlock.

The Bobels and Solve the solve the surface which met in Memphals. Tenn. A story of the book and the author appeared in the April eduction of The Library Journal.

Dr. Wallace, professor of his tory and assistant dean of Arts and Sciences, has written one other book. "Charles De Morse."

Final Presh & Soph (Dorm League Dorm League Dorm League Dorm League April 20 Bledsoe vs. Sneed East Doak vs. Sneed West Aggie League, April 20 FFA vs. DM

Dr. Wallace Book MURAL SOFTBALL SCHEDULE

Los Cams 4, Kemas 3 Wranglers 5, College Club 3 Adelphi 15, Centaur 5 Keys 20, Socii 6

FFA 1, Fresh & Soph 0

Gordon 8, Sneed-West 3

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3. Use it daily and peeple will love you." Paul got Wildroot Cream-Oil for himself and a diamond wing for his tweetie-pie. Better buy a bottle or tube today. Or ask for it at your barber's. If you don't you're cookoo!

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Textiles Laboratory To Be Featured In Home Ec Open House, April 24, 25

Some of the testing machines will be in operation during the Open House, showing how students check fabrics for color fastness to sunlight and water. The fadometer and launderometer are the machines used to test these qualities.

Connected to the large laboratory is a small room containing sort tory is a small room containing to some control of the control of the

A doll wearing a "permanently" pleated skirt of a "miracle" fiber is part of one of the exhibits. She is dunked into a pan of water to check the permanency of the

The fadometer, sink and cabinets, and launderometer stand against the end wall. A Scott tensile strength tester rests against the number of pounds necessary to tear a fabric.

The rest of this wall is lined with cabinets containing students supply lockers. Above these cab-inets there is a display of natural and man-made fibers contained in numerous glass jars.

Display Cases

Storage space and display cases cover the opposite wall. The stor-

Engineers Make Trips

Two departments of the Engi-neering Division have been repre-sented recently or will be soon at

Chemical engineers won this prize at a technical paper conte at the Southwest Regional Meeting of student chapters of the American Institute of Chemic Engineers at Rice Institute a Saturday, with a paper entitle "Solvent Extraction of Cuttor seed Oil from Pressed Cake".

seed off from Pressed Cake".

Eighteen students and two faculty members of the mechanical
engineering department left Tech
Sunday for New Orleans for a regional meeting of the American
Society of Hechanical Engineers.
Student speakers compete for prizes given for the best talk at the convention. The group will tour several industrial plants in the Houston area.

scale model us well as several servicing units from area contractors outside of the buildings.

Civil Engineers will display a model of the type of turbine used at Boulder dam. The model turbine transforms water power into electricity which in turn will operate a rock crusher and a seperator. Also displayed will be specimans of water from Burialo Lakes containing algae and other organisms. Another feature of this department will be a model of an earth dam.

Geologists will have displays of mineralogy, petrology, historical geology, structural and aerial photos, stratigraphy, and meteor-ology on exhibit. Oil and gas reser-voirs, a steam table, and a geyser will also be displayed.

housed here.

Permeemeter
The permeemeter, an expensive machine, rests on a table. This is used to test the porosity of a tabric. By measuring how much air passes through the tiny openings in a yarn, one can tell how warm or cool a material will be. Another apparatus is the microprojector, used to magnify glass slides containing sections of tihers and project them on a screen for the benefit of the entire class. The "Control Room" adjoins this part of the laboratory, This is a small, windowless room in which the humidity and temperature can be kept at the standard

A modern, fully equipped textiles laboratory is one of the features of the Home Economics Open House scheduled for April 24 and 25.

New "miracle" fibers and fabrics such as dynel, orlan, nylon, dacron and vicara will be on display. These exhibits will explain something about their wearability and performance to expect.

Some of the testing machines

age drawers are filled with fibers, tabrics, yarns and reading material used in Textiles 231. This is a course required of all home economics majors. Courses in textile merchandising, textile appreciation, textile economics and advance, one of the few in the machines are also taught in this laboratory.

Miss Mabel'D. Erwin, head of clothing and textiles, Mrs. Edna Buster, associate professor, and Miss Ellen Wright, assistant professor, teach these courses.

Connected to the large labora-

Chemistry Profs To Attend Meeting

To Attend Meeting

Dr. Joe Dennis and Dr. W. M. Craig of the chemistry department will attend a meeting of the Southwest Division of the American Association for the Advancement of Science April 27-30, in Tempe, Ariz.

Dr. Dennis will read a paper on identification of organic compounds by means of refraction and density which he did with Herbert Stokes, Dr. Craig, in collaboration with Preston F. Gott, assistant professor of physics, has prepared a paper on spectrographic analysis to be delivered at the meeting.

The AAAS is the largest scientific body of its kind in the world, having some 45,000 members in the United States. Its convention was held at Tech in 1934 and 1940. Plans are to invite the organization here again in 1954.

SCHOLARSHIPS RENEWED

Standard Oil Company of Texas has renewed its scholar-ship for the academic year 1953-54.

The \$500 scholarship is open to senior engineers in any department of Engineer-ing.

RECORDS

Wayne's Record Rack

"Across from the Campus" 2421-A Bdwy

Students' Recita To Be Wednesday

Fourteen Techsans will app in a student recital at 4 p.m. W nesday in Music Building Rec Hall.

II.
The program includes:
March in D Major B h
Dana Wampler, piano
Recitative and Aria: "I h
vieni, non tardar" Moz t
Anne Spikes, soprano
In questa tomba oscura
Beetho a
Thomas Brown, barito
Come, Sweet Morning
Old French c
Carolyn Taylor, sopran
The Little Shepherd Debu y
Joyce Miller, piano
Malaguena Albe z
Lorraine Fipkin, piano

Joyce Miller, piano
Malaguena Albe z
Lorraine Pipkin, piano
Old Black Joe Arr. Holr's
Chuck Wilson and Jar's
Bradford, trombonists
Concerto in e minor
Mendelsson
Chuck Wilson, tromboi
Joyce Carthel, piano
Etude, Op. 10, No. 12 in a
minor
Cho n
Bill Rogan, piano
Madrigal
Jimmie Bennett, Ellene
Portwood and Elmer S
vens, clarinetists

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