

ENGINEERS, HE'S OPEN TWO-DAY SHOW

★ ★ ★ ★ ★ ★



ELECTRICAL EXHIBIT—Putting the finishing touches on an electrical exhibit sponsored by the electrical engineering department are Glen Berry, left, and Varyl Brunton. Machine at left is a radio compass. On the table at right are various types and sizes of transmitting and cathode ray tubes.

Open House Shows New HE Building

Students and faculty of Tech's Home Economics division will be hostesses Friday and Saturday at the fifteenth annual Open House. Hours for the event will be from 10 a. m. to 10 p. m. Friday and from 9 a. m. to 5 p. m. Saturday.

Primary purpose of the annual show is to acquaint area high school graduates with the program in home economics now being offered, Jane Foster, chairman of the Open House Committee, said.

Show Case Exhibits

Featured in this year's Open House will be the new Home Economics building itself. Exhibits will be limited to the show cases belonging to each of the division's six departments so that

See **OPEN HOUSE**, Page 2

Exhibits Depicting All Phases Of Engineering To Be Shown

Tech engineers are ready to come forth with another annual Engineer's show starting Friday at 2 p. m. and continuing until 10 p. m. Saturday.

The various exhibits will be sponsored by the engineering departments. Exhibits will be judged by five Lubbock business men. The best exhibit will receive a plaque and \$50 prize money. Second place gets \$25. Prize money was donated by Lubbock business firms and the Tech Engineering society.

Industrial engineering department will exhibit a plant design display drawings and

mechanical flow charts. It will show motion and time exhibits, and tool and drawing design. Members of the department will pass out pictures of the West Engineering building as a demonstration of the ozoid machine. Ted Brooks is manager of the IE display.

Textile engineering department See **ENGINEERING**, Page 8

Tech Board of Directors To Meet Here Saturday

Texas Technological college board of directors will meet at 9:30 a. m. Saturday in the office of President D. M. Wiggins.

The Toreador was unable to obtain details of the meeting.

Karnes, Ramsey Are Victors For Cheerleader, Secretary

Peggy Karnes, junior BA student from Lubbock, was elected head girl cheerleader and Wanda Ramsey, home economics junior from Plainview, was named Student council secretary in Wednesday run-off voting.

A second run-off election will be held Wednesday to fill one BA representative post. Pete Morris, Lovelland junior, and J. C. Chambers, Lubbock sophomore, tied with 125 votes each. Polls will be open from 8 a. m. to 5 p. m. in the Administration building.

Karnes Wins

Miss Karnes, who was opposed by Le Nell Enoch, Clinton sophomore, received 818 of the total 1,321 votes cast. Miss Ramsey was opposed by Patti Pipkin, Matador sophomore.

Elected from the division of arts and sciences were Liz McCain, Plainview junior; Sammy Dunn, Lubbock junior; James Dent, Plainview senior, and Phil Thompson, Plainview junior. Defeated in the run-off were Bill Philpott, Pat Abernethy, Max Preston, Don Hancock and Mooty Alexander.

Charlie Orren, Fort Worth senior, was named to the other BA position. Also competing in the run-off was Betty Mills.

Aggie Representatives

Jimmy Nickell, Claude sophomore, and Richard Johnson, Old Glory junior, were elected agriculture representatives. Defeated were Robert Jacobson and Bootz Gordon.

Nancy Crosby, Lubbock junior, defeated Lena Schmidt for the Home Economics post.

Previously elected were Harold Brannan, Dimmitt junior, Student

council president; Jim McGraw, Midland junior, vice-president; Benny Bruckner, Amarillo senior, business manager, and Don Andress, Brownfield sophomore, head boy cheerleader.

Run Unopposed

Brannan and McGraw were unopposed. Bruckner defeated Hardy Clemons and Andress defeated Hayes Tucker.

Councilmen chosen in the first balloting were Buddy Barron, business administration; Brian Boyett, agriculture; Juanita Davis, home economics; and Joe Hastings, Bill Burton and Emmett Adair, engineering.

Thirty percent of the student body voted in the run-off, compared to 28 percent in last year's run-off. It was a drop of 19 percent from the 49 percent voting in this year's first election.

Education Fraternity To Be Installed At Charter Banquet Saturday Night

Kappa Phi Kappa, national honorary education fraternity, will have its charter dinner for Tech Saturday from 6 to 8 p. m. in the Yaqui room of the Hilton hotel.

Officers for the club are, Bert Goodyear, president, Joe Payne, vice-president, and Bill Escobar, secretary.

Horace Hartsell, assistant professor of education, will sponsor the Beta XI, Tech's chapter of Kappa Phi Kappa. Present to install the fraternity will be Dean E. J. Ashbaugh, president of the organization from Miami university, Oxford, Ohio; Frank A. Peak, executive secretary from Birmingham, Ala.; and Dr. C. L. Wiseman, a counselor from S. MU.

Charter Members

The chapter will have 31 charter members who are student and faculty members at Tech. Charter members are Leroy Booth, Lubbock; D. E. Bumpass, Lubbock; Dr. J. S. Carroll, head of the education department; G. W. Childers, Lubbock; W. P. Clement, registrar; Dr. L. B. Cooper, associate professor of education; Dr. R. L. Davidson, associate professor of education.

K. W. Davis, Lubbock; T. E. Edwards, instructor in education; Bill Escobar, Benjamin; O. W. Forsythe, Lynwood, Calif.; J. R.

Approximately 1,200 high school students from the Panhandle, South Plains and Pecos Valley areas will congregate at Tech this weekend for the annual Region One Interscholastic League meet.

For time and place of each event, please see page 6.

Ninty schools will be represented from the 17 districts in classes AA, A and B, announces Dr. P. Merville Larson, speech department head and director-general for the meet.

Contests Scheduled

Contests will be held in the fields of debate, directed by S. M. Kennedy, assistant professor of government; declamation, directed by W. R. Jackson, instructor

in speech; extemporaneous speech, directed by Miss Anna Joe Pendleton, professor of speech; ready writers, directed by Miss Gussie Teague, associate professor of English; journalism, directed by J. R. Heitman, journalism department head; typewriting, directed by H. J. Cameron, Jr., assistant professor of business education and secretarial administration; shorthand, directed by Miss Nelda Snow, instructor in business education and secretarial administration;

Number sense, directed by Dr. R. S. Underwood, professor of mathematics; slide rule, directed by Horace Woodward, assistant professor of mathematics; one-act play, directed by Miss Cecilia Thompson, assistant professor of speech; track and field events, directed by George Scott, track coach; golf, directed by Wade Walker, golf coach, and tennis, directed by R. R. Male, assistant professor of English and tennis coach.

State Meet Set May 1 to 3

Judges for the various events will be faculty members, local Lubbock citizens, and some out-of-town judges from the competing schools. Schools winning in this event will compete in the

state meet in Austin May 1 to 3.

The public is invited to attend the one-act plays and the track and field events. Admission will be charged both places, Dr. Larson said.

Tulane Official To Be on Campus

Dr. Robert P. McCutcheon, dean of the graduate school at Tulane university, will be on campus Monday and Tuesday as an official advisor on Tech's graduate program, according to Dr. W. B. Gates, dean of graduate studies.

Dr. McCutcheon will make two talks while at Tech, the first to a general faculty meeting at 4 p. m. Monday and the second a joint meeting of the dean's council and graduate council Tuesday afternoon.

Dr. McCutcheon has served as president of the Conference of Deans of Southern Graduate schools and has been on numerous commissions on graduate education in the United States. He became dean of the graduate school at Tulane in 1937.

Tech's ROTC Units Inspected by Army, Air Force Officers Thursday Afternoon

Nearly 1,000 Tech ROTC cadets took part in the annual ROTC federal inspection held Thursday afternoon on the drill field south of the Music building.

Army and air force cadets passed in review before inspecting military teams which compared Tech's ROTC with other units located throughout the United States.

The review was led by the Sam Houston Rifles drill team, composed of 24 cadets under the direction of Cadet Capt. James Cavaness, Arlington junior.

Following the drill team was the 350-man army unit under the command of Cadet Col. Carol Gillham, Fort Worth senior, and the 630-man air force unit under

the direction of Cadet Col. Bob Schmidt, Lubbock senior.

Inspecting army officers were Col. Frederic A. Henney, former chief of the Department of Engineering at the Engineering school at Ft. Belvoir, Va.; Lt. Col. Virgil V. Laughlin, professor of military science and tactics, Fort Worth high schools; Lt. Col. Corson L. Hilton, Jr., co-ordinator of ROTC activities for the Texas military district, and Maj. Frederick R. Gehring, professor of military science and tactics, Ball High school, Galveston.

Inspecting air force officers from 14th Air Force headquarters at Macon, Ga., were Col. Edgar T. Selzer, Lt. Col. J. E. Smith, Maj. W. H. Finley and Maj. A. S. Powell.

Tech Faculty To Participate In District Hearing Panel

Six faculty members will participate in the District Four Hearing panel which will be conducted Friday through Sunday at J. T. Hutchinson Junior High School.

Faculty members to take part are Dr. John Carroll, head of the department of education; W. P. Clement, registrar; Dr. T. B. Livingston, assistant professor of education; T. E. Edwards, instructor in education; Ernest Wallace, professor of history and assistant dean of Arts and Sciences and Miss Katherine Evans, associate professor of education.

All-College Print Contest To Be Sponsored by KAM

Entries for the Kappa Alpha Mu print show should be submitted by noon Wednesday, according to Dolores Ketchersid, KAM president.

Any Tech student is eligible to enter prints which should be 8x10 inches or larger.

The show will begin Thursday with prints being on display in the Museum for an entire week. Entries are in four divisions: news, pictorial, feature and industrial. Three awards will be made in each division.

Company Representatives to Interview Graduating Seniors for Job Openings

Notices of interviews to be held for graduating seniors Monday, Tuesday and Wednesday have been made by the Placement service.

On the campus will be representatives from Gulf Oil corporation, Shell Oil company, J. C. Penney company, Arkansas Natural Gas corporation and women in the armed forces.

Representing Gulf will be J. T. Murrell, W. B. Lee and Frank Bryan. Students majoring in chemical engineering, civil engineering, electrical engineering, mechanical engineering, industrial engineering, petroleum engineering, accounting, economics, management, psychology and mathematics, petroleum geology and physics are invited to be interviewed by the representatives either Monday or Tuesday.

Wednesday H. M. Glass will hold interviews for the Shell Oil company for positions in seismographing, stenography, drafting and chemistry-physics majors.

Jerome Grayum, with the J. C. Penney company, will interview students interested in positions with the company in merchandising on Monday.

Majors in chemical engineering, civil engineering, electrical engineering, industrial engineering, mechanical engineering and petroleum engineering are invited to be interviewed by D. W. Weir on Wednesday for the Arkansas Natural Gas company.

On the campus Monday and representing women in the armed forces will be a team headed by LCRD, Elizabeth Roby Leighton, USN. The purpose of the visiting team of women officers is to explain the opportunities open to women in all nine branches of the service. Positions of nursing, photography, pharmacy, communications and personnel management will be explained to senior women.

Monday morning the team will visit informally over the campus. A luncheon for representatives of campus organizations will be given at 12 noon at the Plainsman hotel. At 4 p.m. the team will be in

HEI105 for a meeting open to all women.

OPEN HOUSE—

visitors may see each part of the building.

In addition to inspecting the laboratories and classrooms in the main building, the guests will be able to go through the Nursery school and the Home Management house.

Style Show Twice Daily

Style shows featuring garments from sportswear to formal attire will be presented twice each day. Hours for the shows will be 2 p.m. and 8 p.m. Friday and 10 a.m. and 2 p.m. Saturday. Students will model clothing which they have made.

Local visitors and guests from junior colleges in the state also have been invited to attend. Tech students are asked to come by the Open House sometime during the two days. Approximately 3,000 are expected to attend.

Departmental chairmen in charge of exhibits and arrangements for their respective departments include Dell Brown, applied arts department; Janet Saunders, child development and family relations department; Alice Qualia, clothing and textiles department; Marion Gibson, foods and nutrition department; Chalones Matthews, home economics education and Barbara Hext, home management.

Second Lt. Elbert V. O'Neill, who graduated from Tech in January with a major in finance, has been assigned to the First Armored Infantry Division at Fort Hood, Texas. He received his commission in February.

Naval Air Cadet Paul Hardwick Jr. and Pat Cox, former Tech student from Dallas, will be married April 14 in Westminster Presbyterian church, Dallas.

Madrigals To Sing In Abilene Friday

The Madrigal singers will participate in the final program of the 1952 Texas Federation of Music Clubs convention in Abilene.

The singers, directed by Ira Schantz, will take part in the program at 8 p.m. in Radford Memorial auditorium on the campus of McMurry college. In the Madrigal group are Marjorie Hendricks, Dorothy Guinn, Marjorie Scales, Rosemary Sprague, Warren Forsythe, Tim Magness and Leroy Reynolds.

Five other college glee clubs will sing a series of numbers, after which the groups will form a mass chorus to close the program.

Raymond Elliott, associate professor of music at Tech, will be guest conductor of the mass chorus, which will sing six numbers. One of the songs, "Fisherman's Luck," was written by Elliott. Schantz will be soloist with the chorus and Joyce Carthel, Tech student from Lockney, will be accompanist.

Other schools participating are McMurry, Abilene Christian College, Hardin-Simmons university, Sul Ross college and Odessa Junior college.

Price Daniel To Be Rodeo Honor Guest

Attorney general Price Daniel will be guest of honor on opening night of the third annual Tech Inter-collegiate rodeo to be held in Jones stadium May 1, 2, 3.

Daniel will ride in the parade Thursday afternoon and will crown the rodeo queen at the first performance.

All clubs on the campus are eligible to submit an entry in the contest for queen. Votes will be a penny each in the contest.

Performances will be staged Thursday, Friday and Saturday evenings at 8 o'clock with a matinee Saturday at 2 p.m.

Specialty acts for the rodeo will be staged by the Lucas family from Wichita Falls.

Prizes for the winners will be given at the dance scheduled for Saturday night in the Gym following the last show.

Lutheran Students To Have Picnic at Mackenzie Sunday

Gamma Delta, Lutheran students society, will have a picnic Sunday afternoon at 3:00 in Mackenzie park. Persons going on the picnic should meet at Parish Hall at the Redeemer Lutheran church.

Fund Allocation Query Sent by SC

The Student council will send letters concerning allocations of funds to every campus department and organization next week, said Harold Brannan, council president-elect.

Allocations are made each year from the student health and activity fee allocated to the council. Approximately \$270 from each student's fee is given to the council to be divided among the different departments and organizations on the campus.

Among the organizations aided by this fund are the Toreador, the Tech band, and aggie judging teams.

Requests from the various organizations are studied by the Student council and allotments are made according to need.

Members may bring guests according to Frances Wuensche.

DR. J. DAVIS ARMISTEAD
OPTOMETRIST
1613 AVE. Q-DIAL 57083
LUBBOCK

Get This Postgraduate Course worth Thousands of Dollars!

PILOT AIRCRAFT OBSERVER

New Aviation Cadet Program Offers Special Advantages To College Men Now Preparing for Military Service

Here is valuable postgraduate training that money can't buy! As an Aviation Cadet you can receive instruction and training worth thousands of dollars—at the same time you are serving your country. You can choose—immediately—between being a Pilot or Aircraft Observer in America's swiftly expanding Air Force. The Air Force encourages candidates to stay in school and graduate. Seniors and students with two years or more of college who anticipate early entrance into military service can receive unmatched training in flying and leadership for the years ahead.

WHO MAY APPLY
AGE—Between 19 and 26½ years.
EDUCATION—At least two years of college.
MARRITAL STATUS—Single.
PHYSICAL CONDITION—Good, especially eyes, ears, heart, and teeth.

- HOW TO QUALIFY**
1. Take transcript of college credits and copy of birth certificate to your nearest Air Force Base or Recruiting Station.
 2. Appear for physical examination at your nearest Air Base at Government expense.
 3. Accomplish Flying Aptitude Tests and enlist for two years only!
 4. The Selective Service Act awards you a four-month deferment while awaiting class assignment.
 5. Immediate assignment to Aviation Cadet Training Classes starting July 19, August 19, October 2, and November 19, 1952.
 6. Attend Aviation Cadet Training School for one year—either as Pilot or Aircraft Observer. Get \$105 monthly plus food, housing, uniforms, and other benefits.
 7. Graduate, win your wings. Commissioned second lieutenant, begin earning \$5,000 a year! Receive \$250 uniform allowance, 30-day leave with pay.

WHERE To Get More Details
Visit your nearest U. S. Air Force Base or U. S. Army—U. S. Air Force Recruiting Station or write direct to Aviation Cadet, Headquarters, U. S. Air Force, Washington 25, D. C.



You are invited...

Special Movie with Sound

'The Making of Wedgwood China'

together with an elaborate display of china from

DECORATORS STUDIO and CINDY-KAYE

Sunday, April 20
Monday, April 21
8:00 P. M.

Place 1211 College

Friday, April 18, 1952

DFD Will Introduce

DFD will present in the last presentation in the Lubbock... Newly elected... Although a mod... not be reveal...

Members to be... Barbara Carr... Chere and... Lynn Daniels... Van... Dorothy... Mary Ann... Nancy Gill... Dr. R. P... Robert Johnson... Phil Jones... Marie... Thelma Martin... and escorted... Edna... Betty Mills... Harvey... Edward Johnson... Phoebe... Harold... Shirley... Frances... Ernest... Bobbie... Betty Williams... Bill... and... are... Betty... Helen... Virginia... Lewis... Jan... Albert... Steve... Sam... Omer... Jim... Don... For... Nina... Mitchell... Juan... Loriel... Leo... Marvin... Mary... Jan... Joyce...

Campus

PHI
10 a.m. to 10 p.m. H... House, HE building
2 to 10 p.m. Engine... 8:30 to 11:30 p.m... ball

NATURE
9 a.m. to 3 p.m. H... House, HE building
2 to 10 p.m. Engine... 8 to 12 p.m. DFD... Lubbock hotel
8:30 to 11:30 p.m...

SEND
10 a.m. picnic, Canter... Mary...
9 p.m. picnic, Gam... party.

MOND
7:30 p.m. Modern Dance
7:30 p.m. New... 4

TUESD
8 p.m. Audition Sc... auditorium.

WEDNES
7:30 p.m. MDC and... TRUSS

THURS
5:30 a.m. Selective... dental office.
10 a.m. Accounting... auditorium.

Canterbury Club
At Palo Duro N...
Canterbury club... leave for Canyon... am. They will be... Texas State's Can... a picnic in Palo I... The Canterbury c... copal student o... group will leave fro...

Cole P
Night
April 21
(Monday-T...
Tickets or... VARSITY BOO...
Presented... Lubbock Sy...

DFD Will Hold Spring Presentation, Introduce New President Saturday

DFD will present 20 new members and nine spring pledges in the last presentation of the season Saturday from 8 to 12 p.m. in the Lubbock hotel.

Newly elected president will be announced and presented. Although a modern theme will be carried out, decorations will not be revealed until the dance.

Members to be presented and their dates are: Barbara Currie, presented by Jerry Currie and escorted by Curt Coxson; Sharon Daniel, Elmer Wilson; Jackie Parr, Tim Russell; Dorothy Gage, Lowell Richardson; Mary Ann Gidney, Joe McWilliams.

Nancy Gill, Bobby Raines; Ann Jones, presented by Dr. K. E. Jones and escorted by Elbert Johnson; Joan Thurston, John Paul Jones; Kate Leatherwood, Jim Lawrence; Phyllis Martin, presented by George Island, and escorted by Bunny Fletcher.

Betty Mills, John Womack; Rosemary McKee, Harvey Stewart; Tibba McMullan, Richard Johnson; Shirlee Maate, Danny Ponder; Ruth Smacey, Dale Smith; Wanda Stafford, Jarrell Price; Barbara Webb, Herman Caskey; Melba White, Donnie Eliff; Bobbie Wilson, Jim Turner, and Patsy Whitacre, Bill Forbes.

Spring pledges to be presented and their escorts are: Nova Barnes, Gerald Smith; Betty Jane Bennett, Raymond Barner; Helen Collings, Dave Adams; Pat Flindley, Weldon Wells; Annie Hayes, Don Davis; Shirley Klein, Bob Harrington; Mary Jane Coan, Albert Porell; Fernella Lou Sharp, Orville Sumney; Minnie Lee Thompson, Sam Dibbell.

Members and their dates attending are: Sue Moorhouse, Joel Wilson; Pat Williams, James Powell; A. J. Dozier, Bob Walker; Mary Jo Craig, Bob Story; Pat Flindley, Dwight Lindley; Marvel Osauer, J. C. Chambers; Joyce Rose, Hub Cadenhead; Diane McGhee, Carl Peel; George Wright, Oscar Powers; Jan Dorn, Jack Dickson; Jo Aulbach, Jim Buster; Rhetta McMaster, Pete Hsahali; Nina Spearman, Joel Mitchell; Joann Applebay, George Morris.

Lorelei Hankins, Bobby Cavazos; Mary Lou Patton, Todd Diggs; Kay Collins, Pete Morris; Marian Holton, Marland Ribble; Mary Lou Moore, Tom Tapper; Joann Teague, Jim Elmer; Joan Terry, Orace Zell; Joyce Cooper, Pinky Powell.

Campus Whirl

FRIDAY

10 a.m. to 10 p.m., Home Economics Open house, HE building.
2 to 10 p.m., Engineering show, campus.
8:30 to 11:30 p.m., square dance, Rec hall.

SATURDAY

9 a.m. to 5 p.m., Home Economics Open house, HE building.
2 to 10 p.m., Engineering show, campus.
8 to 12 p.m., DFD Presentation dance, Lubbock hotel.
8:30 to 11:30 p.m., dance, Rec hall.

SUNDAY

10 a.m., picnic, Canterbury club, Palo Duro canyon.
3 p.m., picnic, Gamma Delta, Mackenzie park.
7:15 p.m., hamburger fry, Church of Christ student center.
Picnic, Biology club, Silver Falls.

MONDAY

7 p.m., Modern Dance club, Gym.
7:30 p.m., Newman club, Blakelee hall.

TUESDAY

8 p.m., Audubon Screen tour, Museum auditorium.

WEDNESDAY

7:30 p.m., MICC smoker, Lubbock hotel.

THURSDAY

8:30 a.m., Selective service test, A&S deans' office.
10 a.m., Accounting conference, Aggie auditorium.

Canterbury Club to Picnic At Palo Duro Next Sunday

Canterbury club members will leave for Canyon Sunday at 10 a.m. They will be guests of West Texas State's Canterbury club at a picnic in Palo Duro Canyon.

The Canterbury club is the Episcopal student organization. The group will leave from Seaman hall.

Cole Porter Night April 21 & 22 (Monday-Tuesday)

Tickets on Sale VARSITY BOOK STORE

Presented by Lubbock Symphony

Audubon Lecturer To Speak Tuesday

"Canada North", a movie and lecture conducted by Bert Harwell, naturalist, will be the Audubon Screen Tour program in the Museum auditorium at 8 p.m. Tuesday.

Harwell, who is a National Audubon society photographer, has traveled in Canada and filmed scenes, plants and birds. Harwell also photographed the Indians and Eskimos of the Mackenzie River delta north of the Arctic Circle. This film includes pictures of the summer round-up of reindeer by the Eskimos on Richards Island in the Arctic ocean.

Harwell's lectures combine colorful presentation with his wide scientific knowledge. His anecdotes, bird-song interpretations and whistling to his own piano accompaniment lift his programs above ordinary performances.

Admission to the program will be 70 cents.

Club To Go To Silver Falls

The Biology club will have a combination picnic and field trip at Silver Falls, Sunday. Persons interested in going should call Anita Krieg.

Frat Man to Be MICC Speaker

A member of the National Inter-Fraternity council will be guest speaker at the annual Men's Inter-Club council smoker at 7:30 p.m. Wednesday in the Lubbock hotel.

H. Gardner Symonds, president of the Tennessee Gasoline Transmission company of Houston, will discuss phases of Greek letter social fraternities in colleges with members of Tech's eight men's social clubs, George Morris, MICC president, announced.

Symonds and the sponsors of men's social clubs will be honored with a luncheon at 12 noon Wednesday in the Plainsman hotel.

MICC athletic and scholastic awards will also be made at the Wednesday night smoker.

Wakefields Flowers
Phone 5-9814
2421 Broadway

J. H. Baumgardner, former swine specialist at Tech, is stationed at Reese air force base after being recalled to active duty in the air force.

Second Lieut. Bill Solomon is attending radar school in Denver, Colo. He graduated in 1951.



Louis Armstrong

COTTON CLUB

April 28th

Advance Tickets \$2.00 person

Wayne's Record Rack

2421-A Bdwy. Ph. 3-2402

THE DU PONT DIGEST

Ch. E's at Du Pont

Plant development work is solid background for a future in chemical engineering

The work of production supervisors at Du Pont, as discussed here last month, is aimed at getting better results from existing processes and equipment.

In contrast, the job of plant development groups is to find ways to improve methods and products, and advise management when changes should be made for economic or technical reasons. Chemical engineers in this work are responsible for lowering process costs, adapting the product to new uses and improving product quality to obtain a larger share of the existing market.

These duties provide an understanding of the fundamental aspects of the business, as well as a broad view of Company operations. The training and experience a man gains as a member of a plant development group—often a first assignment at Du Pont—is an excellent background for any field he may move into later.

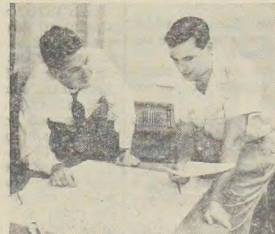
Conducting a development study usually involves obtaining data from



H. E. Graham, Jr., B.S.Ch.E., Georgia I.T. '48, and J. P. Carley, Ph.D.Ch.E., Cornell '51, study a plastic compander-extractor-extruder for improvements in making plastics.

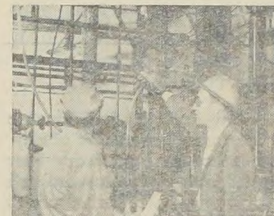
laboratory, semi-works and plant-scale experiments, estimating profits and investments, and consulting with sales, research and production personnel, also with auxiliary departments such as Engineering, Chemical and Purchasing, and with outside authorities.

Here are typical problems solved by plant development groups:



John Purdom, B.S.Ch.E., Ohio State '49, and Kenneth Kehr, B.S.M.E., North Carolina State '50, discuss diagram of a process for improved recovery of a nylon intermediate.

1. Prompted by obsolescence and wearing of equipment, experimental studies and economic comparisons were made on the entire process of isolating dyes. Methods in use called for crystallization, filter pressing and tray drying. It was found that a rotary vacuum filter with a continuous rotary steam tube dryer, air conveyor and a dust collection system reduced costs about \$50,000 a year.
2. Production of sodium silicate was to be increased substantially, but the tank-type furnace at the heart of the process proved a bottleneck. The furnace design, including exit and



Thurman W. Kaiser (at right), B.S.Ch.E., Purdue '50, supervises tests of improved process for making neoprene intermediates.

[FOURTH OF A SERIES]

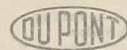


Reid Bernhardt, B.S.M.E., Cornell '44, M.S.M.E., Carnegie '48, and René M. LeClare, M.S.Ch.E., M.I.T. '51, check installation of improvements in plant equipment.

entry ports, was improved, and its capacity enlarged at a small fraction of the cost of a new furnace.

With the rapid growth of technological improvements all over the world and increasing competition, plant development work assumes greater and greater status. The Ch. E. entering such a group at Du Pont finds a wealth of opportunity for his skill and ingenuity.

HAVE YOU SEEN "The Du Pont Company and the College Graduate"? Free, 40-page book describes opportunities for men and women with many types of training. Write: 2521 Nemours Bldg., Wilmington, Delaware.



150th Anniversary

BETTER THINGS FOR BETTER LIVING ... THROUGH CHEMISTRY

Entertaining, Informative—Listen to "Cavalcade of America," Tuesday Nights, NBC Coast to Coast

Should Independents Be Consulted? . . .

After approximately a year of vigorous research on the part of Women's Inter-Club council into the advisability of national sororities for Tech, the issue is coming to a crest.

Women's social clubs on the campus will soon decide whether or not they will petition to become affiliated with national sororities.

At the moment only womens' clubs will be considering nationals, since mens' social organizations are still investigating the merits of national fraternities.

One question arises as the issue comes to a peak: should independents be consulted?

On one side of the fence is the argument that independents would not be affected by a change to nationals and, therefore, should not be entitled to a voice in the matter. At the other extreme are those who declare that a switch to nationals would have a definite effect on independents as well as social club members; they would advocate a general campus election.

At the risk of appearing philosophical, we recall an old saying attributed to Ben Franklin which runs: When a carpenter fits two boards together, he usually has to cut some off of both. While we do not favor a general election to decide on national sororities and fraternities, we feel that independents would be affected at least indirectly by a switch to nationals; therefore, they have a right to express their opinions.

Should campus interest in the matter be sufficient, The Toreador will seek to give a fair cross-section of students' views through an opinion poll. What is your decision—should independents be consulted?—N

Two Big Shows . . .

When any group of individuals put their heart into preparations for an event, it is usually a success. For that reason we expect the Engineering Show and Home Economics Open House to be outstanding in '52.

Both divisions have worked untiringly to prepare top notch exhibits for the two shows this weekend. Several thousand visitors from over a wide section of the southwest will be here on the campus to inspect the exhibits.

They will see everything from television to cook books as Tech engineers and home economics women parade their star attractions.

The Toreador welcomes the parents and other friends of the college who will visit the campus. We hope all will enjoy the show.

Pat's Patter

Campus Politics Fade in Past; 'Excuse Chart' Gives Answers

By PAT JOHNSON
Toreador Associate Editor

That's all for now and forgotten until another year!

Yes, like Christmas or Homecoming, student government is pushed back into the deep, dark recesses of our minds except for the two or three weeks prior to the event—election time.

But, as a plant can only grow in sunlight, a vital, wholesome student government can only thrive in the light of student body interest.

The incoming officers can do a complete and thorough job only if they know what problems face campusesites and what Techsians want done.

The Student council can only meet the students halfway, SC members can only consult their constituents when they know of an existing problem.

The rest is up to the campus citizenry. The student body must let their problems exist by talking with SC personnel or writing letters to The Toreador.

Remember, a gripe aired in a dormitory room is heard by four walls; an opinion voiced in the pages of the newspapers or in council meeting is heard by all.

With the end of the year creeping speedily upon us (creeping for the seniors who want to graduate; speeding for under-

classmen who face finals), we found in an exchange paper "what to say" at the end of the course.

The "Excuse Chart," which covers almost every academic occasion, is as follows:

When you are given an objective test—"It doesn't let you express yourself."

When you are given an essay test—"It's so vague. You don't know what's expected."

When you are given many minor tests—"Why not have a few big ones? This keeps you on edge all the time."

When you are given no tests—"It's not fair. How can he possibly judge what we know?"

When every part of the subject is taken up in class—"Oh, he just follows the book."

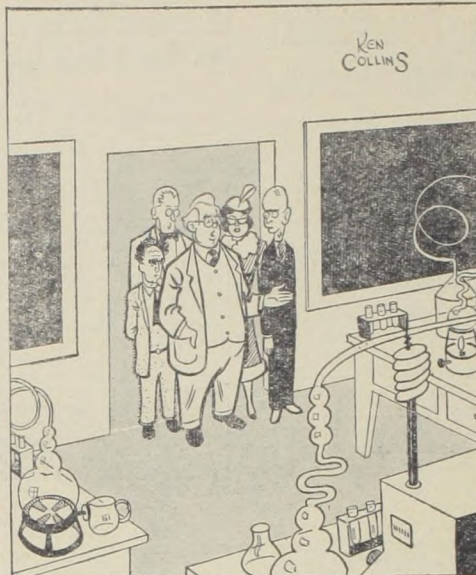
When you are asked to study a part of the subject by yourself—"Why, he never even discussed it!"

When the course is in lecture form—"We never get a chance to say anything."

When the course consists of informal lectures and discussions—"He just sits there. Who wants to hear the students? They don't know how to teach the course."

When detailed material is presented—"What's the use? You forget it all after the exam anyway."

When general principles are presented—"What did we learn? We knew all that before we took the course."



... And here freshman Bruno is working on a chemical to make people invisible... Oh Bruno? Where are you Bruno?

Texas Tech Talk

Engineers, HE Girls Plan Weekend Shows

By JOHN NORCROSS
Toreador Editor

Engineering and Home Economics divisions are putting their best foot forward this weekend as preparations are being completed for the annual Tech Engineering Show and Home Economics Openhouse.

Guys and gals of the two divisions have been spending off-periods and night hours for several weeks getting ready for the big events. We haven't been by to inspect the exhibits yet, but from all we hear, the 1952 shows should come up to par with those of other years.

Several thousand visitors are expected to be on the campus for the two events this weekend. To those persons we extend a hardy welcome. We hope you enjoy the shows.

Thursday was the big day of the year for air and ground ROTC cadets, who were inspected by federal officers.

Tech ROTC units have a peak enrollment this year and enrollment should be even greater next semester. Plans are being laid for continuing ROTC operations through the summer months. This program will especially benefit high school graduates of draft age who will be entering Tech.

Spring general elections aren't over yet for students of the Business Administration division. They will go to the polls for a third time to select a Student council representative. A second run-off election was made necessary when J. C. Chambers and Pete Morris tied with 125 votes each in Tuesday's run-off.

Other Techsians have done with elections until next fall. Congratulations to the winners. We hope you will feel the weight of the responsibility placed upon you by your fellow students and strive to maintain a healthy and working student government on the campus.

With the Easter holidays past, Techsians now have about one month—that's right, one month—in which to show their profs just how much they're capable of. Prospects for studying look dim, however, with dances, banquets and Rec hall entertainment coming into the

spotlight for end-of-year activities.

April 30, for instance, lovers of jazz will get to see the fabulous Tommy Dorsey as he directs his orchestra in a listening concert in the Tech gymnasium. Sorry, kids, there will be no dancing. But for those who are interested in swaying to the strains of the Dorsey music makers, a dance in Lubbock's Jamboree Hall has been scheduled for April 29.

BACKTALK

Dear Editor:

Since it is customary to hand out a compliment before launching into a criticism, let me commend the Student council election committee for the very fine job they did in the election last week in getting out a forty-eight per cent vote and in tabulating the results of the election so rapidly.

And now, the usual BUT (and the criticism): But, the election committee failed to give the voters the proper choice in one matter on the ballot. That was on the matter of the amendments offered for the approval or disapproval of students.

Maybe I'm wrong, but I do not believe that any ballot is correct when a student is forced to vote for ALL or against ALL proposed changes. The ballot which the election committee submitted, offered the voter no choice but to approve or disapprove all amendments.

It is not so much that I disapproved any of the amendments as that I do not like the idea of forcing students to accept all of a proposed change. Perhaps there are those students who would have exercised their brains to the extent of THINKING about the proposed changes... had they been given the chance. I do not think it would have affected the ultimate outcome of the election, for people this day are allergic to disapproving anything suggested by those in authority for fear they be branded Pink, Red, Communist, Left-Wing...

Should not each amendment have been submitted for separate approval?

Jimmie Henley

About The Campuses

The Georgia Institute of Technology (Georgia Tech), held a novel type of auction recently for the World Student fund. Several members of the faculty offered their services to the top bidder. Some offered to clean rooms, type reports, baby sit and shine shoes. Needless to say, the bidding was brisk.

Teaching philosophy can be dangerous, according to the student newspaper of Detroit university. A professor was teaching in the chemistry building recently and hit his knees against a gas jet. He was almost unconscious before a student alertly opened the windows to let out the gas (and maybe hot air).

The Chase, student newspaper of Eastern New Mexico university, reports that the annual beard growing contest is under way this week. The contestants' comments on their beards ranged from "It doesn't take any effort" to "It itches." The student who said "It itches" would not explain whether it was caused by animals or not.

In a survey taken recently by the University of Texas, 85 percent of the faculty favored finals. The questions asked were: (1) What percent of the final grade is based on your final exam? (2) Do you believe that "A" students should be exempt from finals? The professors said they graded, usually, with the final counting 33 percent. Three counted it more than 50 percent. Only one prof was in favor of exempting an "A" student from finals.

A student at Southwest Texas Teachers' college tangled with a metal foot scraper and came out on the worst end. He slipped and fell on a wet cement porch which caused him to receive a split lip, black eye and a bruised nose. What happened to the foot scraper? It was bent slightly.

the toreador

THE TOREADOR, newspaper of Texas Technological college, is published every Tuesday and Friday on the campus of Texas Technological college at Lubbock by the college.

EDITORIAL OFFICES:
Press Building, Rooms 103, 105
Telephone: 5-8541
Extension:
Editor, 424
Business Manager, 423
Night Editor: 5-8548

Member Associated Collegiate Press

Represented for National Advertising by National Advertising Service Incorporated
420 Madison Ave. N.Y., N.Y.

JOHN NORCROSS — EDITOR
Shirley Johnson — Tuesday Assoc.
Pat Johnson — Friday Assoc.
Adrian Combs — Co-Sports
John Lee — Editors
Pat Edwards — Co-Society
Dorothy Thompson — Editors
MAC ANDREWS — BUS. MGR.
Marjorie Stockto — Asst. Bus. Mgr.
Wallace Davis — Office Manager
Roy Groves — Circulation Mgr.

REPORTING STAFF: Ann Bryan, Nancy Browder, Douglas Crain, Maurice Dastoe, Keith McMullen, Joy Fenrod, Elizabeth Stanley, Mary Jane Eaker, Donald Byrom, Ruth Drake, Duane Howell, Paul Kessinger, Bob Lovelace, Rosemary McKee, Rex McKinney, Charles Maple, William Martin, Donald Meares, Tipton Miller, Ralph Shelton, Bill Stocker, Edward Swenson, John Toler, Martha Troy, Willie Turner and Hubert Waddell.

COPY DESK: Dolores Ketcherand, Martha Gillispie and Catherine Eubank.

You'll Be Surprised You'll Find in

New books come in every day to the Tech Library on subscription from social medicine books. In fact, there are new books in the library entitled "Social Medicine" which prove the truth of the statement.

New Books For those who are interested in higher mathematics, there is a number of interesting books. "Lectures in Abstract Algebra" and "Two Methods of Division" should provide much student with hours of their time. Then for our literature lovers there is "A Hope For Every Day" Some of the teachers wish to read this after looking over the sonnets written by members of their classes.

Tech To Be Host For Feeder's Day

Tech will play host at a Feeder's Day Tuesday and will present the results of a lamb feeding project.

The steers were divided into lots of 10 head each and were fed by Bobby Gray, graduate student. Gray is the recipient of a fellowship offered by the Texas Oil and Gas Association. The steers have just finished a 157 day feeding experiment comparing the feeding value of a process cottonseed meal with the value of a process solvent extraction meal. The steers were also fed a combination of both. The steers received a minimum of 10 pounds of meal, two pounds of alfalfa and milo grain, dependent upon fatness, daily.

The 196 lambs finished growing harvesting experiment during a dry lot feeding. Six lots of 20 each were compared the feeding value of a process, expeller and pre-solvent extraction type of cottonseed meal. They were also compared the value of heger and sun-dried cottonseed meal. The lambs were fed under supervision of R. C. Mowery of the animal husbandry department and data collected by Claude Ash, graduate student, in his thesis.

The steers were fed under supervision of W. L. Stange of agriculture. All the data gathered in the experiment will be available for observation at the Feeder's Day.

Tech ROTC Cadets Return From Visit to West Point

Cadet Col. Coral Gilliland Lt. Col. Bill Powell ROTC students, returned from a four day visit to U. S. Military Academy, West Point, New York. Col. E. C. McConnell, senior infantry instructor during 1950-51, gave a dim the cadets while they were academy.

The two were taken to Army academy as guests of the Army. All travel expenses were paid by the government in part of the celebration 150th anniversary of the academy.

TAXI
YELLOW CAB CO
"The Thinking Fell Calls A Yellow"
5-7777

You'll Be Surprised At What You'll Find in the Tech Library

New books come in every day to the Tech Library on subjects ranging from social medicine to birds' nests. In fact, there are two new books in the library now entitled "Social Medicine" and "Birds' Nests In The West," which prove the truth of this statement.

New Books

For those who are interested in higher mathematics, there are a number of interesting new books. "Lectures in Abstract Algebra" and "Two Methods of Long Division" should provide any math student with hours of thrills. Then for our literature students there is "A Hope For Poetry." Some of the teachers might wish to read this after looking over the sonnets written by some members of their classes. Other

books in this field are "The Papers of Thomas Jefferson" in two volumes, "The Letters of Theodore Roosevelt" in two volumes, and "Hogart's Works" in two volumes. A weekend or two could well be spent absorbing the knowledge concentrated in these tumultuous tomes.

Wide Interest

Other fields of interest have not been overlooked. For the botany student, there is "Fun With Flowers;" for the geologist, "Evolution Emerging;" for the nutritionist, "The Cook Is In The Parlor."

Then there is "Psychological Warfare," which combines a study of psychology and warfare.

For those who are concerned about the condition of singing in our churches, the library offers "Steps Toward a Singing Church."

If none of these interest you, there is one that surely will, "A Guide To Easier Living." It should be very popular these warm spring days.

Negro Colleges Eligible For ATC

Negro colleges have been voted eligible for full membership in the Association of Texas Colleges, according to Dr. R. C. Goodwin, dean of arts and sciences. The action was taken several days ago in Dallas at a meeting of the association.

Three colleges were immediately voted membership. They are Fairview college, Fairview; Texas college, Tyler; and Texas Southern university, Houston. Other schools will become members as they meet specified qualifications.

Vice-President E. N. Jones was appointed chairman of the association's commission on supplemental programs. The membership of Dr. Goodwin on the committee of standards and qualifications was extended for three years. Dr. Ernest Wallace, assistant dean of arts and sciences, continues as a member of the commission on co-ordination.

Wakefield's Flowers

Phone 5-9814
2421 Broadway

See the Engineer's Show and attend the HE Open House. Toreador ads get results. Try this advertising medium.

MAYFAIR

SPRING FORMALS—

Balerina and Full Length

\$16.95 to \$32.50



Strapless And—
Jacket
Styles

NET And—
Lace

Corner Broadway & Texas—Phone 5-6059

Tech To Be Host For Feeder's Day

Tech will play host at a Livestock Feeder's Day Tuesday and will present the results of steer and lamb feeding projects recently finished.

The steers were divided into six lots of 10 head each and were fed by Bobby Gray, graduate student. Gray is the recipient of a fellowship offered by the Texas Cottonseed Crushers association.

The steers have just finished a 147 day feeding experiment comparing the feeding value of hydraulic process cottonseed and pre-pressed solvent extraction meal. A comparison will also be made of the merits of sorghum silage and cottonseed hulls and a combination of both. The six lots all received a minimum of two pounds of meal, two pounds of alfalfa and milo grain, depending upon fatness, daily.

The 196 lambs finished a sorghum harvesting experiment following by a dry lot feeding period. Six lots of 20 each were fed to compare the feeding value of hydraulic, expeller and pre-pressed solvent extraction type of cottonseed meal. They were also fed to compare the value of hegeri bundles and sorghum silage.

The lambs were fed under the supervision of R. C. Mowery, head of the animal husbandry department and data collected will be used by Claude Ash, graduate student, in his thesis.

The steers were fed under the supervision of W. L. Stangel, dean of agriculture.

All the data gathered in both experiments will be available for observation at the Feeder's Day.

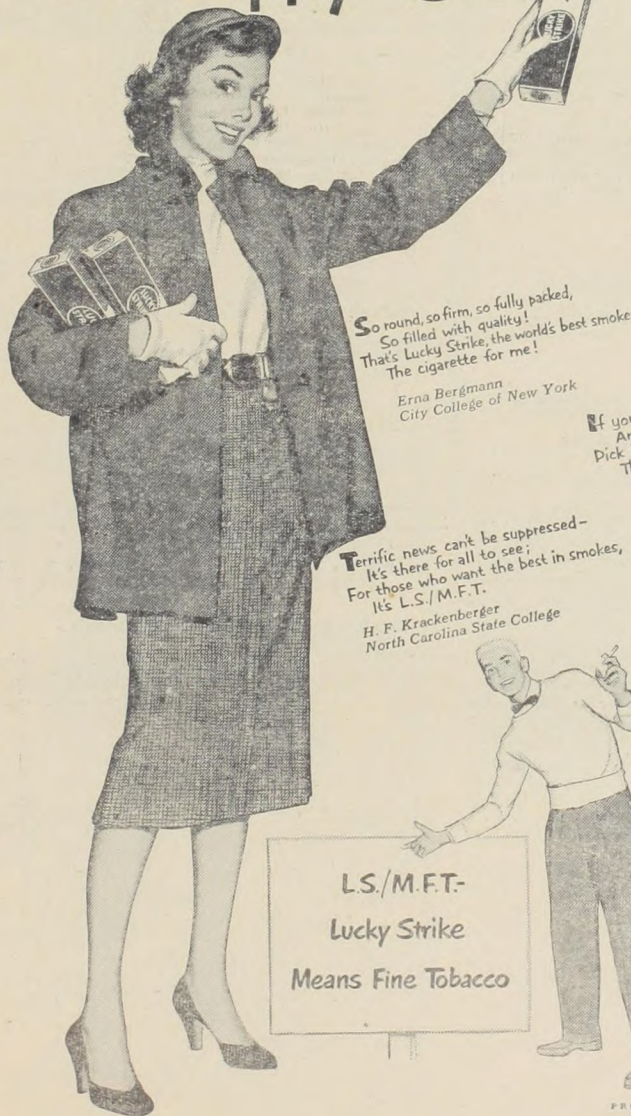
Tech ROTC Cadets Return From Visit to West Point

Cadet Col. Coral Gillham and Cadet Lt. Col. Bill Powell, Tech ROTC students, returned last week from a four day visit to the U. S. Military Academy, West Point, New York.

Col. E. C. McConnel, former senior infantry instructor at Tech during 1950-51, gave a dinner for the cadets while they were at the academy.

The two were taken to the military academy as guests of the US Army. All travel expenses were paid by the government as part of the celebration of the 150th anniversary of the academy.

Be Happy-Go LUCKY!



So round, so firm, so fully packed,
So filled with quality!
That's Lucky Strike, the world's best smoke,
The cigarette for me!

Erna Bergmann
City College of New York

Terrific news can't be suppressed—
It's there for all to see;
For those who want the best in smokes,
It's L.S./M.F.T.

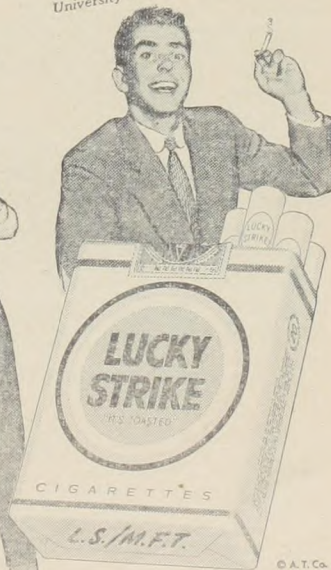
H. F. Krackenberger
North Carolina State College

LUCKIES TASTE BETTER!

It takes fine tobacco to give you a better-tasting cigarette. And Lucky Strike means fine tobacco. But it takes something else, too—superior workmanship. You get fine, light, mild, good-tasting tobacco in the better-made cigarette. That's why Luckies taste better. So, Be Happy—Go Lucky! Get a carton today!

If you are starting out to smoke
And want to find a brand—
Pick Luckies and that better taste;
They're smoked throughout the land!

Alan B. Wood
University of Pennsylvania



L.S./M.F.T.—
Lucky Strike
Means Fine Tobacco

PRODUCT OF The American Tobacco Company

TAXI

YELLOW CAB CO.

"The Thinking Fellow Calls A Yellow"

5-7777

il 18, 1952
The
ses
ue of Tech
b), held a no-
sently for the
Several mem-
offered their
bidder. Some
ams, type re-
shine shoes,
bidding was
y can be dan-
the student
of university
eaching in the
recently and
a gas jet. He
ous before a
of the windows
and maybe hot
ent newspaper
dexico univer-
annual beaf
nder way this
nts' comments
nged from "I
effort" to "I
t who said "I
xplain whether
imals or not.
n recently by
Texas, 85 per-
favored finals.
ed were: (1)
final grade is
exam? (2) Do
"A" students
om finals? The
graded, usual-
ounting 33 per-
it more than
ne prof was in
g an "A" stu-
outhwest Texas
tangled with a
and came out
He slipped and
ent porch which
a split lip,
used nose. What
oot scraper? It
adior
newspaper of
cal college, is
uesday and Fri-
of Texas Tech
at Lubbock by
OFFICES:
rooms 103, 105
5-8541
ion:
424
nager, 423
r: 5-8548
er
ated
Press
ed for
ertising by
ising Service
rated
N.Y., N.Y.
S EDITOR
Tuesday Assoc.
Friday Assoc.
Co-Sports
Editors
Co-Society
Editors
BUS. MGR.
Asst. Bus. Mgr.
Office Manager
Circulation Mgr.
Am. Bryan, Staff
S. Marston, Circula-
Perrow, Editor
ter, Donald Brown,
and Paul Kromer,
and William H. H.
by William H. H.
Mittler, Dallas, Tex.
ard Freeman, and
Willie Turner and
Evelyn, Maria
Eckman

Tech Gridmen Crack Skulls In Practice Game at Odessa

Tech's football talent will be divided as evenly as possible for the Red Raiders' intra-squad game at Odessa Friday night.

Such a distribution should provide fans with a better spectacle than the matching of first and

Reds		Whites	
Erwin	LE	White	
Barrington	LT	Wesley	
Whitted	LG	Gray	
Hodge or Massey	C	Funk	
Barron	RG	Hunt	
Davis	RT	Ribble	
Crossley or Bryan	RE	Spoooner or Cordell	
Johnson	QB	Musselwhite or Edwards	
Wilson	LH	Turner	
Lewis	RH	Cavazos or Thompson	
Welton or Rinaldi	FB	Spinks, Douglass or Tankersley	

Babe Wood and Wade Walker will coach the Reds while Jack Mitchell and Wyatt Posey will have charge of the Whites.

Tech Hoopsters Substitute Basketballs For Mothballs As Spring Drills Open

Spring basketball practice opened Tuesday for the Red Raiders when some twenty recruits pulled basketball togs out of the mothballs.

The drills will take place daily with three starting positions wide open. Only two starters are returning. They are Paul Nolen and Virgil Johnson.

The round ball kids will whizz through practice with four 1952 squadmen missing from the lineup. Three of them—Jim Eddins, Jack Alderson and Verdell Turner—were starters, and the other—Irl Brown—was chief understudy in the pivot slot.

Engineers' Show—

will have an exhibit from the U. S. Department of Agriculture showing fibers and fabric microscopy. It will exhibit a scale model machine layout for a textile mill and a miniature textile mill showing pictures of operation of the various departments. It will demonstrate a cutaway view of a drafting assembly for roving and spinning. The main exhibit of the textile department will be the portrait of Harold Hart, founder of Phi Psi fraternity, woven in cloth. Jo Mike Brees is the manager of the TE exhibits.

Electrical engineers will sponsor novel displays such as an electronic turtle that is sensitive to light beams, and an electronic color selector. They will also demonstrate a thinking machine. The machine has a brain and three memory banks. Another gadget exhibited will be the strength-testing machine. Manager of the EE display is Charles Pendergraft.

M. E. Display

In the mechanical engineering display will be a gadget called the vortex tube. Compressed air is fed in at the middle of the tube and at one end hot air comes out and at the other end, cold air comes out. The ME's will also have a demonstration of a rope pump. They will demonstrate a two-dimensional flow table showing subsonic and supersonic water flow through water analogy to air. H. K. Wilson is the manager of the ME display.

The architecture and commercial art division will have exhibits of paintings and drawings using water color, oil, block printing, pen and ink, free hand, etc. Classes of commercial lettering, design and pottery will have exhibits in the display.

Geology Exhibit

The geology department will sponsor displays depicting the job of the geologist from the location

second teams Coach DeWitt weaver decided.

Another spring training game is scheduled for Jones stadium April 25 during Tech's two-day coaching clinic.

Probable starting lineups for the Reds and Whites follows:

Whites	
White	
Wesley	
Gray	
Funk	
Hunt	
Ribble	
Spoooner or Cordell	
Musselwhite or Edwards	
Turner	
Cavazos or Thompson	
Spinks, Douglass or Tankersley	

Returning lettermen include Rex Hitt, Bob Bouldin, Jimmy Sexton and Lew Martin. Squadmen who reported for duty include Charlie Rand, John Pittman, Scotty Grundy and Duane Durham. Also working out is Carl Ince, flashy ball-handler who won all-state recognition at Lubbock in 1951. He will not be eligible for competition until the spring semester of 1953.

Games for next season that have already been contracted include such formidable crews as North Carolina State, Oklahoma A&M and Tulsa.

of a site through the digging of a well. Displays of maps, logs, samples and microfossils will be shown.

In the chemistry department, the main attraction will be the magic show.

TIL Schedule

FRIDAY	
8 a.m.	Golf, AA, A, B, Country club golf course.
9 a.m.	Tennis, all entries, Tech gym
7:45 p.m.	One-act plays, AA, Speech auditorium
SATURDAY	
9 a.m.	Journalism, AA, A, B, Journalism 208
9 a.m.	One-act plays, A, Speech auditorium
9:30 a.m.	Pole vault finals, Texas Tech field
9:30 a.m.	120 Yard high hurdles preliminary, Texas Tech field
9:30 a.m.	Shot put finals, Texas Tech field
10 a.m.	Debate, AA, A, B, preliminaries, A3321
10 a.m.	Declamation, all divisions, Aggie auditorium
10 a.m.	Typewriting, AA, A, B, A4350 and 368
10 a.m.	100 Yard dash preliminaries, Texas Tech field
10:15 a.m.	High jump finals, Texas Tech field
10:30 a.m.	440 Yard dash preliminaries, Texas Tech field
10:40 a.m.	200 Yard low hurdles preliminaries, Texas Tech field
11 a.m.	Shorthand, AA, A, B, A6210
11:20 a.m.	440 Yard relay preliminaries, Texas Tech field
11:45 a.m.	220 Yard dash preliminaries, Texas Tech field
1 p.m.	Extemporaneous speech, AA, A, B, A1201, 211, 232
1 p.m.	Debate, AA, A, B, (second round), A4321
1 p.m.	Number sense, AA, A, B, A6210
1:30 p.m.	Ready writers, AA, A, B, Library 11
1:30 p.m.	Running broad jump, Texas Tech field
1:30 p.m.	Discuss throw finals, Texas Tech field
1:45 p.m.	One-act plays, B, Speech auditorium
2 p.m.	Slide rule, AA, A, B, A6210
2 p.m.	120 Yard high hurdles finals, Texas Tech field
2:20 p.m.	100 Yard dash finals, Texas Tech field
2:40 p.m.	440 Yard dash finals, Texas Tech field
3:10 p.m.	220 Yard low hurdles finals, Texas Tech field
3:30 p.m.	440 Yard relay finals, Texas Tech field
3:50 p.m.	800 Yard dash finals, Texas Tech field
4:10 p.m.	200 Yard dash finals, Texas Tech field
4:30 p.m.	1 Mile run finals, Texas Tech field
4:50 p.m.	1 Mile relay finals, Texas Tech field

Sports Panorama

By Sports Staff

It is interesting to note that Houston has applied almost at the last minute to get in the South-west conference. This may hamper Tech's chances somewhat although we don't think that it should.

What we believe Houston is really trying to do is to stall Tech from getting in until Houston is really ready to try for it themselves. If Tech makes it, that will virtually wreck Houston's chances. It is hard to see how they could be ready for the conference now. Sure, they are growing and have some 13,000 students, but are they really recognized everywhere? They do have all the MONEY they need if that is necessary.

It's only about three weeks until the important meeting, but it's bad to get overly optimistic about our chances. Too many people got too optimistic in 1948. It's hard to tell how some of the schools will vote since several of them have kept so quiet on the affair.

One thing that is worth watching is the way many sports-writers have talked on the subject. More are for us getting in than are against it. However, most of them think Tech has a much better chance than in 1948.

We noted in the, Hardin-Sim-

mons school paper that one of their sportswriters talks favorably of Tech's chances. Some Dallas and Waco (Jinx Tucker) sportswriters don't seem to think Tech should be let in. They think the conference is fine as it is. But who can go by what Jinx Tucker says?

Dots and Dashes . . . - Jerry Fairley, Ben Wilson, Bobby Hawkins and Bill Killough left today for the Kansas Relays . . . Tech will be host to its first college swimming meet April 26 when New Mexico Military Institute from Roswell will match the Raiders at the Lubbock Boys club . . . The tennis team will have matches against West Texas in Canyon the 24th and against Abilene Christian here the 26th . . . Tech's tinclads will journey to Boulder, Colorado next week-end to take part in the Colorado Relays . . . Spring training will be climaxed next week with the 4th annual intrasquad game scheduled for Friday as a part of the second annual coaches clinic . . . Bobby Hunt, who was injured in practice Tuesday, will be out of the game tonight in Odessa with pulled rib muscles, but he should be ready to go next

Monday, April 21
Socii vs. Kemas—Diamond 1
Adelphi vs. Centaurs—Diamond 2
College Club vs. Los Cam—Diamond 3
Wranglers vs. Silver Keys—Diamond 4

Aggie League
Tuesday April 22
P.I. vs. D. M.
Ag. Eco vs. FFA

week. Joe Taylor, promising lin-backer from McAllen, lost a tooth in scrimmage Tuesday, but will be in Friday's game . . .

—Bob Lovelace

Softball Schedule

MICC Softball Schedule:
Monday, April 21
Socii vs. Kemas—Diamond 1
Adelphi vs. Centaurs—Diamond 2
College Club vs. Los Cam—Diamond 3
Wranglers vs. Silver Keys—Diamond 4

Aggie League
Tuesday April 22
P.I. vs. D. M.
Ag. Eco vs. FFA

week. Joe Taylor, promising lin-backer from McAllen, lost a tooth in scrimmage Tuesday, but will be in Friday's game . . .

—Bob Lovelace

Wahfeldt's Flowers
Phone 5-9814
2421 Broadway



Dr. C. Earl Hildreth
OPTOMETRIST
DIAL 2-4828
2421 BROADWAY

HESTER'S SENSATIONAL Rental-Purchase Plan IT'S NEW "HERE'S HOW"

1. Rent a "Brand New" Royal Portable for three months at \$5.00 a month \$15.00
 2. Then cash payment at the end of 3 months 13.55
 3. Then installment plan of \$7.50 a month for 10 months. (No Carrying Charges) 75.00
 4. A Royal Portable is now yours at the NATIONALLY ADVERTISED CASH PRICE \$103.55
- Come in today and find out the "6" reasons for buying a portable from

1214 Texas



Phone 5-6645

HOW TO HAVE FUN ANYTIME

Whether it is that special date, shopping spree, or just a break. No occasion is complete without a visit to CLOVERLAKE.

Convenient too—Just a dash to the most delicious ice cream and tastiest snacks in town.

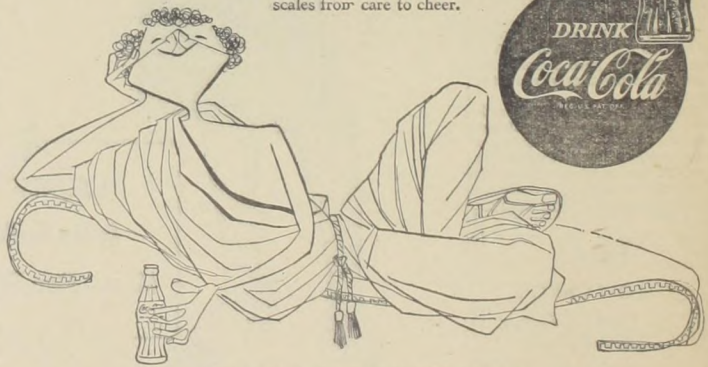
Follow the gang and have fun with us today while you enjoy your favorite order.

Cloverlake

1210 Ave. Q Ph. 5-8742

Dionysius Cato prescribed:
"Mingle your cares with pleasure now and then" *Disticha De Moribus*

Make that pleasure an ice-cold Coca-Cola and you'll tip the scales from care to cheer.



BOTTLED UNDER AUTHORITY OF THE COCA-COLA COMPANY BY
Coca-Cola Bottling Company, Lubbock, Texas

© 1952, THE COCA-COLA COMPANY

Friday, April 18, 1952
Tinclads Fro... for Regio...
There will be plenty of tou... to crack when the regio... stars begin competition... Class AA, A and B regio... and field meets here Sat... of Tech Stadium.
The man everybody will... is Joe Childers, Odessa... who tied last year... of last year's winners v... strong teams, but Amarillo... to be dethroned by Ode... AA. Pezos was champion in... year and Dimmitt is expect... repeat in B.
Childers has also done bet... the existing time the 2... 21.4 set by Goode... in 1950. He also r... on the Broncho 440-... team that threatens the 4... in that event. In the dist... the quarter won in 43.8... Walter Cooley, also a member... Ebocho team, may have... further than the 50-1/2 m... by Gross of Big Spring 1...
Dimmitt returns with one of... performing of last ye... personal Crum, who won the 1... high hurdles in 16.8 and... low hurdles in 24.5.
Class A looks like a free-for...

Meet Your Friends At Th...
CO-OP
COLLEGE AVE. DRUG
1331 College
COY VAUGHAN, Owner-Mgr

WOODS
WESTE...
Woodfin's
1209 College Ave.
1110 Ave. J
LUB...

ZALES
11-DIAMOND
designed by Paul
\$195
Theil your beloved... with Raynard's exquisite... 11-diamond bridal pair... with 33% MORE BRIL... LIANCE... according... to laboratory tests! See... at Zales today!

ZALES
1108 Broadway

Lineups From 50 Schools Vie for Region Honors Here

There will be plenty of tough records to crack when the regional track stars begin competition in the Class AA, A and B regional track and field meets here Saturday at Tech Stadium. About fifty schools will be here for the events in golf, tennis and track. The man everybody will be watching is Joe Childress, Odessa's rint star. He is expected to break an old 100-yard dash mark of 10 seconds which he tied last year. He has run the 100 faster several times this season.

All of last year's winners will be strong teams, but Amarillo is expected to be dethroned by Odessa AA. Pecos was champion in A last year and Dimmitt is expected to repeat in B. Childress has also done better than the existing time for the 220-yard dash, 21.4 set by Goode of an Angelo in 1950. He also runs for the Broncho 440-yard relay team that threatens the 44.2 cord in that event. In the district meet the quartet won in 43.8.

Walter Cooley, also a member of the Broncho team, may have the best 100-yard dash mark of 10 seconds in the 50-4 1/2 mark set by Gross of Big Spring last year. Dimmitt returns with one of its outstanding performers of last year, Raymond Crum, who won the 120-yard high hurdles in 16.8 and the 100-yard low hurdles in 24.5.

Class A looks like a free-for-all

with Andrews a slight favorite. But Jerry Trenery, Langford Sneed and Ray Burrus are expected to defend their Region Class A records. Trenery of Denver City set the broad jump record last year at 21 feet 6 1/2 inches. He bettered that record with a leap of 22 feet 1/2 inch at the District 5-A meet. Sneed, who holds the shot put record of 47 feet 11 1/2 inches, threw the iron ball 48 feet 3 inches in the District 4-A meet. Burrus holds the discus record with a throw of 146 feet 10 1/2 inches last year. Burrus hails from Canyon.

Many other records appear safe but could be beaten.

Sneed Hall Wins Intramural Crown

Sneed Hall became Dorm champs in intramural softball as the Dorm league concluded play.

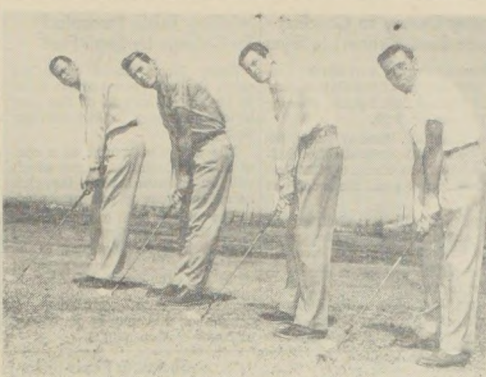
Final Standings

Sneed	5 wins 1 loss
Doak	4 wins 2 losses
Bledsoe	3 wins 3 losses
Gordon	0 wins 6 losses

Entries Requested In Girls Volleyball

All entries for the girls intramural volleyball tournament should be submitted to Joyce Davis or Beverly Noble by April 22.

The tournament has been won by BSU for the last two years, and should they take it again, they will



RED RAIDER LINKSTERS—Tech golfers were in Abilene Thursday where they met the Hardin-Simmons team at the Abilene Country Club. Members of the team, left to right, are Jerry Thornton, Joe Stoltz, Paul McCully and G. W. Warden.

H. Ray Burkhard, former assistant professor of animal husbandry and a wool specialist, is stationed at Reese air force base. He was recalled to active duty in May, 1951.

get to keep the trophy awarded the winning team.

Play will start April 26. Anyone wanting to form a team or join one should call Joyce at 2-5460 or Beverly at 3-2971.

Golfers Win Fourth Straight BC Match

New Mexico A&M was Tech's latest victim in golf, falling by 13 to 5 and 11 to 7 counts last week at Las Cruces.

Wade Walker's Red Raiders have won four consecutive matches from Border conference schools.

The Raiders tackled the defending Border conference champion Hardin-Simmons linksters in Abilene yesterday.

Tech's number one man is G. W. Warden of Levelland. Following him are Jerry Thornton of Fort Worth, Paul McCully of Fort Worth and Joe Stoltz of Hobbs, New Mexico.

She'll Love That SPECIAL CORSAGE

from MAC'S

Call Mac's for that individualy created corsage that carries with it the full measure of your affection. She'll wear it with pride because its from MAC'S.

MAC'S FLOWERS
809 College
Phone 23171

HALLMARK GIFT RIBBON AND GIFT PAPER

For your gift wrapping this year rely on HALLMARK

BOOK STORE
1305 College Ph. 2-1201

TALCO LAUNDRY

Save Your Clothes by INDIVIDUAL WASH SERVICE in by 8:30

Out the same day

LAUNDRY & CLEANING

2416 MAIN PH. 2-6244

Meet Your Friends At The CO-OP COLLEGE AVE. DRUG 1331 College COY VAUGHAN, Owner-Mgr.

WOODS SADDLES NOVELTIES WESTERN CLOTHING

Woodfin's Boot & Shoe Shop

1209 College Ave. 5-6327
1110 Ave. J Phone 3-4812

LUBBOCK, TEXAS

J. Paul Sheedy* Switched to Wildroot Cream-Oil Because He Flunked The Finger-Nail Test

SOMEBODY scented Sheedy this note: "You're a smell guy, Paul, but your hair's against you! That's why you've been getting skunked in the race for popularity. I wouldn't even touch you with a 10-foot pole cat! Better get Wildroot Cream-Oil. Everybody nose it's Your Hair's Best Friend." Non-alcoholic. Contains soothing Lanolin. Removes loose, ugly dandruff. Relieves annoying dryness. Grooms hair neatly and naturally all day long. Helps you pass the Finger-Nail Test. Paul got Wildroot Cream-Oil and now he's whiff a new gal every night! So put on your pin-stripe suit, head for any drug or toilet goods counter, and buy a bottle or tube of Wildroot Cream-Oil, America's biggest-smelling hair tonic. Ask for it on your hair at the barber shop, too. Then all the girls'll fall for you!

* of 13150 Harris Hill Rd., Williamsville, N.Y.
Wildroot Company, Inc., Buffalo 11, N. Y.

Ph. 5-8742

ZALES DIRECT IMPORT DIAMONDS

11-DIAMOND PAIR designed by Paul Raynard \$195

Thrill your beloved... with Raynard's exquisite 11-diamond bridal pair with 33% MORE BRILLIANCE... according to laboratory tests! See it at Zales today!

America's Largest DIAMOND Retailers

ZALES Jewelers

NO MONEY DOWN PAY \$4 WEEKLY

ORDER BY MAIL © Z. J. Co. Price Includes Federal Tax

1109 Broadway

Young Republicans To Hold First Meet

Techsians interested in the Republican party in Texas are asked to attend an organizational meeting of the Lubbock county Young Republicans at 7:30 p.m. Saturday in room 210 of the Lubbock hotel, Charles W. Stewart, state committee, said.

The meeting is open to all persons between 21 and 36 years of age, regardless of political party affiliation or interest, Stewart added.

Business of the evening will include an address by Stewart evaluating the faults of the nation and election of officers of the local chapter of the Young Republican federation.

Allan Bryan, associate minister of the Broadway Church of Christ, will give the invocation and M. D. Temple, party country chairman, will handle introductions.

Wakefield's Flowers
Phone 5-9814
2421 Broadway

Tommy Dorsey to Conduct Dance Band Concert in Gym

Tommy Dorsey and his orchestra will appear at the Gymnasium April 30, said Dan Pursell, director of Recreation hall.

Sentimental Tommy and his trombone will enthrall the audience with two concerts, the first beginning at 7 p.m., the second at 9:30.

Students will be admitted on their activity tickets and free passes to be obtained in the Rec hall.

The public will get a chance to dance to Tommy Dorsey's orchestra at Jamboree hall, Lubbock Municipal Airport at 9 p.m. April 29. Tickets to the dance are \$2.60

Writing Table Presented To College by Socii Frat

Socii, Men's social club has given the college a writing table to be placed outside of the post office, according to Bill Stevens, club president.

The gift was bought at a cost of \$100, including a plaque which will be inscribed with the club name and year it was presented.

The table is built in modernistic style. It is the first of several campus projects that are to be carried-out by the men's social clubs on the campus, Stevens stated.

per person and may be purchased at Radio station KFYO.

Tech Comptroller Attends Education Meet in Chicago

M. L. Pennington, Tech comptroller, is in Chicago representing Tech at the seventh annual conference on Higher Education.

Immediately following the closing of the conference on Sunday, Pennington will leave for a three-

day meeting of the Central Association of College and University Business offices in Columbus, Oh.

MASSEY'S CAFE
2422 14th Street

CITY CAB
Remember to dial
"5"-7474

REDDY KILOWATT



... Socialism Bears Bitter Fruit ...



SOUTHWESTERN PUBLIC SERVICE



CHESTERFIELD - LARGEST SELLING CIGARETTE IN AMERICA'S COLLEGES

AT OREGON

College Side Inn

We certify that Chesterfield is our largest selling cigarette by 2 to 1

SIGNED *John F. Alpine*
PROPRIETOR

NO UNPLEASANT AFTER TASTE

2 to 1

*because CHESTERFIELDS are much MILDER and give you the ADDED PROTECTION of NO UNPLEASANT AFTER-TASTE**

*FROM THE REPORT OF A WELL-KNOWN RESEARCH ORGANIZATION

For you! MILD

CHESTERFIELD CIGARETTES
LIGGETT & MYERS TOBACCO CO.

Copyright 1952, Liggett & Myers, Tobacco Co.