

Texas Tech Welcomes 37th Freshman Class



'You Can't Beat The Spirit of Texas Tech'

—POLK ROBISON

Fall Activity Calendar Offers Variety Of Campus Events

From watermelon busts to art festivals to talent shows, Texas Tech will offer a wide variety of entertainment for students this fall.

Activities began Sept. 2 with women's formal rush. Rushes entered dorms on Sept. 3 and bids were announced Sept. 9.

A watermelon bust will be presented by Sigma Alpha Epsilon social fraternity, as added entertainment for the weekend of the 16th.

Classes convene Sept. 18, followed by a student convocation Sept. 27 in which the President will address the student body and class officers will be elected.

Tech's Raiders will play Mississippi State at Jackson, Miss. in the first game of the season Sept. 23. Students will leave Sept. 30 for the school trip to Austin to attend the Longhorn game. First home game will be Oct. 7 when Tech will play Texas A&M.

Highlighting Dad's Day, Oct. 14, will be the TCU game. This will be a full weekend with the Fine Arts Festival beginning the 15th and running through the 21st.

The first Freshman Convocation will be Nov. 2.

One of the biggest events of the year will be the Homecoming, Nov. 4, when the Raiders meet Rice University.

Nov. 17 Alpha Phi Omega will present "Beauty and Beast." The busy month of November will be climaxed by the Thanksgiving holidays beginning the 22nd. Classes will resume Nov. 27.

Texas Tech is looking forward to another Southwest Conference victory in basketball this season.

Basketball season gets underway when Texas Tech is host to Colorado University Dec. 4. Tech will travel to Nashville Dec. 9 in order to meet Vanderbilt.

One of the biggest attractions in the month of December will be the annual Tech Talent Show held on December 8.

An all school Christmas party and dance in Tech Union Building will be held Dec. 15.

Final examinations will be January 13 through 20 and the spring semester will begin Jan. 23.

Fish Choose New Council

Freshmen experience first participation in class activities by dropping election ballots in red boxes. Candidates for the 1961 Freshman Council will start campaigns Sept. 14.

Qualifications require enrollment in at least 12 semester hours by any member of the current freshman class. Each candidate must maintain at least a one-point

grade average. Poster regulations limit each candidate to ten posters as the only campaign materials.

The Council will consist of one representative from each of the freshman residence halls and an equal number of students living off campus. Requirements call for a total of 30 representatives. The Student Council of the student association will count the secret ballots.



UNDER MIMOSA TREES, RED-TILE ROOFS AND THE TOWERS . . . the heart of Texas Tech's 2,000-acre main campus is the twin-towered Administration Bldg, where student affairs offices, the administrative wing and the School of Arts and Sciences are maintained. These two students are conversing outside the main entrance, facing north.

Congratulations . . . and WELCOME TO TEXAS TECH!

You worked hard, you planned carefully — and you made it! You're a College Student. Now you and your family are making one of the key investments of your whole life — an investment in time, in money, in talent that will finally determine your future. Let's take a look at one important part of that investment.

You have already discovered that going to college is a lot different from attending high school. For one thing, you're expected to shoulder a lot of new responsibilities. Where you live, what you eat, how you dress, how late you stay up at night, whether you study two hours or four — all of these are now up to you. You also have another important responsibility: you decide how you will spend your money.

For example, you must buy your own textbooks, reference books, and supplies. Chances are these necessary materials have always been furnished by your school. Or perhaps your parents "picked up the check." In either case, you are now expected to equip yourself with books and supplies for most of the courses you take. Maybe you've never really thought much about textbooks in the past. They were "just a part of school." In that case, you owe it to yourself, as a college student and a Bookstore customer, to give some thought to the purposes of these books and the reasons they are required on college campuses everywhere.

WHY TEXTBOOKS?

In a sense, textbooks are your "tools of the trade." A college student without a textbook is like a carpenter without a hammer or a surgeon without a scalpel. You'll find, for example, that your instructors will expect you to work on your own all through your college career. The lecture and the lab session are just the beginning; the student is expected to carry his own studies forward from here. The textbook is designed to help you do just this! For independent study, for the work you will be doing at your own study table or desk, the textbook is ideal. Having your own books will increase your efficiency, guide your efforts, suggest valuable references, and help you every step of the way to a successful college career.

ABOUT YOUR BOOKSTORE

The books you purchase will be, penny for penny, the best investment of your college years. Many of them will be the backbone of your future professional and personal libraries. Your BOOKSTORE, working closely with both the faculty and the publishers, is able to provide you with the essential textbooks and reference books you need while still keeping the profit-line at a minimum. Visit your BOOKSTORE often. You will find it a stimulating experience, one that can reward you with the key to your future success in college.



"OWNED AND OPERATED BY TEXAS TECHNOLOGICAL COLLEGE"

Registrar Predicts Record Enrollment

Texas Tech predicts a record enrollment of 9,000 to 10,000 this fall stated Dr. F. D. Boze, dean of admissions and registrar.

Reasons given for this increase, according to Dr. Boze, are the fact that more people are graduating from high school, a higher economy allows more people to attend college, and military obligation is delayed for those attending college unless a national emergency arises.

Growth and progress have been the watchwords of Tech. Since its establishment in 1925, Tech's enrollment has grown from 914 to a semester enrollment of 9,178. Even during the summer Tech continued to expand. Three hundred thirty-six students enrolled in Tech's first summer session. Total enrollment in the 1961 summer session was 4,127.

The teaching staff has grown from 46 to 508.

Property value has also grown. When the college opened in 1925 the value was estimated at \$1,424,000. This included the first units of the administration and home economics buildings, the textile engineering building, stock judging pavilion, dairy barn and president's residence.

Today Tech's property is valued at \$36,651,132. Over 1,844 acres are spread Tech's 175 buildings, 72 of which are considered permanent.

Tech's arts and sciences department expects about one-third of the total enrollment. Business administration will rank second in the number of enrollees with engineering, agriculture, and home economics following.

BUY TECH ADS

Girls Fall Campus Casuals

- Loafers
- Flats
- Oxfords
- U.S. Keds (gym shoe)



2422 Broadway at College



Speakers, Dances

Tech Union Readies Fall Entertainment

As part of orientation week for Texas Tech's entering freshmen, the Tech Union will conduct its open house Wednesday night, with freshmen receiving their first opportunity to join the Union committee activities.

Entertainment and refreshments will be provided the freshmen, while the 12 Union committees will have booths where the activities of each committee will be explained. Freshmen may sign up to be on the committees for the fall at the booths Wednesday night.

Friday night the all school dance will be presented by the Union from 8 to 12 p.m. Ray Sharpe will play for the dance, which will be at the Lubbock Municipal Coliseum.

Also Friday, the first "jam session" of the year will be presented in the Union snack bar area with Ray Sharpe.

The open house Wednesday night will be immediately after the parties presented by the Assn. of Women Students, Alpha Phi Omega and the Student Council. It will be from 8:30 to 10 p.m.

Music will be presented by the Four Teens.

Included in the 12 committees are groups for dances, movies, international interests, western dances, special events, building decorations, entertainment, exhibits, games and tournaments, dance decorations, hospitality and ideas and issues.

The committees for dances, movies, western dances, special events and entertainment arrange the various events through the year.

Union Plans Fall Events

Tech Union has many interesting activities planned for the coming year, including dances, festivals, regular tournaments and movies.

Sept. 13 Tech Union will hold open house for Tech freshmen. Ray Sharpe will play at the all-school dance Sept. 15 in the Municipal Coliseum. A western dance will take place Sept. 22 with Jimmy Mackey playing. "The Cruel Sea," first movie of the year, will be shown that night also. Students will sign up for table tennis tournaments Sept. 25-30.

Tech Union Forum will meet Oct. 5 to hear Vance Packard speak on "The Changing Character of American People." Packard is the author of three best sellers.

"The Golden Age of Comedy" will be shown Oct. 22-23. Homecoming dance will be Nov. 4 in the coliseum with Ralph Flannagin and his orchestra. The Fine Arts Festival will take place Nov. 5-11. Special movies, productions, and exhibits will be presented. Basil Rathbone will play at an after-games dance Dec. 2. On Dec. 20 "The Ad Libs" will play at the Christmas dance and all-school party.

Behind all these activities is the Program Council, consisting of newly elected officers for 1961-62. These people are: Don Roper, president; Evie Williams, vice president; Elaine Higginbotham, secretary; Carlyn Grau, treasurer; and Jack Shisler, director of public relations.

Groups for building and dance decorations are in charge of decorating the Union for the various entertainment events.

Art, machinery, photographs and antiques are among the exhibits brought to the Union by the committee in charge of special displays and exhibits.

The annual "Splash Party" in the spring, chess and bowling tournaments and other sports events are arranged by the committee on games and tournaments.

A hospitality committee welcomes visitors to Tech and to the Union and plans receptions for visitors, special events performers and organizations. It also hosts a spring fashion show and Union awards banquet.

A new committee for the Union, the ideas and issues committee will sponsor the Thursday night forum, featuring lectures and discussions by personalities, faculty members and students on topics of current interest.



RAY SHARPE—FEATURED PERFORMER FOR FIRST DANCE . . . the widely-known musician will perform for the all school dance Friday night in the Lubbock Municipal Coliseum. He will also play for a jam session Friday afternoon in the Union.

Art Teachers Author Book On Designing

Never in history have there been so many opportunities for man to be creative. Never have there been so many people interested in being creative and in appreciating creative works.

Capitalizing on this, two Texas Tech faculty members have written a new book to acquaint interested persons with the basic principles of design.

The authors are Ethel Jane Beitler and Dr. Bill C. Lockhart of the Tech applied arts department. The book is **Design for You**, published by John Wiley and Sons, New York.

The authors emphasize that creativity does not depend on basic principles alone.

An associate professor at Tech, Mrs. Beitler also has completed commissions for enamel-on-copper murals and for wall pieces in various media for homes and commercial buildings.

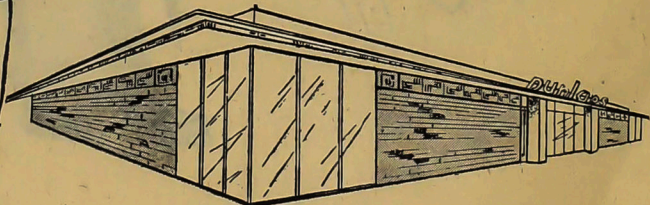
A designer and sculptor, Prof. Lockhart heads the Tech applied arts department. He has written numerous articles for art and art-education magazines and has contributed chapters to two National Art Education Assn. yearbooks.



where does the discerning freshman purchase a slime cap?

at **Dunlap's**

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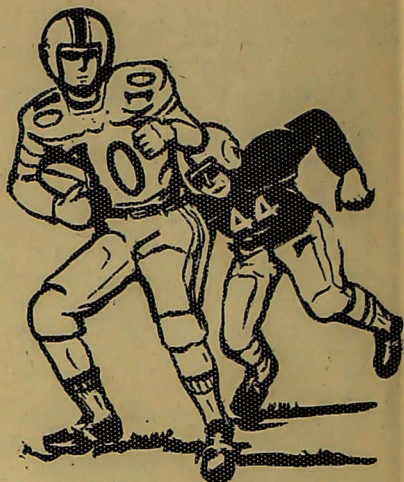
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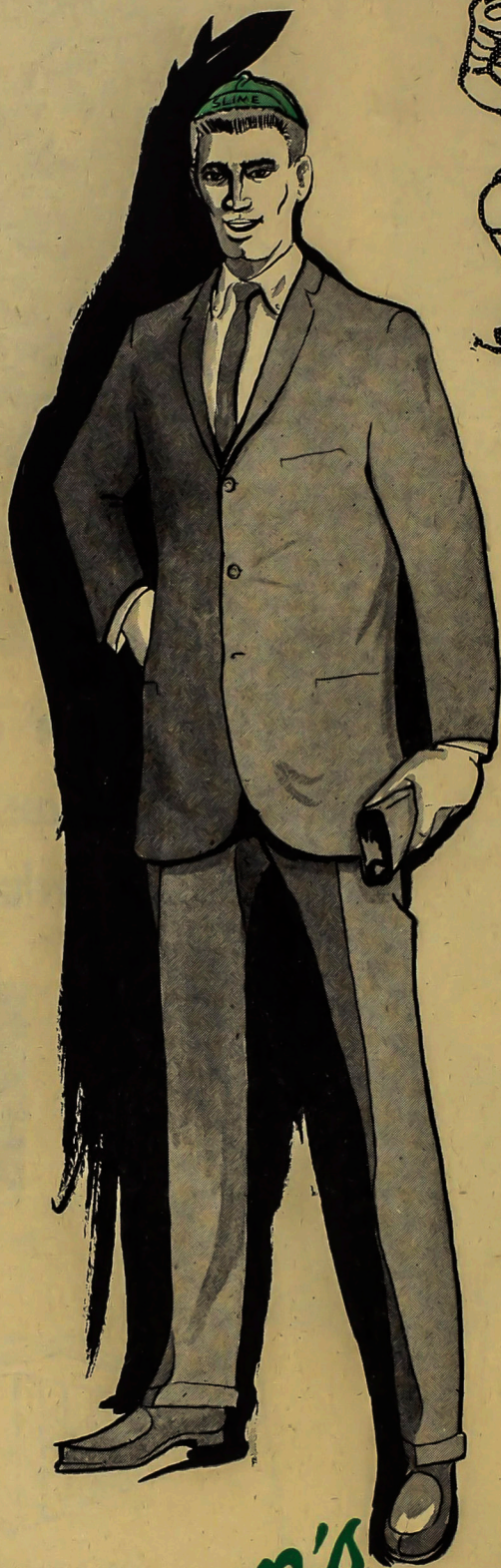
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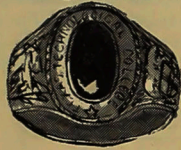
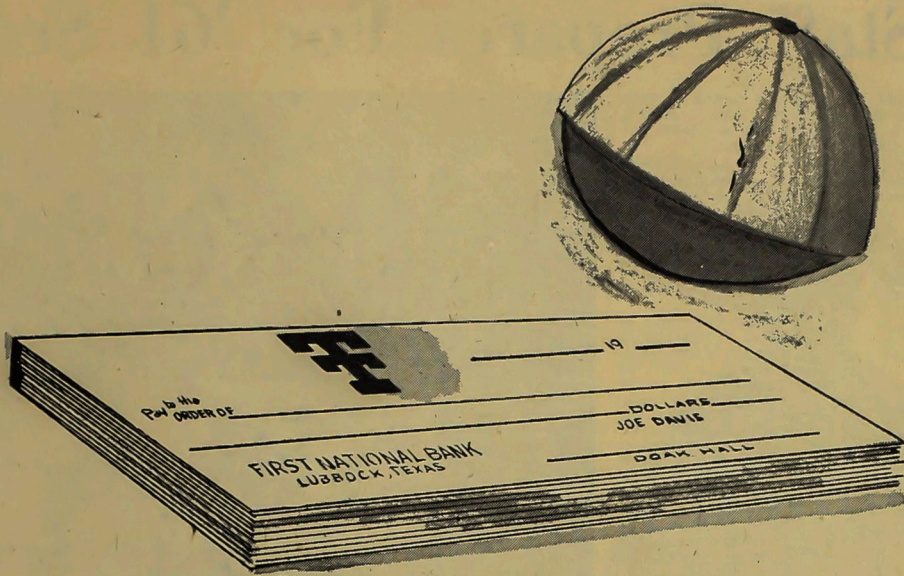


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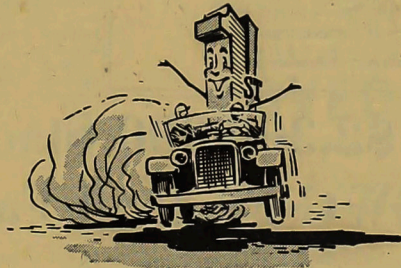
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New Staff Prepares For '61 Season

A new six-man coaching staff, with almost a century of football experience, will coordinate Red Raider gridiron activities this fall.

The new coaches taking office this year are J T King, head mentor, John Conley, Merrill Green, Berl Huffman, Matt Lair, and Willie Zapalac, assistants.

After the resignation of DeWitt Weaver as Tech athletic director and head football coach last year, Polk Robison was named to take over as athletic director. He promptly promoted King, an assistant coach at Tech for three seasons, to the job as head football coach.

Before coming to Tech in 1958, the Hamburg, Ark., native was an assistant coach at Tulane, Texas A&M, and University of Texas. Also, he worked with high school teams at Kenedy and at Enid, Okla., coaching them to numerous conference titles and several state championships.

Throughout his 22 years of coaching experience, this will be King's initial year as a head college football coach.

Upon assignment to his new post, King began hiring new assistants to aid him this season.

Conley has 12 years experience as a coach divided between Ellwood, Kans., and Snyder. In five years of service in Kansas, his teams posted an impressive 35-9-2 record to cop several championships.

A former Kansas State center and native of Mexia, Conley led Snyder High School to four championship titles.

Green was backfield coach for the Arkansas Razorbacks from

1958-60 before coming to Tech. Among his five years of coaching, he has also been at Wichita University and Missouri.

He played on national championship teams under Bud Wilkinson and was a standout in his home town teams from Chickasha, Okla.

Huffman, not a stranger to Tech and coaching, had held and was holding executive positions in New Mexico firms before returning here last year.

He joined the Tech staff in 1935 and helped to build up the athletic program to a high standard before leaving in 1947. The freshman football coach, varsity assistant, and head baseball mentor from Grapevine also has coached at White Deer, Lubbock, and University of New Mexico.

Lair was a Texas A&M assistant before coming to coach the Raiders. Among his 12 years of experience are stints at Selma, Ala., Louisville, Ky., and Montgomery, Ala., high schools, and the University of Kentucky. He hails from Paris, Ky.

Zapalac was also working at Texas A&M before answering the call to come to Tech. He has also coached at Tarleton State, Hillsboro High, and Arlington State in his 13 years of experience.

During his playing days in the 1940's, the Bellville High grad played in the Cotton Bowl, two shrine East-West games, two college All-Star-Pro games, and spent one year with the Pittsburgh Steelers.

Although the group is new as a unit, the experience they combine could be an important factor in the coming season.



RAIDERS' NEW LINEUP OF COACHES

... who will guide the Red Raiders in their second bid in the Southwest Conference. New head coach J T King kneels before assistants Matt Lair, John Conley, Willie Zapalac, Merrill Green and Berl Huffman.

Green Leaves of Wisdom

Gridders Will Display Talent

By CECIL GREEN

Although not rated by prognosticators as a serious contender for the 1961-62 Southwest Conference crown, Coach J T King's Red Raider grid squad still displays talent in both the defensive and offensive end of the game.

With 16 returning lettermen, six of which were starters, many sophomores from last year's outstanding Picador squad will bolster the line-up.

Returning starters include Jerry Elberts, end from Wellington; Larry Mullins, tackle from Snyder; Charles Edgemon, guard from Wichita Falls; Bake Turner, halfback from Alpine; Dick Polson, halfback from Amarillo; and Coolidge Hunt, fullback from Lubbock. Other lettermen are Richard Stafford, tackle from Matador;

Charles Harrison, center from Alpine; Dennis Grimes, center from Seagraves; Tommy Turner, center from Garland; Pat Holmes, tackle from Del Rio; Jerry Garrison, end from Levelland; Johnny Lovelace, quarterback from Farwell; Charles McEntire, halfback from McKinney; George Fraser, fullback from Llano; and C. W. Williams, fullback from McKinney.

Outstanding sophomores, based on their freshmen records should be David Parks, end from Abilene; Bill Worley, halfback from Midland; H. L. Daniels, fullback from Marshall; and David Rankin, halfback from Midland.

Tech's strong points include all phases of the kicking game, a potentially dangerous passing attack, and an adequate running threat. The line, averaging 198 pounds, just five pounds more than the backfield, will have its hands full holding off enemy tacklers.

A key player in the Raider attack is Turner who passes, receives, rushes, punts, and shines on defense. He has set school records in yards gained receiving and punting with a 39.6 average.

Another factor in the ground attack is Hunt, who led the SWC in rushing last year with a total of 527 yards, averaging 4.1 per carry.

Most assuredly the loss of twice All-American center E. J. Holub will be felt greatest in the line, as his presence added a great deal. Other big losses from last year's senior class were Don Waygood, end; Tommy Pace, tackle; Jere Don Mohon, guard; and Glen Amerson, quarterback.

Freshman football coach Berl Huffman has approximately 45 gridgers signed to letters of intent to play for the Picadors this fall.

Last year the freshmen squad dominated other teams by winning all four games on their schedule. Under SWC rules the team will play a regulation 5-game schedule this year.

"The coaching staff and I feel good about the recruiting for our freshman team," emphasizes Coach Huffman. "We think we have our share of the best and should be able to field a strong team."

The freshman schedule this year is tentatively set as follows:

- Oct. 13—Arkansas at Lubbock
- Oct. 20—Hardin-Simmons 'B' at Abilene

Nov. 4—Rice at Houston
Nov. 10—West Texas State 'B' at Lubbock

Nov. 17—North Texas State at Lubbock

Home games will be played in Jones Stadium. The above teams are all freshmen squads from the respective schools.

Cagers Boast Four Starters

Tech's basketball squad boasting four returning starters along with four other lettermen and four sophomores from last year's freshman team, shows signs of again capturing the Southwest Conference title.

The starters are Harold Hudgens, 6-10 senior from Ballinger; Del Ray Mounds, 5-10 senior from Perryton; Mac Percival, 6-4 senior from Vernon; and Roger Hennig, 6-4 senior from Mathis.

Also returning are Bobby Gindorf, 6-4 junior from Pampa; John Lemmons, 5-10 senior from Happy; Moe Mickey, 6-5 junior from Lockney; and Gilbert Varnell, 6-5 junior from Sewanee, Tenn.

Up from the freshman team are 6-3 Sid Wall from Dallas; 6-3 Mike Farley, Royal Ferguson, and Mike Gooden, all from Lubbock.

"It will be a difficult assignment to repeat as champions as a 'marked' team, but it is still the goal of all of the boys," commented Polk Robison, Tech athletic director, when asked about next year's basketball chances.

"It will be a tough battle, but we will have an interesting team and should be in the upper bracket," he said.

The Picadors, the freshman team, will be out to improve their last year's 5-7 record. Gene Gibby, freshman basketball coach, has six players signed to scholarships.

These are Harold Denney, 6-8, from Amarillo; Mac Cade, 6-9, from Hamlin; Kirby Pugh, 6-5, from Abilene; Glen Hallum, 6-5, from Brownwood; John Lofton, 6-2 from Tulla; and John Walling, from Waurika, Okla.

All freshmen interested in playing on the Picadors are urged by Gibson to attend the tryouts which will start Oct. 15.

1961 RED-RAIDER SCHEDULE

- Sept. 23—Mississippi State at Jackson, Miss., 8 p.m.
- Sept. 30—Texas at Austin, 7:30 p.m. (SWC)
- Oct. 7—Texas A&M at Lubbock, 7:30 p.m. (SWC)
- Oct 14—Texas Christian at Lubbock, 7:30 p.m. (SWC)
- Oct. 21—Baylor at Lubbock, 7:30 p.m. (SWC)
- Oct. 28—Southern Methodist at Dallas, 2 p.m. (SWC)
- Nov. 4—Rice at Lubbock; 2 p.m. (SWC) (HOMECOMING)
- Nov. 11—Boston College at Lubbock, 2 p.m.
- Nov. 25—Arkansas at Little Rock, 2 p.m. (SWC)
- Dec. 2—West Texas State at Lubbock, 2 p.m.

(SWC) denotes Southwest Conference games

Massive \$2,300,000 Stadium Greets SWC Football Fans

Texas Tech officials preparing Tech for its new role in Southwest Conference participation, unveiled a new 40,000 seat Jones Stadium, considered by many to be one of the best in the conference.

The price tag for the new physical plant was high — \$2,300,000, but most SWC fans are happy because it can seat the huge crowds which follow Raider football.

Five thousand tons of concrete and steel were moved about two hundred feet to the east. Three hundred, thirty-five thousand cubic yards of earth were cleared in order to make a bowl below ground level. A press box and enclosed seats were erected after the 1959 season. The athletic office and dressing room were added before the 1960 season.

Twelve light poles at a cost of \$10,500 each and 576 fifteen hundred-watt light bulbs make Jones Stadium the best-lighted stadium in the conference.

In the pressbox are all the necessary facilities for full radio, television and newspaper coverage. Phones on the sidelines are used by coaches to consult scouts in the pressbox. Under the pressbox are 50 enclosed seats.

The athletic office is headed by Jimmie Wilson. He has served Tech for 13 years in the position of business manager of athletics.

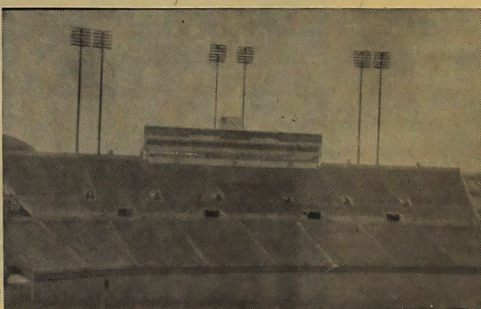
Out of the entire operation's cost, \$1,200,000 still remains to be paid back. According to Mr. Wilson the balance should be paid in 15 years.

The stadium is operated on a

budget of about \$700,000 a year.

Seat options, along with regular revenue brought in from ticket sales, are important sources of money used to pay off the stadium debt.

A part of the matriculation fee paid by the student on his arrival at Tech allows him to see all varsity and one freshman game.

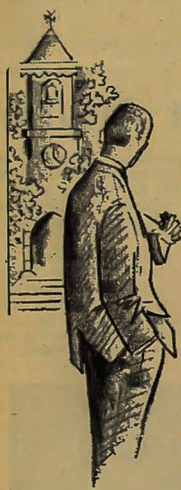


READY FOR TECH'S SECOND SWC SEASON

... is the expanded Jones Stadium, completed last year with a sunken playing field, new press box and athletic offices.



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14 Buses To Austin

Fall Grid Trip Set For Longhorn Game

At the early hour of 6 a.m. Saturday, Sept. 30, a caravan consisting of approximately 14 buses will leave the Texas Tech campus for Austin.

The bus will leave Austin at 1 a.m. which will enable the students to be back in Lubbock early Sunday morning.

The Student Assn. can provide seats for both couples and groups. Any transportation needed in Austin will be provided by the bus company with a police escort.

The first stop on the trip's schedule will be Brownwood where barbeque will be prepared in advance and awaiting the arrival of the students.

Upon arrival in Austin the first event is a pep rally sponsored by the ex-students of Texas Tech. The

Red Raider Band will be present at both the pep rally and game. Immediately following the pep rally a reception will be held at the Stephen F. Austin Hotel for the Tech students.

About two hours before the game will be considered free time for the students to use as they please.

Tickets for the trip will be on sale in registration lines this week by members of the Student Council and may also be obtained in the Student Council office in the west wing, first floor, of the Administration Bldg.

Information on the trip may be obtained from Wayne Underwood, Student Assn. vice president, in the Student Council office this week.



ALL HANDS PILE ABOARD

... for the Austin gridiron battle between the Red Raiders and the Longhorns of Texas. Fourteen buses will make the trip.

'Tramps' Help Raise Spirit

The Saddle Tramps, with red shirts carrying black letters, are one of several organizations which boast the Red Raiders at football and basketball games.

A men's spirit-raising organization, the group was founded in 1936. With 90 members presently, the Saddle Tramps have rush parties in December and May.

Any male student with 30 hours is eligible to pledge.

The Saddle Tramps help with Homecoming, sponsor Red Raider Day and the card sections for football games.

BUY
1961
LA
VENTANA

Deans Work With Student Affairs

Problems are their speciality and they welcome them all.

With offices in the west wing of the Ad. Bldg. open every day, the deans of men and women try to help students solve problems from where to live, who to see about what to questions about sororities and fraternities and any other thing that comes to mind.

Dean Lew Jones is in charge of the housing for men and counsels with those living off campus. As

dean of men, he also works with the parking situation on campus and disciplinary problems.

The supervisors of the residence halls, who come under his office, handle questions arising in the halls. Robert J. Hilliard, assistant dean of men, coordinates the men's residence halls.

Dr. Florence Phillips, dean of women, coordinates women's activities on the campus. Mrs. Dorothy Garner, assistant dean of wom-

en, is in charge of housing for women. In this office also comes Panhellenic and the Association of Women Students. Miss Maryanne Reid rounds out the dean of women's staff.

"We urge all freshmen and transfers to talk with their legislators," Dean Garner said explaining the set up of the residence halls. The legislators in each wing of the hall will be happy to discuss and answer questions or problems."



Welcome COEDS!

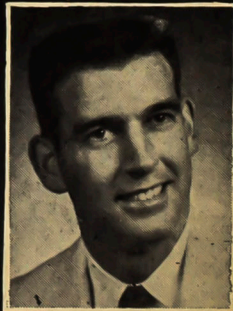
For beauty that lasts and lasts let us style for you a fresh look for campus that swishes easily into a more sophisticated style for dances. Our operators are expert and delighted to serve you

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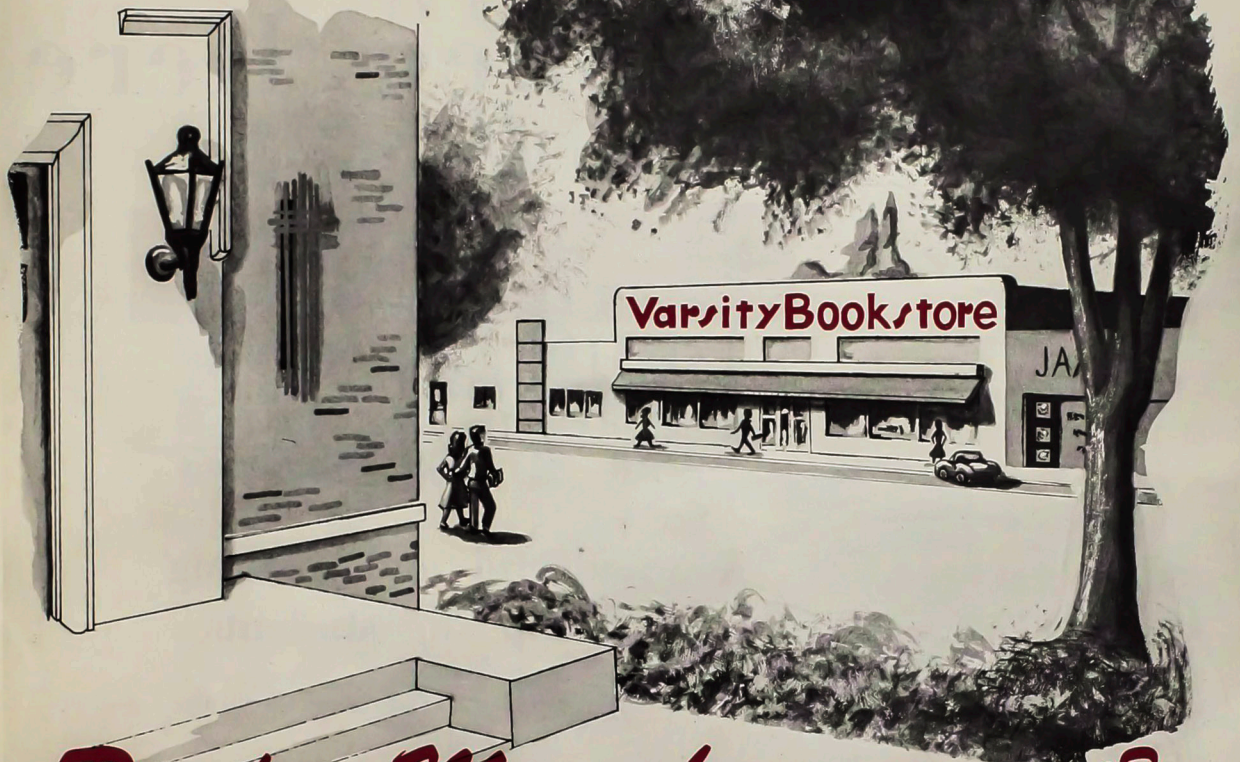
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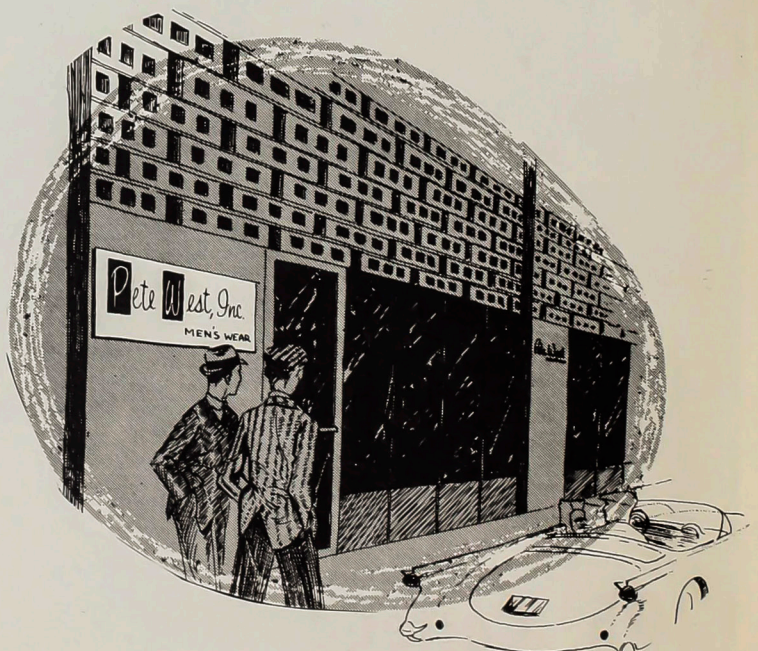
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The tremendous surge of acceptance for slim "natural" lines in young men's clothing proves the need and worth of this kind of clothing. Pete West is proud to bring you a complete selection of authentic, traditional clothing. This clothing is a "must" on any major campus in America today — it is an important trend for any discriminating man. Happily, too, good taste is not expensive. Come in and see for yourself.

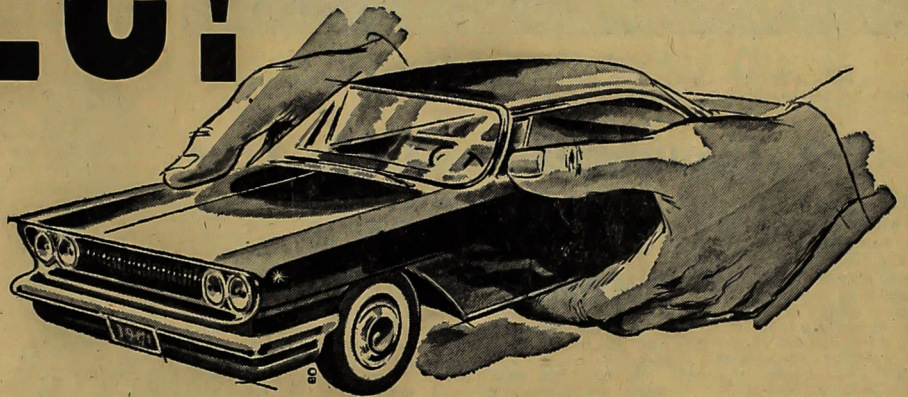
The Carriage Shop is located on the mezzanine of Pete West, Inc.



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★ FRESHMAN — For years thousands of Techsans have known that TLC means TENDER LOVING CARE at Ben Sharpley Mobil Service Station. Start the semester off right by putting your car in good hands at . . .

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Mobil Service Station

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P.S.—Ben is an Ex-Techsan



New Library, Union Addition



SOON TO TOP TECH'S SKYLINE

... is the new \$2 million Library under construction west of the Tech Union. Originally scheduled for completion this fall, the building will be completed sometime in 1962.

New Library, Union

\$9 Million Is Cost Of Tech Growth

Texas Tech is now engaged in one of the largest expansion programs in the history of the college. Cost of the program is some \$9 million.

An important addition to the campus is the \$2 million library located west of the present Tech Union.

Although only a portion of the building is being prepared now, the final structure will be more than triple the size of the present library. All space will be devoted entirely to library facilities, eliminating the offices which appeared in the old building.

The expansion of Jones Stadium two years ago from 27,000 to 41,500 seats attracted national attention. The giant east stands were moved back 220 feet by railroad tracks. The expansion cost totaled \$2.3 million.

An addition to the Tech Union which will more than double its size is now under way. Featured in the new structure will be a ballroom, cafeteria, kitchen, second floor lounge space, offices, additional meeting rooms and a game area in the basement.

The new addition will cost approximately \$1 million.

Conveniently located, the new Women's Gym is situated southwest of Knapp Hall. The new \$300,000 gym boasts a dance floor, basketball court, three volley ball courts, six badminton courts and a spacious basement designed for use during bad weather.

The new Architecture-Computer Bldg., located north of the West Engineering Bldg., houses the architecture department and a computer-data processing center. Included in the facilities are laboratories, lecture rooms, offices,

storage space, a library-reading room, and an open entrance court.

Recently completed or nearing completion are the Mechanical Engineering Bldg. which will be strictly a shop building for the mechanical engineering equipment; the Chemical Engineering-Nuclear Reactor Bldg. which will house the chemical engineering department that has recently separated from the chemistry department; and the Meats Lab which consists of a miniature processing plant for instruction only.

Under construction or still in the planning stages are the Dairy Plant, animal and poultry facilities, and additions to the Science and Speech Buildings.

The expansion program is financed by the constitutional building amendment voted by the people of Texas in 1947 and amended in 1956. A five-cent ad valorem tax provides funds for this program which finances all buildings except the stadium and Tech Union.

Also recently completed and opened are the Agricultural Plant Sciences Bldg., a new Tech Press Bldg., and the Physical Plant Facilities Bldg.

Greek Groups Mark Ninth Year

If it's social life and togetherness you want, then look to Tech's 23 Greek letter groups.

With the Board of Directors' approval nine years ago, the campus social clubs began the process of getting national acceptance. This fall marks the presence of 11 social fraternities and 11 sororities on campus and a record of achievement, according to James G. Allen, dean of student life.

"Tech supports one of the best fraternity and sorority programs in the country," Allen said.

"Through them a student is offered opportunity for worthwhile achievement and development."

The Greek organizations fall into the 155 clubs and activities that come under the jurisdiction of the Dean of Student Life's office. Hershel Potts, assistant dean of student life, works most closely with the fraternities and sororities.

The goals put forth by the Greeks are to help members adjust to college life by stressing individual growth and development. They foster loyalty to the college,

develop leadership by encouraging participation in college activities and give guidance and help in formation of personal standards.

In the realm of extra curricular and intramural events the groups encourage planning and participating. Members help with local activities as the heart fund, orphans' home and various community projects.

Students must have completed one semester at Tech, carry a minimum load of nine hours during pledgship and maintain a 1.0 grade average.

Lamb, Holden Study Foods Of Southwest

Spanish conquerors brought the milk, but it took the Indians to add asaderos, "little cheeses," to the list of colorful and tasty foods in the Southwest.

Dr. Mina Lamb, head of the food and nutrition department of Texas Tech's School of Home Economics, and Mrs. Gladys Keen Holden, assistant professor of food and nutrition, have traced some of the history of the tortilla-shaped cheese that has a flavor similar to well-drained cottage cheese.

The asaderos study is in connection with a broader project on the history of food in the Southwest. Publication of the three-part report is pending.

Many Anglo-Americans are familiar with the cheese which is heated with chopped, peeled green chili peppers and served with beans and tortillas. It is sold commercially in at least one area of Texas by a woman living just across the border in Mexico.

"One of the most interesting factors is that a vegetable coagulant comparable to rennin is used in making the cheese," Dr. Lamb says. Usually the secretion from the stomach of a young animal is necessary to make milk coagulate.

Evidently, it was an accident that the Indians found the extract from the yellow, cherry-shaped berry produced by the grey-foliated whiteweed could be used to cause coagulation. No animals are known to eat the plant which grows in alkaline soil. It is considered a poisonous weed by many.

"Use of the whiteweed berry extract as a coagulant shows blending of the Indian and Spanish cultures," says Mrs. Holden. "If the Spanish had not explored the area and brought cattle with them, the Indians would not have had milk with which to make the cheese. The Spanish never did much cooking themselves."

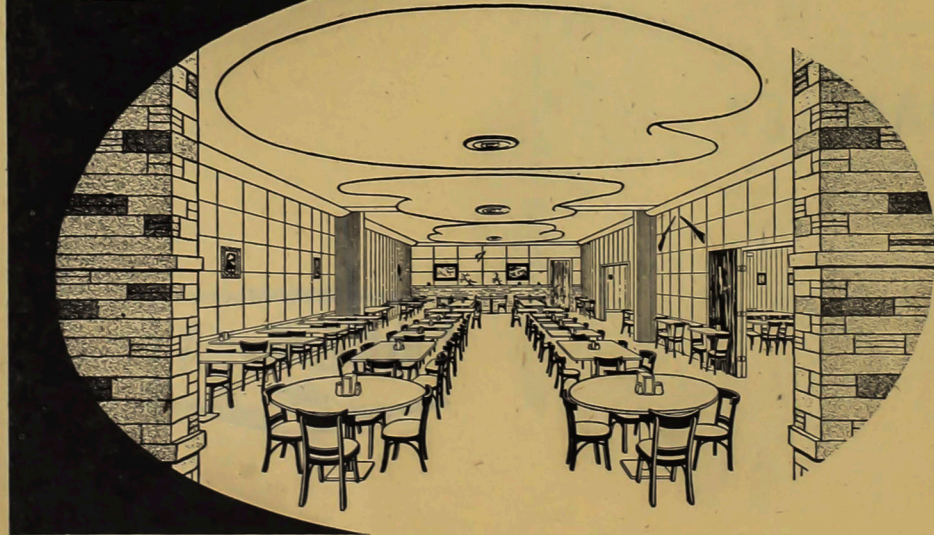
"However," Dr. Lamb warns, "care must be taken to keep the vegetable coagulant from tasting bitter. The method of purification needed to produce solanin, the chemically pure enzyme from the whiteweed berry, has made the commercial production impractical so far."

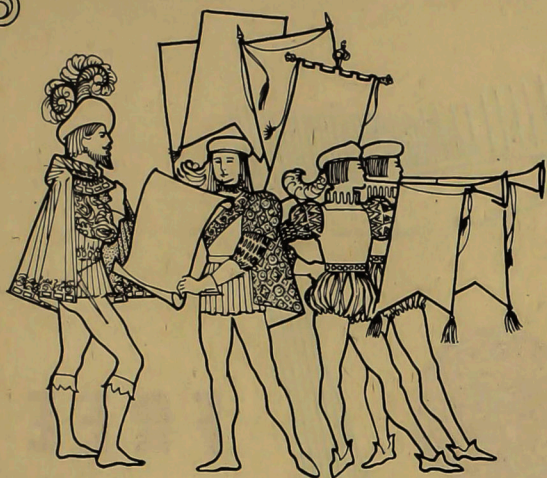
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Informal Life

Dorms Present Fun, Problems

The college residence hall is a "home away from home" for freshman girls. In its informal atmosphere, they find companionship and a sense of belonging.

It is unfortunate that everyone cannot stay at least one year in a college residence hall. Alarm clocks ringing, roommates rushing to take showers, screaming for someone to bring the towel they forgot, and girls staring goggle-eyed at the maze of curlers, bobby-pins, cleansing cream, and mud packs each wears are all parts of the hilarious confusion known as "togetherness."

Naturally there are displeasing aspects as well, and the young

coed away from home for the first time may become discouraged and homesick, but these experiences will be valuable in the future.

Haroldine Reynolds, a freshman, spent the summer session in Horn Hall. In her short experience she has encountered many of the same problems confronting students entering in the fall. She lists lack of space and privacy as the main drawbacks to living in the dorm.

Concerning that ever-present roommate discussion, she adds this advice:

"You have to adjust to each other's personality and learn the art of give-and-take. One person shouldn't give in all the time, any

more than the other should make all the decisions."

Pam White, a junior, believes that dorm life has many advantages over living off campus. The convenience of the library and museum as well as the department buildings being within walking distance is of real value to the students.

The personal benefit a student gains from meeting new people and making new friends is of immeasurable worth. Pam agrees that attempting to understand and cope with so many different personalities is difficult, for, as she says,

"Tech has every type — from cowgirls to debutantes!"

Masked Rider Leads Raiders Onto Gridiron

Before Texas Tech football games, both at home and on the road, a masked rider, with flowing scarlet and black cape, circles the playing area on a black horse and leads the Raiders onto the field.

During 1953, Joe Kirk Fulton, the first Red Raider, and other groups of students, realizing the need for a live "mascot" to carry out the name of the school teams, created the Red Raider as he is known today.

At first the Red Raider had to furnish all his own regalia.

Now, the Department of Animal Husbandry furnishes the horse and selects an outstanding student

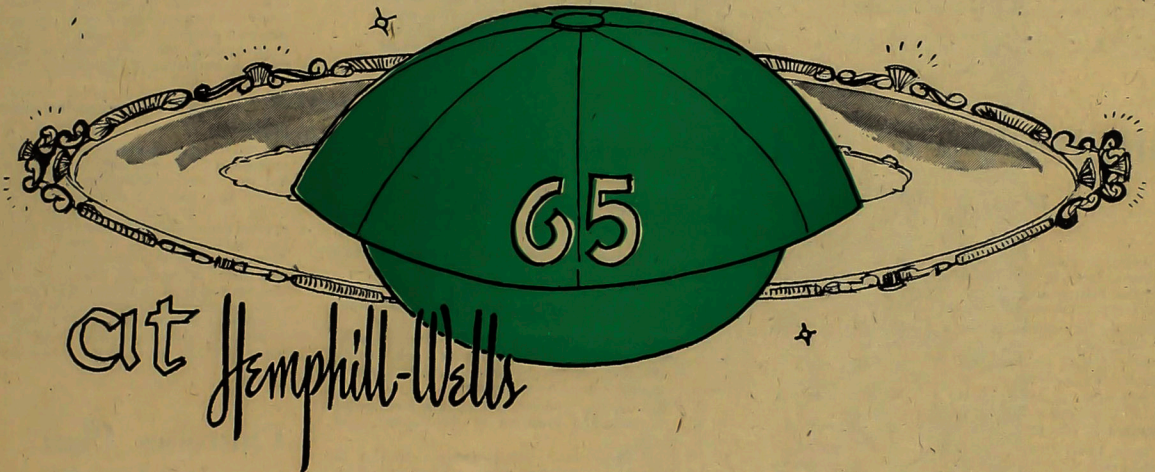
from that department as rider, while the school donates the uniform and saddle through the athletic department.

All the equipment the Red Raider uses—red satin pants and shirt, two capes, the black hat and mask, the saddle with the silver trim, and the trailer to transport the horse—totals about \$2,500, reports Folk Robison, Tech athletic director and prominent authority on the Red Raider.

Since the first Red Raider, there have been but four others. These were Jim Cloyd, Donald Hollar and Hud Rhea. Kally Waggoner is

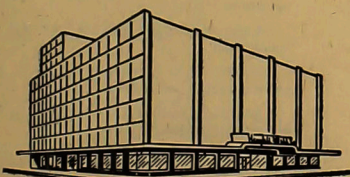
the present Red Raider.

Silver Platter Service

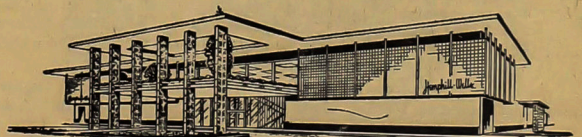


Today the entire staff of HEMPHILL-WELLS (both downtown and Monterey) is at your service. Your green Freshman Cap, traditional to Tech at this time of year, is ready and waiting for you. The price is 1.00. ALL of which is returned to the college as student loan funds and Red Raider Club funds... also, while you're in the store, you may letter and paint your caps.... May we wish you lots of success in your college life and may we extend to you our many other services, such as...

- Gift wrapping • Post Office substitution • Personal shopper for suggestions and advice • downtown parking building • and above all our beautiful tea rooms (Rondeley Room, downtown... Gold Room at Monterey)....
- Make a date to meet your friends at the tea rooms.... drop by and visit with us anytime.



Downtown — 13th and Ave J



Monterey Shopping Center — 50th and Flint

And This Is TEXAS TECH . . .

A wide, green expanse of lawns broken by red-topped brown-bricked buildings with a flair of Spanish America . . .

A bonfire blazing in a pit surrounded by tiled figures in a huge circle on the ground and surrounded by human figures—hundreds of students—chanting with a gusto heard for miles . . .

Couples arriving in black tuxedos and sweeping formal for a fraternity dance . . .

The smoke-filled lobby of the Tech Union, packed with humanity and the continuous crescendo of voices . . .

These are the sights and sounds that are part of Texas Tech.

There are more, and as the green-topped freshman, wary of his new life, begins the trek through the four years, he will come upon thousands more sometimes fleeting, oft-times never-to-be-forgotten impressions that will be a part of his "college years."

Classes sometimes packed to the brim with students . . . professors with their uncanny knowledge of whatever subject they are teaching and their individualistic peculiarities in teaching it . . . bull sessions in the dorm rooms at 2 a.m. on—you name it . . . the dates to the football games on Saturday afternoons . . . the quiet walks across the campus between sweeps of chrysanthemums and petunias, resplendent in red or white or gold . . .

Changing through the years since 1925, when only 914 students enrolled for the first year of the

college's life, to 1960, when more than 9,000 enrolled, and 1961, with near 10,000 expected, the sights and sounds of Texas Tech—though never quite the same—have yet had a hue and ring authentic only to the lazy green lawns, red-tiled roofs and archways which have been the trademark of Texas Tech.

"There are many Techs, but only one Texas Tech," one high college official has said.

Individualism too is part of the sights and sounds of Texas Tech and the Texas Tech which is of its own brand, and of no other, is best characterized by those some 20,000 students through the years.

In the words of the President, Harvard graduate (Ph.D.) and longtime faculty member, Dr. R. C. Goodwin, Texas Tech's students are more candid, more frank because of a "little bit of the old west individualism still retained out here."

The view of Texas Tech's students toward college traditions has been typically individualistic: "Do we need a tradition? Let's start one."

And Texas Tech has matched stride for stride through those more than 35 years the growth of higher education in Texas and the nation.

Growing from a spindly West Texas college of less than a thousand students and a plant valued at just over \$1 million to a huge, sprawling plant valued at more than \$40 million, with a student body of near 10,000 and offering an educational

program among the best in the Southwest—all has taken only 37 years for Texas Tech.

In the words of her highly-respected dean of men, Lew Jones, quoted in the La Ventana . . .

"We're growing up. Tech is becoming more sophisticated. You can see it everywhere, in the popular modes of dressing . . . in the students' interests."

Operating on a university level, Texas Tech has already awarded more than 60 doctorate degrees in seven areas of study, in addition to more than 2,500 masters degrees and more than 20,000 bachelors degrees.

Study has already begun on the feasibility of establishing a school of medicine at Texas Tech.

And an intensive two-year self-study is underway aimed at determining what Texas Tech is now and what it must work to become, in line with its place as a leader of higher education in the Southwest.

What does the future hold for Texas Tech?

Again in the words of her President, Dr. R. C. Goodwin:

"And we have a job to do. We must more definitely determine the place this College should occupy in the system of higher education in Texas and then, with the aid of the many friends of the College, we must achieve that position—and certainly this position cannot be a mediocre one. The sons and daughters who come to Tech, as well as their parents, have every right to expect educational opportunities of high quality. That must be our goal."

And what is the place of the student in that growth?

"In the American concept, a college must have students. Our student body is growing not only in size but in maturity. Although we expect them to be but boys and girls in some ways, it is encouraging to note that our students are assuming greater responsibility in their own government, in their publications, and in student life in general. Though some of this may be due to the more serious nature of the times, I believe it is also due to the realization on their part that they have a definite contribution to make in the advancement of a college. I further believe that if this realization is properly encouraged, no group will respond more readily to the challenge facing us."

OPERATION ORIENTATION WEEK

Parties To Tests, It's Quite A Week

Several thousand freshmen students are getting their first introduction to Texas Tech this week as preliminary orientation sessions acquaint them with Texas' second largest state supported school of higher education.

Starting the weeks activities is the freshman assembly and testing periods for entering freshmen Monday.

Each night of the week will be devoted to special activities for the freshmen.

Orientation in residence hall life is Monday night's topic, with discussion meetings planned for each of the residence halls. The meetings will be in the hall lounges.

"Meet Texas Tech Personalities" night Tuesday will introduce new students to some of the student and college leaders whom they will need to know in the coming four years. The program will be at 7:30 p.m. in the Lubbock Municipal Auditorium.

At that time, Dr. W. M. Pearce, academic vice president, will welcome the freshmen for the college.

Big-Little Sister Party Wednesday night, sponsored by the Assn. of Women Students, will bring together freshmen coeds and advanced women students.

At the same time, the Student Council will provide a Stag Party for all freshmen men.

Also Wednesday night, the Tech Union will stage an open house and party for the freshmen.

The traditional "all-church night" is set for Thursday

night, with churches throughout the city hosting freshmen for special programs.

The Red Raider spirit will be thrust upon the new "fish" Friday night in a special pep rally at the Southwest Conference Circle.

In addition to the first assembly of freshmen Monday morning, new students will also gather at 8 a.m. Tuesday for a second assembly, where final instructions will be given on the week's orientation program.

Welcomes will be extended at that time from college officials and from the president of the Student Assn., Carlyle Smith.

Also Tuesday, freshmen will assembly at 10:30 in the Lubbock Municipal Auditorium, where explanations of student organizations, health services, the testing service, student employment services and student loans will be given.

Wednesday at 8 a.m. a student traffic meeting will take place on the Ad. Bldg. green, with discussion of regulations on campus traffic and parking.

Students will receive advisement on curricula beginning Tuesday morning in their respective schools.

Freshmen interested in campaigning for positions on the Freshmen Council must take out petitions after Sept. 12 and before 12 noon, Sept. 20, in the Student Council office.

Freshmen elections will be Sept. 22 and Oct. 4.

Churches Plan Special Events

Thursday, Sept. 14

Lubbock churches participating in the All-Church night activities and their programs are:

Asbury Methodist Church, 2005 Ave. T, open house, 7:30

Christian Science Organization, Anniversary Rm., Tech Union, informal reception, 7:30

Christian Student Center, 2318-13th St., open house, 7:30

Church of Christ Bible Chair, 2406 Broadway, devotional, refreshments and entertainment, 6:30

College Ave. Baptist Church, 2420 10th, 7:00

Congregation Shaareth Israel, 1706 23rd, reception, 8:00

First Assembly of God Church, 3111-43rd, Mexican supper, 7:30

First Baptist Church, 2201 Broadway, chuck wagon supper, 6:30

First Cumberland Presbyterian Church, 910 Ave. O, informal fellowship party, 7:30

First Methodist Church, 1411 Broadway, refreshments, entertainment and information, 7:30

First Nazarene Church, 4510 Ave. Q, informal reception, 7:30

Lutheran Student Center, 1508 Ave. X, open house, 7:30

Presbyterian University Center, 2412-13th, get-acquainted party, 7:30

St. John's Methodist Church, 15th and College, get-acquainted party, 7:30

St. Paul's Episcopal Church, 2407 16th, open house, 7:00

Second Baptist Church, 53rd and Elgin, variety show, 7:30

Trinity Baptist, 2701 34th, Italian dinner, movie and skits, 7:00.

A Full Schedule Lies Ahead . . .

A general schedule for orientation week activities is as follows:

MONDAY

- 8 a.m. Freshmen assembly—Ad. Bldg. green
- 8:45-12 Freshmen tests given by respective schools: Agriculture—Aggie Auditorium Arts & Sciences—Ad. Bldg. green Business Administration—Union ballroom Engineering—Men's Gym Home Economics—Home Economics Bldg. 105, 106
- 1:30-3:30 Tests continue
- 3 Conferences for students interested in music programs in the Music Bldg.
- 4-5 Placement tests in French, Latin and Spanish; French—Ad. 217; Latin—Ad. 225; Spanish—Ad. 219
- 7 Orientation in residence hall programs

TUESDAY

- 7:45-9:45 a.m. Advanced standing exams in Chemistry, C 101
- 8 Freshmen assembly—Ad. Bldg. green
- 8:30-10:30 Speech testing—Speech Auditorium
- 8:45-10:30 Academic advisement in respective schools
- 10-12:30 Advanced standing tests in Algebra—Textile 108

- 10:30-12 noon Freshmen Assembly—Lubbock Municipal Auditorium

- 1:30-5 Academic advisement continued
- 1:30-4 Advanced standing test in trigonometry, Textile 108

- 7:30 "Meet Texas Tech Personalities"—Lubbock Municipal Auditorium

WEDNESDAY

- 8-8:30 a.m. Student traffic meeting—Ad. Bldg. green
- 8:30-10:30 Advanced standing test in English—C&O 122
- 8:30-5 Academic advisement continued
- 1-5 Registration
- 7 Big-Little Sister Party for freshmen coeds Stag Party for freshmen men
- 8:30 Tech Union Open House

THURSDAY

- 8 a.m.-5 p.m. Registration
- 7-10 p.m. All-Church Night

FRIDAY

- 8-12 Registration
- 7:30 p.m. Pep Rally—Southwest Conference Circle

SATURDAY

- 8-11 a.m. Registration

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Counseling Aids Choice Of Courses

Choosing a course of study which best utilizes all of a student's ability and interest can mean a great deal toward the success of his college years.

For this reason several hundred Tech students call upon the professional aid of the Testing and Counseling Center every year for information to help them in choosing the right major according to their personal abilities.

The center, located behind the Home Economics building, consists of nine trained doctors and officials to help the students who wish advice and testing. The staff is headed by Dr. James E. Kuntz, director of the center since 1957.

Aptitude, personality, I. Q., and other characteristics are combined in the new process to determine which field he or she is best suited for.

Testing for a total of 10 or 12 hours is needed to reveal a student's academic and mental abilities. Time for counseling and receiving background information is also included in the course to assure a proper decision.

Choosing a college subject is no longer a gamble. The average estimate for two long terms is for a student, \$1,550, and for the tax payer, \$613. The center's helping 200 students choose the right course for a major, saves one year's wasted work, as well as sparing the students \$310,000 and the taxpayers \$122,600.

Improvements for the future include a new building and better counseling and testing facilities. A new occupational literature reading room is also planned.

Students seeking aid in making a secure decision about choosing a major subject may consult the Testing and Counseling Center for an appointment.

The fee is \$12. Phase One of the test is the sizing-up phase. It determines a student's general as well as specific aptitudes. The purpose of Phase One is to help the student see what sort of a person he is, what his needs and weaknesses are, and where his strengths lie, and sum up what he wants out of life.

Phase Two attempts to select seemingly suitable occupations and majors or academic programs which would lead to those fields.

By properly executing the examinations and getting the most out of his interviews a student can find the "best-fitting" plan for his personal education and occupation.

AWS Prepares Hall Rules

Dormitory policies and regulations are set up by the Association of Women Students. Each woman is expected to comply with these regulations.

Each residence hall has a counselor and a trained student staff composed of the student body.

The W.R.C. is composed of two representatives from each hall. These students plan various types of activities including socials for the students and faculty. They also establish some of the regulations such as quiet hours.

A scholarship is given to both upper and lower classmen from each hall. Also a special dinner is given to the students with 2.5 averages.

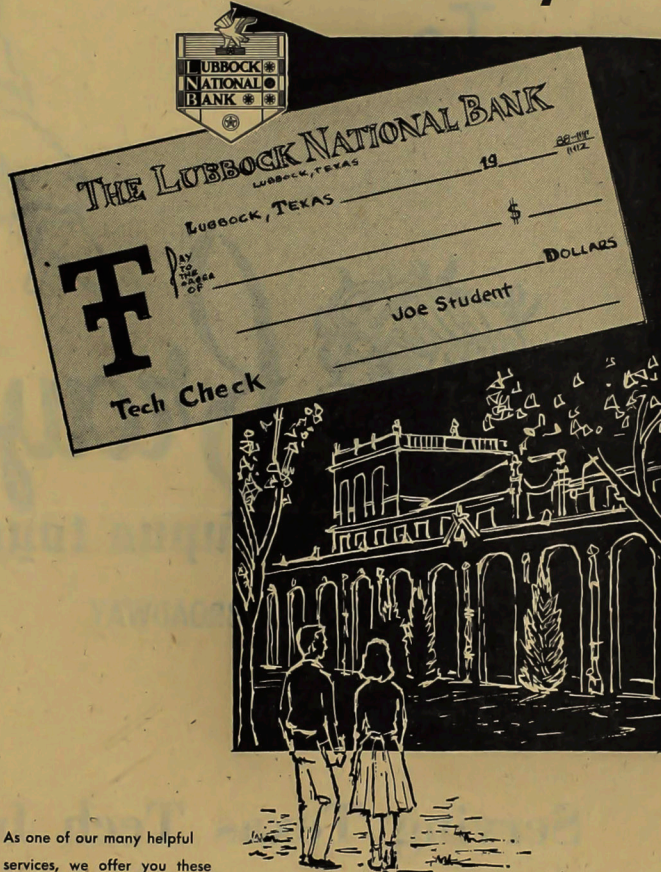
Mixers and an intermural program is part of the entertainment on campus.

Tech has a special religious program as well as devotional services once a week.

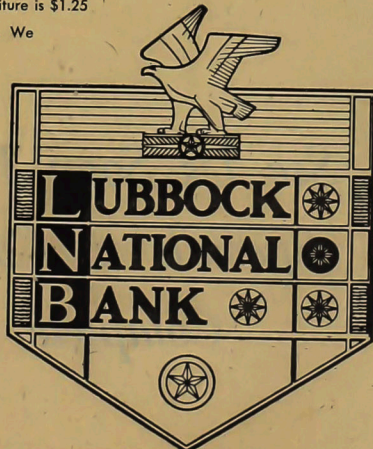
Hi Freshmen

WELCOME TO TECH

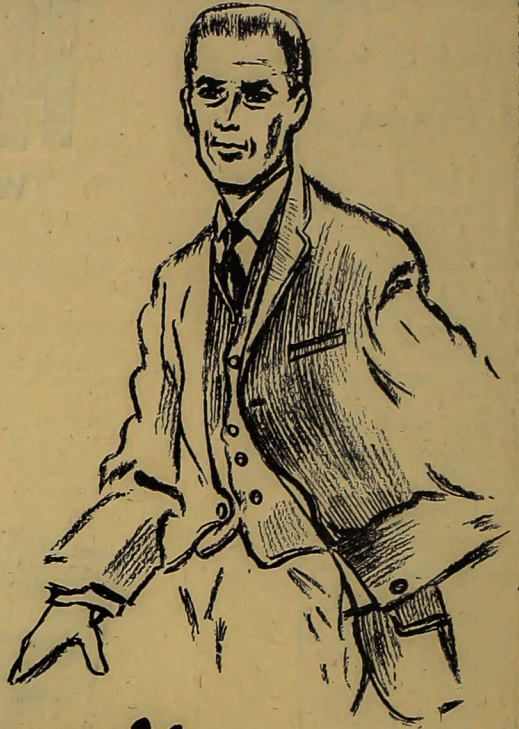
Tech Checks Save You Money!



As one of our many helpful services, we offer you these personalized checks printed in Texas Tech colors emblazoned with the double T. Our exclusive TECH CHECK account has no service charge and no minimum balance is required. The ONLY expenditure is \$1.25 for 25 fully personalized TECH CHECKS. We invite you to open your special checking account now.



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To



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Men's Wear For 24 Years**

*See Us Soon For "Grand Opening"
Specials in Conjunction With Our
Complete Remodeling*