

House Passes Bill For Tuition Raise

Tech Rodeo Council Vetoes Plan For Proposed Off-Campus Rodeo

After careful consideration by the Tech Rodeo Council and a discussion with Pres. E. N. Jones, plans for an off-campus Spring College Rodeo were disapproved last week.

The plans, submitted by the Rodeo Association, called for the event to be sponsored by Lubbock County Rodeo Association. It would have been held at the Lubbock Rodeo Arena.

After an exchange of views between the Rodeo Council and President Jones, it was decided that a college rodeo is not yet timely.

"I think we have established a friendly relationship and mutual trust between the Council and the Rodeo Association, and there is an understanding of the problems of each," said Dr. N. C. Fine, chairman of the Rodeo Council.

"Further, with that working relationship, we are looking forward to the time when rodeo activities can be renewed on the campus, preferably in the Rodeo Association's own arena."

The Council pointed out that there is a need for better understanding of the purpose of rodeo

activities, and that people must realize that a college rodeo is a sport or contest carried on between members of competing teams much the same as are football, basketball, and baseball. The

Nursery Reopens After Renovation

Tech Nursery School building will reopen Monday according to Miss Sannie Callan, head of the department of child development and family relations.

Closed since a Jan. 31 fire caused \$4,000 damage, the nursery has been completely repainted, new curtains have been put up, and a new stove and refrigerator installed.

"There has been cooperation from every department of the Home Economics school in planning the repairs and improvements," Miss Callan said. "The maintenance department has really been on the job. It's remarkable what they have accomplished."

There were no injuries in the between-semester's fire which swept the kitchen and dining room of the nursery. Mrs. F. T. Jarratt, nursery housekeeper, was the only occupant of the building.

Eighteen children attend the morning session of the nursery school and seven attend the pre-school kindergarten in the afternoon. Sessions for the children have been held in the home economics education department while repairs were made.

The nursery is maintained to give students experience in working with children of pre-school age.

Council stated a rodeo is not a carnival for the irresponsible minority to release their inhibitions.

The Council is designed to aid the Rodeo Association in carrying out its program and to act as a liaison group between student members and the administration. It is composed of five members: Dr. Fine, chairman; Arch Lamb, ex-student representative; Rob Brown, student council representative; Lewis Jones, dean of men; and Morley Jennings, professor of physical education.

Since removal of the old rodeo arena on Tech farm, new land has been provided and means of financing construction of a new arena are under consideration.

Varsity Show Cast Receives Scripts

Scripts for the 1957 Varsity Show, "On The Town," were given to members of the cast last night.

Producer Wayne Gibbons announced that the cast would meet Saturday afternoon at 1:15 in the Music Building to discuss the plot and the characters.

He also announced that Director John Gilbert is making plans for use of the ballet "Fancy Free" from which "On The Town" is taken.

The Hospitality Committee of the Student Union will honor the cast and the show staff with a party Tuesday night in the Union Ballroom.

The director announced that the Union has provided the Varsity Show staff with office space in the Union. He stated that the office would be on the west side of the ground floor and would remain open daily.

'54 Tech Graduate Named Key Speaker For BSO Retreat

J. C. Chambers, Lubbock businessman and former president of the Texas Tech Student Association, will speak at the annual BSO Retreat at Cloudfcroft, N.M., March 1-3.

The Retreat, designed to develop student leadership, is sponsored each year by the Board of Student Organizations. One delegate from each of the campus organizations is expected to participate in the program, which includes discussion of campus problems on the administrative, faculty, and student levels.

Miss Carolyn Tapp, publicity representative, pointed out that nearly every delegate is president or president-elect of an organization. She added that active delegate participation in the activities will benefit every facet of student life.

Members of the special retreat committee headed by Don Kerr are Larry Merriman, treasurer; Mickey Patterson, secretary; Sandy Casstevens and Alice Wells, arrangements; Wayne James and Carolyn Tapp, publicity; Boone Brackett, recreation; and Eddie Henson, program.

The Retreat will not be all work for the estimated 65 students attending, according to Miss Tapp. A Saturday Night Smorgasbord and other parties are planned.

The group will leave by chartered bus from the Student Union Building at 8 a.m. Friday, March 2. The final deadline for signing up is tomorrow. Persons who have not done so should go to the office of the Dean of Student Life.

The House of Representatives Wednesday passed HB-265 providing for increases in tuition of state-supported colleges and universities.

The bill must have the approval of the Senate, which took no action before adjourning for the weekend.

The house debated two days before bringing the bill to a vote. Two motions to postpone consideration of the bill were defeated.

Rep. Will Ehrle stated he thought the Legislature would be in better position to consider the bill Monday after this week's Railroad Commission meeting to set oil production allowables. He said the Comptroller's expected state revenue estimate possibly would be revised if oil allowables are increased. State appropriations are dependent on the estimate.

Rep. Murray Watson, one of the bill's sponsor's said he thought an oil allowable increase would have no decided effect on the proposed tuition raise.

Watson stated two stipulations of the bill. One, already incorporated in the bill, provides for increased teacher's salaries. The other, to be presented in an amendment, would set aside a portion of the money for scholarships to be available to the financially needy.

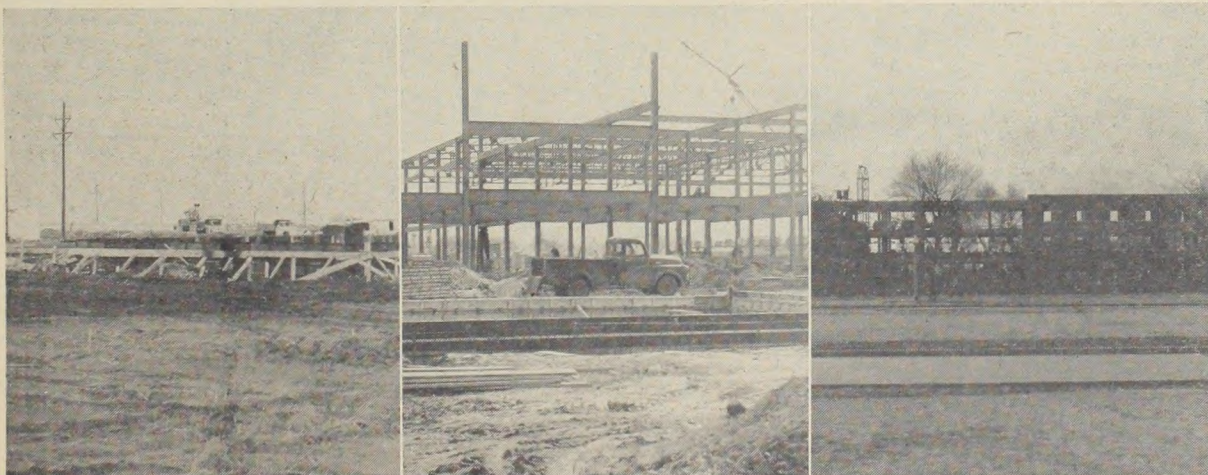
HB-265 provides for a \$25 per semester increase for resident students and a \$50-\$125 increase for non-residents. The variance in non-resident increase is caused by a variance in present fees. An immediate \$50 increase is proposed for out-of-state students with a maximum of \$200 being reached by Fall, 1959.

Parking Lot Saved For Visitors Only

Chief campus security officer S. E. Thomson today issued a warning to all students and faculty against parking in the dirt lot behind the museum.

Violators of the warning will be given tickets effective immediately.

The lot, previously used by the staff, is needed for large numbers of museum visitors. Faculty cars may be parked along the curb only.



MARCH OF PROGRESS — Above are the three major units of construction activity on the Tech campus. Left photo shows initial activity on the recently begun men's dorm west of the cinder track. Center picture portrays the steel skeleton of the men's gymnasium and natatorium being constructed south of the present gym. Photo on the right pictures the women's dorm being built east of the Home Economics Building. Tech Comptroller M. L. Pennington recently stated construction work

is coming along rapidly. The men's dorm — costing \$2,985,000 — will be finished and ready for occupancy by the beginning of the 1958 fall semester. The recent steel strike slowed work on the gymnasium, but steel is now here and work is moving rapidly, Pennington said. The gym should be finished by next fall, possibly at the beginning of the semester. The \$1,895,000 women's dorm will open in the fall of 1957.

(Staff photos by Joe Spears.)

Courtesy To The Stars and Stripes

"I pledge allegiance to the flag of the United States of America..."

These words echo throughout the nation as conscientious Americans express loyalty to the country that has given them freedom of expression, freedom of worship, and freedom of the press.

But do these words lie so shallowly upon Techsians that they feel no responsibility to render certain courtesies to the flag of our nation as it is being raised or lowered to the proper music?

Reveille and Retreat ceremonies have been introduced to Tech campus by the joint efforts of the Army and Air Force ROTC for the purpose of training cadets to these age-old rituals which are still being carried out on military posts throughout the world.

The flag raising ceremony is conducted between 7:45 and 7:55 each morning during the week at the flagpole south of the Textile building. Reveille is played over a loud-speaker while the flag is being raised by junior and senior cadets.

The flag lowering ceremony is held between 4:40 and 5 p.m. The National Anthem is played while the cadets lower the flag.

Since the beginning of the ceremonies two weeks ago, they have received very little attention by Tech students as they pass by.

With these ceremonies the civilian responsibility of rendering the usual courtesy to the flag as is experienced at almost every athletic event. The removing of the hat and placing it over the heart while standing erect, is only common courtesy to the flag while the National Anthem or Reveille is being played. ROTC cadets not in uniform are considered civilian and should render the civilian courtesy.

Several beliefs have been advanced concerning the responsibility of motorists. Some authorities say that the vehicle should be stopped and its occupants should dismount and render the normal courtesy. Another point of view is that the car should be stopped, its occupants remaining seated erectly.

But in either case, the car should be stopped.

So far, the only noticeable effect these ceremonies have had on Tech motorists is that they are speeding away from the flag ceremony.

Whether these motorists have any intention of disobeying or neglecting their civilian obligations cannot be answered. The more logical answer is that they are not informed upon the subject and do not understand what is happening.

If this is the case, then an educational program should be conducted to teach the students the courtesies connected to the flag ceremonies.

—Billy Combs

Be careful when you are driving for you might meet a fool.

The best way to keep out of an argument is keep your mouth shut.

It is far better to be an original jackass than an imitation lion.

LITTLE MAN ON CAMPUS by Dick Bibler



"WELL, TELL HIM AGAIN—I'LL BE DOWN IN A MINUTE."

TECHSANS TALK BACK

College Costs Compared

Hats off to Don Avery for his keen analysis in the evaluation of Tech's higher rates as contrasted to the current economic problems that the average student from West Texas has to face. His discussion precipitates the following question: Will it be possible for a student to attend Texas Tech without outside support?

College costs at Tech are rising at such a rate that it no longer seems feasible for a student to work in the summer and at a part time job while attending Tech, and still meet his economic obligations. Tech is a State supported institution and hence should provide education at a minimal expense to her students.

Are other schools charging similar rates? The answer is no. Here is a partial list of other Texas state supported schools and their rates for room and board as taken from the respective catalogues of these schools.

Texas Tech (with new rates) old dorms \$295.12 per semester new dorms \$327.82 per semester Texas A. & I. \$271 per semester Texas Western \$255 per semester East Texas State \$220 per semester.

Texas A. & M. — \$214.20 per semester Stephen F. Austin — \$207 per semester

Bearing the foregoing figures in mind, will not such action as is being taken here at Tech eliminate many good students? They just cannot afford to attend Texas Tech when other schools of comparable academic standing offer near equal facilities at much more reasonable rates.

Teddy Carthel Sneed Hall

Note of Appreciation

I want to take this opportunity to thank everyone who has been so kind and generous in so many ways to me since the Nursery School fire, Jan. 31.

I am especially grateful to the maintenance and custodial men who have done so many things above their regular duties. Also the whole Home Economics staff for their kindness, not only in a material way, but in providing moral support which was badly needed.

I am truly thankful there were no injuries to anyone and I will not forget the many favors done me in this unpleasant occurrence. Mrs. F. T. Jarratt Nursery Housekeeper

Bible Chair Edits Annual

For the first time in its history the Texas Tech Bible Chair will have an annual. To be called The Christian Architect, the yearbook will contain pictures relating the history of the Tech Bible Chair and will show steps necessary in forming an active Bible Chair.

Editors are Gayle Arthur and Stuart Jones.

Editorial Stand Praised

I believe congratulations are due you on your editorial (Education Costs Raise) in the February 15 issue of the Toreador. That is one of the few articles I have read that backs up the students' opinion instead of that of the administration. By all means keep up the good work. You'll find the student body will back you up.

Larry E. Short Doak Hall

Editors Note: The TOREADOR invites all students, faculty members and administrative officials to write letters for publication in this column. The editor reserves the right to reject any or all material submitted.



(Staff Photo.)

FOUR, COUNT 'EM—Dr. Doyle Jackson, professor of education, ran into a problem in one section of Education 334 this semester when he found he had four Smiths enrolled. The Smiths are, as indicated by the numbers they show, Charles; Diana; Donald; Joe Guy. Dr. Jackson said, "It's never happened to me before in 23 years and I never expect it to happen again."

TOREADOR

The Toreador, student newspaper of Texas Technological College is regularly published each Tuesday, Thursday and Friday on the campus at Lubbock by the associated students of the College, and is financed by student activity fees, advertising and subscriptions.

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Red Raider Cafe

presents

Special Sunday

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DINNER

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Sororities

Formal initiation scheduled this week for sororities, with church services at 6:30 in the dist. Church.

Pledges of Alpha Phi will hold rehearsal tonight at 6:30 in the dist. Church.

Formal initiation at 2 p.m. tomorrow at church, with members last to afterwards at Wa services at First M will be attended S by the entire group.

Alpha Phi initiation with a paddle tonight. The girls children's costumes.

Formal initiation 1 p.m. tomorrow in the church, followed by a banquet at 7 p.m. at the Ways restaurant.

ing the old and new attend services at 8:00 at the church.

Delta Delta Delta being welcomed in in services last night with luncheons and the entire Delta members of the of attend church Sun Presbyterian Church.

Initiation services of Kappa Alpha Pi are slated for tomorrow night at the Christian Church.

Pledges of Pi Beta Phi

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1314 Ave. Q

Smoke

Sororities Initiate New Members

Formal initiation services are scheduled this weekend for campus sororities, with banquets and church services as celebration.

Pledges of Alpha Chi Omega will hold rehearsal for initiation tonight at 6:30 in the First Methodist Church.

Formal initiation will take place at 2 p.m. tomorrow in the Methodist church, with the 15 new members slated to attend dinner afterwards at Walden's. Church services at First Methodist Church will be attended Sunday morning by the entire group.

Alpha Phi initiates begin initiation with a paddle party at 7:30 tonight. The girls will dress in children's costumes for the affair.

Formal initiation will be held at 1 p.m. tomorrow in First Presbyterian church, followed by an 8 p.m. banquet at the Western Ways restaurant. Sunday morning the old and new members will attend services at St. Paul's Episcopal Church.

Delta Delta Delta pledges are being welcomed into the sorority in services last night and tonight, with luncheons and parties marking the entire Delta Week. All members of the organization will attend church Sunday at the First Presbyterian Church.

Initiation services for new members of Kappa Alpha Theta sorority are slated for 6 tonight and tomorrow night in the First Christian Church.

Pledges of Pi Beta Phi are to at-

tend pre-initiation ceremonies at 7 p.m. today at the First Christian Church, following a banquet for pledges and members at Walden's. Formal initiation will be held at 1 p.m. tomorrow at St. Paul's Episcopal Church, where the entire group will attend services Sunday.

Sigma Kappa sorority will initiate its pledges from 2 to 5 p.m. tomorrow at the First Methodist Church. A formal banquet will follow for new members at the Lubbock County Club.

Get Out The Swim Suit

Dip in the Adriatic this summer, at the swanky Lido in Venice. Try the blue Mediterranean, at fashionable Nice on the Riviera. Or swim all the way across the Atlantic (in the swimming pool on the boat, of course.)

For the summer tour of Europe, conducted by Mrs. Stout, see her in her office, Library 111.

Adv.—

Winning Stunt Night Acts Appear on Raider Review

Winners of the Junior Stunt Night talent show, held Wednesday, are scheduled to appear on Raider Review, 5:30 to 7 p.m. Sunday in the Union snack bar.

The three groups, from Zeta Tau Alpha, Sock and Buskin and Phi Kappa Psi, will give their winning acts at the Sunday evening supper hour show.

CLUB ELECTS NEW OFFICERS

Phi Upsilon Omicron, national home economics honorary fraternity, elected Myrna Marshall, Lubbock senior, as vice president in a recent meeting.

Another new officer named for the spring semester is Pat Curry, Arlington junior, candle editor. They replace Glenda Webb and Cathy Dickinson, January graduates.

NEWMAN CLUB PLANS MARDI GRAS DANCE AT CAPROCK HOTEL

Mardi Gras is the theme of the Newman Club dance slated to begin at 8:30 p.m. tomorrow in the main ballroom of the Caprock Hotel.

The semi-formal affair is open to all Tech students. Tickets are priced at \$2.00 a couple.

A king and queen of the Mardi Gras will be crowned during the evening.



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Staff Photo: in one section of area, as indicated never happened

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HELP WEEK

Fraternities Work On Civic Projects

Turning Help Week into Help Week, Tech's social fraternities are putting pledges to work on Lubbock civic projects.

A complete painting and cleaning job was done by Alpha Tau Omega and Phi Kappa Alpha fraternities for the YWCA and Pilot Club facilities in the old Legion building at 910 Texas Ave. Although the two non-profit groups had been in the building since Jan. 2, complete activity programs were not possible until improvements were made.

Pledged to paint for 4 nights, during the hours of 11 p.m. to 7 a. m., beginning Feb. 6, ATO pledges and supervising members worked through the night hours painting walls and woodwork in the large meeting hall and in the YWCA office. They worked every night and until noon the following Sunday, until the job was done.

Usually 15 to 30 ATO's were at work in the Legion building, on scaffolds and ladders loaned by Lubbock firms.

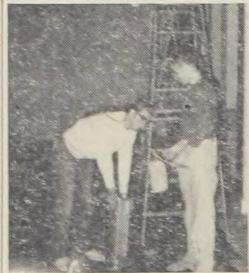
Alpha Tau Omega, first national fraternity to adopt the constructive pledging plan, in 1950, offered their services through the city Volunteer Bureau.

Finishing up the interior painting, working in the kitchen and on moldings and windows, were pledges and members of Phi Kappa Alpha fraternity. Beginning at 9 p.m., Feb. 20, men from the group waxed floors, painted and repaired window screens and frames, and cleaned and painted moldings.

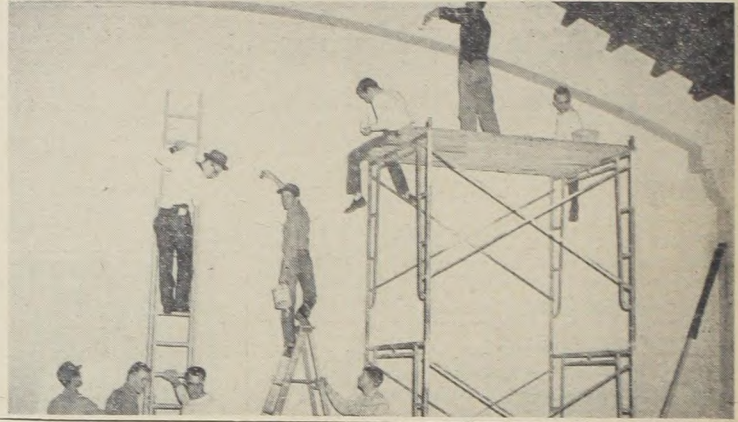
About 15 PiKa's worked until early Thursday morning.

Mrs. Laverne Brown, secretary of the YWCA, expressed deep appreciation for the help given by fraternities. She said that women of the YWCA and Pilot Club served refreshments and kept hot coffee available to men working in the building during the night.

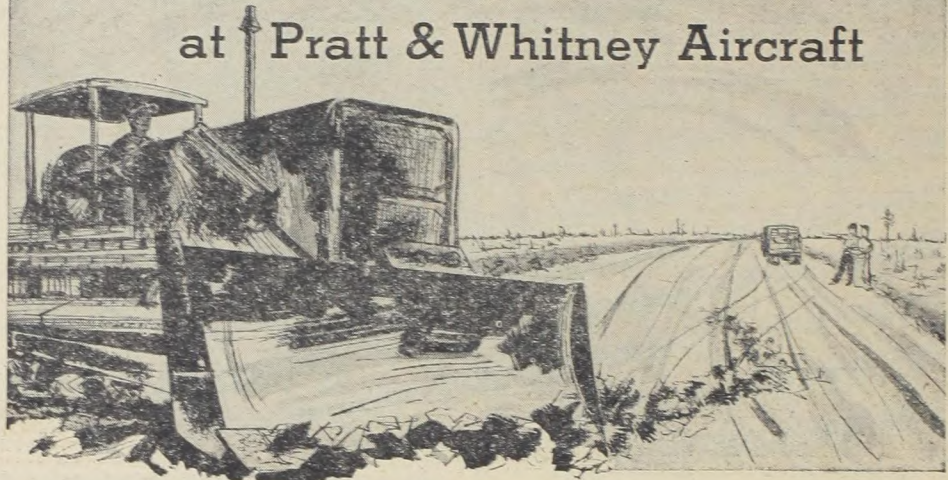
Similar constructive programs are planned by other fraternities, such as Sigma Alpha Epsilon, whose pledges will work at Carver Height's Day Nurse, the Salvation Army, and in Lubbock recreational facilities.



TYPICAL OF fraternity Help Week services are these pledges of Alpha Tau Omega, right, and Phi Kappa Alpha, above, as they paint, clean and repair the Legion building for its new tenants, the YWCA and Pilot Club.



What's doing...
at Pratt & Whitney Aircraft



New "high-road" to
JET ENGINE FRONTIER
in Florida

Heralding important things to come, work was begun in late summer, 1956, on a wide access road in a remote section of Palm Beach County, Florida. At the end of that road, situated northwest of West Palm Beach, a 500,000-square-foot plant destined to be the newest addition to Pratt & Whitney Aircraft engineering facilities is already well under construction.

Here, engineers and scientists will soon be hard at work dealing with new and increasingly complex problems relating to advanced jet aircraft engines. Working in close coordination with men at other P & W A establishments — particularly the company's multi-million-dollar Andrew Willgoos Turbine Laboratory in Connecticut —

this newest section of the Pratt & Whitney Aircraft team will face a challenging assignment. They, too, will be concerned with design, testing and development of highly advanced, extremely powerful jet engines which will join a family already including J-57 and J-75 turbojets, currently playing important roles in the growing military and commercial air power of the United States.

The engineering graduate who begins his career at this Florida facility will have the rare opportunity of keeping pace with its anticipated growth. In an organization renowned for development engineering superiority, he will gain invaluable experience working on vital, long-range projects that are a challenge to the imagination.

World's foremost designer and builder of aircraft engines

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Officers Elected By Tau Delta Tau

Tau Delta Tau, newly organized social fraternity, elected officers for the spring semester in a Wednesday night meeting.

Nominees for official sponsor of the group were considered during the meeting.

Taking office this semester are Joe Dale Bryan, president; Ronald Griffin, vice president; Tony Huskerson, scribe; Don Grimes, corresponding secretary; and Frank Tate, treasurer.

Appointed to offices in the same meeting were Raul Ragland, marshal; Jerry Martin, historian; Norris Green, pledge trainer; Don Hunter, social director; Morris Scales, intramural director; Bill Morrow, reporter; Jerry Wood, Inter-fraternity Council delegate; and Gerald Dabbs, scholarship.

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Friday, February 22, 1957

Third Intra...
Set For Tue...

The third intra...
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and poetry reading...
at 7. Original or...
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Third Intramural Speech Meet Set For Tuesday In Speech Building

The third intramural speech meet will be held Tuesday at 6:45 p.m. in the Speech Building. Deadline for entry blanks is 5 p.m. today.

Drawing for topics to be discussed in extemporaneous speaking will be held at 6:45 with the extemp competition to be at 7. Radio speaking, Bible reading and poetry reading also will be at 7. Original oratory, declamation, dramatic interpretation and after dinner speaking will be at 7:45.

All entrants receive one point for entering. Speakers are graded as fair, good, excellent and superior. A superior rating receives 10 points while an excellent rating

receives 7 points. One person may enter only two events. An entrance fee of 25 cents is required for each person.

After two tournaments, the Pre-Law club is in first place. Others in the top four are: Phi Gamma Delta, second, Sigma Kappa, third, Westminister Fellowship, fourth.

Winner of the scheduled series of six meets will receive a trophy valued at \$100. Any organization winning the trophy twice is awarded the trophy permanently.

James Brennan, faculty adviser, urges that individuals enter the meet also. Certificates are awarded those persons achieving a superior or excellent rating.

Hospitality Hour Observed At Union

Hospitality is Tech's student tradition and it is extended to the faculty through the Union Hospitality Hour, 3:30-5 p.m. every other Tuesday.

Any student can bring his professor over to the Union Ballroom Lounge for refreshments and informal entertainment presented by one of the sponsoring campus organizations.

Participating groups, principally Greek letter organizations, present entertainment in the form of skits, music, and talks. Competition for attendance from the various memberships is encouraged.

Toastmasters Provides Opportunities For Inexperienced Student Speakers

Want to become a better speaker and have fun while doing it?

Tech Toastmasters gather each Wednesday noon in Union workroom A to become better speakers and enjoy themselves. While around the lunch table an informal session of impromptu speakers is held. Afterwards, there is a speaker usually from the campus.

As Susie Miller, secretary, put it, "None is really a great speaker; we try to help each other by mutual constructive criticism."

The constructive criticisms offered in the meetings serves to help the individual improve his method of delivery and other aspects of speech know-how.

Any Techsan is welcome to attend Toastmaster meetings. Lunch is served for 65 cents. Those wishing to attend are asked to sign up at the magazine stand.

Toastmaster officers are: Bob Richards, president; Tommy Reagor, vice president; Susie Miller, secretary; Joe Ben Hudgens, publicity director.

DR. LITTLE RESIGNS

Dr. S. N. Little, assistant professor of agronomy, has resigned from the faculty to take a position as head of the research department of Luce and Co., a large sugar concern in Aguirre, Puerto Rico.

WESTMINSTER HOUSE

PRESBYTERIAN STUDENT CENTER
2414 13th Street

SUNDAY, FEBRUARY 24

- 6:00 Light Supper (35c)
- 6:45 "JOB . . . OR VOCATION?"
by a panel of four students from Austin Presbyterian Theological Seminary, Austin, Texas
- 7:45 Recreation — "I've got a Secret"

Along with 35c and an empty stomach (for supper), bring your BRAIN and QUESTIONS, for we are going to REALLY THINK about Vocations and the Faith.

Engineering, Science & Math Majors

How You Can Gain Early Professional Recognition

Vitro Research and Development Laboratories, a Division of the Vitro Corporation of America, offers unusual opportunities for early professional recognition to young engineers and scientists. The graduating engineer who starts his career at Vitro quickly becomes a professional because of his rapid integration into practical engineering work. Upon completion of a very brief orientation program, the graduate is accorded full professional status and is given an engineering assignment on a project team.

Vitro's small team system not only enables the engineer to put his knowledge to work at once, but it quickens the pace of his professional growth by (1) availing him of experienced guidance when he requires it, (2) allowing his contributions to be promptly recognized, and (3) giving him broad, over-all understanding.

Promotion from within assures the young engineer of both recognition and advancement. This policy, coupled with our rapid expansion rate, insures an excellent climate for rewarding growth.

Our new \$2 million laboratory in Silver Spring, Md. has responsibility for important work in (1) undersea warfare, including new concepts in torpedoes, mines and sonic detection, (2) guided missile ships, including projects in fire control, systems and missile engineering and (3) landbased guided missiles for continental defense.

Our West Orange, New Jersey laboratory is engaged in research and development in the fields of chemistry, chemical engineering and the physical sciences. Diverse opportunities are offered in studies of nuclear waste disposal and recovery, radiotope applications, gas detection, rare metals, ore enrichment and refining processes, high energy fuels, nuclear applications of electro-kinetics, and electrophoresis. Study, research and equipment development is being carried on in electronic systems, special instrumentation and ordnance applications. Recently developed high intensity electric arc advances are also under investigation for strategic applications.

You are invited to personally inspect either Vitro laboratory by making arrangements with our engineering and science representative when he visits the campus. Ask him, too, about our educational assistance program which allows Vitro staff members to work toward a graduate degree, or take individual specialized courses in connection with their work assignments. Full tuition is paid by Vitro.

A VITRO REPRESENTATIVE WILL VISIT YOUR CAMPUS FEB. 28.

Make an appointment now through your Campus Placement Officer for a personal interview. Ask for pamphlets outlining company benefits, policies and other pertinent factors. Or, write, requesting information to:

Personnel Department

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962 Wayne Avenue • Silver Spring, Maryland

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Looking for a Spot to Begin a Career?

THE Bell Telephone System offers a wide variety of opportunities for graduates who can qualify.

Next Wednesday and Thursday, February 27 and 28, officials of these five Bell companies will be at the Placement Office to talk to Texas Tech men about a career when they graduate.

- **Western Electric . . .** manufacturing unit of the Bell System. Also develops, makes, and services electronic products for the armed forces.
- **Southwestern Bell . . .** builds, maintains, and operates the Southwest's vast communications system.
- **Bell Laboratories . . .** largest industrial research organization in the world. Electronics and communications research is fascinating.
- **Sandia Corporation . . .** applied research, development, and design on ordnance phases of atomic weapons.
- **A.T.&T. Company . . .** builds, maintains, and operates the nation's interstate communications system.

How about dropping by the Placement Office and arranging to talk to these officials?

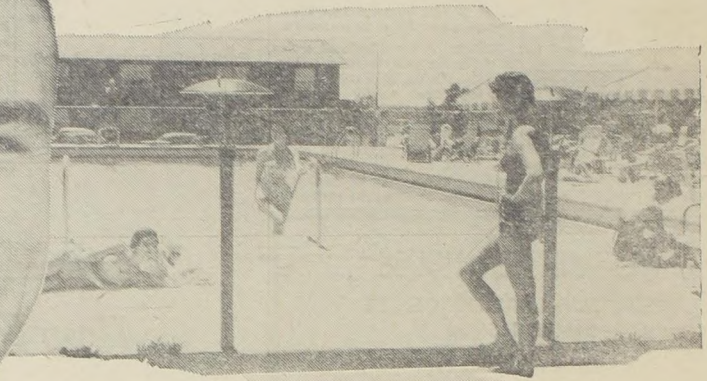
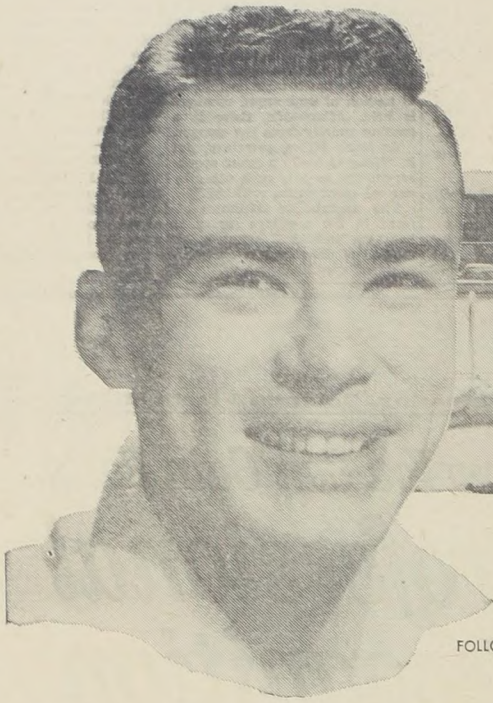
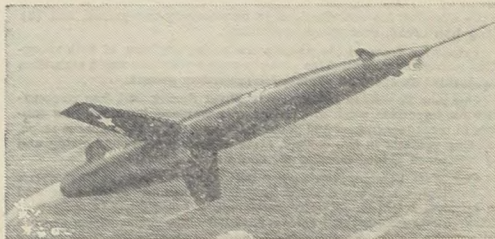


Photo courtesy Columbian Apartments, typical of housing available in area.

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Don helps Chance Vought designers create producible, easy-to-maintain electronic gear for products like this Regulus II surface-to-surface missile.

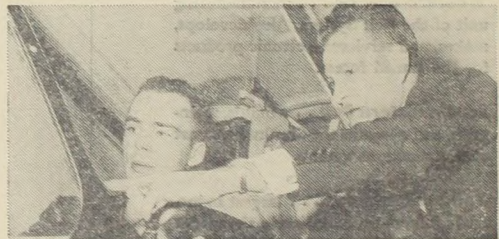
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Our representative will be in your Placement Office *Tuesday and Wednesday, March 5 and 6*, to describe firsthand Chance Vought's program for young engineers. Reserve time for your own interview by making your appointment today.

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INCORPORATED - DALLAS, TEXAS

Talk shop or sports cars to Don Carter, and you'll find his keenest interests. At Chance Vought, in Dallas, Don keeps up with both subjects. He's *living* while he's building his professional career. Fun, to Don, means sports car races at nearby Eagle Mountain Lake, a night at the Dallas Little Theatre, or a splash in his swank apartment pool. Fun means *career*, too, because Vought helped Don find a field he thoroughly enjoys—exploring new applications for human engineering in Chance Vought's Reliability Design Group. Don's helping designers develop electronic gear that's producible, simple to operate and easy to maintain. His electronics training comes in handy, and—for the human aspects involved—so would a good grasp of psychology. So Don's working toward an M.A. in Psychology this winter at Southern Methodist University, and Chance Vought's helping with tuition.



Part of Don's assignment is to improve cockpit displays in supersonic fighters. Here he and a Vought psychologist study a problem in human engineering.

Cold Re As N.M.

By BILLY E

The New Mexico led by the hot sophomore Glen Moore from behind in the last night to defeat Red Raiders, 68-59.

With 25 and 22 respectively, Markham and Moore accounted for 40 of the Aggies' points in the last half. Moore overcame a 37-30 lead to keep up the lead in the second half. The Raiders at Las Cruces.

The touring Techs throughout the first half to a fast start on the part of Bobby Wilson. The Aggies led, 11-0, through the first half. Though the Aggies' seven-point lead was mostly on the shooting of Gibson.

Gibson and Earl Gibson came into the Tech's lineup, each hit three field goals in the first half. Though the Tech's hopes, but the players were able to score two points between the halves.

SPRING TRAINING

Battle Raging Starting Lineup

Jim Henderson, sophomore from Lubbock, moved to starting line in varsity positions on the Aggies in spring training.

Henderson replaced Moore. Lubbock junior now running with the Aggies.

Other changes: Hood, Wellington, right guard slot after Gene Lay, Lake View (Lay) had replaced the grading of last year's game films.

Remainder of the up includes:

- Left end—Gerrit Woodin; right end—Bobby quarterback—Lay; left half—Milt right half—Jimmy Ki back Doug Duncan.
- Seven second-year recently holding dorm berths. They are: Vaughn, Knox and D backfield and Henderson; Henry and Will line.

'Mural Out'

Today is the deadline for mural volleyball entries to Edsel Buchanan, intramurals.

"The deadline may be extended," Buchanan says, "but other entries are due."

Scores: Independent League TT, 64; Roadrunners, 50; Dorm League: Gort team, 52; Doak C, 26.

Tonight's schedule: Stars meeting Delta at 7 p.m. an independent league 7 p.m.

Sunday action will Stars vs. TT at 2 p.m. vs. Phi Delta Theta at 7 p.m.

GUADALAJARA SUMMER SCHOOL

The accredited hills sponsored by the Autonoma de Guadalupe members of Stanford faculty will offer in Mexico, July 1 - August 15. Courses in art, geography, language and literature. Prof. Juan B. Rael, Stanford University, Calif.

Cold Red Raiders Blow Halftime Lead As N.M. Aggies Roar to 68-59 Victory

By BILLY ELLIS

The New Mexico A&M Aggies, led by the hot shooting of 6-7 sophomore Glen Markham and 6-6 freshman Wayne Yates, roared from behind in the second half last night to defeat the visiting Red Raiders, 68-59.

With 25 and 22 points respectively, Markham and Yates personally accounted for almost 70% of the Aggies point total, as A&M overcame a 37-30 Tech halftime lead to keep up their "jinx" over the Raiders at Las Cruces.

The touring Techs had led throughout the first half, getting off to a fast start on the shooting of Bobby Wilson. The Raiders held a nine-point lead, 19-10 midway through the first half, and although the Aggies rallied, took their seven point lead at halftime mostly on the shooting of Sterling Gibson.

Gibson and Earl Redwine, who came into the Tech lineup as substitutes, each hit three out of three field goals in the latter portion of the first half to bolster Tech's hopes, but the ex-service players were able to garner only two points between them the final half.

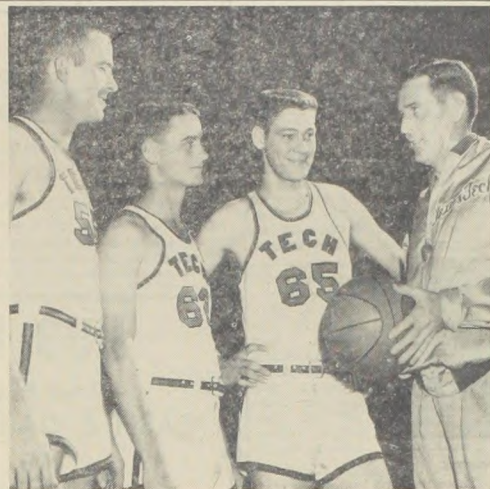
Tech started out cold after the intermission, and allowed the New Mexicans to pull up, 37-35 before they could score. A&M tied the count at 41 and 43-all, and took their first lead, one they were not to lose, with 12 and a half minutes left in the game, on a pair of free throws by Markham.

The Raiders' leading scorer, center "Podd" Hill, collected only eight points for the Raiders, one of his lowest nights all year. Hill was held out of the game much of the second half because of fouls, and finally left the game on personal late in the game.

Ned Underwood led the Raiders in scoring with 12 points, and Bobby Wilson had nine—all in the first half. Logan Cummings kept up his "scoring drouth" by hitting only two points. Tech, now with a

9-10 record for the year, moves to El Paso for a game tonight with Texas Western's Miners.

THE BOX SCORE					
TEXAS TECH			NEW MEXICO A&M		
FG	FTA	FT	PF	TP	
Sealing	0	5	2	1	2
Cummings	1	0	0	2	2
Hill	3	3	2	5	8
Underwood	6	2	0	3	12
Wilson	2	8	5	0	9
Myers	3	2	2	2	8
Lynch	2	1	0	1	4
Redwine	3	2	0	1	6
Gibson	4	0	0	4	8
Key	0	0	0	1	0
TOTALS	24	23	11	20	59
Jarrett	4	2	1	2	9
McGill	3	2	2	2	8
Yates	7	11	6	4	22
Markham	7	17	11	3	25
Davis	0	0	0	1	0
Kelly	2	2	0	4	4
Phillips	0	0	0	0	0
Oliver	0	0	0	0	0
Griffin	0	0	0	0	0
Schell	0	0	0	0	0
TOTALS	23	34	20	16	68



THREE seniors are pictured l. to r. with Coach Polk Robison. They are Earl Redwine, Harry Sealing and Ned Underwood.

SPRING TRAINING

Battle Rages For Starting Berths

Jim Henderson, a 220-pound sophomore from Lubbock, has moved to starting left tackle as varsity positions continue to shuffle in spring training.

Henderson replaces Charlie Moore, Lubbock junior, who is now running with the second unit.

Other changes found Floyd Hood, Wellington, recapturing the right guard slot after freshman Gene Lay, Lake View (San Angelo) had replaced him following the grading of last week's scrimmage films.

Remainder of the starting lineup includes:

- * Left end—Gerald Seeman; left guard—Phil Williams; center—Jack Henry; right tackle—Billy Woodin; right end—Pat Hartsfield; quarterback—Wick Alexander; left half—Milton Vaughn; right half—Jimmy Knox; and fullback Doug Duncan.

Seven second-year men are currently holding down starting berths. They are: Alexander, Vaughn, Knox and Duncan in the backfield, and Henderson, Woodin, Henry and Williams in the line.

'Mural Outlook

Today is the deadline for intramural volleyball entries, according to Edsel Buchanan, director of intramurals.

"The deadline may have to be extended," Buchanan said, "unless other entries are received."

Scores:

- Independent League Basketball: TT, 64, Roadrunners, 34.
- Dorm League: Gordon Hall B-team, 52, Doak C, 26.

Tonight's schedule finds the All Stars meeting Delta Sigma Pi in an independent league game at 7 p.m.

Sunday action will feature All Stars vs. TT at 2 p.m., and ATO vs. Phi Delta Theta at 3 p.m.

GUADALAJARA SUMMER SCHOOL

The accredited bilingual school sponsored by the Universidad Autonoma de Guadalajara and members of Stanford University faculty will offer in Guadalajara, Mexico, July 1 - Aug. 10, courses in art, geography, history, language and literature. \$225 covers tuition, board and room. Write Prof. Juan B. Rael, Box K, Stanford University, Calif.



"What really sold me," says Jerry, "was the way they conducted engineering. I'd expected rooms full of engineers at desks. Instead, I found all the informal friendliness of my college lab."

Gerald, an E.E., came directly to IBM from the University of Buffalo, in 1953. Starting as a Technical Engineer, he was immediately assigned to work, with two others, on designing a small calculator. The supervisor of this project was Dr. R. K. Richards, author of "Arithmetic Operation in Digital Computers." Jerry learned a great deal about computers in a very short time. Incidentally, his particular machine is now going into pro-



Assigns problems to his group

duction. As Jerry says, "It makes an engineer feel good to see his project reach the production stage—and to be able to follow it through."

Promoted to Associate Engineer after 16 months, Jerry is now the leader of a nine-man team. He assigns problems to his group for solution, approves their block diagrams and the models they build. Perhaps an hour a day goes into paper work such as requisitioning equipment for his group and reviewing technical publications, in counseling members of his team and preparing for trips to technical society meetings. Apart from his regular responsibilities, he teaches at night in the IBM school.

Why Jerry chose IBM

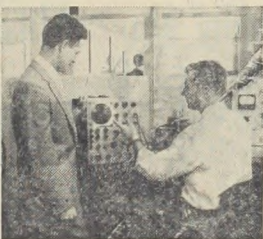
Of course, there were other reasons why Jerry selected IBM. He was vitally interested in computers, and IBM was obviously a leader in the field. He comes from a scientific family

"What's it like to be

A PRODUCT DEVELOPMENT ENGINEER AT IBM?"

Three years ago, college senior Gerald Maley asked himself this question. Today, an Associate Engineer and leader of a nine-man team, Jerry reviews his experience at IBM and gives some pointers that may be helpful to you in taking the first, most important step in your engineering career.

(his brother is a mathematician) and is fascinated by these mathematical marvels which are revolutionizing man's ways of doing things in so many fields. He enjoys working on large equipment... and on "pulses." "It's more logical," he says. "In computer



This field is so new

work, you can actually see things happening, which is not the case with all electronic equipment today. And it's not all solid math, either. What's more, this field is so new, that pretty soon you're up with everybody else."

Gerald has done recruiting work himself for IBM and believes he understands some of the college senior's problems. "I usually begin an interview by determining a man's inter-



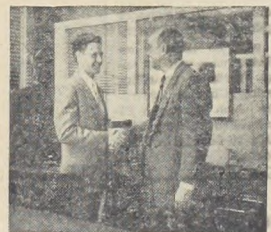
Reviewing technical publications

est," he reports. "Then the diversity of work at IBM enables me to offer him a job which will challenge that interest." Gerald distinguishes between two kinds of engineers—those who like to work on components, such as circuit designs, and those who are interested in the part the component

plays. The latter is his own interest, which is why he is in advanced machine design. He points out that IBM is careful to take these factors into consideration—another reason, perhaps, why turnover at IBM is less than one-sixth the national average.

What about promotions?

When asked about advancement opportunities at IBM, Jerry says, "You can hardly miss in this field and in this company. They tell me sales about double every five years—which in itself makes promotion almost axiomatic." He endorses the IBM policy of promoting from within, with merit the sole criterion. The salary factor, he remembers, was not his first consideration. While excellent, the tremendous advancement potential was of far greater importance.



Promotion almost axiomatic

IBM hopes this message will give you some idea of what it's like to be an E.E. in Product Development at IBM. There are equal opportunities for I.E.'s, M.E.'s, physicists, mathematicians, and liberal arts majors in IBM's many divisions—Research, Manufacturing Engineering, Sales and Technical Service. Why not drop in and discuss IBM with your Placement Director? He can supply our brochure and tell you when IBM will interview on your campus. Meanwhile, our Manager of Engineering Recruitment, R. A. Whitehorne, will be happy to answer your questions. Just write him at IBM, "Room 8801" Madison Ave., New York 22, N. Y.



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'NOT LIKE OLD DAYS'

Robison Reminisces As Cagers Hit Road

Coach Polk Robison can't be blamed for musing, "It wasn't like this in the old days" when he boarded Raider basketballers on an air-conditioned bus for their games with New Mexico A&M last night and Texas Western tonight.



ROBISON

Robison recalls vividly his playing days in the early 1930s at Tech. The team, then known as Matadors, made a winter tour through Arizona and New Mexico mountains in station wagons.

There were no heaters, so players wore their warm-ups over their clothes and burned candles on the dashboard to keep the windshield reasonably clear of ice. What's more, they won six games in eight days.

Considering today's basketball courts Robison doesn't yearn for the old days at all. His expression for the addition of the spacious Lubbock Municipal Coliseum on the campus is "wonderful." He feels that the cagers now have a much better chance to perform.

Robison coached in the old Tech Gym 16 years, 13 of them as head coach. Now assistant athletic director as well, he returned to Tech in 1941 to help in both basketball and football after coaching at Burkburnett High School.

He considers 1953-54 his best season when Tech was defeated in the NCAA play-offs by Santa Clara. Last year the Raiders also set a major National Collegiate record by passing the century mark in four successive contests. They also beat the 100 mark on a fifth occasion.

Graduation has deprived the Raiders of about 75 per cent of their scoring and rebounding strength and Robison wound up with eight sophomores on his squad of 13. His obvious course of action was to build for 1957-58 Southwest Conference competition



The Raiders will wind up their road trip tonight with a game in El Paso against Texas Western.

Interest will be focused on Sterling Gibson who will be assigned the task of guarding high-scoring Charles Brown. Brown, who has averaged 20 points, was held to eight by Gibson in Tech's 70-44 win in Lubbock Coliseum.

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and gamble for wins this season. All this led to Robison varying his offense far more usual.

As much as Robison likes winning games, he is at heart a student—and teacher—of basketball. He'd rather lose with an average boy giving a maximum effort than

win with an all-stater loafing through the game.

Next year will be too early, Robison insists, but 1958-59 when his current sophomores are seniors and an outstanding frosh team are juniors, will be the season that the results of his present experiments should be bearing fruit.

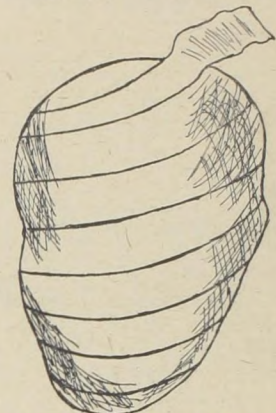
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Humble interviewing teams will be on the campus on February 26, 1957. Be sure to check with your Placement Bureau for the exact time and place so you can discuss job opportunities; or write directly to:

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