

MAILING SCHEDULE FOR

Jan 6 - 12 '58

Day	Name of Story	A	B	C	R	WS	Explanation
Tuesday	Lincoln Judging Jan	✓	✓				H J's
	Evening Program Education Courses	✓					
	Comparative Education	✓					
	Kinett						Lincoln, Neb + AP Bureau in Omaha
	Faculty Women's Club Tea	✓					
	Red Cross "Care of Sick & Injured" Club	✓					
	Alpha Psi Omega						H J's
Wednesday	alpha Psi Omega	✓					
	Poll Tax Exemptions	✓					
	Archaeological survey	✓					
Thurs.	Bradford Survey Side bar						Midland Reporter Telg.
"	Bradford Survey						Midland Rep. Telegram
"	Petroleum Courses & survey						" " "
	Regional Preference				✓		
	Final Exams				✓		
	Archaeological Survey				✓		
	Comparative Ed. Rights				✓		
	Engineers - Atomic Forum				✓		
	AF Computers - Science Club	✓					
	Speech Dept Play Exams	✓					
	Archaeological Sur.		✓			✓	
Friday	Charity Show	✓					H J's
"	Dr. Lester S. Levy, research Petroleum						Dr. Levy
"	AFROTC cadet in Abt license	✓					AFTimes, AFROTC Hq OIS
"	Roger Hall research	✓					
Sat.	AFROTC ass. prof. promotions	✓					
	Dead week	✓					
	Red Cross - Girl Scout Troop	✓					
	Sigma Delta Chi - 4 min. issue	✓					
	Ball Song						

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --An extensive schedule of education courses -- including a new course in Comparative Education -- will be offered in the Texas Tech Evening Program next semester.

Dr. Morris Wallace, Tech education department head, announced that ten graduate-level courses will be offered at 6:30 to 9 p.m. Wednesday and Thursday. evenings for area teachers.

Four undergraduate education courses that are required as part of the certification program for Texas teachers will also be offered for the first time in the Tech Evening Program, Wallace said.

A Saturday-only course in "Group Processes," is also being offered next semester in addition to a new course, "Developing the Guidance Program in Public Schools," that will be scheduled from 4:30 to 6 p.m. on Tuesday and Thursday.

Wallace said the new course in Comparative Education marks a new emphasis in general education and is designed for teachers and the general citizenry. Comparative Education will involve a detailed study of the structure, organization and purposes of education in other countries.

He noted that the Comparative Education course is offered in less than 30 of the higher institutions in the United States. The most recent institution to announce such a course is the University of Chicago.

"The primary purpose of the course is to develop an understanding of the value of education in various cultures of the world," he said. "In view of the increasing need to understand other cultures and to be able to contrast the various institutions of those cultures, one needs to know and understand their educational system."

(MORE)

2--Tech education courses

"We feel that this needed emphasis will contribute to the broadening of perspective of all teachers and school administrators as well as the general public and other professions," he said.

Wallace said that the course in "Organization and Administration of the Instructional Improvement Program" is designed for those responsible for improvement in instruction, the high school principals, curriculum directors and superintendents.

"The course is appropriate for all levels, elementary and secondary," he said, adding that "provision will be made for individual problems to be analyzed."

The undergraduate courses offered for the first time in the Tech Evening Program are "Introduction to Teaching," "Education Psychology," "Principals of Secondary Education," and one section of "General Methods of Teaching."

The nine other graduate-level education courses are:

"Audio-Visual Education," "Advanced Audio-Visual Education," "Children's Literature," "Development of Reading Program," "Fundamentals of Educational Research," "Advanced Statistics," "Human Development," "Language Arts," and "School Public Relations."

"In all of the above courses," Wallace said, "individuals will be permitted to enroll for non-credit."

"The department of education at Texas Tech believes that the Evening Program helps to meet the crisis in supplying certified teachers to staff the school rooms of the state as well as assisting teachers in-service to improve their general and professional preparation."

"Any inquiry should be addressed to the Department of Education, Texas Tech, Lubbock," he said.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AGRICULTURE EDITORS

LUBBOCK, Jan. --Six men have been named to the Texas Tech livestock judging team that will compete in National Western Show competition beginning Friday in Denver.

They are Bob Coleman, Sam Saba; Dale Herring, Talpa; Myron Hillman, Mullin; Billy D. Lane, Lubbock; Roy J. Milhoan, Wildorado; and Edwin Robertson, Breckenridge, Coach Stanley Anderson has announced.

Anderson said the team will compete in carload lots livestock judging, livestock judging and wool judging at the Denver meet. The team members are juniors who are scheduled to be eligible to represent Tech in national and international collegiate contests next fall.

The team will leave for Denver Wednesday and en route will conduct workouts in Hill and Swisher Counties in Texas and at Lamar, Colo.

The Hill and Swisher stops have been arranged by Ollie Liner, Swisher County agent, who is a Tech graduate and former team member.

James Heath, another Tech graduate and former team member, has arranged the Lamar workouts.

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Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech's Faculty Women's Club will honor its past presidents at a Silver Anniversary Tea from 3 to 4:30 p.m. today (Wednesday) at Drane Hall on the Tech campus.

Mrs. Emmett Hazelwood, president of the club, said approximately 20 past presidents of the club will be introduced. Each past president will be presented a corsage.

Six of the past presidents will speak to the group on the development of the Faculty Women's Club through the years.

Scheduled to speak are Mmes. Fred W. Sparks, Ray C. Mowery, R.E. Garlin, H.F. Godeke and J. William Davis. Mrs. R.A. Mills of Fort Worth will also speak. She is the past president traveling the greatest distance to attend the meeting. Mr. Mills is a retired English professor.

Mrs. W.H. Evans is the only deceased past president.

Hostesses for the meeting are wives of the administrative staff and Mrs. E.N. Jones is in charge of arrangements.

Mmes. D.M. Wiggins and Clifford Jones will preside at the serving table which will feature pink and white carnations and silver appointments.

Members of the club are invited to bring guests to the tea.

W.R. Tatum, co. chairman
Public Information
American Red Cross

A new Red Cross class in "Care of the Sick and Injured" will begin Jan. 13 at the local Red Cross Chapter House, 1641 Broadway, Mrs. Dick Tatum, ARC Home Nursing county chairman, announced today.

The 14-hour course will be from 9:30 a.m. to 11:30 a.m. Monday, Wednesday and Friday the weeks of Jan. 13 and Jan. 20. Mrs. Hubert Martin, volunteer Home Nursing instructor, will teach the class. Only cost is 75-cents for a textbook.

"This is a good opportunity for Lubbock women to learn new and better ways of taking care of their families in times of sickness or emergencies," Mrs. Tatum said.

Those interested in joining the class are asked to call the ARC Chapter House, POster 5-8534 or Mrs. Tatum at SHerwood 4-3070.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Alpha Psi Omega, national honorary dramatics fraternity at Texas Tech, has initiated three students.

They are Arthur Evans and Roland Myers of Lubbock and Mrs. Marlys Harris Kerr of Fairfield, Conn.

Evans and Myers appeared in the speech production of "Subway Circus," "Merchant of Venice," "Juno and the Paycock," and "Dark of the Moon." Evans has also been stage manager for several speech productions and is a speech department student assistant in theater. Myers is a speech scholarship student.

Mrs. Kerr has appeared in the speech production "Merchant of Venice" and has been costume director for several productions. She is treasurer of Sock and Buskin, dramatics club; a department assistant in speech therapy and is a speech scholarship student.

Entrance into Alpha Psi Omega is based on dramatic work completed at Tech.

Adrian Vaughan
Department of Public Information
Texas Technological College

House Speaker Waggoner Carr of Lubbock has endorsed efforts of West Texas newsmen to encourage new voters to get their poll tax exemptions before the Jan. 31 deadline.

The drive is being conducted by a West Texas colony group of Sigma Delta Chi, national journalistic fraternity.

"During this year of international crisis, it is vitally important that all good citizens qualify to speak in selecting the leaders of our government," Carr declared.

Carr pointed out that "The young people of America have the most at stake."

Any person who became 21 in 1957 or who will be 21 sometime this year is eligible to receive a poll tax without charge.

Poll taxes and exemptions may be picked up at the Tax Collector's Office in the Lubbock County Court House.

Lubbock County Tax Collector Russell Hardin said local civic organizations probably will be opening special booths within the next three weeks to make the securing of poll taxes and exemptions especially convenient.

Cost of a poll tax is \$1.75 per person.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Texas Tech lies deep in the heart of oil country, a check with the Lubbock Chamber of Commerce reveals.

Within the wholesale trade area of Lubbock, where Tech's main campus is located, are 51,776 producing wells, 43 gasoline plants, four carbon black plants, and four oil refineries.

The area has oil reserves estimated at 7,100,000,000 or one-fourth of such reserves in the nation. The area produces 20 per cent of all U.S. crude oil.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Texas Tech offers 15 courses through its petroleum engineering department.

These specialized courses are related specifically to petroleum. In addition, a Tech petroleum engineering student must have a thorough grounding in mathematics, physics, chemistry, mechanical sciences, geology, and economics, before receiving a degree.

The department permits no grade lower than C in any petroleum course to be used in fulfilling requirements for a degree in petroleum engineering.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Midnight oil will be burned in greater quantities by Texas Tech students this week and next as final examinations get underway Saturday morning, Jan. 18.

The examination schedule at Tech will take up the entire week of Jan. 20-25 for regular day classes while those enrolled in the Evening Program will be tested Monday through Thursday nights, Jan. 20-23. All final exams are two and a half hours in duration.

The Spring semester at Tech officially opens Jan. 28 when entering freshmen assemble in Aggie Memorial Auditorium. Registration for all students will be held Jan. 30-31 and Feb. 1 and Spring semester classes begin on Feb. 3.

February 5 is the last day for late registration by regular students and Feb. 8 is last day adults in the area may enroll for evening and Saturday-only classes.

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LUBBOCK, Jan. --Scientists will scour an area within a 100-mile radius of Lubbock as part of a detailed archeological survey of the Southern High Plains to be conducted by Dr. Fred Wendorf of Texas Tech.

Cooperating will be some 35 members of the South Plains Archeological Society, said Wendorf, who received a \$300 grant for the project from the Tech Office of Research. He is associate professor of anthropology at Tech and assistant director of the West Texas Museum at Tech.

A listing of archeological sites and approximate dates when they were occupied by early plains dwellers is an aim of the project. It is the first serious effort to investigate the entire area thoroughly, Wendorf stated.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --A new course for area teachers, Comparative Education is one of ten graduate-level education courses to be offered from 6:30 to 9 p.m. Wednesday and Thursday nights during the Spring semester at Texas Tech.

Dr. Morris Wallace, Tech education department head, said the Comparative Education course involves a detailed study of the structure organization and purposes of education in other countries. It is offered in less than 30 of the higher institutions in the United States.

He said the Comparative Education course is important "in view of the increasing need to understand other cultures and to be able to contrast the various institutions of those cultures. One needs to know and understand their educational systems."

Four undergraduate education courses required for certification of Texas teachers will also be offered in the Tech Evening Program. A Saturday-only course in group processes will be offered next semester, he said.

Wallace said persons interested in these courses are asked to address inquiries to the Department of Education, Texas Tech, Lubbock. ###

LUBBOCK, Jan. --Texas Tech's School of Engineering has been elected to membership in the Atomic Industrial Forum, a leading international agency aiding development of nuclear energy for peaceful uses.

The Forum is one of more than 500 private and governmental organizations engaged in utilization of atomic energy and in research and training related to that field.

It offers a broad program of services and activities to assist in solving nuclear problems including the fields of business, technology, law, health, safety, and education. ###

Adrian Vaughan
Department of Public Information
Texas Technological College

A speech entitled "Colossus Electrons" describing the operation of the Air Force's huge electronic computers will be given at Texas Tech Science Club meeting by Dr. James A. Ward Wednesday at 7:30 p.m. in Home Economics 105.

Dr. Ward is a distinguished mathematician and electronic computer specialist for the Directorate of Research and Development, AF Missile Development Center, Holloman AFB, N.M.

Prof. C.E. Houston, of the Tech electrical engineering department, said Dr. Ward, whose math contributions have been frequently cited in mathematical journals on both sides of the Iron Curtain, is an extremely able speaker who can explain to the nonspecialist the involved nature, operation and contributions of the AF's huge, complex computers.

Houston said that the public is invited to attend this meeting of the Tech Science Club.

--30--

Ordinarily Texas Tech faculty members don't invite the public to final exams and ordinarily the public doesn't want to go anyway.

But there's a rule-proving exception tonight and Monday night.

Ronald Schulz, speech department head, has announced that all interested persons are invited to attend six dramatic presentations which are exams for a class in acting and stage directing.

Three of the presentations--each a portion of a play--will be given at 7:30 p.m. today in the Speech Building auditorium. Another three presentations are scheduled at 7:30 p.m. Monday at the same place.

--30--

Jan. 10, 1958

LUBBOCK, --What is the relationship between organized labor and management in the oil industry?

Field research about union-management relations in the petroleum industry is currently being conducted by Dr. Lester S. Levy, assistant professor of economics at Texas Tech.

Levy, who recently completed a similar study on the automobile industry while at Cornell University, has interviewed top management officials of the oil industry in their New York and Philadelphia petroleum headquarters.

The difference between union-management relations in the Southwest and that of the industrial East will be a major focal point of the research as it progresses, Levy said.

He noted that a substantial number of the organized workers in the petroleum industry, who are primarily in refining operations, belong to local independent labor unions rather than one large national union.

"This situation is quite different from the situations in other basic industries, such as steel and automobiles, where almost all of the organized workers are affiliated with large national unions covering the entire industry," Levy commented.

His study aims to explain this difference and its significance. The study will also involve an analysis of the growth of the petroleum industry and the unions and the changing patterns of collective bargaining and contract provisions, Levy said.

(more)

2--oil industry

He contacted a number of oil executives during the Christmas holidays to begin the initial phase of the study

"Everyone in the petroleum industry seems to think there is a bright future for the economic health of the industry," Levy noted. "There apparently is no fear that atomic energy will constitute a serious threat to the industry in the foreseeable future."

On the other hand, Levy found that there is a considerable difference of opinion among petroleum industry executives about the wisdom of importing crude oil from the Near East.

"Some believed that imported crude is sound economic policy for the U.S.," Levy stated, "while others feel that imported crude oil may constitute a threat to national security."

The economics teacher has received a \$300 grant from the Tech Office of Research for the initial phase of the union-management relations study.

He plans to contact union labor officials later this Spring.

Ultimately, Levy plans to combine the findings of his study of the auto industry with his research about the petroleum union-management set-up into a book.

"It will contain theoretical principles explaining the determination of union-management contract provisions," he said.

Levy earned a B.A. degree in economics at Rutgers University and M.A. and Ph. D. degrees in labor economics at Cornell.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --A producer and business manager have been selected for the 1958 Varsity Show at Texas Tech.

Noah Roger Loter, senior secondary education major from Plainview, was named producer. He was business manager of the 1957 Varsity Show.

David A. Edwards, sophomore pre-med major from Lubbock, will be 1958 business manager. He is a member of Sigma Alpha Epsilon, national social fraternity, and was a member of the '56-'57 Freshman Council at Tech.

Loter is the son of Mr. and Mrs. Henry D. Loter and Edwards the son of Mr. and Mrs. Russell Bean.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. ---A Texas Tech student with a flair for the air is the first in a group of Air Force ROTC cadets to win a private pilot's license under the pre-primary flying training program here.

Ervin B. Moreman Jr., industrial engineering senior from (2419 Orange) Amarillo, is the first of eight cadets to win a CAA license in the AFROTC program started in December.

Each cadet who qualifies for Air Force flying training gets 35-hours of flight training and 35-hours of ground school. Purpose of the new AFROTC program is to screen senior cadets who have qualified physically and mentally for pilot training to see if they have the necessary motivation and aptitude for flying.

With Cadet Major Moreman, motivation began at age 12 when he would ride his bike to the Amarillo Municipal Airport for a short lesson whenever he could save enough money for the fare.

He managed to log about 20-hours flying time over the past 12 years but never enough at one time to solo. That experience at the stick paid off for him, however. He soloed at Lubbock Municipal Airport after four hours of instruction.

The AFROTC flying program enabled him to finish what he started years ago and put him on his way toward winning the silver wings of an AF pilot.

He will be formally commissioned as a second lieutenant in the USAF Reserve at Tech Jan. 27 and expects to be on active duty some time in April. After completing an AF officer orientation course at Lackland AFB, he will be assigned for training at a primary pilot training base.

Moreman is the son of Mr. and Mrs. E.B. Moreman of Amarillo.

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Adrian Vaughan
Department of Public Information
Texas Technological College

Roger Hall of Lubbock, a 1956 graduate of Texas Tech, is a candidate for the doctor of philosophy degree at the Massachusetts Institute of Technology.

He is working on a new nuclear accelerator which will be used for basic research on high energy particles. The accelerator is on the Harvard University campus and is managed jointly by Harvard and MIT.

MIT officials estimate the research device will be completed in another four years. Major support for the project is from the Kresge Foundation and the National Science Foundation.

Hall is responsible for the design and testing of the accelerator's vacuum system.

Hall, who received a master of science degree in physics from Tech, is the son of Mrs. J.M. Hall, 1912 27th.

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Adrian Vaughan
Department of Public Information
Texas Technological College

Two assistant professors of Air Science at Texas Tech have been notified by Air Force headquarters that they will be promoted to captain.

First Lt. Robert D. Palmquist will be pinning on his captain's "tracks" Feb. 18 and 1st Lt. Billy B. Morgan's effective promotion date is March 27.

Morgan and Capt. Oscar B. Ogletree, also an assistant professor of Air Science and AFROTC detachment adjutant, have been notified by AF headquarters that they have been selected for the Regular Air Force.

Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech is observing Dead Week, the annual calm before the storm of final exams beginning next Saturday.

No extracurricular activities are scheduled on campus now through Friday as students and faculty alike tie up loose ends of fall semester work and prepare for the big tests.

In addition to Saturday finals, the exam schedule for regular classes will take up the entire week of Jan. 20-25. Those enrolled in the Evening and Saturday-Only Program will be tested Jan. 20 through 23 and Jan. 25.

The spring semester officially opens Jan. 28 when entering freshmen assemble at 8 a.m. in Aggie Memorial Auditorium. Registration for all students will be held Jan. 30 through Feb. 1 and classes will begin Feb. 3.

Late registration for regular classes will be allowed on one day, Feb. 5, while Feb. 8 will be the last day for registration in evening and Saturday only classes.

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W.R. Tatum, Co. Chairman
Public Information
Red Cross, 1641 Broadway
Lubbock, Texas

Senior members of Girl Scout Troop No. 37 will begin a Red Cross course in "Care of the Sick and Injured" Wednesday and an adult class will start Monday morning at 9:30 a.m. at the ARC Chapter House, 1641 Broadway.

Mrs. Richard Tatum, county chairman for Red Cross Home Nursing, said that enrollment is still open for the adult class that will be held from 9:30 to 11 a.m. Jan. 13-15-17 and Jan. 20-22-24.

Those wishing to enroll should attend the first meeting Monday. Mrs. Hubert Martin is the volunteer instructor of the adult class.

The Girl Scouts who complete the 14-hour Home Nursing course will be eligible for the Girl Scout hospital aide service bar. Mrs. Joe Hodges, volunteer ARC Home Nursing instructor, will teach the course.

Senior scouts enrolled in the course are Barbara Black, Ann Couch, Sylvia Cunningham, Sandra Gibbs, Sandra King, Janice Marsh, Sharon Mills, Sandra Pantel, Sharon Myrick, Lois Penney, Bette Carole Poff, Betsy Robinson, Shirley Sessums and Mary Taylor. The Troop leader is Mrs. F.N. Robinson.

The girls will attend classes at the ARC Chapter House on Wednesdays from 4 to 6 p.m. for the seven lessons.

Only cost for a Red Cross Home Nursing course is 75-cents for a text book. Trained volunteer instructors are available in Lubbock for any group that wishes to learn better techniques of taking care of sick or injured persons, Mr. Tatum said.

###

Adrian Vaughan

Lubbock Firemen will be available this year to issue poll taxes and exemptions, Chief Glenn Smith told officials of Sigma Delta Chi, journalistic fraternity, Saturday.

Details of when the poll taxes will be available at local fire stations will be announced later this week, Smith said.

Firemen in the neighborhood and downtown stations will be deputized to issue the poll taxes as a special convenience to Lubbock County residents.

The plan, begun last year, worked especially well because the firemen were available for such work at nearly all hours of the day--except when out on calls about fires--and because ample parking was available around the stations.

A West Texas colony group of Sigma Delta Chi is supporting the poll tax drive this year, along with other service organizations, and is giving special emphasis to the fact that young people whose 21st birthdays come in 1957 or 1958 are eligible to receive poll taxes without paying the usual \$1.75 per person.

Deadline for getting poll taxes this year is Jan. 31.

###

LUBBOCK, Jan. --A detailed archeological survey of the Southern High Plains will be conducted by Dr. Fred Wendorf of Texas Tech with a \$300 grant obtained through the Tech Office of Research.

Cooperating in the project will be some 35 members of the South Plains Archeological Society, EWendorf said.

The scientists will scour an area within a hundred-mile radius of Lubbock, listing archeological sites and the approximate dates when the sites were occupied.

Representative materials from each site will be collected and photographed.

Wendorf said the Southern High Plains are rich in archeological remains. The new project will be the first serious effort to investigate the entire area thoroughly, he added.

Liaison between Wendorf and the South Plains Society will be (in charge of) W.C. Watts of Lubbock, president of the organization. Watts is a science teacher at Lubbock's Monterey High School.

Wendorf is associate professor of anthropology at Tech and assistant director of the Museum.

His grant is the fourth made this year to Tech faculty members through the Office of Research, a central agency of information and counsel on such projects.

Other grants have been to Sylvan Dunn for a study of the weather and its effect on Texas history, to Dr. Lester Levy for research on union-management relations in the petroleum industry and to Dr. Lawrence Bowling for a study of works by Writer William Faulkner.

Head of the Office of Research is Dr. Sylvan J. Kaplan.

MAILING SCHEDULE FOR JAN. 20-26[illegible]

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Scabbard and Blade, honorary military organization at Texas Tech, has initiated eight men.

Initiated were Gary W. Smith, senior mechanical engineering major from Lubbock; Arthur B. Montgomery, senior accounting major from (1406 West Kentucky) Midland; John F. Lott Jr., junior agriculture economics major from Lubbock.

Also, John Bates, junior petroleum engineering major from Breckenridge; Gary E. Orren, junior electrical engineering major from (1109 Bewick) Fort Worth; James L. Mays, junior office management major from Van; James T. Knorpp, junior industrial engineering major from (Rt. 4, Box 329) Amarillo; and John Bratton, junior electrical engineering major from Del Rio.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Pi Kappa Alpha, national social fraternity at Texas Tech, has elected officers for the Spring Semester.

James W. McPherson, senior agronomy major from Lubbock, was named president.

Other officers chosen were: vice-president--Walter Champ Turner, junior petroleum engineering major from Belen, N.M.; secretary--Clayton Roberson, senior petroleum geology major from Stephenville; and treasurer--Phil A. Steen, sophomore agronomy major from (502 Grant Place) Corpus Christi.

SUITABLE FOR TIME COPY

LUBBOCK, --A Texas Tech graduate fellow is proving that a strip of tape flowing past a photoelectric cell can be a magic carpet to learning.

Tape recorders have been used around Tech for some time as aids to blind students and to speech students who want to analyze their voices.

But those uses are just starters so far as modern education is concerned, in the opinion of Mrs. Dolores Kilchenstein, a former member of Kilgore College's famed Rangerette drill team. She is the daughter of Mr. and Mrs. J.G. Tuttle of Kilgore.

Mrs. Kilchenstein, who transferred to Tech to major in business education, became interested in tape recorders as a senior last Spring.

First, reasoned Mrs. Kilchenstein, why should a student who has been unavoidably absent from class have to decipher a friend's lecture notes? Why not keep the teacher's lectures on tape for a week or so for the benefit of such absentees.

That led to another idea. Some lectures present material that is particularly difficult to absorb. The teacher can't be asked to repeat the complicated knowledge over and over again, but a tape of his voice can. Many students are grateful for the chance to go over his interpretations of difficult material.

Tapes of such lectures also can be used in drills to improve student listening and note taking habits.

(more)

The magic of magnetic tape can bring reality and glamour to education, Mrs. Kilchenstein pointed out. Tapes can pick up the words of an outstanding salesman as he talks candidly with a prospect, or of other business and professional transactions.

Still other tapes can record the inspirational messages of national conventions or interviews with recognized experts.

Prospective secretaries can become steeled to the dictation of hard-to-understand bosses through drills with tapes of such voices.

The hard-come-by rhythm drills needed in typing classes can be preformed flawlessly on edited tape. And through that medium, the teacher can multiply himself as much as needed to drill groups within a class according to their advancement.

A teacher can even save time by recording his opening remarks on tape and playing it for the class as he checks the roll, Mrs. Kilchenstein added.

Obviously such practical imagination isn't going to be overlooked. Mrs. Kilchenstein's ideas have won her fourth place in a nation-wide contest sponsored by Audio Devices Inc. to discover new uses of tape.

The ideas also helped win her a graduate teaching fellowship in Tech's business education department this year.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBROCK, Jan. -Silver eagles signifying the rank of colonel were pinned on James B. Carvey, commander of Texas Tech's Army ROTC unit, here Monday.

Col. Carvey, who assumed command of the unit in September, was notified of his promotion by Department of Army, Washington, D.C., on Monday.

On hand to help him replace the lieutenant colonel's silver oak leaves he'd worn since October 1945 were his wife and daughter Joan, 17-year-old high school senior. Looking on were daughters Lucinda Ann, 15, Patricia, 9, and Jacqueline, 6.

A 1939 graduate of the U.S. Military Academy, the Colonel came to Tech after 16 months of duty with 8th Army Headquarters in Korea.

Carvey's first assignment after graduation from West Point was with the 26th Infantry which was a part of the 1st Infantry Division. He saw action with the famed "Big Red-One" division beginning with the invasion of North Africa and continuing through the Tunisia, and Sicily campaigns.

He was injured in the Normandy invasion, rejoined the 26th Infantry briefly during July, 1944, and after another period of hospitalization in England, he served in operations for the Chief of Staff, U.S. Army.

For his combat service, Col. Carvey was awarded the Silver Star for gallantry in action, the Bronze Star with "V" device for heroic achievement against the enemy, the Purple Heart and the French Croix de Guerre. He has also been awarded the Combat Infantryman's Badge.

After attending the Command and General Staff College, Fort Leavenworth, Kans., in 1948-49, he served three years in London with the North Atlantic Treaty Organization. He commanded a battalion in the 3rd Infantry Division at Fort Benning, Ga., in 1954-55 before going to Korea.

His wife is the former Florence Mennerich of Newburgh, N.Y.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AGRICULTURE EDITORS

LUBBOCK, Jan. ---Forty-four head of prize Texas Tech sheep, steers and hogs will be entered in the Southwestern Exposition and Fat Stock Show opening this week in Fort Worth.

Dr. N.C. Fine, head of Tech's animal husbandry department, said three Tech judging teams will also participate in the annual event.

Tech Agriculture Dean W.L. Stangel will be superintendent of the Steer department at the Fat Stock Show.

Eight animals will be entered in the Junior Class Open Steer exhibit. Ray Sims, Lubbock animal husbandry student, is in charge of the Tech steers.

Myron Hillman of Mullin will be in charge of the 30 Rambouillet, Hampshire and Southdown sheep to be entered.

The six Poland and Hampshire hogs entered in the Fort Worth show will be attended by W. Nelson Christie, Tech herdsman.

Slated to compete Monday (Jan. 27) is the Tech dairy cattle judging team coached by Koy L. Neeley, associate professor of animal husbandry. Team members are James M. Menzie, Menard; Jimmy Leath, Rhome; Charles W. Cobb, Claude; James L. Knowlton, (Rt. 11, Box 339) San Antonio; and Jerry Don Stockton, Tuscola.

The dairy judging team will leave Friday and work out en route at Abilene Christian College; Payton Farm, Stephenville, and Bluff View Farm, Dallas.

Meats team students making the trip to Fort Worth are Morgan Howard, Lubbock; Ronald Smith, Arlington; Richard Ligon, Loving; Billy J. Boyd, Crosbyton; William Edwards, Lubbock and Ray Eitelman, (3736 Westcliff Rd.) Fort Worth.

(MORE)

2--Tech judging teams

Coleman O'Brien, team coach and assistant professor of animal husbandry at Tech, said the meats team grades butchered meat, keeping in mind what the consumer wants.

Two 1957 meats team members are now with the Federal Meat Grading Service, he said.

Livestock judging team coach Stanley Anderson said that six Tech students will compete in judging contests at Fort Worth. They are Bob Coleman, San Saba; Dale Herring, Talpa; Myron Hillman, Mullin; Billy D. Lane, Lubbock; Roy Milhoan, Wildorado; and Edwin Robertson, Breckenridge.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Members of the newly organized Modern Dance Club of the Women's Physical Education department at Texas Tech will participate in a musicale here Feb. 16-17.

The show -- presented "Like You Like It" by the Tech choir and orchestra -- is being staged to help defray expenses when the Tech Choir goes to New York this Spring to appear on Ed Sullivan's television program.

Directed by Miss Jane Perry, members of the Modern Dance Club participating in the Tech show are: Kay Adkins, junior music education major from (2719 Federal St.) El Paso; Gayla Cauthen, sophomore elementary education major from Sheffield; Maris Durham, freshman architecture major from (3104 Fitzhugh) Fort Worth.

Mary Herrington, sophomore in arts and sciences from (202 Casa Grande) Odessa; Lynita Jacobs, senior physical education major from Lubbock; Martha Kenley, sophomore Spanish major from (1307 South Madison) San Angelo; Judy Long, freshman psychology major from (3312 Inwood Rd.) Dallas.

Lindsey Lyons, sophomore secondary education major from (2501 Douglas Dr.) San Angelo; Marilyn Morris, sophomore in arts and sciences from Big Spring; Brownell Queen, junior physical education major from (2213 Princeton) Midland; and Marsha Reiley, sophomore speech major from (4312 Arden Pl.) Fort Worth.

Joining with the group in the dance sequence of the show are Eugene Miles, senior architecture major from Hereford; Tom Holeman, senior chemical engineering major from Lubbock; Bill Lewis, junior recreation major from Lubbock; Delbert Browning, junior finance major from Jal, N.M.; Edgar James, sophomore architecture major from Groom; Cary Spikes, Yvette Johnson and Bob Wall all of Lubbock.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Nineteen Texas Tech electrical engineering students have been initiated by Eta Kappa Nu, national honorary association.

To be eligible for membership in Eta Kappa Nu, seniors must be in the top quarter of the electrical engineering class and juniors must be in the top third of their class.

Those initiated are:

Abilene--James Robert Hopkins, senior (730 Amherst).

Big Spring--Floyd Alton Dixon, senior.

Canadian--Larry Hugh Pinson, junior.

Havana, Cuba--Robert Edward Cardwell, junior.

Dallas--William Jenkins Jr., junior, (3803 Dempster St.); Curtis Allen Ritchie, senior, (6910 Lovett Ave.).

Hereford--Donald Eugene Schmitt, junior.

Houston--Herbert Eldred Gatlin, senior, (4922 Arvilla).

Lockney--Jack B. Johnson, senior; Jerry Dale Holmes, senior.

Lubbock--Donald Ray Jones, junior; Jerry Leo McFarland, senior; Stanley Mason McWhirt, junior; Lilburn Ray Smith, junior.

Plainview--James Eldon Steelman, junior.

Silverton--Philip C. Nettleton, junior.

Sudan--Dennis George Kuhler, senior.

Sunray--Alfred Joseph Henson, senior.

Sweetwater--William Franklin Kelly, junior.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION PETROLEUM EDITORS

MIDLAND, Jan. 22---Leaders of the West Texas Oil Lifting Short Course, have announced that more than 40 papers have been obtained for the fifth anniversary meeting April 17-18 at Texas Tech.

Ray Diekemper of Lubbock, Short Course general chairman, and members of the course's Administrative Committee have met in Midland to review abstracts of the papers.

Rex Brown of Lubbock indicated that the number of papers should exceed 50 before the final meeting of the Committee, scheduled for Midland March 19. Brown is in charge of papers to be presented.

Last year's Short Course drew a record attendance of 525 persons who heard 44 papers.

"This year we expect to break both records," Diekemper said. "We expect more persons to attend and hope to have more and better papers."

The Administrative Committee, composed of oil-industry representatives and Tech petroleum engineering faculty members, began planning this year's program last Fall.

The Short Course originated in 1953, when oil-industry representatives met with the faculty of Tech's petroleum engineering department to discuss presenting such a course to keep oil field men up to date through discussion of problems, and to render a service to the oil industry through keeping abreast of progress related to problems in the field.

The first Short Course was held on the Tech campus in April, 1954. The total enrollment was 285, and 21 papers were presented. The course has continued to grow each year.

(MORE)

2--Oil Short Course

Papers presented at the Short Courses have been published in bound volumes which are available from the Short Course Assn. at a nominal cost.

Attending the Midland meeting were Diekemper and Brown; E.D. Anderson, Lone Star Producing Co., Dallas; D.C. Brown, Sun Oil Co., Midland; W.B. Johnson, Atlantic Refining Co., Odessa; Barney O. Carlson, Shell Oil Co, Midland; Fred Gipson, Continental Oil Co., Big Spring; and D.H. Kimball, The Texas Co., Wichita Falls.

Also Jack Ward, Plastic Applicators Co., Odessa; A.A. Hardy, W.C. Norris, Mfg. Inc., Tulsa, Okla; and W.L. Ducker, Philip Johnson and Bill Whitted, all of Tech.

Neal McCaskill, Atlantic Refining Co., Midland, represented the Short Course Board of Directors at the meeting.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION PETROLEUM EDITORS

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Many Texas Tech coeds are heading for jobs in the petroleum industry and they know it.

Typical of these is Bette Montgomery of Matador, who became interested in such a career after visiting with older girl friends who had found jobs in the industry.

Bette decided to study four years at Tech, majoring in secretarial administration rather than spend much less time in a specialized business school.

The reason, she said, is that the college work is considered by most companies as the best preparation for an executive secretary's job.

"You can get such a job without a college education," Bette pointed out, "but usually you can get one a lot faster because of college training."

In her junior year, Bette went by the Tech Placement Office for an interview with officials of Sun Oil company with operations in Midland.

They counseled her about her studies and offered her work last summer in their Dallas offices. She accepted.

Now in her senior year, she's finishing up studies in such courses as office management, data processing, economics, business law, personnel management and geology. Of course, she also has completed numerous courses in the humanities as well.

This semester she is spending part of each day in an internship with a petroleum firm that has offices in Lubbock.

(MORE)

2--petroleum secretary

When she receives her bachelor of business administration degree this year, Bette will find a choice of jobs awaiting her, Tech placement officials said.

Beginning salaries for top-flight secretarial administration graduates are averaging about \$329 a month this year.

Bette's main extracurricular interest at Tech is her social sorority, Delta Gamma. She has been song leader and rituals chairman for the group.

Bette's parents are Mr. and Mrs. Frank Montgomery of Matador.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Texas Tech geology students regularly hear authorities on specialized aspects of geology thanks to a cooperative program between Tech and the Lubbock Geological Society.

Distinguished lecturers sponsored by the American Society of petroleum Geology are brought to Lubbock and the Tech campus for lectures.

In March the two groups are scheduled to hear Dr. S.K. Runcorn, professor of physics at Kings College, England, speak on "Paleomagnetism," Clayton Valder, Pan American Oil Co. geologist and vice-president of the Lubbock society, said.

In April the groups will hear a lecture by Dr. T.H. Van Andel, associate director of the American Petroleum Institute's Project 51. His topic will be about the Project 51 study of recent sediments of the Gulf of Mexico that is being carried on at the Scripps Institute of Oceanography, La Jolla, Calif.

Other distinguished lectures appearing at Tech this year include Dr. D.L. Blackstone, professor of geology at the University of Wyoming, who described the tectonic framework of the Rocky Mountains, and Dr. A. I. Leborsen, consultant geologist, who lectured on applications of regional paleogeology.

Also speaking here were Dr. L.L. Sloss, professor of geology at Northwestern University, who spoke on stratigraphic analysis and the search for oil, and Dr. Warren O. Thompson, professor of geology at Colorado University, who described ancient beaches and the search for oil.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK --Sixteen groups within the petroleum industry are providing scholarships totaling \$11,650 this academic year at Texas Tech.

Most of the scholarships are in engineering, but business administration and various arts and sciences also are represented. All the grants mentioned are administered by the Tech committee on scholarships and awards.

The Olson Drilling Co. of Midland provides a \$500 American Institute of Mining and Metallurgical Engineers scholarship in petroleum engineering, while other grants specifically in that field are given by the Gardner Denver Co. (\$2,000) Socony Mobil Oil Co. (\$400) and the Magnolia Petroleum Co. (\$400).

Magnolia has made possible another \$400 scholarship in electrical engineering. Schlumberger Corp. gives \$500 to a science or engineering student who has had at least 12 semester hours of study in subjects involving uses of electricity.

Several grants are for work in the field of engineering generally, including those of the American Petroleum Institute's South Plains chapter (\$500), Cities Service Oil Co. (\$600), Standard Oil Co. of Texas (\$500), Texas Co. (\$250), and the D.D. Harrington freshman engineering scholarships made possible by the Panoma Corp. A total of \$1,500 is available for the Harrington awards, which range from \$300 to \$500, depending on circumstances.

Standard of Texas also provides a \$500 grant in geology.

The Barton Foundation--organized by Col. T.H. Barton, Lion Oil Co. board chairman--has made available a fund at Tech which may be used for scholarships in arts and sciences as needs indicate.

(MORE)

2--Petroleum industry scholarships at Tech

A \$500 scholarship in mechanical engineering is given by the Atlantic Refining Co. and Continental Oil Co. provides a \$500 scholarship in chemical engineering. A \$600 grant is awarded by the Eastern States Petroleum Co. in chemistry or chemical engineering.

The Rowan Drilling Co. gives two \$250 scholarships for use in mechanical engineering, petroleum engineering or business administration.

The Texas Pacific Coal and Oil Co. provides two \$750 grants for children of employees or deceased employees. Preference is given applicants who are majoring in courses considered of particular use in the petroleum industry.

Many of the scholarships mentioned provide tuition and fees in addition to the amounts listed.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

If you should happen to see a broad-brim, flat-crown black hat being worn around Lubbock, chances are the wearer will be Dr. David M. Vigness, Texas Tech associate professor of history, who has just returned from Chile.

The black "huaso" hat is standard apparel for Chilean cattlemen and is as common there as the Stetson is in West Texas.

Vigness and his family spent seven months in Chile where he was a Fulbright lecturer on American Civilization at Catholic University of Santiago and the University of Chile in Santiago.

"The purpose of the Fulbright program is to help develop understanding between our country and others," Vigness said. "I hope the Chileans benefited as much as I did."

He found Chileans greatly interested in the United States and, like many Americans abroad, he discovered they had misconceptions about the U.S. because of American movies.

In addition to teaching contemporary American history and methods of historical investigation, Vigness was asked by the U.S. Embassy to give lectures throughout Chile on American democracy.

That's when he faced a barrage of questions about (1) "Little Rock," (2) "Giant" which was playing in Chilean theaters last Fall, and (3) "Sputnik" and what the U.S. is doing about it.

"That's why the Fulbright program is good," Vigness said. "If only more Americans could go to other countries and answer their questions--."

He said there is no censorship in Chile and that they have a real political democracy -- even to the extent of having about 25 different parties.

(MORE)

2---Dr. David Vigness returns

"The Chilean standard of living is higher, in many respects, than standards in other South American countries," the Tech teacher said. "But at the present time, Chile is in economic difficulty."

When the Vigness family arrived in Chile last June, the monetary rate of exchange was 714 pesos to \$1. When they departed last week, the exchange was 800 to 1.

At the same time, Chile has an extensive Social Security program that includes socialized medicine for those classified as commercial and domestic employees and farm laborers. While this system is progressive, the economy won't support it, Vigness stated.

The program was established when Chile benefited from her nitrate exports during and after World War I and from the copper exports during World War II. Since the decline of these exports, the economy has suffered accordingly, said Vigness who was able to discuss the problems with various government officials.

Vigness and his family were able to visit Argentina and Peru during their South American sojourn.

"We were struck by the difference in various South American countries," Vigness commented. "Generally, we in the U.S. lump all Latin countries together as being alike."

He noted that the Chilean population was practically European because there is no large Indian population there. Most of the people are of Spanish Castilian or Basque origin.

Part of the population is of German origin from settlers who went to Chile in the 1840's.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION FARM EDITORS

LUBBOCK, Jan. --Texas Tech researchers are seeking some definite answers to a current agricultural debate over the "pig parlor" method of hog raising versus the open-field method.

The question under study is whether or not one method produces better meat than the other.

In the pig parlor method, the swine are kept inside a room with a washed cement floor, and are allowed virtually no exercise. They eat from nearby feeders.

The exercise, or open-field method, allows the hogs to range freely over an outside plot, without so much thought being given to movement and sanitation.

Making a controlled study of the two situations is Billy Greer Jackson, a Tech graduate student now teaching vocational agriculture at Boys' Ranch near Amarillo.

Jackson has taken 20 hogs and divided pairs of litter mates into two herds. That is, one litter mate went into one herd, the other mate into the other herd. Three breeds were utilized: Yorkshire, Poland and Hampshire.

One group was raised by the confined method, the other by the exercise method.

The hogs have been butchered and the meat now is being analyzed. Tech nutritionists are studying the palatability, tenderness and flavor of the meat samples, while chemists are running tests on fat content of each one.

Jackson, who is working toward a master's degree with a major in animal husbandry, is being supervised by Dr. N.C. Fine, and Coleman O'Brien.

The project is being done in conjunction with the Tech Office of Research.

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Adrian Vaughan
Department of Public Information
Texas Technological College
Suitable For Time Copy

IURBROCK, --Texas Tech's Red Raider isn't the only one who may be seen wearing a broad-brim, flat-crown black hat around the campus these days.

On appropriate occasions, another person sporting such headgear is Dr. David M. Vigness, Tech associate professor of history who has returned for the spring semester after a teaching assignment in Chile.

The black "huaso" hat is standard apparel for Chilean cattlemen and is as common there as the Stetson is in West Texas.

Vigness and his family spent seven months in Chile where he was a Fulbright lecturer on American Civilization at Catholic University of Santiago and the University of Chile in Santiago.

"The purpose of the Fulbright program is to help develop understanding between our country and others," Vigness said. "I hope the Chileans benefited as much as I did."

He found Chileans greatly interested in the United States and, like many Americans abroad, he discovered they had misconceptions about the U.S. because of American movies.

In addition to teaching contemporary American history and methods of historical investigation, Vigness was asked by the U.S. Embassy to give lectures throughout Chile on American democracy.

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"That's why the Fulbright program is good," Vigness said. "If only more Americans could go to other countries and answer their questions--."

He said there is no censorship in Chile and that they have a real political democracy -- even to the extent of having about 25 different parties.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Fifty-one Texas Tech students have been selected to appear in the Tech choir for its winter musical, "Like You Like It," Feb. 17-18 in Lubbock Municipal Auditorium.

Joining the choir in the presentation of musical favorites from classics to rock and roll will be Tech's orchestra and Modern Dance Club.

Profits from the venture will be used to help send the choir to New York City this Spring to appear on Ed Sullivan's television show.

Scheduled to sing with the choir during the show are:

Amarillo--Carol Carthel (209 Arch Terrace); Betty Townsend (1601 Crockett); Don Armstrong (2004 Monroe); Sharon Dudley (601 North Grand); Johnny Gilbert (1906 Crockett); Rex Pope (4207 Clifton Ave.); Kenny Prickett (4438 Parker).

Arlington--Sandra Hemmle.

Borger--Glenda Keith and Shirley Bollen.

Breckenridge--Dale Boyett.

Dallas--Douglas Pummell (4916 Clear Creek Rd.); Charles Sanders (6515 Velasco); Richard Watkins (2514 Emmett St.).

El Paso--Kay Adkins (2719 Federal St.); Peggy O'Neill (348 Vivian Dr.); Martha Wynes (3905 Chester); Johnny Devine (1122 Del Rio Dr. Joe Muckleroy (2823 Louisville).

Fort Worth--Johnny Matson (3249 Green St.).

Friona--Deniese Magness.

Hobbs, N.M.--Bob Wham.

Idalou--Bobby Boyd.

Jacksboro--Von Prah.

(more)

2--Tech Choir Winter Musicales

Loving--Larry Dickson.

Lubbock--Nan Kelly, Irma Knowles, Martha Mack, Beverly Austin, Audroy Carver, Yvonne Skinner, Roberta Elliott, Dorothy Pigan, Ann Porter, Glen Burns, John McGraw, Gayle Boyd, James Greer, Bob Key, Dick Scales, George Dawson and Ray Moore.

Midland--Roger Coil (1707 West Texas Ave.).

Monahans--Ray Ola Schneider.

Odessa--Thomas Sanders (900 West 23rd).

Pecos--Dick Toll.

Plainview--Robert Farmer.

Rails--Bettye Jo Tyer.

Rule--Mary Jane Campbell.

Snyder--Louise Davenport and Joe Davenport.

SUITABLE FOR TIME COPY

LUBBOCK, --Western gunslingers of television fame are Eastern dudes in comparison to "Rip" Ford and his Indian fighters who battled the wily Comanches in West Texas during the late 1850's.

William J. Hughes, instructor and doctoral candidate in history at Texas Tech, describes "Rip" Ford's Indian fight on the Canadian River in the current issue of the Panhandle-Plains Historical Review.

When Regular Army contingents were transferred from northwest Texas to more troublesome areas in other territories, the Comanche horsemen swept through white settlements in 1857 "and the reeking casualty lists and tools of vanished or destroyed property again began to mount," Hughes writes.

The Federal government stalled in answering pleas of the settlers for more protection and finally Governor Harding R. Runnels obtained \$70,000 from the State Legislature to mobilize an additional 100 men to bolster the Ranger ranks.

John S. "Rip" Ford, who had proved himself with Col. Jack Hays in earlier years, was named Senior Captain of the group and by February 1858 the Rangers were on the march.

"Most of the men, like Ford, carried two Navy Colts, and every man had at least one, as well as the familiar muzzle-loading rifle," Hughes writes. "The firepower of the force was estimated at 1,500 rounds without reloading."

While the Rangers had no uniform, "broad-brimmed hats, pulled low over the eyebrows, and high boots, into which trousers were tucked gave a certain uniformity to the column, as did the cap-and-ball rifles with walnut butts protruding forward from rawhide boots."

(more)

The punitive expedition was joined by Indians from the Texas reservations and representatives of at least a half-dozen Indian nations accompanied the Texans, Hughes reports.

Marching with the Rangers were the Caddo-Apacharko group, the cannibal Tonkawas, a mixed command of Shawnees and Delawares, the Wacos and the Tahuanacos.

Ford's scouts discovered a Comanche encampment in the vicinity of the Fort Smith-Santa Fe "bull wagon" road where it topped the Washita-Canadian divide. The battle began about 7 a.m. and was over by 1 p.m. when the remaining Comanches fled northward.

A surprising and little known fact about the Tonkawas is revealed by Hughes:

"As the Rangers again plodded through the debris of Iron Jacket's shattered village, commenting on the piles of gorgeously beaded buffalo robes, the bales of dried meat, and the heaped containers of corn-meal, salt and coffee obtained by the Comancheros, Ford was astonished to notice that among the bodies of the Comanche braves there were some which lacked hands and feet."

The reason soon became clear for "The missing extremities dangled from Tonkawa saddle bows; those wolfish people were planning a victory feast."

The battle came just in time for one of the prisoners revealed that the Comanches were drying and packing meat for use on a campaign against the settlers and reservation tribes. Hughes said.

Ford's official report tells the true value of the expedition:

"Indians can be pursued and caught in the Buffalo region -- the country beyond the Red River can be penetrated and held by white men, and the Comanches can be followed, overtaken and beaten, provided the pursuers will be laborious, vigilant, and are willing to undergo privation."

(more)

3--"Rip" Ford's Indian fighters

The result was that the War Department changed its policy from a defensive concept to one of attack, Hughes said. After the Civil War, Army commanders like Van Dorn, Custer, Miles, Mackenzie and Crook led the long blue files into the heartland of the nomadic foe.

An example had been set for them, Hughes writes, "in the Spring of 1858 by a hundred youthful Texans led by "Old Rip" Ford."

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Seven Texas Tech graduating seniors will receive reserve commissions in the U.S. Army at Army ROTC ceremonies here Monday (Jan. 27).

Col. James B. Carvey, Army ROTC commander at Tech, will administer the oath of office to the graduates at 10 a.m. in Building M-2 on the campus. The public is invited to attend.

All of the new officers will go on active duty tours within the next four months, ROTC officials said.

Those receiving reserve commissions are:

Bronte--James R. Evans, civil engineering major, will first be assigned to Ft. Belvoir, Va., where he will take a basic officer engineering course. He is the son of Mr. and Mrs. W.S. Evans.

Cactus--Joe Bob Hampton, industrial engineering major, will receive his commission in the artillery branch and will take a basic officer artillery course at Ft. Sill, Okla. He is the son of Mr. and Mrs. O.C. Hampton.

Dublin--Carson H. Loving, agriculture engineering major, is being commissioned in the Army chemical branch. He will take basic officer chemical training at Ft. McClellan, Ala. He is the son of Mr. and Mrs. J.W. Loving.

Fort Worth--Darrell Dean Smith (7163 Hovenkamp), architecture major, is being commissioned in the Army Signal Corps and will take a basic officer signal course at Ft. Monmouth, N.J. He is the son of Mr. and Mrs. C.B. Smith.

Hereford--Buryl G. Fish, agronomy major, will be commissioned in the infantry branch and will take basic officer infantry training at Ft. Benning, Ga. He is the son of Mr. and Mrs. J.H. Fish.

(more)

2--Army ROTC Reserve Commissions

Hawley--Merwin L. Downey, geology major, will be commissioned in the Army Signal Corps and receive basic officer signal training at Ft. Monmouth, N.J. He is the son of Mr. and Mrs. M.L. Downey.

Stephenville--William R. Herrin, petroleum engineering major, is being commissioned in the Quartermaster Corps. Herrin will receive basic officer quartermaster training at Ft. Lee, Va. His parents are Mr. and Mrs. Robert Herrin.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Formal commissioning ceremonies for Air Force ROTC graduates will be held Monday (Jan.27) at Texas Tech.

Lt. Col. Newton B. Wilkerson, AFROTC commanding officer at Tech, will present reserve commissions to the graduating seniors at the exercise that will begin at 3 p.m. in Air Science Building M-1 on the Tech campus. The public is invited to attend.

Guest speaker for the occasion will be 2nd Lt. Dwayne West, a 1956 Tech graduate and varsity football player, who was the honor graduate at Reese AFB Jan. 18.

Those receiving Air Force Reserve commissions include:

Amarillo--Ervin B. Moreman Jr. (2419 Orange), industrial engineering major, son of Mr. and Mrs. E.B. Moreman. He is slated to enter primary flight training this Spring. Moreman completed AFROTC summer training at March AFB, Calif., in July 1956.

Fort Worth--Lester R. Williams (425 Eastwood Dr.), industrial engineering major, son of Mr. and Mrs. Lester R. Williams. Williams is scheduled to begin his active duty tour this Spring. He completed AFROTC summer training at Williams AFB, Ariz., in July 1956.

Lubbock--Rudolph A. Brenn (1901 25th St.), son of Mr. and Mrs. R.A. Brenn, is a government major. Brenn completed AFROTC summer training at Norton AFB, Calif., in July 1955. He previously served four years in the USAF.

Lubbock--Charles V. Hill (3810 42nd St.), government major, is the son of Mrs. Ruby Hill. He completed summer training at Webb AFB, Tex., in August 1956.

LUBBOCK, Jan. --The persons who create spotlights will step briefly into the beams themselves Tuesday night (Jan. 28) at Texas Tech.

The South Plains Chapter of the Illuminating Engineering Society will receive its charter at a 7 p.m. dinner in the Tech Union ballroom.

One of the nation's outstanding authorities on illumination for athletics--Wallace D. Weld of Chicago-- will speak at 8 p.m. in the ballroom.

IES officials invite all persons interested in outdoor illumination to hear Weld's talk on "Flood Lighting of Sports Areas."

In addition to being of interest to athletic coaches and educational administrators, the talk is expected to include information of value to architects, optometrists and farmers and businessmen whose operations include outdoor floodlighting.

Weld has been a member of IES since 1938 and for the past 16 years, has been in charge of design, testing and application of flood lights for Revere Electric Manufacturing Co. of Chicago.

Invited guests for the charter dinner include five persons from the Amarillo chapter of IES: Frank Donahue, chairman; Leroy Gross, secretary-treasurer; Tom Lynn, membership chairman; and Gordon Baldry and Charles Pierce, members.

Other invited guests include Reuben K. Lothrop, IES regional vice-president from Shreveport; John G. Felton Jr., immediate past vice-president of IES from Dallas; area high school superintendents and athletic directors, and Tech officials.

The South Plains colony group was organized in a meeting last May 23 on the Tech campus. Training meetings have been held regularly since, with visiting IES speakers participating.

(more)

2--Illumination meeting

The Panhandle Chapter of IES at Amarillo sponsored formation of the South Plains chapter, which now had 34 members. Prospects are good for exceeding 50 members this year, officials said.

The national organization was started in 1906 and now has more than 10,000 members.

The South Plains Chapter will help promote better lighting in the region's schools, homes, public buildings, business offices and recreation areas.

Engineering members and affiliate members of the South Plains colony group include the following from Lubbock: Dr. J. Davis Armisted, Robert Brasher, Dr. Glenn S. Burk, Calvin Campbell, Douglas Carlisle, Dr. William M. Cavley, T. DeWitt, Herman Garrett, Vernon Gatewood, V.E. Gensmer, Bob Goodson, James Hartsfield, Jay Haynes, Dr. C. Earl Hildreth.

Frank Kilcrease, Fred Litton, Wayne Mann, Robert Mason, Tom Morton, Dr. C.M. Neel, Charles Nelson, Jack Nelson, Stewart O. Norris, Kenneth Owen, Jack Roberts, Harry A. Sallinger, B.A. Schmidt, John Stanley, W.J. Vickery, Art C. Waghorne, Dr. B.J. Welch, and Ira L. Williams.

Members from Plainview include James Gage and Bub Laird.

Adrian Vaughan
Department of Public Information
Texas Technological College

Young voters receiving their first free vote this year will be saluted at half-time at the Texas Tech--Baylor basketball game Saturday night in Municipal Coliseum.

The West Texas Chapter of Sigma Delta Chi journalistic fraternity and Tech's Band and Flying Matadors will join efforts in a halftime pageant entitled, "The Price of Freedom."

Henry R. McKee, news editor of the AVALANCHE-JOURNAL and president of Sigma Delta Chi, said the Flying Matadors are scheduled to perform a dramatic flaming torch exhibition which will represent the symbolic struggles for freedom the world faces today.

"This will be the first such torch-flying exhibition ever staged in this area," he pointed out.

The script is written by Adrian Vaughan, and narration is by Duncan Ellison and McKee.

Sigma Delta Chi has undertaken the project of encouraging new voters to take advantage of their first free vote.

McKee urged all persons eligible to file for a poll tax exemption immediately and not to wait for the Jan. 31 deadline.

"Anyone who was 21 last year or will be 21 this year is eligible," McKee said. "Anyone who was 21 in 1957 may file for an exemption this year even if he or she received one last year."

McKee pointed out that Lubbock's seven neighborhood fire stations are cooperating in the sale of poll taxes, and that anyone wishing to file for an exemption or buy a poll tax may do so at almost any hour of the day or night. Parking at the fire stations is always available, too.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --A wide selection of education courses will be available in Texas Tech's Spring Semester Evening Program for school teachers within commuting distance of Lubbock.

Dr. Morris S. Wallace, Tech education department head, said courses have been scheduled to meet the needs of teachers and administrators seeking provisional certificates and those in salary incentive programs.

The education department's evening program is also for those teachers wanting to take work as part of a degree program as well as teachers, administrators and supervisors desiring in-service study.

Ten of the education courses for teaching and administrative personnel are offered either Monday or Wednesday or Thursday nights from 6 p.m. to 9:30 p.m., Wallace, said.

These courses include audio-visual education, children's literature, reading development in elementary schools, audio-visual practice, educational research, advanced education statistics, human development in education, language arts development in elementary education, organizing instructional improvement programs, comparative education and school public relations.

Meeting on Tuesday and Thursday from 4 to 6:30 p.m. will be a class in "Development of Guidance Programs." A course in "Group Processes" will be offered from 8:30 to 10 a.m. and from 11 a.m. to 12:30 p.m. on Saturdays, Wallace said.

Other evening courses of special interest to teachers being offered include applied arts, biology, child development, and history, two in English, four in psychology and two in speech.

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Adrian Vaughan
Department of Public Information
Texas Technological College

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"In the Southwest, for instance, leather work is an important activity because of the cowboy influence. In the North where winter sports are popular, craft work is often related to skiing, skating or to indoor sports," he said.

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"Recreation" magazine is published by National Recreation Assn.

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Adrian Vaughan
Department of Public Information
Texas Technological College

Texas Tech students are taking a breather this weekend before plunging into the Spring semester, which officially opens with orientation and tests for entering freshmen at 8 a.m. Tuesday in Aggie Memorial Auditorium.

Between 100 and 200 freshmen are expected for the meeting that will precede a day of placement tests, explanations of Tech procedures and the filling out of registration forms.

The English, math, psychological and other tests in no way limit an entering freshman's right to enroll in Tech, said Dr. S.M. Kennedy, assistant dean of arts and sciences, who is in charge of orientation arrangements.

There is no limit on enrollment at Tech, he emphasized. The tests are merely to determine the placement of students in classes once they do register. All entering freshmen are required to take the tests, he added.

Students taking the placement exams are asked to bring something to write with in ink plus the necessary \$2 testing fee.

Wednesday will be spent in counseling of all students about spring semester enrollment. Thursday the first of some 7,800 students will begin moving through registration lines.

Signing up for regular classes will continue each day through Saturday. Regular classes will begin Monday, Feb. 3. One day--Wednesday, Feb. 5--has been set aside for late registration in regular classes and for any course changes.

Registration in Tech's Evening Program classes is scheduled from 5 p.m. to 7 p.m. each day Monday, Feb. 3, through Thursday, Feb. 6, and from 8 a.m. to 12 noon Saturday, Feb. 8.

###

2--Price of Freedom

TIME

SCENE

NARRATION

(VOICE 1)

THOSE ~~ARE THE~~ WORDS OF JOHN BUCHAN
WRITTEN THIS WEEK? THIS MONTH? NO,
WRITTEN MORE THAN 18 YEARS AGO IN
A BOOK CALLED PILGRIM'S WAY. IT
DRAMATICALLY ILLUSTRATES THAT THE
PRICE OF FREEDOM COMES DUE WITH
EACH GENERATION.

2. Matador in red spot.

IN BUCHAN'S TIME, THE CHARGES CAME
CHIEFLY FROM THE NAZIS\$. TODAY
THEY COME FROM THE COMMUNIST WORLD--
A WORLD THAT HAS DEMONSTRATED
THROUGH ITS SACRIFICE AND DISCIPLINE
THAT ITS CHARGES ARE NO IDLE THREATS.
THE RED CHALLENGE IS SYMBOLIZED
TONIGHT BY TONIGHT BY
OF THE FLYING MATADORS.

3. Matador in white spot,
later in dark.

ALREADY THERE ARE SIGNS THAT T
THIS GENERATION OF THE FREE WORLD IS
MOVING TO PAY FREEDOM'S PRICE. AS
IN THE PAST, IT IS NOT EASY.
CARRYING FREEDOM'S TORCH OFTEN IS
MORE DIFFICULT THAN FEATS OF
CHALLENGEERS SPURRED BY FORCE.
SYMBOLIZING THE NECESSARY SACRIFICE A
~~AND~~ DISCIPLINE OF THE FLYING MATADORS.
AND DISCIPLINE OF THE FLYING MATADORS.

3--Price of Freedom

TIME	SCENE	NARRATION
	3. Red and white Matadors duplicating seats under white spot.	THE RUINS OF ROME AND GREECE ARE GRIM REMINDERS THAT THE FULL PRICE OF FREEDOM IS NOT ALWAYS PAID.
	4. Two Matadors in a V sign under blue spot. V should rotate clockwise.	WHAT WILL BE THE OUTCOME OF THE CURRENT STRUGGLE BETWEEN FORCE AND FREEDOM? THAT DEPENDS ON YOU. THAT IS WHY WE CHALLENGE YOU TONIGHT TO BE ACTIVE PARTICIPANTS IN THE GOVERNMENT ON WHICH YOUR FREEDOM DEPENDS, TO GET YOUR POLL TAX OR EXEMPTION BEFORE THE JANUARY 31 DEADLINE. LET'S PAY THE PRICE OF FREEDOM NOW AND-- GOD WILLING--BUILD A FAVORABLE BALANCE FOR THE FUTURE.

###

PRICE OF FREEDOM SCRIPT

TIME

SCENE

NARRATION

1. Spotlight on trampoline
1. Spotlight on trampoline

(VOICE 1)
LADIES AND GENTLEMEN--THE
WEST TEXAS CHAPTER OF SIGMA
DELTA CHI JOURNALISTIC
FRATERNITY AND THE FLYING
MATADORS OF TEXAS TECH
PRESENT

"THE PRICE OF FREEDOM"

(VOICE 2)
"WE HAVE SUDDENLY DISCOVERED
THAT WHAT WE TOOK FOR THE
ENDURING PRESUPPOSITIONS OF OUR
LIFE ARE IN DANGER OF BEING
DESTROYED. TODAY WE VALUE FREEDOM,
I THINK, AS WE HAVE NOT VALUED
IT BEFORE. JUST AS A MAN NEVER
APPRECIATES HIS HOME SO MUCH AS
WHEN HE IS COMPELLED TO LEAVE IT
SO NOW WE REALIZE OUR INESTIMABLE
BLESSINGS WHEN THEY ARE
THREATENED. WE HAVE BEEN SHAKEN
OUT OF OUR SMUGNESS AND WARNED OF
OF A GREAT PERIL--AND IN THAT
WARNING LIES OUR SAIVATION."

Adrian Vaughan
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"Recreation" magazine is published by National Recreation Assn.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --A wide selection of education courses will be available in Texas Tech's Spring Semester Evening Program for school teachers within commuting distance of Lubbock.

Dr. Morris S. Wallace, Tech education department head, said courses have been scheduled to meet the needs of teachers and administrators seeking provisional certificates and those in salary incentive programs.

The education department's evening program is also for those teachers wanting to take work as part of a degree program as well as teachers, administrators and supervisors desiring in-service study.

Ten of the education courses for teaching and administrative personnel are offered either Monday or Wednesday or Thursday nights from 6 p.m. to 9:30 p.m., Wallace, said.

These courses include audio-visual education, children's literature, reading development in elementary schools, audio-visual practice, educational research, advanced education statistics, human development in education, language arts development in elementary education, organizing instructional improvement programs, comparative education and school public relations.

Meeting on Tuesday and Thursday from 4 to 6:30 p.m. will be a (cals) class in "Development of Guidance Programs." A course in "Group Processes" will be offered from 8:30 to 10 a.m. and from 11 a.m. to 12:30 p.m. on Saturdays, Wallace said.

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--30--

Adrian Vaughan
Department of Public Information
Texas Technological College

BIOGRAPHICAL DATA

Marshall L. Pennington has made colleges a career, and in so doing has compiled a record of excellence in whatever he has tried.

Pennington played football and basketball at the University of Texas, where he was graduated with a bachelor of business administration degree in 1935.

Soon thereafter he became a coach and business manager of a University branch at El Paso, then called Texas College of Mines (now Texas Western College). As basketball coach, he led the Miners to a Border Conference championship.

Pennington left the El Paso college for wartime duty with the Navy in 1944, returning there in 1946 as business manager and assistant to the president.

He moved to Texas Tech in 1949 as comptroller and was made vice-president and comptroller in 1952.

He is a native of Georgetown (born Oct. 18, 1912) and is married to the former Mary Valine.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

Young voters receiving their first free vote this year will be saluted at half-time at the Texas Tech--Baylor basketball game Saturday night in Municipal Coliseum.

The West Texas Chapter of Sigma Delta Chi journalistic fraternity and Tech's Band and Flying Matadors will join efforts in a halftime pageant entitled, "The Price of Freedom."

Henry R. McKee, news editor of the AVALANCHE-JOURNAL and president of Sigma Delta Chi, said the Flying Matadors are scheduled to perform a dramatic flaming torch exhibition which will represent the symbolic struggles for freedom the world faces today.

"This will be the first such torch-flying exhibition ever staged in this area," he pointed out.

The script is written by Adrian Vaughan, and narration is by Duncan Ellison and McKee.

Sigma Delta Chi has undertaken the project of encouraging new voters to take advantage of their first free vote.

McKee urged all persons eligible to file for a poll tax exemption immediately and not to wait for the Jan. 31 deadline.

"Anyone who was 21 last year or will be 21 this year is eligible," McKee said. "Anyone who was 21 in 1957 may file for an exemption this year even if he or she received one last year."

McKee pointed out that Lubbock's seven neighborhood fire stations are cooperating in the sale of poll taxes, and that anyone wishing to file for an exemption or buy a poll tax may do so at almost any hour of the day or night. Parking at the fire stations is always available, too.

Adrian Vaughan
Department of Public Information
Texas Technological College

LURBOCK, Jan. --The persons who create spotlights will step briefly into the beams themselves Tuesday night (Jan. 28) at Texas Tech.

The South Plains Chapter of the Illuminating Engineering Society will receive its charter at a 7 p.m. dinner in the Tech Union ballroom.

One of the nation's outstanding authorities on illumination for athletics--Wallace D. Weld of Chicago-- will speak at 8 p.m. in the ballroom.

IES officials invite all persons interested in outdoor illumination to hear Weld's talk on "Flood Lighting of Sports Areas."

In addition to being of interest to athletic coaches and educational administrators, the talk is expected to include information of value to architects, optometrists and farmers and businessmen whose operations include outdoor floodlighting.

Weld has been a member of IES since 1938 and for the past 16 years, has been in charge of design, testing and application of flood lights for Revere Electric Manufacturing Co. of Chicago.

Invited guests for the charter dinner include five persons from the Amarillo chapter of IES: Frank Donahue, chairman; Leroy Gross, secretary-treasurer; Tom Lynn, membership chairman; and Gordon Baldry and Charles Pierce, members.

Other invited guests include Reuben K. Lothrop, IES regional vice-president from Shreveport; John G. Felton Jr., immediate past vice-president of IES from Dallas; area high school superintendents and athletic directors, and Tech officials.

The South Plains colony group was organized in a meeting last May 23 on the Tech campus. Training meetings have been held regularly since, with visiting IES speakers participating.

(more)

2--Illumination meeting

The Panhandle Chapter of IES at Amarillo sponsored formation of the South Plains chapter, which now had 34 members. Prospects are good for exceeding 50 members this year, officials said.

The national organization was started in 1906 and now has more than 10,000 members.

The South Plains Chapter will help promote better lighting in the region's schools, homes, public buildings, business offices and recreation areas.

Engineering members and affiliate members of the South Plains colony group include the following from Lubbock: Dr. J. Davis Armisted, Robert Brasher, Dr. Glenn S. Burk, Calvin Campbell, Douglas Carlisle, Dr. William M. Cavley, T. DeWitt, Herman Garrett, Vernon Gatewood, V.E. Gensmer, Bob Goodson, James Hartsfield, Jay Haynes, Dr. C. Earl Hildreth.

Frank Kilcrease, Fred Litton, Wayne Mann, Robert Mason, Tom Morton, Dr. C.M. Neel, Charles Nelson, Jack Nelson, Stewart O. Norris, Kenneth Owen, Jack Roberts, Harry A. Sallinger, B.A. Schmidt, John Stanley, W.J. Vickery, Art C. Waghorne, Dr. B.J. Welch, and Ira L. Williams.

Members from Plainview include James Gage and Bub Laird.

Adrian Vaughan
Department of Public Information
Texas Technological College

LURBOCK, Jan. --Formal commissioning ceremonies for Air Force ROTC graduates will be held Monday (Jan.27) at Texas Tech.

Lt. Col. Newton B. Wilkerson, AFROTC commanding officer at Tech, will present reserve commissions to the graduating seniors at the exercise that will begin at 3 p.m. in Air Science Building M-1 on the Tech campus. The public is invited to attend.

Guest speaker for the occasion will be 2nd Lt. Dwayne West, a 1956 Tech graduate and varsity football player, who was the honor graduate at Reese AFB Jan. 18.

Those receiving Air Force Reserve commissions include:

Amarillo--Ervin B. Moreman Jr. (2419 Orange), industrial engineering major, son of Mr. and Mrs. E.B. Moreman. He is slated to enter primary flight training this Spring. Moreman completed AFROTC summer training at March AFB, Calif., in July 1956.

Fort Worth--Lester R. Williams (425 Eastwood Dr.), industrial engineering major, son of Mr. and Mrs. Lester R. Williams. Williams is scheduled to begin his active duty tour this Spring. He completed AFROTC summer training at ~~Wallops AFB, Calif., in July 1956.~~ ~~Wallops AFB, Calif., in July 1956.~~

Lubbock--Rudolph A. Brenn (1901 25th St.), son of Mr. and Mrs. R.A. Brenn, is a government major. Brenn completed AFROTC summer training at Norton AFB, Calif., in July 1955. He previously served four years in the USAF.

Lubbock--Charles V. Hill (3810 42nd St.), government major, is the son of Mrs. Ruby Hill. He completed summer training at Webb AFB, Tex., in August 1956.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Seven Texas Tech graduating seniors will receive reserve commissions in the U.S. Army at Army ROTC ceremonies here Monday (Jan. 27).

Col. James B. Carvey, Army ROTC commander at Tech, will administer the oath of office to the graduates at 10 a.m. in Building M-2 on the campus. The public is invited to attend.

All of the new officers will go on active duty tours within the next four months, ROTC officials said.

Those receiving reserve commissions are:

Bronte--James R. Evans, civil engineering major, will first be assigned to Ft. Belvoir, Va., where he will take a basic officer engineering course. He is the son of Mr. and Mrs. W.S. Evans.

Cactus--Joe Bob Hampton, industrial engineering major, will receive his commission in the artillery branch and will take a basic officer artillery course at Ft. Sill, Okla. He is the son of Mr. and Mrs. O.C. Hampton.

Dublin--Carson H. Loving, agriculture engineering major, is being commissioned in the Army chemical branch. He will take basic officer chemical training at Ft. McClellan, Ala. He is the son of Mr. and Mrs. J.W. Loving.

Fort Worth--Darrell Dean Smith (7163 Hovenkamp), architecture major, is being commissioned in the Army Signal Corps and will take a basic officer signal course at Ft. Monmouth, N.J. He is the son of Mr. and Mrs. C.R. Smith.

Hereford--Buryl G. Fish, agronomy major, will be commissioned in the infantry branch and will take a basic officer infantry training at Ft. Benning, Ga. He is the son of Mr. and Mrs. J.H. Fish.

(more)

2--Army ROTC Reserve Commissions

Howley--Merwin L. Downey, geology major, will be commissioned in the Army's Signal Corps and receive basic officer signal training at Ft. Monmouth, N.J. He is the son of Mr. and Mrs. M.L. Downey.

Stephenville--William R. Herring, petroleum engineering major, is being commissioned in the Quartermaster Corps. Herrin will receive basic officer quartermaster training at Ft. Lee, Va. His parents are Mr. and Mrs. Robert Herrin.

SUITABLE FOR TIME COPY

LUBBOCK, --Western gunslingers of television fame are Eastern dudes in comparison to "Rip" Ford and his Indian fighters who battled the wily Comanches in West Texas during the late 1850's.

William J. Hughes, instructor and doctoral candidate in history at Texas Tech, describes "Rip" Ford's Indian fight on the Canadian River in the current issue of the Panhandle-Plains Historical Review.

When the Regular Army contingents were transferred from northwest Texas to more troublesome areas in other territories, the Comanche horsemen swept through white settlements in 1857 "and the reeking casualty lists and tools of vanished or destroyed property again began to mount," Hughes writes.

The Federal government stalled in answering pleas of the settlers for more protection and finally Governor Harding R. Runnels obtained \$70,000 from the State Legislature to mobilize an additional 100 men to bolster the Ranger ranks.

John S. "Rip" Ford, who had proved himself with Col. Jack Hays in earlier years, was named Senior Captain of the group and by February 1858 the Rangers were on the march.

"Most of the men, like Ford, carried two Navy Colts, and every man had at least one, as well as the familiar muzzle-loading rifle," Hughes writes. "The firepower of the force was estimated at 1,500 rounds without reloading."

While the Rangers had no uniform, "broad-brimmed hats, pulled low over the eyebrows, and high boots, into which trousers were tucked gave a certain uniformity to the column, as did the cap-and-ball rifles with walnut butts protruding forward from rawhide boots."

(more)

The punitive expedition was joined by Indians from the Texas reservations and representatives of at least a half-dozen Indian nations accompanied the Texans, Hughes reports.

Marching with the Rangers were the Caddo-Anadarko group, the cannibal Tonkawas, a mixed command of Shawnees and Delawares, the Wacos and the Tahuanacos.

Ford's scouts discovered a Comanche encampment in the vicinity of the Fort Smith-Santa Fe "bull wagon" road where it topped the Washita-Canadian divide. The battle began about 7 a.m. and was over by 1 p.m. when the remaining Comanches fled northward.

A surprising and little known fact about the Tonkawas is revealed by Hughes:

"As the Rangers again plodded through the debris of Iron Jacket's shattered village, commenting on the piles of gorgeously beaded buffalo robes, the bales of dried meat, and the heaped containers of corn-meal, salt and coffee obtained by the Comancheros, Ford was astonished to notice that among the bodies of the Comanches' braves there were some which lacked hands and feet."

The reason soon became clear for "The missing extremities dangled from Tonkawa saddle bows; those wolfish people were planning a victory feast."

The battle came just in time for one of the prisoners revealed that the Comanches were drying and packing meat for use on a campaign against the settlers and reservation tribes. Hughes said.

Ford's official report tells the true value of the expedition:

"Indians can be pursued and caught in the Buffalo region -- the country beyond the Red River can be penetrated and held by white men, and the Comanches can be followed, overtaken and beaten, provided the pursuers will be laborious, vigilant, and are willing to undergo privation."

(more)

3--"Rip" Ford's Indian fighters

The result was that the War Department changed its policy from a defensive concept to one of attack, Hughes said. After the Civil War, Army commanders like Van Dorn, Custer, Miles, Mackenzie and Crook led the long blue files into the heartland of the nomadic foe.

An example had been set for them, Hughes writes, "in the Spring of 1858 by a hundred youthful Texans led by "Old Rip" Ford."

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION FARM EDITORS

LUBBOCK, Jan. --Texas Tech researchers are seeking some definite answers to a current agricultural debate over the "pig parlor" method of hog raising versus the open-field method.

The question under study is whether or not one method produces better meat than the other.

In the pig parlor method, the swine are kept inside a room with a washed cement floor, and are allowed virtually no exercise. They eat from nearby feeders.

The exercise, or open-field method, allows the hogs to range freely over an outside plot, without so much thought being given to movement and sanitation.

Making a controlled study of the two situations is Billy Greer Jackson, a Tech graduate student now teaching vocational agriculture at Boys' Ranch near Amarillo.

Jackson has taken 20 hogs and divided pairs of litter mates into two herds. That is, one litter mate went into one herd, the other mate into the other herd. Three breeds were utilized: Yorkshire, Poland and Hampshire.

One group was raised by the confined method, the other by the exercise method.

The hogs have been butchered and the meat now is being analyzed. Tech nutritionists are studying the palatability, tenderness and flavor of the meat samples, while chemists are running tests on fat content of each one.

Jackson, who is working toward a master's degree with a major in animal husbandry, is being supervised by Dr. N.C. Fine, and Coleman O'Brien.

The project is being done in conjunction with the Tech Office of Research.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION PETROLEUM EDITORS

MIDLAND, Jan. 22---Leaders of the West Texas Oil Lifting Short Course, have announced that more than 40 papers have been obtained for the fifth anniversary meeting April 17-18 at Texas Tech.

Ray Diekemper of Lubbock, Short Course general chairman, and members of the course's Administrative Committee have met in Midland to review abstracts of the papers.

Rex Brown of Lubbock indicated that the number of papers should exceed 50 before the final meeting of the Committee, scheduled for Midland March 19. Brown is in charge of papers to be presented.

Last year's Short Course drew a record attendance of 525 persons who heard 44 papers.

"This year we expect to break both records," Diekemper said. "We expect more persons to attend and hope to have more and better papers."

The Administrative Committee, composed of oil-industry representatives and Tech petroleum engineering faculty members, began planning this year's program last Fall.

###

2--Oil Short Course

Papers presented at the Short Courses have been published in bound volumes which are available from the Short Course Assn. at a nominal cost.

Attending the Midland meeting were Diekemper and Brown; E.D. Anderson, Lone Star Producing Co., Dallas; D.C. Brown, Sun Oil Co., Midland; W.B. Johnson, Atlantic Refining Co., Odessa; Barney O. Carlson, Shell Oil Co, Midland; Fred Gipson, Continental Oil Co., Big Spring; and D.H. Kimball, The Texas Co., Wichita Falls.

Also Jack Ward, Plastic Applicators Co., Odessa; A.A, Hardy, W.C. Morris, Mfg. Inc., Tulsa, Okla; and W.L. Ducker, Philip Johnson and Bill Whitted, all of Tech.

Neal McCaskill, Atlantic Refining Co., Midland, represented the Short Course Board of Directors at the meeting.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

If you should happen to see a bread-brim, flat-crown black hat being worn around Lubbock, chances are the wearer will be Dr. David M. Vigness, Texas Tech associate professor of history, who has just returned from Chile.

The Short Course originated in 1953, when oil-industry representatives met with the faculty of Tech's petroleum engineering department to discuss presenting such a course to keep oil field men up to date through discussion of problems, and to render a service to the oil industry through keeping abreast of progress related to problems in the field.

The first Short Course was held on the Tech campus in April, 1954. The total enrollment was 285, and 21 papers were presented. The course has continued to grow each year.

(MORE)

Suitable For Time Copy

TURBOCK, --Texas Tech's Red Raider isn't the only one who may be seen wearing a broad-brim, flat-crown black hat around the campus these days.

On appropriate occasions, another person sporting such headgear is Dr. David M. Vigness, Tech associate professor of history who has returned for the spring semester after a teaching assignment in Chile.

The black "huaso" hat is standard apparel for Chilean cattlemen and is as common there as the Stetson is in West Texas.

Vigness and his family spent seven months in Chile where he was a Fulbright lecturer on American Civilization at Catholic University of Santiago and the University of Chile in Santiago.

"The purpose of the Fulbright program is to help develop understanding between our country and others," Vigness said. "I hope the Chileans benefited as much as I did."

He found Chileans greatly interested in the United States and, like many Americans abroad, he discovered they had misconceptions about the U.S. because of American movies.

In addition to teaching contemporary American history and methods of historical investigation, Vigness was asked by the U.S. Embassy to give lectures throughout Chile on American democracy.

That's when he faced a barrage of questions about (1) "Little Rock," (2) "Giant" which was playing in Chilean theaters last Fall, and (3) "Sputnik" and what the U.S. is doing about it.

"That's why the Fulbright program is good," Vigness said. "If only more Americans could go to other countries and answer their questions--."

He said there is no censorship in Chile and that they have a real political democracy -- even to the extent of having about 25 different parties.

2---Dr. David Vigness returns

"The Chilean standard of living is higher, in many respects, than standards in other South American countries," the Tech teacher said. "But at the present time, Chile is in economic difficulty."

When the Vigness family arrived in Chile last June, the monetary rate of exchange was 714 pesos to \$1. When they departed last week, the exchange was 800 to 1.

At the same time, Chile has an extensive Social Security program that includes socialized medicine for those classified as commercial and domestic employees and farm laborers. While this system is progressive, the economy won't support it, Vigness stated.

The program was established when Chile benefited from her nitrate exports during and after World War I and from the copper exports during World War II. Since the decline of these exports, the economy has suffered accordingly, said Vigness who was able to discuss the problems with various government officials.

Vigness and his family were able to visit Argentina and Peru during their South American sojourn.

"We were struck by the difference in various South American countries," Vigness commented. "Generally, we in the U.S. lump all Latin countries together as being alike."

He noted that the Chilean population was practically European because there is no large Indian population there. Most of the people are of Spanish Castilian or Basque origin.

Part of the population is of German origin from settlers who went to Chile in the 1840's.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION: MUSIC EDITORS

LURBOCK, Jan. --"Like You Like It," a concert of musical favorites, will be presented by Texas Tech's choir and orchestra Feb. 16-17 at Lubbock Municipal Auditorium.

The show was originally scheduled for Feb. 17-18 but was re-scheduled one day earlier to avoid conflict with the Tech-Texas basketball game Feb. 18.

Everything from classics to popular music will be presented in the musicale. It is being staged to help defray expenses of the Tech Choir when it goes to New York this Spring to appear on Ed Sullivan's television show.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Many Texas Tech coeds are heading for jobs in the petroleum industry and they know it.

Typical of these is Bette Montgomery of Matador, who became interested in such a career after visiting with older girl friends who had found jobs in the industry.

Bette decided to study four years at Tech, majoring in secretarial administration rather than spend much less time in a specialized business school.

The reason, she said, is that the college work is considered by most companies as the best preparation for an executive secretary's job.

"You can get such a job without a college education," Bette pointed out, "but usually you can get one a lot faster because of college training."

In her junior year, Bette went by the Tech Placement Office for an interview with officials of Sun Oil company with operations in Midland.

They counseled her about her studies and offered her work last summer in their Dallas offices. She accepted.

Now in her senior year, she's finishing up studies in such courses as office management, data processing, economics, business law, personnel management, and geology and geophysics. She also has completed numerous courses in the humanities as well.

This semester she is spending part of each day in an internship with a petroleum firm that has offices in Lubbock.

(MORE)

2--Petroleum secretary

When she receives her bachelor of business administration degree this year, Bette will find a choice of jobs awaiting her, Tech placement officials said.

Beginning salaries for top-flight secretarial administration graduates are averaging about \$329 a month this year.

Bette's main extracurricular interest at Tech is her social sorority, Delta Gamma. She has been song leader and rituals chairman for the group.

Bette's parents are Mr. and Mrs. Frank Montgomery of Matador.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --Texas Tech geology students regularly hear authorities on specialized aspects of geology thanks to a cooperative program between Tech and the Lubbock Geological Society.

Distinguished lecturers sponsored by the American Society of Petroleum Geology are brought to Lubbock and the Tech campus for lectures.

In March the two groups are scheduled to hear Dr. S.K. Runcorn, professor of physics at Kings College, England, speak on "Paleomagnetism," Clayton Valder, Pan American Oil Co. geologist and vice-president of the Lubbock society, said.

In April the groups will hear a lecture by Dr. T.H. Van Andel, associate director of the American Petroleum Institute's Project 51. His topic will be about the Project 51 study of recent sediments of the Gulf of Mexico that is being carried on at the Scripps Institute of Oceanography, La Jolla, Calif.

Other distinguished lectures appearing at Tech this year include Dr. D.L. Blackstone, professor of geology at the University of Wyoming, who described the tectonic framework of the Rocky Mountains, and Dr. A. I. Leborsen, consultant geologist, who lectured on applications of regional paleogeology.

Also speaking here were Dr. L.L. Sloss, professor of geology at Northwestern University, who spoke on stratigraphic analysis and the search for oil, and Dr. Warren O. Thompson, professor of geology at Colorado University, who described ancient beaches and the search for oil.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK --Sixteen groups within the petroleum industry are providing scholarships totaling \$11,650 this academic year at Texas Tech.

Most of the scholarships are in engineering, but business administration and various arts and sciences also are represented. All the grants mentioned are administered by the Tech committee on scholarships and awards.

~~The American Institute of Mining and Metallurgical Engineers provides a \$500 scholarship in petroleum engineering, while other grants specifically in that field are given by the Gardner Denver Co. (\$2,000) Socony Mobil Oil Co. (\$400) and the Magnolia Petroleum Co. (\$400).~~

Magnolia has made possible another \$400 scholarship in electrical engineering. Schlumberger Corp. gives \$500 to a science or engineering student who has had at least 12 semester hours of study in subjects involving uses of electricity.

Several grants are for work in the field of engineering generally, including those of the American Petroleum Institute's South Plains chapter (\$500), Cities Service Oil Co. (\$600), Standard Oil Co. of Texas (\$500), Texas Co. (\$250), and the D.D. Harrington freshman engineering scholarships made possible by the Panoma Corp. A total of \$1,500 is available for the Harrington awards, which range from \$300 to \$500, depending on circumstances.

Standard of Texas also provides a \$500 grant in geology.

The Barton Foundation--organized by Col. T.H. Barton, Lion Oil Co. board chairman--has made available a fund at Tech which may be used for scholarships in arts and sciences as needs indicate.

(MORE)

2--Petroleum industry scholarships at Tech

A \$500 scholarship in mechanical engineering is given by the Atlantic Refining Co. and Continental Oil Co. provides a \$500 scholarship in chemical engineering. A \$600 grant is awarded by the Eastern States Petroleum Co. in chemistry or chemical engineering.

The Rowan Drilling Co. gives two \$250 scholarships for use in mechanical engineering, petroleum engineering or business administration.

The Texas Pacific Coal and Oil Co. provides two \$750 grants for children of employees or deceased employees. Preference is given applicants who are majoring in courses considered of particular use in the petroleum industry.

Many of the scholarships mentioned provide tuition and fees in addition to the amounts listed.

###

Adrian ^JWaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Members of the newly organized Modern Dance Club of the Women's Physical Education department at Texas Tech will participate in a musicale here Feb. 16-17.

The show -- presented "Like You Like It" by the Tech choir and orchestra -- is being staged to help defray expenses when the Tech Choir goes to New York this Spring to appear on Ed Sullivan's television program.

~~Members of the~~ Members of the Modern Dance Club participating in the Tech show are: Kay ~~Adkins~~ ^{Adkins}, junior music education major from (2919 Federal St.) El Paso; Gayla Cauthen, sophomore elementary education major from Sheffield; Maris Durham, freshman architecture major from (3104 Fitzhugh) Fort Worth;

Mary Herrington, sophomore in arts and sciences from (202 Casa Grande) Odessa; Lynita Jacobs, senior physical education major from Lubbock; Martha Kenley, sophomore Spanish major from (1307 South Madison) San Angelo; Judy Long, freshman psychology major from (3312 Inwood Rd.) Dallas.

Lindsey Lyons, sophomore secondary education major from (2501 Douglas Dr.) San Angelo; Marilyn Morris, sophomore in arts and sciences from Big Spring; Brownell Queen, junior physical education major from (2213 Princeton) Midland; and Marsha Reiley, sophomore speech major from (4312 Arden Pl.). ~~Fort Worth~~.

Joining with the group in the dance sequence of the show are Eugene Miles, senior architecture major from Hereford; Tom Holeman, senior chemical engineering major from Lubbock; Bill Lewis, junior recreation major from Lubbock; Delbert Browning, junior finance major from Jal, N.M.; Edgar James, sophomore architecture major from Groom; Cary Spikes, Yvette Johnson and Bob Wall all of Lubbock.

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION AGRICULTURE EDITORS

LUBBOCK LUBBOCK, Jan. ---Forty-four head of prize Texas Tech sheep, steers and hogs will be entered in the Southwestern Exposition and Fat Stock Show opening this week in Fort Worth.

Dr. N.C. Fine, head of Tech's animal husbandry department, said three Tech judging teams will also participate in the annual event.

Tech Agriculture Dean W.L. Stangel will be superintendent of the Steer department at the Fat Stock Show.

Eight animals will be entered in the Junior Class Open Steer exhibit. Ray Sims, Lubbock animal husbandry student, is in charge of the Tech steers.

Myron Hillman of Mullin will be in charge of the 30 Rambouillet, Hampshire and Southdown sheep to be entered.

The six Poland and Hampshire hogs entered in the Fort Worth show will be attended by W. Nelson Christie, Tech herdsman.

Slated to compete Monday (Jan. 27) is the Tech dairy cattle judging team coached by Koy L. Neeley, associate professor of animal husbandry. Team members are James M. Menzie, Menard; Jimmy Leath, Rhome; Charles W. Cobb, Claude; James L. Knowlton, (Rt. 11, Box 339) San Antonio; and Jerry Don Stockton, Tuscola.

The dairy judging team will leave Friday and work out en route at Abilene Christian College; Payton Farm, Stephenville, and Bluff View Farm, Dallas.

Meats team students making ~~(MORE)~~ trip to Fort Worth are Morgan Howard, Lubbock; Ronald Smith, Arlington; Richard Ligon, Loving; Billy J. Boyd, Crosbyton; William Edwards, Lubbock and Ray Eitelman, (3736 Westcliff Rd.) Fort Worth.

(MORE)

2--Tech judging teams

Coleman O'Brien, team coach and assistant professor of animal husbandry at Tech, said the meats team grades butchered meat, keeping in mind what the consumer wants.

Two 1957 meats team members are now with the Federal Meat Grading Service, he said.

Livestock judging team coach Stanley Anderson said that six Tech students will compete in judging contests at Fort Worth. They are Bob Coleman, San Saba; Dale Herring, Talpa; Myron Hillman, Mullin; B/ Billy D. Lane, Lubbock; Roy Milhoan, Wildorado; and Edwin Robertson, Breckenridge.

###

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. - ~~Silver~~ eagles signifying the rank of colonel were pinned on James B. Carvey, commander of Texas Tech's Army ROTC unit, here Monday.

Col. Carvey, who assumed command of the unit in September, was notified of his promotion by Department of Army, Washington, D.C., on Monday.

On hand to help him replace the lieutenant colonel's silver oak leaves he'd worn since October 1945 were his wife and daughter Joan, 17-year-old high school senior. (Looking on were daughters Lucinda Ann, 15, Patricia, 9, and Jacqueline, 6.)

A 1939 graduate of the U.S. Military Academy, the Colonel came to Tech after 16 months of duty with 8th Army Headquarters in Korea.

Carvey's first assignment after graduation from West Point was with the 26th Infantry which was a part of the 1st Infantry Division. He saw action with the famed "Big Red-One" division beginning with the invasion of North Africa and continuing through the Tunisia, and Sicily campaigns.

He was injured in the Normandy invasion, rejoined the 26th Infantry briefly during July, 1944, and after another period of hospitalization in England, he served in operations for the Chief of Staff, U.S. Army.

For his combat service, Col. Carvey was awarded the Silver Star for gallantry in action, the Bronze Star with "V" device for heroic achievement against the enemy, the Purple Heart and the French Croix de Guerre. He has also been awarded the Combat Infantryman's Badge.

After attending the Command and General Staff College, Fort Leavenworth, Kans., in 1948-49, he served three years in London with the North Atlantic Treaty Organization. He commanded a battalion in the 3rd Infantry Division at Fort Benning, Ga., in 1954-55 before going to Korea.

His wife is the former Florence Mennerich of Newburgh, N.Y.

###

SUITABLE FOR TIME COPY

LUBBOCK, --A Texas Tech graduate fellow is proving that a strip of tape flowing past a photoelectric cell can be a magic carpet to learning.

Tape recorders have been used around Tech for some time as aids to blind students and to speech students who want to analyze their voices.

But those uses are just starters so far as modern education is concerned, in the opinion of Mrs. Dolores Kilchenstein, a former member of Kilgore College's famed Rangerette drill team. She is the daughter of Mr. and Mrs. J.G. Tuttle of Kilgore.

Mrs. Kilchenstein, who transferred to Tech to major in business education, became interested in tape recorders as a senior last Spring.

First, reasoned Mrs. Kilchenstein, ^{why} should a student who has been unavoidably absent from class have to decipher a friend's lecture notes? Why not keep the teacher's ^{lectures} ~~lectures~~ on tape for a week or so for the benefit of such absentees.

That led to another idea. Some lectures present material that is particularly difficult to absorb. The teacher can't be asked to repeat the complicated knowledge over and over again, but a tape of his voice can. Many students are grateful for the chance to go over his interpretations of difficult material.

Tapes of such lectures also can be used in drills to improve student listening and note taking habits.

(more)

2--Tech tape

The magic of magnetic tape can bring reality and glamour to education, Mrs. Kilchenstein pointed out. Tapes can pick up the words of an outstanding salesman as he talks candidly with a prospect, or of other business and professional transactions.

Still other tapes can recprd the inspirational messages of national conventions or interviews with recognized experts.

Prospective secretaries can become steeled to the dictation of hard-to-understand bosses through drills with tapes of such voices.

The hard-come-by rhythm drills needed in typing classes can be preformed flawlessly on edited tape. And through that medium, the teacher can multiply himself as much as needed to drill groups within a class according to their advancement.

A teacher can even save time by recording his opening remarks on tape and playing it for the class as he checks the roll, Mrs. Kilchenstein added.

Obviously such practical imagination isn't going to be overlooked. Mrs. Kilchenstein's ideas have won her fourth place in a nation-wide contest sponsored by Audio Devices Inc. to discover new uses of tape.

The ideas also helped win her a graduate teaching fellowship in Tech's business education department this year.

###

LUBBOCK, Jan. --Sigma Alpha Epsilon, national social fraternity at Texas Tech, has elected officers for the Spring Semester.

Richard G. Ligon, senior animal husbandry major from Loving, was named president.

Other officers chosen were: vice-president--Richard H. Sewell, junior pre-dental major from Vernon; recorder--Richard G. McIlhaney, senior animal husbandry major from Lubbock; and treasurer--John Matthews, sophomore accounting major from Graham.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Scabbard and Blade, honorary military organization at Texas Tech, has initiated eight men.

Initiated were Gary W. Smith, senior mechanical engineering major from Lubbock; Arthur B. Montgomery, senior accounting major from (1406 West Kentucky) Midland; John F. Lott Jr., junior agriculture economics major from Lubbock.

Also, John Bates, junior petroleum engineering major from Breckenridge; Gary E. Orren, junior electrical engineering major from (1109 Bewick) Fort Worth; James L. Mays, junior office management major from Van; James T. Knorpp, junior industrial engineering major from (Rt. 4, Box 329) Amarillo; and John Bratton, junior electrical engineering major from Del Rio.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Pi Kappa Alpha, national social fraternity at Texas Tech, has elected officers for the Spring Semester.

James W. McPherson, senior agronomy major from Lubbock, was named president.

Other officers chosen were: vice-president--Walter Champ Turner, junior petroleum engineering major from Belen, N.M.; secretary--Clayton Roberson, senior petroleum geology major from Stephenville; and treasurer--Phil A. Steen, sophomore agronomy major from (502 Grant Plade) Corpus Christi.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Jan. --Fifty-one Texas Tech students have been selected to appear in the Tech choir for its winter musicale, "Like You Like It," Feb. 17-18 in Lubbock Municipal Auditorium.

Joining the choir in the presentation of musical favorites from classics to rock and roll will be Tech's orchestra and Modern Dance Club.

Profits from the venture will be used to help send the choir to New York City this Spring to appear on Ed Sullivan's television show.

Scheduled to sing with the choir during the show are:

Amarillo--Carol Carthel (209 Arch Terrace); Betty Townsend (1601 Crockett); Don Armstrong L(2004 Monroe); Sharon Dudley (601 Ngoth Grand); Johnny Gilbert (1906 Crockett); Rex Pope (4207 Clifton Ave.); Kenny Prickett (4438 Parker).

Arlington--Sandra Hemmle.

Borger--Glenda Keith and Shirley Bollen.

Breckenridge--Dale Boyett.

Dallas--Douglas Pummell (4916 Clear Creek Rd.); Charles Sanders (6515 Velasco); Richard Watkins (2514 Emmett St.).

El Paso--Kay Adkins (2719 Federal St.); Peggy O'Neill (348 Vivian Dr.); Martha Wynes (3905 CChester); Johnny Devine (1122 Del Rio Dr.); Joe Muckleroy (2823 Louisville).

Fort Worth--Johnny Matson (3249 Green St.).

Friona--Deniese Magness.

Hobbs, N.M.--Bob Wham.

Idalou--Bobby Boyd.

Jacksboro--Von Prah.

(more)

2--Tech Choir Winter Musicales

Loving--Larry Dickson.

Lubbock--Nan Kelly, Irma Knowles, Martha Mack, Beverly Austin, Audrey Carver, Yvonne Skinner, Roberta Elliott, Dorothy Pigan, Ann Porter, Glen Burns, John McGraw, Gayle Boyd, James Greer, Bob Key, Dick Scales, George Dawson and Ray Moore.

Midland--Roger Coil (1707 West Texas Ave.).

Monahans--Ray Ola Schneider.

Odessa--Thomas Sanders (900 West 23rd).

Pecos--Dick Toll.

Plainview--Robert Farmer.

Ralls--Bettye Jo Tyer.

Rule--Mary Jane Campbell.

Snyder--Louise Davenport and Joe Davenport.

Jan. 27-Feb. 1

Day	Name of Story	A	B	C	R	WS	Explanation
Mon.	Ag Chemical Conference		X			X	HT'S & Southwest Crop & Stock
	Substandard Cotton Seed Labeling	X	X			X	Southwest Crop & Stock
Tues.	Dr. Rush-The Dawn Of Life	X	X				Oak Denver, Boulder & Ridge
	Winn--\$500. Standard Oil Co. of Texas Scholarship	X					Pix to A.I.
	Freshman Orientation-S. Semester	X					
Wed.	Macbeth Tryouts	X					
	Evening & Sat. only Program	X					Plainview, Levelland, Lamesa, Snyder, Odessa, Big Spring & Midland
	Musical Holiday	X			X		HT'S, Snyder & Lamesa
	Grain Drying & Storage Conf.	X	X				Southwest Crop & Stock
Thurs.	"Rip" Ford Indian Fighters			X			
	Label-Substandard Cotton Seed ing			X			
	Grain Drying & Storage Conf.			X			
	Ag Chemical Conference			X			
	Winn-\$500. Standard Oil Co. of Texas Scholarship.						Pix to Midland, Sweetwater, Johnstown, Colo. & Standard Oil.
	West Texas School Study Council	X					Big Spring, H. W. Little, Odessa, Amarillo, Abilene, Snyder, Lamesa, Midland
Fri.	Benjamin H. Grierson Historical article	X	X				Alpine
Sat.	Scholarships For Blind	X					HT'S
	ARC "Care for Sick & Injured"	X					
	Hazlewood Act	X					
	Angel Flight Tryouts	X					
	Dr. Anderson, University of Vermont	X					

ATTN: FARM EDITORS

LUBBOCK, Jan. --Producers of certified seed must obtain permission from State Seed and Plant Board before labeling as substandard cotton seed produced in 1957 for the 1958 marketing, Dr. A.W. Young, chairman of the board, declared here.

Misinterpretation of the board's January ruling that 1957 substandard cotton seed may be labeled "Germination below 80%" has been reported with the result that some seed growers may be failing to secure approval from the Seed and Plant Board. An emergency must be considered to exist before approval is given, he said.

"The permission granted to label cotton seed with a certification or registration tags with the statement 'Germination Below 80%' does not relieve certified seed producers from any of the general requirements, rules or regulations pertaining to cotton seed or any other class of seed," he pointed out.

"In other words," said Young, "producers in the certified seed program in Texas must make written application to the State Seed and Plant Board for permission to use this method of labeling their substandard seed and receive that permission.

"The request should indicate the germination of each seed lot which is to be so tagged," he added.

He said the regulations are spelled out in "Section 11a of General Requirements of All Applicants" in the state agriculture department's "Seed Certification Standards -- 1956."

Earlier this month Dr. Young announced the board's decision to maintain germination standards for certified and registered cotton seed in Texas. The board has been asked to lower minimum germination requirements by many producers.

(more)

2--Substandard Cotton Seed Labeling

"There seems to be insufficient justification," he said, "to lower the standards because of the general unfavorable climate conditions in 1957 which resulted in lower than average germination of cotton seed in Texas."

He added that "if the standards were lowered now, they would undoubtedly need to be raised again next year."

Young, who is also agronomy department head at Texas Tech's Agriculture School, cautioned cotton growers not to purchase just any high-germinating cotton seed for the 1958 planting.

"Some of these seed lots may come from areas where varieties of cotton are grown which are not adapted to the areas in Texas where they are offered for sale," he said.

Several cotton seed producing states have lowered minimum germination standards for certified and registered cotton seed, Young noted.

"The result has been that the high-germinating seed lots have sold up to \$400 a ton while lower-germinating seed stocks are being offered at varying price levels which are based largely on the percentage of germination of seed," he added.

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION FARM EDITORS

LUBBOCK, --The fourth annual Grain Drying and Storage Conference will be held Feb. 20-21 at Texas Tech, with 29 specialists as speakers.

Subjects will include sanitation, moisture measurements, aeration, and effects of storage on nutritional qualities of grain. Other talks will be on causes of grain spoilage, and effects of storage methods on grains for feeding.

Industries' solutions to regional drying problems will be given and a panel will discuss service charges and handling problems in drying and storage.

Prof. Ira Williams, Tech agricultural engineering department head, is in charge of arrangements for the conference. It will be held in the Tech Union Building. The meeting is sponsored by 21 organizations.

Conference participants will include:

Amarillo--Fred T. Dines, Western Grain and Supply Co.; Delmar G. Nelson, executive vice-president of the Grain Sorghum Producers Assn.; Sam A. Thomas, agricultural development manager for Southwestern Public Service Co.

College Station--W.S. Allen, farm buildings specialist, Texas A&M College; Jack Bradshaw, price support specialist, Agricultural Stabilization and Conservation Committee; David L. Calderwood and Reed S. Hutchinson, agricultural engineers, Agricultural Marketing Service of USDA; J.W. Sorenson, agricultural engineer with the Agricultural Experiment Station.

Dallas--Fred F. Rabe, engineer.

Fort Worth--Dr. R.M. Anderson, vice-president, Vitaway, Inc., and Ben M. Ferguson, secretary-treasurer, Texas Grain and Feed Dealers Assn.

(MORE)

2--grain drying

Halfway--Dr. Johnny H. Davis, High Plains Station, Texas Research Foundation.

Plainview--Roy Burrus, Farmers Grain Co.

Stillwater, Okla.--James R. Enix, extension grain marketing specialist, Oklahoma State University.

Tech personnel participating in the conference will include:

Dr. Donald Ashdown, entomologist; Dr. Ray Billingsley, agricultural economist; Dr. Earl Camp, plant pathologist; Donald Day, agriculture engineer; Dr. Clark Harvey, agronomist; and Dr. W.L. Stangel, agriculture dean.

Other Lubbockites participating will include Ray Anthis, Lubbock Grain Exchange; Archie Campbell, plant breeder, DeKalb Agricultural Assn.; Grady Goodpasture, Goodpasture Grain and Milling Co.; R.S. Johnson, S.E. Cone Grain Co.; Dr. N.W. Kramer, grain sorghum breeder, Texas Agricultural Experiment Station; Jim Lindsey, president, Texas Certified Seed Producers Assn.; F.N. Robinson, engineer; Clyde Tatum, Economy Mills; and Donald Tusha, Panhandle Steel Buildings, Inc.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, Feb. --Scholarships totaling \$600 have been awarded to four Texas Tech blind students by the Lubbock Counseling Service for the Blind to aid in tuition fees.

Hoyle Moss, representing the directors of the Lubbock Counseling Service, presented checks for \$150 each to Jerome R. Dunham psychology graduate student from Topeka, Kans.; Larry Crull, counseling graduate student from Tucson, Ariz.; James Rowe, rehabilitation counseling graduate student from Phoenix, Ariz.; and Jerry Dunlap rehabilitation counseling graduate student from Broken Bow, Okla.

The awards represent the difference between the regular Texas tuition and the fee for out-of-state students, Dr. Robert P. Anderson director of the Tech Vocational Rehabilitation Counseling Training program, said.

All four Tech students are participating in the Rehabilitation Counseling Training program.

"The Lubbock Counseling Service for the Blind has been very helpful in many ways to the Vocational Rehabilitation program at Tech," Dr. Anderson said.

Directors of the Lubbock service are Mrs. Robert J. Allen, Mrs. Ernest Griffith, Dorrance Guy, Dr. S.J. Kaplan, Asher Thompson, Fred H. Timerlake, Dr. Grady Wallace and Nat Williams.

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W.R. Tatum, County Chairman
Public Information
American Red Cross
1641 Broadway, Lubbock

If people learn by doing, then those who enroll in the Red Cross "Care of the Sick and Injured" instructor's course this week will help many women learn to cope with many emergencies.

Women interested in taking the specialized 14-hour course that begins Wednesday, Feb. 5, are asked to call the Lubbock Red Cross Chapter House immediately, Mrs. Glenn Woody, registered nurse who will teach the course said. The Red Cross phone number here is POrter 5-8534.

Classes will be offered from 9 a.m. to noon or from 1 p.m. to 4 p.m. on Wednesday and Friday, Feb. 5-7-12-14 and Feb. 19.

"We hope to get women from surrounding towns to enroll in this instructor's course so they may teach home nursing classes in their own communities," Mrs. Woody said.

Also needed are persons who can take the course that is taught in English but who can speak and teach in Spanish, she said.

Mrs. Woody points out that the best way for a person to learn how to care for sick and injured persons is by going step by step through all the processes -- at least on a simulating basis.

While the original ARC home nursing course was concerned only with care of the sick, recent widespread natural disasters and emphasis on civil defense is the reason the course has been expanded to care of injured.

Course participants are trained in what to do before and after the doctor comes -- how to prevent spread of infection, diagnosis of common symptoms of illness, types of injuries that may be expected after a disaster or attack and how to keep simple medical records.

(more)

2--Red Cross "Care of the Sick and Injured"

Care of bed patients is also an important part of the course. What to do for comparatively helpless persons and how to handle bed patients who must be moved from time to time is stressed.

Those successfully completing the Red Cross course will receive ARC certificates which authorize them to teach the course in their own communities or civic, church and school organizations.

Adrian Vaughan
Department of Public Information
Texas Technological College

SUITABLE FOR TIME COPY

LUBBOCK --A general with a talent for avoiding "daring exploits demanding the lives of men" is due credit for taming the Southwest frontier immediately after the Civil War, according to Frank M. Temple, Texas Tech history researcher.

The general was Benjamin H. Grierson who built Fort Sill and later commanded Fort Concho in the days when Apaches led by Victorio were raiding West Texas from Mexico.

Grierson gained military fame with "one of the most brilliant and deceptive cavalry raids of the Civil War," Temple writes in the current issue of "Panhandle-Plains Historical Review."

"Grierson's Raid of 1863 unquestionably enhanced Grant's success at Vicksburg and was no less skillfully executed than that of Jeb Stuart," Temple says.

In 1869, Grierson moved to what is now Fort Sill, being in charge of construction of that installation.

He drew criticism for his apparent desire to avoid clashes with Indians who were raiding and returning to reservations where they were immune to capture and punishment because of a quirk in the law.

However, one of the leaders of the raids began bragging about their exploits and the talk led to arrests that brought a bloodless end to the problem.

In 1875, Grierson took over command of Fort Concho, where he met and stymied the warriors of Victorio, the last Apaches to cause trouble in West Texas

(MORE)

"Since 1877 and even before, Victorio had been raiding almost constantly," Temple writes." In April of 1879, he was ordered into the Arizona reservation at San Carlos.

"This place he detested and rather than comply with orders, he fled to Mexico. From across the Rio Grande he raided into Western Texas."

It became Grierson's responsibility to keep him from striking north of the river. Grierson had 11 companies of his tenth cavalry plus two companies of the 24th infantry.

With these men he had to cover the vast, dry Trans-Pecos region of West Texas bordered by the Rio Grande.

Grierson's strategy was to guard the most frequently used river crossings and to prevent access to water holes and springs by stationing troops at those places. Since Victorio was continually on the move, Grierson had to anticipate the next move in order to be ahead of the Indians.

"This campaign was similar to his famous cavalry raid of 1863, only in reverse," Temple writes. "Whereas at that time he was deeply outwitting his pursuers, in the Victorio struggle, he was successfully anticipating and heading off his enemy."

With no major battle, the campaign forced the Apaches into Mexico where Mexican chief of troops Joaquin Terrassas cornered Victorio in the Castilla Mountains, killing him and scattering his band.

That campaign surpressed the Indian troubles in West Texas, Fort Stockton and McKavett soon were abandoned and Grierson finished his career in peaceful fashion at Fort Davis.

###

LUBBOCK, Feb. --What are South Plains high schools doing about science and math classes and graduation requirements?

The West Texas School Study Council, headquartered at Texas Tech, is seeking answers to these and other questions as part of the new organization's first year of operation.

The Council now has an affiliate membership with the Association of Public School Systems and will have access to all research studies completed by that organization, Dr. Berlie Fallon, Tech associate professor of education and executive secretary of the Council, announced.

Twelve South Plains school systems and Tech are participating in the WTSSC to conduct research on local and regional education problems. Tech graduate students in education also contribute to the Council, Fallon said.

Research committees are being formed to study three immediate problems in public schools: (1) Standardized testing programs in the member schools; (2) Science and math curricular improvements; and (3) High School graduation requirements for the 1958-59 school year.

Fallon said that during the Fall semester, Tech graduate students in an education research class completed literature surveys in approximately 20 different areas of public education of interest to the WTSSC.

Covering the best of educational theory and the best of current practices in selected school systems throughout the nation, the graduate studies included surveys of programs for gifted children, closed circuit TV experimentation, reporting pupil progress to parents and optimum space needs in elementary, junior and senior high schools.

(MORE)

2--West Texas School Study Council

"During the Spring semester, we'll begin editing and publishing the graduate reports for distribution to member schools," Fallon stated.

Public school systems in the Council are Andrews, Brownfield, Denver City, Hale Center, Hereford, Kermit, Lamesa, Levelland, Littlefield, Plainview, Seminole and Slaton.

Executive committee members include Fallon, Dr. Ralph Schilling, Littlefield; T.A. Roach, Andrews; N.L. Douglas, Hale Center; Fred Cunningham, Hereford; O.W. Marcom, Levelland, and Lee Vardy, Slaton.

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LUBBOCK, Jan. --Robert M. Winn, Texas Tech geology senior from Sweetwater, has been named winner of the \$500 Standard Oil Co. of Texas scholarship presented here each year.

Presenting the \$500 award to Winn at a special luncheon Tuesday was Rube C. Mills, division exploration superintendent from Midland. Mills also presented a \$500 check to the Texas Tech geology department for unrestricted use.

The Standard Oil Co. of Texas Scholarship in Geology is presented each year to a Tech senior geology major who has shown outstanding scholastic achievement, interest in extra-curricular activities and citizenship.

Winn entered Tech in 1954 after two years of military duty as an Army radar specialist instructor at Fort Sill, Okla. He is a member of Sigma Gamma Epsilon, geology honorary fraternity, and the Society of Economic Paleontologists and Mineralogists. He plans to do graduate work in stratigraphy.

On hand for the luncheon honoring Winn were Paul E. Wilkerson, Standard's branch sales manager from Roswell, N.M.; Granville Waters, Standard district exploration geologist of Lubbock; and Sam Strong, sales distributor for Standard products.

Representing Tech were Dr. Ernst Giesecke, academic vice-president; Dr. Robert C. Goodwin, arts and sciences dean; Dr. S.M. Kennedy, assistant arts and sciences dean and scholarship committee chairman; Dr. Franklin A. Wade, geology department head, and Dr. Richard B. Mattox, professor of geology.

Winn is married to the former Frances Reid of Sweetwater and they live at 2807 55th St. in Lubbock. He is the son of Mr. and Mrs. John Winn of (765 Lansing) Denver, Colo.

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION FARM EDITORS

LUBBOCK, Jan. --Authorities on the use of chemicals in West Texas farming operations will meet at Texas Tech Feb. 25-27.

The conference has been planned primarily for the agricultural chemical dealers, distributors, processors and manufacturers, Dr. Donald Ashdown, Tech Entomologist in charge of arrangements, said.

However, the meetings are open to anyone interested in these chemicals, their distribution and use, he added.

Sponsoring the fifth annual ag chemicals conference are Tech, Lubbock Chamber of Commerce, West Texas Chamber of Commerce and the A. & M. College System of Texas.

Registration will begin at 5 p.m. Feb. 25 in the Caprock Hotel and will continue at 8:30 a.m. in the Tech Union Building Feb. 26. The fee is \$2.

Slated to participate in the conference are:

Abilene -- Lloyan Walker, manager of the agriculture and livestock division, West Texas Chamber of Commerce.

Amarillo -- J.A. Potts, Taylor Evans Farms Store, Inc., who will speak on "Dealers' Problems and Responsibilities."

Bushland -- Dr. Alan Weise, Southwestern Great Plains Field Station, who will talk about "Effective Weed Control on Local Crops and Rangelands."

College Station -- Dr. R.D. Lewis, Texas Agricultural Experiment Station, who will tell of the "Interdependency of Agriculture and Industry."

Dimmitt -- Ed McElroy, First State Bank assistant vice-president and farm representative, is chairman of the Feb. 26 morning session.

(MORE)

2--Ag Chemical Conference

Hereford -- Howard Gault of the Howard Gault Co., will tell about "Effective Use of Chemicals in Vegetable Production."

Lake Jackson -- Dr. Burnett Truchelut, research and development physiologist for Dow Chemical Co., will discuss "New Frontiers in Agricultural Chemicals."

Lubbock -- Dr. W.L. Stangel, Tech Agriculture dean will make opening remarks; Dr. Donald Ashdown, is moderator for the Feb. 27 insecticide forum; Dr. A.W. Young, agronomy department head at Tech, will lead a forum on fertilizer usage; and Dr. Clark Harvey, Tech associate professor of agronomy, will discuss field crops fertilizers.

Memphis, Tenn. -- Dr. H.G. Johnson, American Cotton Council research director, will tell of "An Effective Cotton Insect Pest Control Program."

Wichita Falls -- J.C. Porter, assistant vice-president and agricultural representative for the First National Bank of Wichita Falls, is chairman of the Feb. 27 morning session.

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Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION FINE ARTS EDITORS

LUBBOCK, --A musical holiday in Italy and Spain will be presented Thursday (Feb. 9) in the West Texas Museum auditorium on the Texas Tech campus.

Sponsoring the program are the Tech music department and the West Texas Museum Twilight Music Hour. Charles Lawrie, Tech music instructor, will be commentator for the concert.

The Tech Madrigal Singers will open the program at 4 p.m. with Four Madrigals including "Spring Returns" by Marenzio, "So well I know who's happy" by Vecchi, "You defy me, beloved foe" by Giovanelli and "Filli, fairest and most dear" by Monteverdi.

Other songs to be presented by the Madrigal Singers include a Motet by Tomas Luis de la Victoria and a traditional Italian carol.

Scenes from three operas will be presented by members of the Tech Opera Theater with Charles Lawrie, directing.

A scene from act three of Bizet's "Carmen" will be sung by Martha Mack, senior music major from Lubbock; Mary Pfingsten, freshman music education major from Lubbock and Sandra Hemmle, senior music education major from Arlington.

A scene from act two of "The Triumph of Honor" by Allessandro Scarlatti will be presented by Geneva Ellis, freshman music major from Crosbyton and Rex Pope, junior music education major from (4207 Clifton Ave.) Amarillo.

Singing a scene from Verdi's "Rigoletto" will be Martha Mack, Karen Frack, sophomore music education major from Seguin, and Don Armstrong, senior music major from (2004 Monroe) Amarillo.

Members of the Tech Madrigal Singers are:

(MORE)

2--Musical holiday

Amarillo--Don Armstrong, senior; Carol Carthel, senior, (209 Arch Terrace); and Rex Pope, junior.

Arlington--Sandra Hemmle, senior.

Borger--Glenda Beth Keith, senior.

Dallas--Charles H. Sanders, junior, (6515 Velasco).

Kilgore--Von Ross Prah1, senior.

Lubbock--Irma L. Knowles, graduate; Shirley Yvonne Skinner, junior.

Snyder--Louise Crook Devenport, senior.

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Adrian Vaughan
Department of Public Information
Texas Technological College

Tryouts for "Macbeth," Texas Tech's speech department's next production, will be held Monday through Friday (Feb. 3-7) from 7 to 10 p.m. in the Speech Auditorium, according to Ronald Schulz, speech department head.

"Macbeth" will be presented April 28 through May 3. All students are invited to tryout for parts in the production and any students wishing to work on any production staff should contact Schulz next week during the tryout hours.

--30--

Texas Tech welcomed 111 entering freshmen for the Spring semester (as snow flakes fell) Tuesday, then fired a day-long battery of placement tests at them.

All are expected to "recover" from the quizzes by Thursday when the three-day period of registration for regular Spring semester classes begins.

All-church night, a series of welcoming programs sponsored by local denominations will be held Thursday.

The tests are for placement in classes only, as there is no limitation on enrollment of high school graduates and other properly qualified students at Tech.

A statistical breakdown of entering Freshmen showed 34 in the School of Arts and Sciences, 18 in Business Administration, 45 in Engineering, 9 in Agriculture and 5 in Home Economics.

Make-up tests for entering freshmen will be given only at 1 p.m. Monday, according to Dr. S.M. Kennedy, assistant dean of arts and sciences, who is in charge of freshman orientation.

Persons who missed the tests or otherwise have reasons to take them Monday should get in touch with the dean of the School in which they expect to study, Kennedy said.

Regular classes for the Spring semester will begin Monday as will registration and classes for the evening and Saturday-only program. Signing up for the latter will take place between 5 p.m. and 7 p.m. Monday through Thursday (Feb. 6) and from 8 a.m. to 12 noon Saturday (Feb. 8).

One day--Wednesday (Feb. 5)--will be the only time for late registration and course changes in the regular class program.

Approximately 7,800 are expected to register for the Spring semester.

Adrian Vaughan
Department of Public Information
Texas Technological College

ATTENTION BOOK-PAGE EDITORS

LURBOCK, --A former Texas Tech scientist has come to the aid of laymen likely to be confused by reports of flying saucers, "men from Mars."

A lucid explanation of the most recent and authoritative thinking about the origin of life, possibilities of life on other planets, and the future of life on earth is given by Dr. J.H. Rush in The Dawn of Life, published by Hanover House.

After presenting details of scientific theories on what life is and how it came into being, Rush points out the best scientific thinking about life on other planets.

The only possibilities for the existence of life, as humans know it, on other planets probably have occurred on Venus and Mars, Rush declares.

He shows that the best possibilities of life on Venus probably occurred long ago--if at all--and that possibilities of life there now are very slim.

"Men from Mars" supporters will find Rush's remarks on that planet most disappointing.

The highest form of life thought to be possible now on Mars is a lichen or combination of fungus and algae, according to Rush.

"To say that lichens or similar organisms may now grow on Mars is not to imply that they or any life could begin under existing conditions on the planet," he writes. "To say that life could not emerge under present conditions would be unnecessarily dogmatic; but such a process does not appear likely.

(more)

"Probably the planet was more hospitable to the life processes at an earlier period, when it still retained liquid water and a more abundant atmosphere. On this view, any vegetation on Mars today is the persistent survivor of more numerous and vulnerable forms of an earlier time."

Rush climaxes his book with the prediction that man has the chance to exert controls over life processes to an extent comparable to the control he now is exerting in the purely material realm of atomic processes.

A former physics teacher at Tech, Rush now lives at Boulder, Colo., and is working on a project to develop a satellite-tracking instrument. During World War II, he did atomic research at Oak Ridge, Tenn.

Adrian Vaughan
Department of Public Information
Texas Technological College

Many Armed Forces veterans can be exempted from tuition and certain fees at Texas Tech under the State's Hazlewood Act, Tech officials reminded on the eve of registration for evening and Saturday-only classes.

Signing up for such Spring semester classes will be conducted from 5 p.m. to 6:30 p.m. Monday through Thursday and from 8 a.m. to 12 noon Saturday. Wednesday is the one day left for registering in regular Spring semester classes.

The Hazlewood Act, a State law, applies to men and women veterans who have been legal residents of Texas for the 12 months immediately preceding registration at Tech.

Eligible persons must have honorable discharges.

The Act's provisions also apply to children of veterans who were killed in action or who died in service during World War II and the Korean War.

Exempt from benefits are persons who were discharged on personal request or because of being over the age of 38.

Veterans are not eligible for the State-law benefits until expiring of their eligibility for educational benefits through the Veterans' Administration, Tech officials emphasized.

Fees not covered by the State benefits include matriculation, library, and laboratory charges and fees for room and board.

Tech is offering 60 courses in its evening and Saturday-only classes for the Spring semester. The classes meet fewer times for longer periods than regular classes as a convenience to working people and commuters.

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Adrian Vaughan
Department of Public Information
Texas Technological College

Tryouts for Texas Tech's Angel Flight drill team will be held from 4 to 5 p.m. Monday through Thursday on the South drill field.

The Angel Flight is an honorary Air Force ROTC auxiliary for coeds, marching with the cadets at parades and similar occasions.

Qualifications for the team are a 1-point (C) grade average, good posture and drilling ability.

--30--

Dr. Robert P. Anderson, assistant professor of psychology at Texas Tech, will be a visiting professor of psychology at the University of Vermont summer session at Burlington, Vt.

He will teach "Guidance for Public School Teachers" and "Personality and Mental Hygiene" in the summer session that begins July 10.

Anderson is director of the Rehabilitation Counseling Program at Texas Tech.

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Adrian Vaughan
Department of Public Information
Texas Technological College

LUBBOCK, --The fourth annual Grain Drying and Storage Conference will be held Feb. 20-21 at Texas Tech, with 29 specialists as speakers.

Subjects will include sanitation, moisture measurements, aeration, and effects of storage on nutritional qualities of grain. Other talks will be on causes of grain spoilage, and effects of storage methods on grains for feeding.

Industries' solutions to regional drying problems will be given and a panel will discuss service charges and handling problems in drying and storage.

Prof. Ira Williams, Tech agricultural engineering department head, is in charge of arrangements for the conference. It will be held in the Tech Union Building. The meeting is sponsored by 21 organizations.

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W.R. Tatum, County Chairman
Public Information
American Red Cross
1641 Broadway, Lubbock

Women living in various communities in Lubbock County are urged to enroll in the Red Cross "Care of the Sick and Injured" instructor's course that begins Wednesday.

The 14-hour course will be offered at 9 a.m. to noon and from 1 p.m. to 4 p.m. on Wednesdays and Fridays, Feb. 5-7-12-14 and Feb. 19, Mrs. Glenn Woody, registered nurse who will teach the course, said.

Those wishing to enroll are asked to call the Lubbock County Red Cross Chapter House at POster 5-8534 or come by the local ARC headquarters at 1641 Broadway.

"The course is open to all women who wish to teach Red Cross home nursing in their civic, social or church organizations," Mrs. Woody said.

In addition to teaching better ways of caring for the sick, the course includes the best techniques of caring for those injured in natural disasters or attack.

In addition to complete practical training, the ARC course includes preparation for teaching to others the techniques of caring for the sick and injured.

ATTN: FARM EDITORS

LUBBOCK, Jan. --Producers of certified seed must obtain permission from State Seed and Plant Board before labeling as substandard cotton seed produced in 1957 for the 1958 marketing, Dr. A.W. Young, chairman of the board, declared here.

Misinterpretation of the board's January ruling that 1957 substandard cotton seed may be labeled "Germination below 80%" has been reported with the result that some seed growers may be failing to secure approval from the Seed and Plant Board. An emergency must be considered to exist before approval is given, he said.

"The permission granted to label cotton seed with a certification or registration tags with the statement 'Germination Below 80%' does not relieve certified seed producers from any of the general requirements, rules or regulations pertaining to cotton seed or any other class of seed," he pointed out.

"In other words," said Young, "producers in the certified seed program in Texas must make written application to the State Seed and Plant Board for permission to use this method of labeling their substandard seed and receive that permission.

"The request should indicate the germination of each seed lot which is to be so tagged," he added.

He said the regulations are spelled out in "Section 11a of General Requirements of All Applicants" in the state agriculture department's "Seed Certification Standards -- 1956."

Earlier this month Dr. Young announced the board's decision to maintain germination standards for certified and registered cotton seed in Texas. The board has been asked to lower minimum germination requirements by many producers.

(more)

2--Substandard Cotton Seed Labeling

"There seems to be insufficient justification," he said, "to lower the standards because of the general unfavorable climate conditions in 1957 which resulted in lower than average germination of cotton seed in Texas."

He added that "if the standards were lowered now, they would undoubtedly need to be raised again next year."

Young, who is also agronomy department head at Texas Tech's Agriculture School, cautioned cotton growers not to purchase just any high-germinating cotton seed for the 1958 planting.

"Some of these seed lots may come from areas where varieties of cotton are grown which are not adapted to the areas in Texas where they are offered for sale," he said.

Several cotton seed producing states have lowered minimum germination standards for certified and registered cotton seed, Young noted.

"The result has been that the high-germinating seed lots have sold up to \$400 a ton while lower-germinating seed stocks are being offered at varying price levels which are based largely on the percentage of germination of seed," he added.

Adrian Vaughan
Department of Public Information
Texas Technological College

LUBROCK, ---Persons within commuting distance of Texas Tech have a choice of 60 different courses if they wish to enroll in Tech Evening and Saturday-only classes that begin the week of Feb. 3.

Registration will be held from 5 to 6:30 p.m. Monday through Thursday (Feb. 3-4-5) and from 8 a.m. until noon on Saturday (Feb. 8).

Courses ranging in scope from elementary accounting to medical aspects of rehabilitation will be offered for the Spring semester through the special program.

Men and women interested in improving their business ability have a choice of six accounting courses, three in business, real estate and CPA law, and one in economics. Courses in business correspondence, business and professional speech and business education are also offered.

The practical politician will find two courses in American government available as well as a course in advanced discussion and debate offered by the speech department.

Potential executives may want to enroll in one of three management courses being offered. These include industrial, motor carrier and railroad traffic management.

The Home Economics School is offering courses in child development and home economics education while the applied arts department offers weaving and history of textiles.

Courses in biology, botany and Bible are available.

Seven courses in various levels of mathematics are being offered in the night sessions and two courses in history.

(more)

2--Tech Evening and Saturday-only classes

Tech's psychology department will teach seven courses related to psychology, counseling and guidance. English courses available include writing fundamentals, composition and literature studies.

Thirteen separate courses are being offered by Tech's department of education for teachers in the Lubbock area. Eleven of the upper-level education courses will be offered from 6 p.m. to 9:30 p.m. on Wednesdays or Thursdays. A course on guidance program development has been scheduled from 4:30 to 6 p.m. on Tuesday or Thursday. Two sections on group processes are being offered Saturday mornings.

A detailed schedule of Evening and Saturday-only classes offered in the Tech Spring session is available at all high school principal offices in the Lubbock area. Schedules may also be obtained in the registrar's office at Tech.

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RADIO PI POSSIBILITIES

1. Five minute shots by specialists in ag, home economics, business, government, sports.
2. Five-minute and 15-minute shows by Speech Department, Music Department (especially Tech Choir).
3. Taped hometown stories (student honors, awards etc.)
4. Five, 10, 15 or 20 second "commercials" for Tech as a public service feature. (Examples--sounds at Tech as a tie in with philosophy, various programs--recordings of crowd noises at basketball game, band music, you are a member of Tech team, talk Tech).

Consider Cost, Facilities And Personnel,
Production And Distribution Procedures