

News and Publications

Lubbock, TX 79409-2022

(806) 742-2136

FAX (806) 742-1615

CALENDAR WEEK JAN. 5-12

REF: 1-1-4-90

CONTACT: News and Publications

(MEDIA ADVISORY: This Texas Tech calendar is compiled to let you know of upcoming events and upcoming releases and to serve as a reminder of releases already sent. If you need more information, call News and Publications at 742-2136.)

**JAN 8**

School of Law classes begin

Third and fourth-year medical students begin clinical rotations

University faculty on duty

Health sciences center registration begins for new students in graduate studies and nursing through Jan. 12

University registration begins for new students through Jan. 12

Residence halls open for spring occupancy 10 a.m.

**JAN 10**

Teleconference -- "Managing Global Change: The Architects of the Future" by Daryl Conner, president of ODR Inc.  
2-4 p.m. and 7-9 p.m., TTHSC Room 5A100

**JAN 12**

Last day for new students in TTHSC graduate studies and nursing to register without penalty

Last day for new students in university to register without penalty

Conference -- "How to Get Started in Medical Practice" presented by Conomikes Associates Inc.  
8:15 a.m. to 5 p.m., TTHSC Room 2B152 through Jan. 13

# TEXAS TECH

University & Health Sciences Center

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FOR IMMEDIATE RELEASE

REF: 3-1-4-90

CONTACT: Melissa Workman

LUBBOCK -- The Texas Tech Health Sciences Center will present the national video conference "Managing Global Change: The Architects of the Future" Wednesday (Jan. 10).

Presenter Daryl Conner is president of ODR Inc., a consulting firm for organizations facing major change. Conner has worked with Fortune 500 companies, school systems and government agencies to develop methodologies for implementing change.

Topics will include identifying global trends and understanding the importance of synergy or combined operations in business. Conner will also give case studies of organizations facing change.

Registration costs \$25 for the public. The conference will be 2-4 p.m. and 7-9 p.m. in Room 5A100.

For more information or to register, call the Library of the Health Sciences Teaching and Learning Center at 743-2213.

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FOR IMMEDIATE RELEASE  
REF: 3-1-5-90  
CONTACT: Chris Patterson

LUBBOCK -- Texas Tech University's College of Education and the Division of Continuing Education will offer during the spring semester a new course that concentrates on drug abuse prevention.

"Update on Substance Abuse Issues" is intended primarily for educators such as teachers, counselors, administrators and other school personnel. The class may be taken for three hours of undergraduate or graduate credit.

The course will address topics such as: the behavioral and physical signs of chemical use and abuse in the classroom or at home; types, characteristics and effects of drugs; cult awareness as related to drug abuse; co-dependency in the family; the concept of addiction as a disease; and the education/law enforcement/community team as a chemical abuse prevention force.

Classes will meet 4:30-7:30 p.m. Tuesdays beginning Jan. 9. Students may register during the first class meeting. The registration fee, based on enrollment, will be approximately \$200.

Dan Gomez, director of the Educators for Drug Free Schools training program at Texas Tech, will teach the course.

For more information or to enroll in the course, contact Gomez at (806) 742-2041 or (806) 742-2313, or Debra Palmer at the Continuing Education office at (806) 742-2352.



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FOR IMMEDIATE RELEASE

REF: 1-1-8-90

CONTACT: Chris Patterson

LUBBOCK -- The spring sessions of Super Saturdays and the Young Actors Workshop for gifted and talented students will begin Feb. 3 at Texas Tech University.

The programs, sponsored by the Division of Continuing Education, are for students in kindergarten through 12th grade and provide academic and creative experiences beyond the regular school curriculum. Instructors for the classes include members of the Texas Tech faculty and public school teachers who have expertise with gifted and talented students.

Super Saturdays' topics for elementary students include art, architecture, clay works, construction, computers, drawing, French cooking, law, meteorology, microbiology, painting, puppetry, quilting, science and self-esteem.

Secondary students can select from architecture, clay works, computers, drawing, French cooking, law, microbiology, painting, quilting and meteorology.

Super Saturdays classes meet for two hours each Saturday, Feb. 3 through March 10. Costs for classes vary, however most classes are \$59.

The Young Actors Workshop offers stage-related classes to students with superior academic and performing arts potential and skills. Second through fifth graders can stretch their imagination and creative skills through theater games, improvisation and role-playing in the "Creative Dramatics" class.

The "Theater Arts Production" class introduces the basics of theater and acting, communications skills, voice, movement, projection, concentration, script analysis and group ensemble to students in grades six through 10.

The newest addition to the Young Actors Workshop is "Acting for the Camera." The class teaches the basic skills in acting for video/film camera performances. Acting techniques, communication, production and concentration/relaxation exercises will be among the topics taught as they pertain to video, film and television commercials.

The "Creative Dramatics" class will meet Saturdays, Feb. 3 through March 10, and costs \$62. "Acting for the Camera" and "Theater Arts Production" classes will meet Saturdays, Feb. 3 through March 17, and cost \$82.

-more-

## SUPER SATURDAYS/PAGE 2

To participate in any of the classes, students must be nominated by a parent, teacher, counselor, psychologist or school administrator. Students who meet any one of the following criteria may be nominated: I.Q. of 120 or above, solid B+ or better overall average in school, standardized achievement test score in the 90th percentile or higher in one or more areas, leadership ability, imaginative or creative thinking ability, or visual or performing arts ability. Application deadline is Jan. 29.

For more information or to register for Super Saturdays and Young Actors Workshop, contact Deborah Milosevich or Mary Kris Flores at the Institute for the Gifted, Division of Continuing Education, Texas Tech University, Box 4110, Lubbock, Texas, 75409, or telephone (806) 742-2353.

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FOR IMMEDIATE RELEASE

REF: 2-1-10-90

CONTACT: Melissa Workman

LUBBOCK -- The Texas Tech Health Sciences Center will offer a continuing nursing seminar "Walk-On-Water Women" Friday (Jan. 26) for working women in all fields.

Presenter Melodie Chenevert, R.N., M.S.N., will discuss the Walk-On-Water Syndrome, physical/emotional complications of carrying a heavy load, and the risks and rewards of being a high achiever.

Chenevert directs her own company, PRO-NURSE, which provides products and services designed to increase professional pride and productivity. She is author of "STAT: Special Techniques in Assertiveness Training" and the "Mosby's Tour Guide to Nursing School".

Registration costs are \$42 before Jan. 12 and \$57 after Jan. 12. Registration begins at 8:30 a.m. The course will be 9 a.m. to 4:30 p.m. in Room 2C103.

The course, sponsored by the TTHSC Continuing Nursing Education Program, offers continuing education credit of 0.6 CEUs.

For more information call the Continuing Nursing Education Program at (806) 743-2734.



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**FOR IMMEDIATE RELEASE**

**REF: 3-1-10-90**

**CONTACT: Chris Patterson**

**LUBBOCK --** Engineering professionals may benefit from a short course titled "Engineering for Extreme Winds: 1990" scheduled Jan. 31 through Feb. 2 at Texas Tech University's Civil Engineering Building.

The seminar is sponsored by Texas Tech's Institute for Disaster Research, Wind Engineering Research Center and the Division of Continuing Education.

Some objectives of the short course will be: current approaches to the design of structures to resist wind loads, the effects of extreme winds on buildings and structures and window glass systems for high-rise buildings. The provisions of the revised National Wind Load Standard ASCE 7-88 also will be covered in detail.

Conducting the short course will be: James R. McDonald, director of the Institute for Disaster Research; Kishor C. Mehta, director of the Wind Engineering Research Center; Joseph E. Minor, chairman of the department of civil engineering at the University of Missouri at Rolla; H. Scott Norville, director of the Glass Research and Testing Laboratory at Texas Tech; and Richard E. Peterson, chairman and professor of atmospheric science at Texas Tech.

The \$450 fee includes short course notes and a copy of the ASCE 7-88 Standard. MasterCard or VISA charges will be received by phone.

A special conference rate of \$49 single occupancy and \$59 double occupancy has been arranged at the Barcelona Court Hotel, 5215 Loop 289 South, (800) 222-1122. Hotel reservations should be made before Jan. 17 to receive the special rate. Transportation between the hotel and the campus will be provided.

For a registration form or for more information, contact Birgit Rahman, Division of Continuing Education, Texas Tech University, P.O. Box 4110, Lubbock, Texas, 79409-2191, or telephone (806) 742-2352.

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FOR IMMEDIATE RELEASE  
REF: 4-1-10-90  
CONTACT: Jennifer LeNoir

LUBBOCK -- W. Kent Wray has been named the new chairman of Texas Tech University's department of civil engineering, effective Jan. 15.

An associate professor of civil engineering, Wray replaces James R. McDonald, interim chairman of the department. McDonald is currently the director of the Texas Tech Institute for Disaster Research and a professor of civil engineering.

"This department has an outstanding teaching and research faculty, and it is my goal to maintain this high standard," Wray said.

The faculty members of the civil engineering department have achieved both national and international recognition in the areas of wind engineering, disaster research, structural glass research, expansive soils, water resources and environmental engineering. Currently, the department has more than \$1 million in externally funded contract research, he said.

Wray's research interests involve the study and research of expansive clay theory and practice, soil-structure interaction, slab-on-ground theory and performance, and pavement-subgrade interaction.

Wray received his bachelor of science degree in physics in 1967 from Washburn University, and his bachelor of science degree in civil engineering in 1968 from Kansas State University. He completed a master of science degree in civil engineering in 1974 from the Air Force Institute of Technology, and a doctorate in civil engineering in 1978 from Texas A&M University.



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FOR IMMEDIATE RELEASE

REF: 5-1-10-90

CONTACT: Jennifer LeNoir

LUBBOCK -- Texas Tech University's Dean of Engineering Mason Somerville recently announced the official appointment of John J. Day as the new Roy Butler Professor and Chair of Petroleum Engineering and chairman of the department.

Day, a consulting petroleum engineer and president of Day Petroleum Consulting International Inc. in Eureka Springs, Ark., is the first department chairman to also be named to the permanent chair position in the college.

The Roy Butler Chair was established on May 1, 1989, by the Samuel Roberts Noble Foundation Inc., of Ardmore, Okla., to honor Butler and to expand support in the field of petroleum engineering, said Somerville.

The chair is named after Butler, a 1971 Distinguished Engineer, who earned a bachelor of science degree in petroleum engineering and a master of science degree in petroleum geology, both from Texas Tech. He also was named a Distinguished Alumnus of the university in 1979. He currently is a member of the Board of Directors of Noble Affiliates Inc.

Day replaces Carlon S. Land, interim chairman of the department. Land will continue at Texas Tech in his position as professor of petroleum engineering.

Day received his bachelor of science degree in 1958, master of science degree in 1959 and doctorate degree in 1965, all in petroleum engineering from the University of Oklahoma. He was a professor and chairman of the petroleum engineering department at the University of Tulsa from 1970 to 1984.

"It's an honor to be named chairman and recipient of the Roy Butler Chair, and I will work to make the department one of the best in the United States," Day said. "Texas Tech has a tradition of excellence in petroleum engineering production education, and I want to enhance that status in the petroleum industry."

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FOR IMMEDIATE RELEASE

REF: 6-1-11-90

CONTACT: Melissa Workman

LUBBOCK -- The Texas Tech Health Sciences Center will present the video conference "A Practitioner's Guide to the Dissection of the Cervicothoracic and Scapulohumeral Regions" Tuesday (Jan. 16).

Presenters James Porterfield and Carl DeRosa will discuss analysis of upper quarter movement, mechanical function of neck and back, and anatomies of the upper arm and torso.

Porterfield is assistant professor of physical therapy at Cleveland State University and president of the Rehabilitation and Health Center of the Crystal Clinic in Akron, Ohio.

DeRosa is associate professor and chairman of the physical therapy program at Northern Arizona University in Flagstaff. Porterfield and DeRosa have also previously presented the video conferences "Exercise and Strengthening" and "Lumbopelvic Function and Dysfunction."

The conference, sponsored by the American Rehabilitation Educational Network, will be 2-4 p.m. and 7-9 p.m. in Room 4A100. Registration cost for the public is \$25.

For more information or to register, call the Library of the Health Sciences Teaching and Learning Center at 743-2213.



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CALENDAR WEEK JAN. 12-19

REF: 7-1-11-90

CONTACT: News and Publications

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- JAN 12** Last day for new students in TTHSC graduate studies and nursing to register without penalty
- Last day for new students in university to register without penalty
- Conference -- "How to Get Started in Medical Practice" presented by Conomikes Associates Inc.  
8:15 a.m. to 5 p.m., TTHSC Room 2B152 through Jan. 13
- Lecture -- "Medical Ethics" by Dr. Bobby A. Rimer, professor and associate dean of Amarillo Regional Academic Health Center  
Noon, TTHSC Room 5B148B
- JAN 13** Conference -- "How to Get Started in Medical Practice" continues  
8:30 a.m. to 5 p.m., TTHSC Room 2B152
- JAN 15** University classes begin  
TTHSC schools of Nursing and Allied Health classes begin
- Student-initiated drop/add begins for university classes through Jan. 19
- Tech Risk Management (TRIM) weight loss plan orientation  
7:15-8:30 p.m., TTHSC Room 5B148B
- JAN 16** Seminar -- "The Impressionist Dialogue" sponsored by the Women's Council of the West Texas Museum Association  
11 a.m., Texas Tech Museum Kline Room
- Video conference -- "A Practitioner's Guide to the Dissection of the Cervicothoracic and Scapulohumeral Regions"  
2-4 p.m. and 7-9 p.m., TTHSC Room 4A100

-more-



CALENDAR/PAGE 2

**JAN 18**                Board of Regents committee meetings  
9 a.m., TTHSC Room 2B152  
(release will be mailed)

**JAN 19**                Last day of student-initiated drop/add for university classes

Board of Regents formal meeting  
9 a.m., Administration Building Regents Suite  
(release will be mailed)

Lecture -- "Breast Disease" by Dr. Robert Messer, professor and  
chairman of obstetrics/gynecology  
Noon, TTHSC Room 5B148B

**TEXAS TECH**  
University & Health Sciences Center

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REF: 8-1-11-90

CONTACT: Chris Patterson

LUBBOCK -- The U.S. Congress recently approved \$500,000 for the first phase of construction of a multi-million dollar Plant Stress and Water Conservation Research Laboratory to be built at Texas Tech University.

The facility will unite scientists from the university, the U.S. Department of Agriculture and the Texas Agricultural Experiment Station to study the biochemistry, physiology and genetics of plants. The researchers' efforts are aimed at developing crops that can withstand drought and extreme temperatures.

The funding for construction of the laboratory is included in the Agricultural Appropriations Bill for fiscal year 1990. The bill has been sent to President George Bush for approval.

Texas Tech was selected in 1979 as the site for a Plant Stress and Water Conservation Research program. The university is located in the West Texas city of Lubbock, the hub of an intensive agricultural area where all major crops grown on the Great Plains of the United States are cultivated. Variable soil texture, water quality, temperature and other environmental factors of the area provide excellent conditions for research with a variety of crops. Significant gains have been made in the areas of wheat, corn, cotton, grain sorghum and onion crops.

For the past 10 years, researchers associated with the plant stress research have been working in various temporary facilities across the campus, said Bob Albin, associate dean for research and agricultural operations in the College of Agricultural Sciences.

"This funding is the first step toward bringing all the researchers together and speeding up their efforts," he said.

Sam Curl, dean of the College of Agricultural Sciences, said the \$500,000, although a small part of the \$17 million required for the facility, represents an important commitment by Congress to the project.

"This funding will enable us to begin construction work," he said. "And I'm optimistic that funding will continue in amounts that will make it possible for us to complete the facility in the near future."

Curl said that members of Congress understand the importance of the laboratory and the associated research and that local representatives and senators have been supportive of the university's efforts.

"Water is a precious commodity with a limited supply, especially in the Great Plains region of the nation. As our researchers develop genetically drought-tolerant crops, we will be able to conserve our water resources and the energy required to pump and distribute the water," he said.



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FOR IMMEDIATE RELEASE  
REF: 9-1-11-90  
CONTACT: Chris Patterson

LUBBOCK -- Construction professionals responsible for planning and implementing safety and health policies and procedures for construction projects are potential students for a new course at Texas Tech University.

The "Construction Safety and Health Management" class will meet 6:30-9:15 p.m. each Thursday from Jan. 18 through April 12 in the Mechanical Engineering Building on the Texas Tech campus.

Topics of the course include: managing the construction safety and health environment; examining the constructor's role in the recognition, avoidance and prevention of hazards in the work environment; dealing with applicable Occupational Safety and Health Administration standards; and the emphasis of safety and health awareness from pre-bid planning to post-construction review.

Lee Reynolds, associate professor of technology at Texas Tech's College of Engineering, will teach the course which is administered through the Division of Continuing Education.

The 12-week course costs \$135. MasterCard or VISA charges will be accepted by telephoning (806) 797-7203. Checks may be mailed to Construction Safety, Division of Continuing Education, Texas Tech University, 3223 S. Loop 289, Suite 115, Lubbock, Texas, 79423. Fees also may be paid in person between the hours of 8 a.m. and 5 p.m. Monday through Friday at the Office of Continuing Education at either the South Loop 289 location or at the Continuing Education Building at 15th Street and Akron on the Texas Tech campus.

For more information about the course, telephone (806) 797-7203.



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**HEALTH TIPSHEET**

from

**TEXAS TECH HEALTH SCIENCES CENTER**

January 12, 1990

**KEY TO LONGEVITY** -- All blood cells are not created equal and that difference could be a factor in how long you live. Research by Gary Van Zant, Ph.D., of the TTHSC cell biology and anatomy faculty suggests that a genetic clock may be at work in our stem cells -- the cells in the bone marrow which produce our blood cells. In experiments on mice, Van Zant has shown that mice with a slower stem cell production rate tend to live longer than those with a faster rate. Though stem cells number but a few thousand at most and only one in 10,000 of the cells in the bone marrow, they must produce three major types of blood cells in all their variations at the rate of more than 2 million cells a second. Stem cells are important to longevity because they produce the white blood cells which are needed to fight off infection and disease. If inadequate white cells are produced, an individual becomes more susceptible to disease because of this broken link in the body's immune system. Breakdowns of the immune system contribute to cancer and serious infection, both leading causes of death among the elderly. Van Zant's work is funded by a \$364,000 grant from the National Cancer Institute. For details, contact him at (806) 743-2707.

**THE ELDERLY AND WINTER** -- People over age 75 are at greater risk from the cold than others, especially since they may not be able to discern temperature changes, says Mary Slater, R.N., M.S.N., of the TTHSC nursing faculty. Since hormonal fluctuation, stroke or decreased muscle activity may affect the elderly's ability to regulate body temperature or generate heat, the elderly should keep a reliable thermostat set at 70 degrees or above and make sure drafts in the house are sealed. Layered clothing and head coverings are especially important for the elderly since they tend to lose the ability to hold in body heat. The elderly should remember that some medications such as valium, antidepressants or antihypertensives increase the potential for hypothermia and that alcohol contributes to heat loss by dilating the blood vessels. One of the best preventive measures for winter is a good nutritious diet of warm foods and beverages to reduce the risk of winter illnesses. For more on elderly cold protection, call Slater at (806) 743-2730.

For assistance in covering these or other stories,  
contact TTHSC News Bureau manager Preston  
Lewis at (806) 743-2143.

10-1-12-90

News and Publications

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FOR IMMEDIATE RELEASE

REF: 11-1-12-90

CONTACT: Melissa Workman

LUBBOCK -- Courses for emergency medical technician (EMT) certification will be offered in Lubbock and Levelland by the Texas Tech Health Sciences Center.

Lubbock classes begin Jan. 23 and Levelland classes start Feb. 6. Each course will meet 6-10 p.m. Tuesdays and Thursdays. Lubbock classes end May 8 and Levelland classes finish May 29.

EMT Paramedics Jim Majorowski and F.E. Shaheen will teach the courses which will cover basic life support and emergency treatment as well as emergency driving and radio communication techniques. Majorowski will instruct the Lubbock class and Shaheen will teach in Levelland.

After completing the 132 classroom hours, students then will complete 40 hours of clinical rotations and five ambulance runs to be eligible to take the Texas Department of Health certification exam.

Tuition for the class is \$250, payable in five installments. Textbooks and handouts may be purchased in class at a cost of \$35. The first tuition installment and textbook costs are due the first night.

The Lubbock course is also available to all levels of certified EMTs who need continuing education credit. The cost is \$2 for each class hour attended.

The Lubbock course will be at the TTHSC, Room 2C223, and the Levelland course will be at Methodist Hospital Levelland.

For more information, call Emergency Medical Programs at (806) 743-3218.



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FOR IMMEDIATE RELEASE

REF: 12-1-12-90

CONTACT: Margaret Simon

LUBBOCK -- The Texas Tech Board of Regents will hold its first meeting of 1990 on Thursday and Friday (Jan. 18-19). Committee meetings will begin at 9 a.m. Thursday in Room 2B152 of the Texas Tech Health Sciences Center. Committee meetings should conclude by 11 a.m. when the board goes into executive session. The official board meeting will be held at 9 a.m. Friday in the Board Suite, located on the second floor of the east wing of the Administration Building.

Most discussion will occur during the Thursday committee meetings. The board meeting on Friday will feature reports by President Robert Lawless, University Provost Donald Haragan and Texas Tech Health Sciences Center Provost Bernhard Mitemmeyer. The regents also will hear a presentation on enrollments, curriculum and research in the department of electrical engineering.

Highlights to be discussed at the committee meetings include:

- Approval of a proposed program in Russian language and area studies,
- Discussion of board policy establishing endowment priorities for the university and health sciences center,
- Discussion of board policy on the use of unrestricted gifts of real property,
- Reports on funded research at both the university and health sciences center, and a
- Report on MEDNET, the interactive video network linking the HSC to rural hospitals in West Texas.

For additional information on the board meeting or the committee meetings, contact Margaret Simon, director, or Kippie Hopper, assistant director, Office of News and Publications, 742-2136.



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FOR IMMEDIATE RELEASE  
REF: 13-1-12-90  
CONTACT: Chris Patterson

LUBBOCK -- The spring class schedule for Texas Tech University's Division of Continuing Education recently has been published and will be inserted in the Jan. 14 edition of the "Lubbock Avalanche-Journal."

Director of the Division of Continuing Education Michael Mezack said the schedule, "A Class of Opportunity," includes listings of new and repeat continuing education courses for the people of West Texas. He said extension or continuing education has been indicated as the fastest growing segment of higher education on a national basis.

"For this reason, Texas Tech's Division of Continuing Education strives to provide better services to the people of Lubbock and West Texas, as well as to the state," he said.

The division offers special interest, computer, test review, professional and career skill and language courses. International study tours, extension courses and certificate programs also are provided.

New professional and career skill courses are "Advanced Investment Techniques," "Construction Safety and Health Management," "Improving Decision Making in Your Business or Organization," "Introduction to Marketing and Management," "Packaging and Presenting Yourself as a Winner," "Sharpening Your Interviewing Skill," "Skill Building on the Keyboard" and a "Tax Preparation Seminar."

In addition to repeat courses in photography, guitar and creative writing, new special interest courses include "Family Violence, Sexual Abuse and Suicide," "Filial Therapy" and "Second Shift."

The Legal Assistant Certificate Program will offer new courses such as "Computerized Legal Research," "Drafting Legal Documents," "Introduction to Legal Assisting" and "Steps to Successfully Finding Your Legal Assistant Career Niche."

Other new courses include: "German: Beginning Conversational I"; a 10-day international study tour "The Ancient Worlds of Israel and Egypt"; and a three-hour credit, extension course "Higher Education 5308 Introduction to Andragogy" which examines the needs of the adult learner.

A full listing and description of the spring 1990 courses will be included in the insert in the "Lubbock Avalanche-Journal." Free copies may be obtained by telephoning the Office of Continuing Education at (806) 797-7203.