

18,440
READERS

THE BATTALION

More Short
Courses Are
Coming Soon

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Price Five Cents



OIL FIRES MEAN DANGER and here an instructor and a student show one of the firemen's short course classes the proper method of extinguishing such a fire.

Firefighters Must Have Knowledge Of Methods

"Texas' rapid industrial growth has made it a necessity that all firemen be trained in the most up-to-date methods of combatting all types of chemical, fuel and gas fires."

This statement was made by R. Roy Simmons, chief training officer of the Dallas fire department, who is directing the field operations of the one-week Texas Firemen's Training School, which ends Friday.

The school has enrolled approximately 1300 municipal, military and industrial firemen from throughout Texas and 20 other states. The school's field operations, staged on a 24-acre area of the campus, include realistic demonstrations of all types of residential and industrial fires, emergency rescue operations, radiation detection, emergency driving and the use of gas masks.

According to Simmons, firemen need to have the knowhow and equipment to be ready to meet the special fire-hazard problems which may result from the ever-increasing number of industrial sites over the state and the mounting traffic of volatile liquids and gases being transported on our highways and railroads.

In addition, he said, they need to be prepared and equipped to

rescue victims of fires, natural disasters or enemy attack.

A featured demonstration of this year's school is an electrically-operated fire hose nozzle which is perched atop an aerial ladder and operated by remote control, thus avoiding the necessity of the fireman exposing himself to the fire while extinguishing it.

Other demonstrations, involving the use of thousands of gallons of crude oil, diesel oil, gasoline and butane gas daily, include an "airplane crash fire," oil pit fire, butane gas fire, gasoline transport fire, house fires, etc. The fuel is contributed by various oil and gas companies.

Radiation detection and protective measures against radiation are also featured subjects of the school, because, according to Henry D. Smith, director of the school, "Firefighters must serve as the public's first line of defense against the disastrous effects of uncontrolled radiation, which may result not only in the event of nuclear war, but in the event of accidental contamination which may occur in the peace time use or handling of radioactive materials in industry."

Students are receiving training in the use of such radiation detection devices as geiger counters,

ionization chambers and dosimeters. They are also learning the most effective methods of decontamination.

Firemen studying emergency rescue operations are learning how to rescue victims "trapped" under various conditions in a simulated "disaster village", which consists of various types of houses and buildings in varying states of demolition.

They learn how to locate victims buried under buildings through a special signalling system and how to cut tunnels and trenches through debris to reach the victims.

Basic courses are given men attending the school for the first time and advanced courses are conducted or experienced firefighters. Special courses are being given for fire marshals, fire officers, training officers and military and industrial firemen.

The school is conducted by the firemen training division of the Engineering Extension Service, and sponsored by the State Firemen and Fire Marshals Association.

The rescue training facilities were provided by the Texas Rescue School, which also is operated by the Engineering Extension Service in cooperation with the State Division of Defense and Disaster Relief and the Federal Civil Defense Administration.

Placement Tests Held August 3 & 17

Entering freshman students who have not already taken part in the Basic Division placement testing program may take these tests Saturday, August 3 or August 17, during the second summer term.

The complete battery of tests will be administered in the lecture room of the Biological Sciences Building and will start at 9 a.m., according to F. E. McFarland, director of testing and research for the Basic Division.

Reservations must be made in order to take the tests and these may be made with Mrs. Mary Barnhill, Room 204 of the Basic Division Building.

All entering students who are assigned to the Basic Division and all transfer students who have less than 30 semester hours are required by the college to take these tests. Special summer school students are not required to participate in these tests if they do not plan to receive a degree from A&M.

Calaway Named To Head Chemistry Dept.

Religion Topic Of Program For Kiwanians

Dr. V. Murthy spoke to the College Station Kiwanis Club Tuesday on the subject of "Religion and India" at their regular weekly meeting.

It was announced at the meeting that there is a meeting of the Kiwanis board of directors tonight at 7:30 at Consolidated High School.

I. M. Atkins, Walter Manning, Homer Adams, Herb Fincher and Ike Peters made an interclub visit to the Huntsville Kiwanis Club last week.

Attendance figures for last month showed a drop with 78 per cent of the total club membership attending the meetings.

Luther Jones, a local Kiwanis member, was recently appointed to the finance committee of the Brazos County Society for Crippled Children. His appointment was made at the Society's executive committee meeting.

Kiwanis members are reminded that next week's meeting is "Sport Shirt Day" and all members are expected to turn out in their wild-west shirts.

29 Colleges Adopt New Text Of A&M Profs

Twenty-nine colleges and universities have adopted as the required text, a new edition of a book written by two members of the A&M faculty.

The book, Propagation of Horticultural Plants, by Dr. Guy W. Adriance, head, and Fred R. Brington of the Department of Horticulture. Publisher is McGraw-Hill.

In a recent letter to the authors Frank W. Wigdahl, promotion manager for McGraw-Hill's College Department, listed the schools which require the text. They are:

The University of California at Davis, Fresno State College, Yuba College, Chaffey College, California State Polytechnic College, Iowa State College, Louisiana State University, Southeastern Louisiana College, the University of Maryland, the University of Massachusetts;

Michigan State College, Mississippi State College, Oklahoma A & M, Oregon State College, Rutgers University, Clemson College, Tennessee Polytechnic Institute, Howard County Junior College, San Angelo College, Tyler Junior College, A&M, Texas Tech, Tarleton State College, Texarkana College, Wharton Junior College, Weber College, the University of Vermont, Yakima Junior College and the University of Wisconsin.

Lions Show Film Of Dallas Tornado

The College Station Lions Club met for their weekly luncheon meeting Monday in the Memorial Student Center and watched a film of this spring's Dallas tornado, entitled "Disaster Dallas."

George Huebner, program director for the month, presented the film, which was made by WFAA-TV of Fort Worth.

Dave Fitch presided over the meeting during the absence of the local club president, Charlie Haas. Fitch reminded the club members of the board of directors meeting which was held yesterday at 12:30 in the MSC.

Notable Chemist Of Georgia Tech

Dr. Paul Kenneth Calaway, one of the south's outstanding chemists, has been named head of the Chemistry Department. He will assume his duties Sept. 1.

The new Chemistry Department head comes to A&M from Georgia Institute of Technology. He was head of Georgia Tech's Chemistry Department from 1948 to 1954, when he was named director of the Tech Engineering Experiment Station, which has a research volume of \$2,000,000.

"We are very pleased to be able to bring to our Department of Chemistry a man with the administrative experience and position in the field of education in chemistry that Dr. Calaway commands," Dr. Walter H. Delaplane, head of the School of Arts and Sciences, said today.

"Under Dr. Calaway's direction we will continue to stress the strengthening of research and teaching programs in chemistry," Delaplane said.

Calaway holds an A. B. degree, 1931, Arkansas College; M. S. degree, Georgia Tech, 1933 and Ph. D. degree, University of Texas, 1938. A native of Bethesda, Ark., he is a graduate of the Batesville high school.

His field of major interest as an undergraduate was chemistry and his field of major interest as a graduate student was a major in organic chemistry; his minor was physical chemistry.

Calaway was named an instructor in chemistry at Georgia Tech in 1933 and from 1935 to 1938 he was a chemistry instructor at the University of Texas. He joined Georgia Tech again in 1938 and rose from instructor to assistant professor to associate professor, professor and to head of the department and in 1954 named to direct the Engineering Experiment Station.

He is a member of the American Chemical Society, Georgia Academy of Science (Fellow), Sigma Xi and Phi Lambda Upsilon; he is listed in American Men of Science, Who Knows and What, Who's Who in Chemistry and Who's Who in Education and a member of the American Association of University Professors.

In 1947 he was awarded the Sigma Xi Research Prize, an annual prize given by Georgia Tech to the faculty member who has published the most important research paper during the year.

He will succeed Dr. Fred W. Jensen as head of the department, who has been named "Distinguished Professor of Chemistry." Jensen asked that he be relieved of the administration duties in order to pursue his interest in research.

Calaway is married and the father of three children, a boy, aged 9 and girls, 7 and 5 years of age. He and his wife and family plan to move to College Station sometime in August.

Two Courses Set For Next Week

Two short courses are scheduled next week in the Memorial Student Center. Sunday and Monday, the Texas livestock auction operators will meet and Tuesday the Symmetrical Components II short course is set.

The auction short course is sponsored by the Agricultural Economics and Sociology Department with John McNeely chairing the programs.

Sponsored by the Electrical Engineering Department, the components short course is under the direction of L. M. Haupt.

Weather Today

CLOUDY
Partly cloudy skies, including scattered thundershowers, are predicted for the area. The high reading yesterday was 96 degrees, with this morning's low, 73. At 10:30 a.m. the mercury stood at 87 degrees.

Education Prof Authors Paper On First Grade

Elmer C. Ellis, of the Department of Education and Psychology, is co-author of a monograph titled "Underage First Grade Enrollees," recently published by the University of Texas Press.

The research study, sponsored by the Texas Elementary Principals and Supervisors Association and the Texas Executive Committee of the Southern Association of Colleges and Secondary Schools, is a report of achievement and personal and social adjustment of children who entered school before reaching six years of age.

The two year study, made in seven selected school systems of Texas, involved more than 3,000 elementary school students, and is a 135 page study of school progress of underage first grade enrollees compared with children who entered under normal age requirements.

Other authors of the monograph are Henry J. Otto, project coordinator, and M. Vere DeVault, both of the University of Texas, and Edward M. Vodicka, Austin Public Schools.

Ozment Named CHS Principal By Trustees

A former A&M counselor of cadets, E. P. Ozment, was named principal of A&M Consolidated High School at the recent meeting of the school trustees.

Ozment has had 10 years experience as a public school administrator. He comes to College Station from Ganado where he had served as high school principal since 1953. Prior to that time he had been principal at Weimer from 1948 to 1950.

He served as counselor of cadets at A&M from 1950 to 1952, though part of this two years was spent in the army during the Korean conflict.

The new principal attained the rank of major during five years of infantry service in World War II.

Ozment holds a B.A. degree from Henderson State College in Arkadelphia, Ark. He received his masters degrees in education in 1944 from the University of Texas. J. J. Skrivaneck, former CHS principal, has taken a teaching job with the Bryan school system.

Dean's Ill Father Dies In Smethport

John Calhoun, father of John C. Calhoun Jr., dean of engineering at A&M, died early Tuesday at his home in Smethport, Penn. He had been ill a short time.

Dean Calhoun is in Smethport. Funeral services will be held today.

Russell Authors Geological Article

Dr. W. L. Russell, research geologist of the Texas Engineering Experiment Station, is the author of an article entitled "A New Instrument for Measuring Bulk and Grain Volumes."

It appeared in the July 1957 issue of the Journal of Petroleum Technology, official publication of the American Institute of Mining, Metallurgical, and Petroleum Engineers. The article is scheduled for appearance also in the 1957 Transactions of the A.I.M.E. entitled Petroleum Development and Technology.

The writing describes a pycnometer and new techniques Dr. Russell devised for laboratory determination of the physical properties of geologic samples in the interest of aiding prospecting and well log interpretation.

Reprint copies of the writing are being made available by the Texas Engineering Experiment Station.



DR. PAUL K. CALAWAY
New Chemistry Department head



TRAINING FOR ANY EMERGENCY was the order of the day at the Firemen's training school held this week. Here a student demonstrates how to get an ambulatory case down a ladder.