

What's Up

TUESDAY

UNIVERSITY LUTHERAN STUDENT CENTER: We will leave the student center, 315 N. College Main, at 6:30 p.m. to visit and sing at the Sherwood Nursing Home.

INSTITUTE OF INDUSTRIAL ENGINEERS: Dr. Ann McDonald from the Texas A&M Placement Center will speak on interviewing procedures and resume writing at 7 p.m. in 104B Zachry. Pictures for the yearbook will be taken.

OFF CAMPUS CENTER: We are having a "meet your neighbor" party at 7 p.m. in the party room of Scandia Apartments.

ASSOCIATION OF BIOENGINEERS: The meeting is at 7 p.m. in 607 Rudder Tower and will feature guest speaker Lt. Mark Tiedmann.

FLYING CLUB: Come to the safety seminar and a regular meeting at 7:30 p.m. in the clubhouse, north ramp of Easterwood Airport.

GREAT ISSUES: Lynn Ashby will speak on "Good Bull?", cooperation between Texas A&M and t.u., at 8 p.m. in Rudder Theater.

IM-REC SPORTS DEPARTMENT: Entries close at 7 p.m. for golf singles, badminton singles and pickleball singles. Sign up in 159 E. Kyle.

SAILING TEAM: The meeting is at 7 p.m. in 109 Military Science.

RIO GRANDE VALLEY HOMETOWN CLUB: There is an important meeting for officer elections at 7:30 p.m. in 305 Rudder Tower.

MSC ARTS COMMITTEE: Paola Barrucchi will lecture on the cultural influences upon Italian art at 8:30 p.m. in 301 Rudder Tower.

ENGINEERING TECHNOLOGY SOCIETY: Yearbook pictures will be taken at the meeting at 6:30 p.m. in 163 Blocker (A&A).

BROWNWOOD HOMETOWN CLUB: We will take yearbook pictures at the meeting at 7 p.m. in 604 A-B Rudder Tower.

STUDENT SERVICES COMMITTEE: A seminar on "turning ideas into action" is at 8:30 p.m. in 501 Rudder Tower.

SADDLE AND SIRLOIN: There is a meeting at 7 p.m. in 115 Kleberg featuring guest speaker Dr. Dennis Stiffler.

MSC VIDEO COMMITTEE: A general meeting to discuss upcoming productions and activities is at 8:30 p.m. in 410 Rudder Tower.

MSC BASEMENT: A meeting to discuss plans and programs for October is scheduled for 8 p.m. in Rumours, located in the Memorial Student Center.

AUDIO ENGINEERING GROUP: Meet in the basement of the Memorial Student Center outside of the Singing Cadet rehearsal rooms at 8:30 p.m. for a recording studio tour and a special program about microphone use and design.

TEXAS A&M WATER SKI CLUB: A general meeting with regional results at 8:30 p.m. in 607 Rudder Tower.

TECHNICAL COMMUNICATION SOCIETY: The first meeting of the fall semester is tonight at 7 in 126 Blocker Bldg (A&A). Anyone interested in technical writing and communication is welcome. Refreshments will be served.

'Trained' by retiring mechanic

Computer developed to fix trains

United Press International
WASHINGTON — David I. Smith has been working on General Electric locomotives for 42 years and probably knows more about them than anyone else — except, that is, for the computer he taught to mimic the locomotive trouble-shooting process. Smith, 60, is GE's top locomotive field service engineer. When repair crews have trouble diagnosing a problem with one of those giant diesel-electric engines, Smith often is the man they call for help.

"I'm unique, I'm sure, because I'm the only one in the railroad industry that has had contact with all the GE locomotives," said Smith, based in Erie, Pa. The expertise he has accumulated from helping design the locomotives for 20 years and servicing them for 22 is priceless. To make sure that knowledge is not lost when Smith retires, and to make it more readily available to repair shops across the country, GE has developed a computerized system to help technicians diagnose faults and fix them quickly. To develop computer programs to reason much the way an experienced locomotive engineer would, GE computer specialists spent the better part of the last year and a half interrogating Smith.

The company said that with the new system, even a novice engineer can uncover a problem by spending just a few minutes at the computer terminal. The system can lead the repairman through step by step fix-it procedures, presenting computer-aided diagrams and even films stored on a video disc. "One of the famous troubles the railroad people get from their operating crews is locomotive not loading properly," Smith said in an interview. "That's like you wife leaves you a note on the kitchen table saying

the car won't go. You don't know whether its out of gas, she can't find the keys, the garage door is stuck, you have a flat tire, dead battery or what.

"The engine crew, they're bus drivers," Smith said. "All they know is the train didn't perform like it should. It was just not running properly. That's all they report. So you have to figure out what they mean."

So he said he developed a set of rules for the computer user to follow. The cause of the problem is unknown so a lot of different checks have to be made —

checks of the fuel system, lube oil system, cooling system and the like.

Smith said sometimes there are several things wrong. "The shop crew will tend to fix the first one and figure that's got to be it."

"So we're trying to get some discipline in here and make sure the shop crew follows through and not just fix the first one they find. We want the locomotive to go out and stay out and make money."

Smith said the computerized

trouble-shooter is designed for GE series 7 locomotives — one of the most popular locomotives on America's rails. About 2,000 are in use across the United States.

He said the system costs between \$30,000 and \$50,000, and said the railroads consider that a bargain.

"They say that's cheap. If I can get a locomotive to get out and work for two more days because of this tool it will pay for itself the first time."

COMPARE	COMPARE	COMPARE	COMPARE
Compare the cost of a complete meal at the Memorial Student Center with the cost of a similar meal anywhere else.	Compare the cost of a complete evening meal at the Memorial Student Center with the cost of a hamburger, cola, and french fries anywhere else.	Compare the nutritional value of an evening meal at the Memorial Student Center with a snack for the same or similar price anywhere else.	Compare the cost of an evening meal at the Memorial Student Center Cafeteria with the cost of a meal prepared at home. Many agree that it is less expensive to dine at the MSC.
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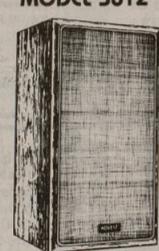
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Living with loudspeakers—Despite all advertising to the contrary, it is not particularly difficult to design a good loudspeaker. The basic knowledge and materials have been available for some time, and any of many design concepts can produce excellent sound.

Even so, many people own loudspeakers that simply aren't very good. People who own those speakers are surprised and disappointed that they don't enjoy listening to music as much as they might.

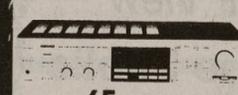
On the other hand, people who own Advent loudspeakers say that they find a new excitement in familiar music and a happy interest in new music. Technical reviewers in the USA and around the world point to the Advent loudspeakers as a standard of value.

If you listen closely and at length to any Advent speaker, preferably with musical material that is familiar to you, we believe you will have no trouble hearing why the Advent reputation for excellence is so widespread.

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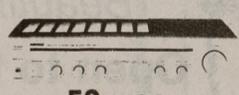


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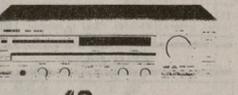


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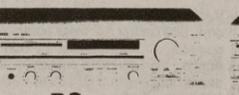


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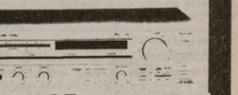


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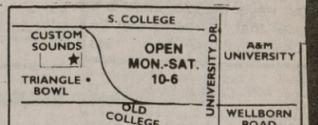
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Police break up large bookmaking operation

United Press International
AUSTIN — The arrests of three people and the seizure of \$400,000 in betting receipts broke up one of the biggest bookmaking operations in Texas history, a Department of Public Safety spokesman said Monday.

The DPS, along with Austin and Travis County authorities, raided the gambling operation Saturday at a \$300-a-day condominium in the small Lake Travis community of Lakeway.

"We seized betting slips and receipt sheets which indicated about \$400,000 in bets on col-

lege and pro football games for the weekend," said DPS spokesman Larry Todd. "It's one of the largest (busted bookmaking operations) in recent history."

Three men were charged with promotion of gambling and possession of gambling paraphernalia and were released on personal bonds. They were Parris Holmes Jr., 39, of Lakeway; John E. Heaner, 43, of Houston; and Ashley B. Rozelle, 38, of Fayetteville, Ark.

The DPS had been investigating the statewide gambling ring for more than six months.

UNITED CAMPUS MINISTRY (UCM) ANNOUNCES THE ADDITION TO OUR CAMPUS MINISTRY STAFF OF THE REVEREND SUSAN CLINE.

Susan will join Mike Miller as the presbyterian, UCC and Disciples of Christ Campus Pastors of TAMU. Susan received her B.A. from Stephens College and is a senior at EDEN Seminary. She is experienced in counseling with special skills in areas related to women's issues. To contact Susan call UCM (846-1221) or 693-9248. Susan will also be in the listening Ear Counseling Center (in All Faith's Chapel) every Tuesday from 12 until 2 p.m. Please come by!

DAY SPECIAL and EVENING TURKEY DINING Served with cranberry Sauce, Corn Bread, Butter Coffee or Tea. Ciblett Gravy our choice of any vegetable