2-17-1967

The Amplifier - v. 12, no. 6

Associated Students of the Montana College of Mineral Science and Technology

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Steve Bauer, junior in geophysics, uses signal generators and oscilloscopes to analyze the performance of a transistor amplifier. Displays like this will be a common sight all over campus on E-Days.

\section*{Pressure gauge is donated to Tech}

The Geophysical Research Corporation of Tulsa, Oklahoma, a subsidiary of the Amerada Petroleum Company, recently donated an Amerada Bottom Hole Pressure Gauge to the department of petroleum engineering. This gauge has a market value of $1,825.00. It is used in the petroleum production laboratory to familiarize students with the application and limitations of the pressure gauge.

Mr. James C. Harper, manager of sales and service for the Geophysical Research Corporation, came from Tulsa on January 5, 1967, to demonstrate the pressure gauge to the department, faculty, and students.

Dr. George Hetherington, who teaches in the petroleum production laboratory, plans to construct a shallow drill hole on campus and erect the appropriate equipment above the drill hole to give the students a vivid demonstration of how the pressure gauge is operated from the surface. The case hole will be constructed so that pressures up to 2,000 p.s.i. may be obtained by an auxiliary pressure pump. Oil would 2,000 p.s.i. may be obtained by an auxiliary pressure pump. One set is main-

\section*{Mardi Gras theme of Frosh dance}

\textit{Mardi Grass} will be the theme of the annual Frosh Class dance tomorrow evening from 9:00 to midnight in the SUB.

The Frosh committees will play.

Students will be admitted on their activity tickets. Others must pay $5.

Members of the decoration committee are Noreen Alfredson, Fran Bazzled, Connie Boston, Virginia McNelis, Carolyn Pesanti, and Karen Valentine. Doug Storey, John Robb, Eulalia Byers, Karen Novack, and Linda Griffiths make up the Frosh committee.

\section*{E-Days preparations are under way}

Under the sponsorship of the Anderson-Carlisle Technical Society, Engineering Days will be conducted February 25 and 26, a Saturday and Sunday. The event, held on the Montana Tech campus, is scheduled from 1:00 P.M. to 10:00 P.M. on Saturday and from 9:00 P.M. to 9:00 P.M. on Sunday.

Various departments on campus will arrange demonstrations with necessary visual aids and lecture material, portraying that department's role in training Montana Tech students. Residents of Butte and neighboring communities are invited to attend to observe firsthand the type of education Montana Tech has to offer and the facilities available to aid that education.

The initial planning was done by the following members of the Anderson-Carlisle Society: Don Rosvig (advisor), Charles Donnegan, Lew Gossell, and Bob Seldal. Students have been selected for committees for the departments with the duties of erecting the displays.

The chairman assigned to head these committees are Jim Loomis for Engineering Science, Al Chiamulera for Metallurgy, Larry Woonen for Petroleum, Ray Hyppa for Mineral Dressing, Will Robinson for Mining, Pete Norbeck for Physics and Geophysics, Henry McClernan for Geology, Isaac Errett for the Department of Humanities, Bob Chew and Lee Slager for the Physical Education Department, and Henry McClernan for the Sign Committee.

During Engineering Days, the demonstrations of each department will be judged and a winner announced.

\section*{Students must file for scholarships before February 28}

Members of the Scholarship Committee urge all qualified students to file scholarship applications for the coming academic year.

Applications and other information may be secured from the Registrar's office and they must be filed on or before February 28.

Upper-division students in degree-granting departments who are interested in specific scholarships designated for their departments should consult with their department heads before making application. To qualify for a freshman scholarship, the student must be accepted by the administration committee and have made application for scholarship aid before February 28.

Hank Schulz observes the energy being released in the bonding of asphalt and an aggregate.
Improvements in E-Days could be made

by STEVE BAUER

Every other year E Days is presented at Montana Tech, ostensibly to interest local high school students in the engineering courses offered here. One of its main features is the competition between departments to produce the best exhibits. Unfortunately, some departments can produce excellent displays with the elaborate equipment required for instruction in its courses. Other departments that do not have such impressive facilities must hope to compete on the same level. Such a disproportionate competition can only produce a circus atmosphere.

To gain better local support, E Days have been scheduled to coincide with National Engineer's Week this year. This is certainly a step in the right direction, and one that could be done for E Days to best serve its purpose of attracting students to the engineering curriculums at Montana Tech.

The importance of showing features of a school to high school students is not publicized. The demonstration, as a method of social status, has lost their impact and their meaning. A demonstration is the same method that accomplished federal support for civil rights. Its effectiveness is questionable, however, given those who score highest and enter Montana Tech the next fall. To help meet the costs and conduct the program, organizations such as the Alumni Association and the AIMF could be invited to make some contribution.

At a time when other schools are taking impressive steps to win the interest of high school students, Montana Tech has no choice but to do the same. E Days seems to be the best nucleus we have for such a program.

Student body president expresses thanks

My personal thanks to "Concerned" for his or her truly representative cartoon which appeared in the last issue of the Amplifier. At last, the student paper is being used for its intended purpose-to serve as an uncensored voice of the students at Montana Tech.

I would like to take this opportunity to thank Dr. Koch, Dean Stoez, Prof. Kelly, the Student Council, and all others who stood up and fought for our school when SB 244 was introduced in the Senate. If this college continues to get this kind of support, it will continue to be as strong as this bill and this town. All of the legislators have been sent invitations to attend Engineering Days at Montana Tech and see what a creditable institution we have.

Hank Scholz
President, ASMT

Want status? Join a demonstration

Has the effectiveness of the demonstration as a method of attracting attention been lost through the too frequent use of it?

It seems that the "going thing" these days is the chanting, sign-carrying crowd of pickets parading in mass in a frequently public place. Today, to call attention to food price fights, the working man's union is accomplishing its goal with reasonable success. But is the demonstration a method that will continue to have the public's interest?

Today, demonstrations of all kinds and sizes are found in most of our major cities. They have become commonplace, and have lost their impact and their meaning. People have become interested in public prestige, not public support. The demonstration, as a method of social status, has not lost its meaning, and should be kept to take its place on the shelves of history alongside Carrie Nation's axe.

JULIE LYEYEN
Silver contest given at Montana Tech

During the months of February and March, Reed and Barton, America's oldest major silversmiths, are conducting a "Silver Opinion Competition" in which valuable scholarships totalling $2,050 are being offered to women at a few selected colleges and universities. Montana Tech has been selected to enter this Competition in which the First Grand Award is a $500 cash scholarship, Second Grand Award is a $300 scholarship; Third Grand Award is a $250 scholarship; Fourth, Fifth and Sixth Awards are $200 scholarships; and Seventh, Eighth, Ninth, and Tenth are $100 scholarships. Each winner will be selected from those entries coming closest to the unanimous selection of table-setting editors from three of the nation's leading magazines. Miss Noreen Alfredson is the Student Representative who is conducting the "Silver Opinion Competition." She will send out her kit, which includes twelve designs of sterling with eight designs of china and crystal. The winners will be selected from those entries coming closest to the unanimous selection of table-setting editors from three of the nation's leading magazines.

One if by land... It is 2:30 in the morning. Nothing is stirring but a few fraternities men, when a little old lady gets up to get a drink of water and looks out her kitchen window at Big Butte. She springs gamely to the phone and sounds the alarm - a light bulb has burned out on the M! Dealing with this type of emergency is Tech's Copper Guard, whose chief function most of the year is replacing burned out bulbs. Since this involves quite a climb, bulbs are not always replaced at the first little old lady's request. Eventually, however, new bulbs are put in, and Butte's citizens can sleep peacefully in their beds - for a while.

Other activities of the Copper Guards were described in the previous issue.

Ruthie Hays, sophomore in Petroleum, and Dave Koskimaki, senior in Metallurgy, are the subject of this week's spotlight.

Two Tech students discuss interests

Two two Tech students chosen for the spotlight in this issue are Ruthie Hays and Dave Koskimaki.

Ruthie, a sophomore, is taking engineering graphics, calculus, geology, history of civilization, and elementary probability and statistics. This semester she plans to graduate from Montana Tech with a degree in petroleum engineering. Ruthie is a member of the Associated Women Students and also of the college Young Democrats. She has been doing secretarial office work for Dr. Warren in the petroleum department. She enjoys swimming and tennis and especially likes swimming. She thinks Montana Tech is lots of fun and enjoys it very much.

Also active on campus is David Koskimaki. Dave is president of the senior class, vice president of the American Society for Metals and secretary of the Sport Parachute Club. He is a member of the Theta Chi Fraternity.

This semester Dave is taking solid state materials, introduction to philosophy, Shakespeare, great novels, and advanced engineering math. He is also doing research for his senior thesis.

After graduating from Montana Tech with a degree in metallurgical engineering, he plans to go to graduate school at Northwestern or at the University of Denver.

Dave's likes include skiing, hunting, and fishing.

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Diana Hughes

Ladies and Children Apparel 56-58 west Park

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Carroll magazine sponsors contest

In order to further a body of Montana literature, Cokah, the literary magazine of Carroll College, is sponsoring a literary contest for Montana high school and college students.

Short stories of 4,000 words and poems on any subject are eligible for entry. Each poem must not exceed 50 lines. Each entry must be accompanied by an official entry blank and $2.50 to cover cost of handling. These blanks may be obtained from Mrs. McBride, Main 116. The deadline for entries is March 31, 1967.

Prizes of $15 will be awarded in each division and in each category. The winning entries will be published in the spring issue of Colors. Winners will be notified no later than May 1, 1967.

Tech graduate now is chief engineer

Mr. Joe Keane, a 1962 graduate of Montana Tech with a degree in metallurgical engineering, has been promoted from researcher engineer to chief metallurgical engineer for the American Molybdenum Co. (AMC) in' Qutan, New Mexico.

Mr. Keane worked for two years in South America for the Chile Exploration Co. after graduating from Montana Tech. Then he returned to Montana Tech and received his M.S. in mineral processing. He has been employed by AMC one year.

In the early 1900's the banner headlines of the Butte paper told of the appearance of a ghost in Walkervillie.

"I'm trying to sell a beautiful old lady'souri..."
Tech defeats in two close contests

Northern vs. Tech
Havre’s Northern College made it two in a row as they defeated the Montana Tech Orediggers Saturday night, Feb. 11, in Butte, with a score of 77-61. Northern rolled to a 12-24 halftime margin and increased that in the second half by outscoring Tech 45-37.

Jim Kravik paced Havre scoring with twenty-two points while Landwehr was under six with sixteen points. Ed Nordquist led Tech with fifteen and Carlson tallied eleven points.

Meeting the Western Montana College Bulldogs Tuesday evening, the Orediggers were defeated 74-55 in a fast-moving game.

By halftime the Bulldogs had rolled up a score of 33 to Tech’s 21. Western’s accurate shooting was too much for the Tech defense. High scorer for the game, however, was the Orediggers’ Gary Carlson, with 37 points. McEweney turned in 7, followed by Nordquist with 6, and O’Brien with 5.

McEweney and Lota were Bulldog high scorers, with 20 and 19 points respectively.

Western scored an additional 31 points in the second half while Tech gained 30.

This was one of the closest games of the season for the embattled Tech team, who showed in the second half that they are no pushovers.

The final game of the season will be played tonight with the Bears of Rocky Mountain College.

Archaeology? Try Britain next summer
A new and exciting opportunity in England is now offered to college students wanting to spend next summer in Europe in an interesting way.

One may help to reveal the secrets of a Roman villa, an iron-age hill fort, or the structure of a medieval town or Anglo-Saxon cathedral before they disappear forever. Expanding housing programs, city center redevelopment, and new highway projects in Britain today have opened up many new possibilities for archaeological investigations.

Next summer, Oxford will offer a new type of course. The idea is to bring American students to study and work on British archaeological excavations.

The Oxford course is basically an introduction to the theory and practice of the subject. It divides into three weeks of lectures, visits, and practical demonstration of techniques, all based on Westminster College, Oxford, and three weeks in which students are allocated individually or in small groups to excavations all over the country.

The Facing page will give the necessary plan for the trip, and the Oxford office will provide all necessary details. The course is for students who have already completed one year of college work, and the course fee is $335. For further information, contact the Oxford office.

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CHS handballers Les Ocks and Don MacIntyre take time for a practice session. Intramural news will be carried in the next issue.

DOM TORIELLO (R.A.M.E.) of the Bethlehem Steel Loop Course knows where the action is. He’s on the move at the nation’s largest steel plant—near Sparrows Point Plant near Baltimore, Md.

Join the action. First step: pick up a copy of “Careers with Bethlehem Steel and the Loop Course” at your placement office. Then sign up for a campus interview. Our 1967 Loop Class has openings for technical and non-technical graduates (and post-grads) for careers in steel operations, research, sales, mining, accounting, and other activities.

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