2-27-1970

The Amplifier - v. 15, no. 6

Associated Students of the Montana College of Mineral Science and Technology

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E-DAYS
(E As In Excitement)

New Football Coach With Impressive Record Will Lead Tech's Fighting Force Next Season

Robert J. Riley, Jr., assistant football coach at Mesa College, Grand Junction, Colo., has been named head of the Physical Education Department and head football coach at Montana Tech, announced Dr. E. G. Koch, president of the college.

Riley will succeed head mentor Charley Armey, who has accepted a coaching position at the University of Montana.

As an assistant at Mesa College, Riley was responsible for the defensive secondary and coached pass receivers. The Mesa Junior College Mavericks were Intermountain Collegiate Athletic Conference champions this past season with a 6-2-2 record and were ranked sixth nationally in pass defense.

Before going to Mesa College, Riley was defensive secondary coach at Wichita State University in Kansas. Prior to that time he was head football coach and taught at Garden City Junior College, Garden City, Kansas. He played and lettered four years at Northern State College, Aberdeen, S.D., where he graduated with a B.S. degree in education in 1959. He received his master's degree in physical education from the University of Wyoming.

Muckers Will Muck For Prizes

Montana Tech students will be trading books for shovels in the annual E-Day Mucking Contest.

The object of the contest is to see who can load a one-ton mine car with gravel in the shortest amount of time. Last year's winner was Marty Salusso with a time of about two minutes. The world's record is one minute, 48 seconds. Prizes will be donated by various Butte merchants, for both student and non-student divisions of the contest.

Tech's Computer Processes Cards For Physics Students Across Nation

Scott Johnson, high school teacher from Ocean City, New Jersey, probably scratches his head in bewilderment each time he mails another bundle of computer cards to Montana Tech.

Although, according to John McCaslin, Tech's computer center director, there must be 100 computers within 90 miles of Ocean City High School, Johnson can find no one to correct his students' cards. So they all are being sent to Butte, Montana.

Johnson says, "There probably are literally thousands of computers around where I'm from, but they're all in refined use, so no one can find it feasible to accommodate us."

The whole situation began last summer when Johnson picked up a National Science Foundation bulletin and read about the Computer Conference to be held in August on the campus of Montana Tech.

(Cont. P. 6, Col. 1)
Financial Aid
For the Asking

Once again we are approaching that time of year when financial aid applications for the academic year 1969-70 are due. It is requested that anyone desiring to apply for the summer work study program and financial aid for the coming academic year apply before April 1, 1970. Remember, the earlier the application date, the better the chance of receiving financial aid, provided you qualify. Please call at the Financial Aid Office to pick up applications.

Tech Professors Travel South

Four Montana Tech Professors attended the annual meeting of the American Institute of Mining, Metallurgical and Petroleum Engineers, February 12-20, in Denver, Colorado.

Floyd C. Bossard, assistant professor of mining, presented a paper at the meeting. Also, he attended the hydrodynamical session at the meeting.

William J. Van Matre, head of the Department of Mining Engineering, and Donald W. McGlasshan, vice-president of the college, and head of the Department of Architectural Engineering, attended a symposium on bio-extractive mining.


Two more Montana Tech professors attended meetings this month. The meetings of the Board of Directors, the Executive Council and the Natural Resources Council of the Federation of Rocky Mountain States were held in Albuquerque, New Mexico from February 10-12.

Attending the meetings were Dr. S. L. Groff, chief of the Ground Water and Fuels Division, Montana Bureau of Mines and Geology, and Dr. Kenneth McLeod, dean of the college, and head of the Department of Chemistry.

Circle K Club Sweetheart, Vickie Christie, Crowned

Montana Tech's Circle K Club crowned its sweetheart Valentine's Day.

Vickie Christie received her crown from Toni Driscoll, last year's queen, during the annual semi-formal Circle K Valentine Day Dance. The dance was held February 14th, in the Student Union Building on campus.

Queen Vickie reigned over the evening's festivities and this spring will compete for honors as state sweetheart during the Circle K convention in Billings.

Vickie Christie is drill mistress for the Kopper Kadets and is a member of the speech team. She enjoys the outdoors as is evidenced by her membership in the Mountain engineering Club. Her major is speech communications.

Miss Sartl is drill mistress for the Kopper Kadets and is a member of the ski team. She is majoring in linguistics.

Dr. Herbert G. Warren, head of the Department of Petroleum Engineering, and one of his research assistants, Kendall Tholstrom, are studying the feasibility of producing synthetic gas by subsurface disposal of refuse. Here they are shown loading mulched garbage into one of their temperature and pressure regulated tanks.

What To Do With Leftovers When You've Run Out of Handi Wrap

A major concern of the 1970's is air pollution. It has been said that efforts of America's college and university students will be directed in a large part toward improving this situation.

Montana Tech already has become involved with studying pollution contamination. Dr. Herbert G. Warren, head, Department of Petroleum Engineering, is directing a study of the feasibility of producing synthetic gas by subsurface disposal of urban refuse. The project is being financed by a $57,455 grant from the U. S. Bureau of Mines.

Working with Dr. Warren on the project are Dr. William G. Halbert, assistant professor of petroleum engineering, and two graduate students in Petroleum engineering: Arun Joshi, Bombay, India, and Kendall Tholstrom, Anaconda.

According to Dr. Warren, their objective is to find out what evolves from the decomposition of garbage and in what volumes. All of the refuse being used in the tests is from a municipal garbage and is food leftovers only.

So far only one preliminary investigation has been run. These first tests involve five drum-like containers which are filled with garbage and in which controls are made on temperature and pressure.

The tanks are helping to tell whether or not mulched garbage can be buried beneath the ground. Will it create enough pressure to form gas, and if so at what level will this process successfully take place?

As the gas is formed in a tank, it is allowed to escape through a tube. A hypodermic needle sample of the gas then can be taken, which is in turn injected into a chromatograph to measure the composition of the gas.

Dr. Warren says the preliminary results are as follows:

1. Gases given off have raised the pressure in one of the containers up to 47 pounds.
2. Another sample showed that about three and one-half cubic feet of gas has been produced in one month from about one-half cubic foot of garbage.
3. Composition of the gas evolved is principally carbon dioxide with an unidentified trace of another gas.

Tholstrom explains, "We've just put the garbage in the tanks and haven't done a thing to it but let it take its own course."

Joshis says library research indicates the possibility of the production of hydrocarbons with the addition of micro-organisms in the absence of oxygen. Plans are being formulated to investigate this theory in line with the study.

After the entire project has been completed, a report of the results, along with suggestions for use of the gas or gases, will be sent to the U. S. Bureau of Mines. There a decision will be made as to whether or not suitable uses are available for the gas. This will be from the refuse or not to continue research.

Dr. Warren says, "We hope to reduce the pollution problem considerably with this project. We want to be able to make use of the waste from the kitchen rather than tossing it into a landfill dump, for instance, and causing more pollution."

Wages of sin vary with the sinner.

Mineral Resources Conservation
Petroleum Course To Be Offered

According to Dr. Kenneth McLeod, dean of academic affairs at the college, a course for Montana secondary and elementary school teachers entitled "Mineral Resources Conservation Petroleum" will be offered, sponsored jointly by Montana Tech and the Montana Department of Public Instruction. It will be held at the fourth annual field and workshop course from June 8-July 2 on the campus of Eastern Montana College in Billings.

A maximum of 40 students will be able to enroll. The four semester credits earned will be awarded by Montana Tech and will qualify the student for re

Contests (Cont. P. 8, Col. 2)

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$2,000 in Grants

Montana Tech has recently received grants from Shell Oil and Marathon Oil Companies totaling $2,000.00.

McLeod has provided Montana Tech with two grants. The first is a $500.00 grant for "general faculty development." It is administered by Dr. Kenneth McLeod, dean of academic affairs. The grant will be available to faculty members for research, travel in connection with their teaching, writing their field and publications.

The second $1,000.00 grant has gone to the Department of Petroleum Engineering and is being administered by Dr. Herbert Warren, head of the department.

It will be presented as a scholarship to a petroleum student later this year.

A $1,000 unrestricted grant from Marathon Oil Company has been awarded to the Department of Petroleum Engineering at Montana Tech.

Reception of the grant was announced by Dr. Herbert Warren.

The grant has been awarded this year in addition to the four $250.00 scholarships given annually by Shell Oil to petroleum engineering students attending the Tech.

Stolz Elected Council President

Newly elected president of the Montana Tech Council is Gayle Stolz, dean of students affairs at Montana Tech.

He is one of four representatives of the Montana Society for the Montana Tech Council and will serve as its president for a two-year term.

The council is an organization of engineering, architectural and land surveying societies in Montana, a council unique to Montana. One of its functions is to coordinate the work of the several related professional societies. It also may act as an advisory board to public agencies and offices where public health, safety and human relationships are involved with these professions. The council has been concerned with matters as legislation, statutes and codes, and making recommendations to the appropriate state and federal agencies. It also relates to public agencies and offices where public health, safety and human relationships are involved with these professions. The council has been concerned with matters as legislation, statutes and codes, and making recommendations to the appropriate state and federal agencies.

Other officers of the Montana Tech Council are: President Bob Leidig, Great Falls Society of Architects; Secretary Tommy Thomas, Great Falls Consulting Engineering Company; Treasurer George Herman, Bozeman Society of Civil Engineers; and Director Billings Architectural; Skoulas, Missoula, Society of Registered Land Surveyors.

This weekend a joint engineering meeting will be held in Helena, Stolz, along with pertaining to the Technical College's activities probably will be discussed.
Gear Editor Pays Visit to Theta Tau

The editor of Gear, Theta Tau engineering fraternity's national magazine, was in Butte recently.

Gary Hatch got to be visiting the Montana Tech chapter of the Theta Tau and collecting ideas for the publication.

According to Bob Westerman, vice regent of the fraternity, Hatch is attempting to encourage more involvement in the engineering aspects of our society.

Also this week Theta Tau elected its 1970-71 officers. They are: Regent Bruce Williams, junior; Secretary Regent Bob Westerman, senior; Treasurer Rick Dale, junior; and Vice Treasurer Jeff Russell, junior.

The Kopper Kadets' last appearance for this year was at the half time of the Montana Tech-Northern game Saturday night, February 21 at Tech. Besides performing at half times, the Kopper Kadets helped with the Chamber of Commerce dinner at the Finlen Hotel and they will be hostesses for Montana Tech's B-Days February 28 and March 1.

Members of the drill team are: Jackie Geach, Judy David, Jo Ann Quinn, Nancy Noyd, Linda Wilson, Judy Robertson, Sharon Hills, Donnie Nicholls, Virgie Smith, Marilyn Emerson, Nancy Leskovar, Claudia Nelson, and Dianne Sarli.

The Kopper Kadets would like to thank the student body for the support they have given them during their performances.

Peak Named For Mite Researcher

An Antarctic mountain has been named after Dr. Elmer E. Gless, head, Department of Biological Science, Montana Tech. Gless Peak is about 9,000 feet high and stands in the area of Antarctica known as North Victoria Land. The mountain is within 200 miles of Halley Station on the Ross Sea where Dr. Gless spent three Antarctic summers researching soil dwelling mites and insects.

Gless explained that the U. S. Board of Geographical Names under the U. S. Army Topographic Command goes through a roster of persons who have spent one or more research seasons on the continent of Antarctica and as the area is mapped puts their names to mountains, glaciers, islands, bays, ice shelves and so on.

Gless is not the first member of his family to have an unusual name. While in the Antarctic, he discovered a new species of mite, which he named after his wife. It is the Proteomenes pauliniae.

KOPPER KADETS CAPTURE AUDIENCE WITH HALF-TIME PERFORMANCES

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The Montana Tech Kopper Kadets have been busy preparing for the Montana District Convention in Billings April 10, 11 and 12. The facilities of the Holiday Inn have been reserved for the three-day affair and the Tech Club has been assisting the Billings Clubs in several different areas.

Plans for Johnny Cash fell through, but big name entertainment is still promised. The convention committee is attempting to book either the Lettermen or Eddy Arnold.

As in the past three years, the Tech Circle K Club will sponsor its Sweetheart in the Miss Montana Circle K pageant. Vickie Christie will represent Tech.

The three-day confab will also have a full schedule of events. State-wide and national problems will be discussed with hopes to better Circle K. Planned cost of the entire convention is to be under twenty dollars.

AIME Engineering Achievement Award Goes To Anaconda's Vincent D. Perry

The American Institute of Mining, Metallurgical, and Petroleum Engineers (AIME) presented its 1970 Engineering Award to Vincent Denis Perry, Director and Vice President, Geology, of the Anaconda Company, at the Institute's Annual Meeting, February 15-19, 1970 in Denver, Colorado. The award was made at the Annual Banquet on February 18, 1970 at the Denver Hilton Hotel.

Mr. Perry's Engineering Achievement reads: "In recognition of his profound interest in furthering geological understanding of mineral deposits and his significant contributions to the discovery of numerous important mineral deposits in several areas of the world.

Mr. Perry's career with the Anaconda Company spans more than 45 years, during which time he has been responsible for the development of many important mining and geological techniques. Under his leadership, Anaconda has projected its capability to produce copper at the rate of one million tons per year in the early 1970's, a 50% increase over five years.

Mr. Perry holds a B.S. in mining engineering from the University of California at Berkeley, an M.S. in mining geology from Columbia University and a doctor of science in geological engineering from Montana Tech.

You Suggest It He'll Discuss It

A new course, Physics 421-Selected Topics, is being offered by Dr. Michael Doman of the Physics Department. The three credit class is held every Monday and Wednesday from 5 o'clock until 6:15.

Although it is listed as a physics course, it is primarily intended for the general student. The course is concerned with the application of science to our world and such problems as the effect of pollution on the human body will be discussed. Emphasis will be upon the understanding of principles and not the manipulation of mathematical symbols.

A girl so modest she pulls down the shade when she changes her mind.

Happy Birthday Robbie

Squad Speaks Up And Is Heard

Vickie Christie and Ed Shee won four out of five debates, placing them in the semi-finals of the Rocky Mountain College all-service invitational speech meet. The meet was held over the Valentine weekend. Vickie and Ed, both of Butte, argued the debate issue, "Resolved that: Federal Government should Grant Annually a Percentage of the Income Tax Revenue to the State Government." Miss Christie also tied for third place with Wayne O'Brien in the expository speaking division.

Another debate team consisting of John Grace and Wayne O'Brien, both of Butte, won two out of five debates.

Earlier this month, Ed Shee, the only entry from Tech, competed in the finals of the men's oratory division at the State Intercollegiate Speech Meet.

Director and faculty advisor for Montana Tech's speech team is Mrs. Lucile Alt.
Fable for the Industry?

This “Fable for Modern Times” is the pleasure of some circles, the bane of others. It comes from several sources, but the author is unknown. But pleasure or pain, you decide.

Once upon a time, there was a little red hen who scratched about and uncovered some grains of wheat. She called her barnyard neighbors and said, “If we work together and plant this wheat, we will have some bread to eat. Who will help me?”

“Not I,” said the cow.

“Not I,” said the duck, as did the goose.

“Then I will plant it,” the little red hen said—and she did. Much later, when the wheat started to grow, the little red hen again was denied help. At length, the wheat was ready for harvesting.

“Who will help me reap the wheat?” the little red hen asked.

“Not I,” said the cow. Same thing from the duck and goose.

“Then I will reap it,” the little red hen said. So the little red hen harvested the wheat herself. Then she ground the wheat into flour. Now, at last, she asked for help with the baking.

“That’s overtime for me,” said the cow.

“I’m a dropout and never learned how,” said the duck.

“I’ll lose my welfare benefits,” said the pig.

“You only lose help, that would be discrimination,” said the goose. “No thanks.”

So the little red hen baked the bread and showed her neighbors the five loaves.

“Let me have some,” said the cow, as did the duck.

“I want my share,” said the goose.

“No soup,” said the little red hen. “I’ll just take it easy for a while and enjoy my bread.”

“Excess profits!” cried the cow.

“Capitalistic leech!” cried the duck.

“Compulsory stint,” shouted the goose.

The roads of America were once only dirt tracks where our grandmothers used to walk behind old Dobbin for a long, lazy country walk. Now, every Sunday afternoon. Today’s turnpikes can no longer be utilized for pleasure and relaxation; they could be described as “pathways to instant death.” No longer do travelers sit quietly dawdling in the slow, leisurely pace merely enjoying the scenery and their companions. We must speed, speed, SPED, so that the car behind doesn’t pass us.

The drivers of today are a race unto themselves. Each of us holds certain driving traits: courage (perhaps only stupidity), knowledge of all traffic regulations; and, of course, absolutely no manners at all. This race of drivers can be divided into two distinct classes. The first and most important division is that thing which has come to be known as “Woman Drivers.” We, who have earned the name “Woman Driver” on the basis of steel and brains of steel. We fearlessly dart in and out of the traffic lanes with the same precision as a mad woman. If we have a secret weapon which never fails to bring a man to his knees— ...
Worth Reading (Even If You ‘Already Know Everything’) Department

THE ILLUSION OF VIETNAMIZATION

Statement by Senator George McGovern (D. D. D.)

February 4, 1970

The resolution that I have submitted, with the co-sponsorship of Senators Church, Cranston, Goldell, Hughes, McCarthy, Moss, Nelson, Ribicoff, and Young of Ohio, calls for the withdrawal from Vietnam of all U. S. forces—the peace to be limited only by these three considerations: the safety of our troops, the mutual release of prisoners of war, and arrangements for asylum in friendly countries for those who desire it. I believe that we have a right to end the war.

This process of orderly withdrawal could be made good. I believe, in less than a year's time. (I have recently been advised by the Department of Defense that the 440,000 men we now have in Vietnam could be transported to the United States at a total cost of $144,519,621).

Such a policy of purposeful disengagement is the only appropriate response to the blunt truth that there will be no resolution of the war so long as we cling to the Thieu-Ky regime. That government has no dependable political base other than the American military presence, and it will never be accepted either by its challengers in South Vietnam or in Hanoi. We can continue to pour our blood and substance into a never-ending effort to support the Saigon hierarchy, we can have peace, but we cannot have a Saigon that we can call our own.

Our continued military embrace of the Saigon regime is the major barrier both to peace in Southeast Asia and to the healing of our own society. It assures that the South Vietnamese generals will take no action to establish a truly representative government which can either compete with the NLF or negotiate a settlement of the war. It deadlocks the Paris negotiations and prevents the scheduling of serious discussions on the release and exchange of prisoners of war. It diverts our forces from critical domestic needs. It sends young Americans to be maimed or killed in a war that is detached from the wishes of a corrupt military regime.

I have long believed that there can be no settlement of the Vietnam struggle until some kind of provisional coalition government assumes control. But this is precisely what General Thieu will never consider. After the Midway Conference last June, he said: "There will be no coalition government, no peace cabinet, no transitional government, not even a representation of the Vietnamese people." Yet there is little hope that the American military presence, the American people, or the Vietnamese people will ever be able to create a Fourth Branch of government in Saigon. The Thieu-Ky regime is no closer to American ideals than its predecessor and serves neither interest.

Instead of Vietnamizing the war, let us consider Vietnamization of the government in South Vietnam. We can do that by removing the Saigon regime, that is, by preventing other political groups from assuming a leadership role in Saigon that are capable of expressing the desire for freedom and self-determination. Actually, the Saigon regime is an oppressive dictatorship which jealous preserve their power of a broadly based government.

The Thieu-Ky regime is no closer to American ideals than its predecessor and serves neither interest. It is a political hoax designed to screen from the American people the bankruptcy of a needless military involvement in the affairs of the Vietnamese people. Instead of Vietnamizing the war, let us consider Vietnamization of the government in South Vietnam. We can do that by removing the Saigon regime, which is capable of expressing the desire for freedom and self-determination. Actually, the Saigon regime is an oppressive dictatorship which jealous preserve their power of a broadly based government.

I strongly support the thrust of the pending resolutions which call for our early disengagement from Vietnam. Perhaps the most ironic aspect of the entire matter is this: our leaders seem more sensitive to the wishes of a corrupt military junta in Saigon than to the concerns of this Committee and of those Americans who have been trying for years to call our attention away from the blunders of Vietnam. My major concern about the present Administration is that by the skillful use of television and the politics of manipulation, it has isolated and intimidated American critics of the war while listening American interests with a regime in Saigon that is despised by its own people.

Some of us who have opposed our Vietnam involvement under the previous administration, as we have under the present administration, have to say that the present administration has temporarily carried American public opinion with them. Our task as dissenters is more than ever critical. The day will surely come when the American people will realize that they have been misled by the skillful manipulation of the administration.

I have recently experienced one minor aspect of the strategy of manipulation and intimidation. The Pentagon has dispatched one of its officers, Colonel Power, to attack me and other Senators including Senators Mansfield and Fulbright. For criticizing the Vietnam policy. After a visit with the Pentagon and elsewhere, the House, the Major undertook a series of radio and television programs in which he has questioned my loyalty to the American people. News accounts now indicate that he has gone back to Vietnam to gather material for a book in which he intends to extend his attacks on Senate critics of the Vietnam policy.

In conclusion, I quote from Henry Kissinger: "If we follow our present policy in Vietnam, there will still be an American army of 250 or 300 thousand men in South East Asia fifteen or twenty years from now and the American people will be fighting the firestorm of their own reaction."

While I oppose the policy of total withdrawal, I approve the policy of disengagement. I believe that we should not only withdraw our military forces but also cut off our military and economic aid to South Vietnam for the next ten years. The United States has no interest in a weak puppet regime in Hanoi, nor the interest of the Vietnamese people, nor the interest of American democracy, nor the interest of American foreign policy, that is the prerequisite. But I suggest that the Major's imprudence and brutality will not destroy the patriotism of those who have a different view of America.
COMPUTER
(Cont. from Page 1)

The conference, sponsored by N.S.F. under a $7,495 grant and directed by McCaslin, was for high school teachers from Montana, Northern Idaho and Wyoming. Johnson, who is supervisor of the science and math departments and teaches a course in physics, was interested since, as he explains, several new physics courses have computer programming in them and many of his seniors who go on to college in physics have an opportunity to use computers in their studies. His local school district agreed the course would be beneficial, so he paid his way.

Most of the schools whose teachers participate have no computers of their own, so Tech's Computer Center volunteers to process their cards throughout the year free of charge.

About once a week Johnson sends the punched cards off to Montana Tech where they are processed and returned to Ocean City High School for correction. Offhand, Johnson does not know the exact number of cards he has processed and returned to Ocean City High School for correction to date.

Johnson goes on to say that he did not have a plan about programming a computer before he came to the conference. Now, besides teaching programming in his physics class, Johnson has a special class just for programming, which he teaches after his regular class day. "We wouldn't have been able to do a thing if it hadn't been for that conference," Johnson emphasizes. "So far it has been a great benefit to my students and to me."

This was the second N.S.F. sponsored computer conference held at Tech. The 1968 section, McCaslin says, resulted in about 700-800 high school programs being run. Tech is currently running programs for these teachers who attended the 1969 section.

Equipment in the center includes a Model H, IBM 1620 computer which can store 60,000 digits, two disk drives each with 2 million storage, an IBM 407 printer, three key punches, a sorter and a verifier.

THE AMPLIFIER
February 27, 1970

Recommendations For Crowd Control

In regard to student sportsmanship at varsity games, a set of rules have been drawn up. Someone might ask, "Why do we need such rules? I'll tell you. In our last varsity game against Western Montana, in our own gym, there were several instances of poor sportsmanship: sportsmanship not worthy of Montana Tech students.

George Polich

1. By conference action it was determined that any basketball player ejected from the basketball game for fighting would be suspended from participating in the next two conference basketball games. If such game happens to be the last one of the season, then the punishment would not carry over to the following year except that if this occurred again, then the punishment would be doubled.

2. Any non-participating student should be prosecuted by the student's school to the fullest extent of their power. If the person is not a student at either institution participating, he shall be banned from games and prosecuted through civil courts.

3. Yells of an inflammatory nature, that is with respect to your opponent's capabilities are banned.

4. The official working a ball game must file a report following any altercation. It is suggested that non-involved schools be appointed to investigate and recommend conference action.

5. Any signs of a negative nature shall be banned.

6. The rules for bench and floor conduct shall be strictly enforced.

7. There shall be adequate police protection.

8. Before a particularly tense game the student governing body should attempt to avoid problems and communicate with their counterparts at the other institution.

9. Special days, such as "NO WESTERN DAYS," shall not be held on league game days.

10. The home school shall do all in its power to prevent anyone entering who is in an intoxicated state.

11. Officials shall be protected when leaving the court by either the local police or some athletes.

12. It is recommended that the schools have some highly respected group, such as the lettermen, seated in the front row of the stands to attempt to restrain the crowd in case it got out of control.

13. Any school which plans to bring any student delegation with them to another school shall notify the home school at least one week in advance if they wish any kind of special seating arrangements which are available.

14. If competitive cheering begins the officials shall be instructed to stop the game and go to the PA and announce that it ceases. It is recommended that the band directors or the participating bands be advised to start playing the "Star Spangled Banner" or other appropriate songs if an altercation begins.

15. There shall be no accompanying of cheers by bass drums. If such occurs the bass drum and the drummer shall be removed from the premises. This does not mean that they cannot participate in the band, simply not accompany cheers.

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Tech Climbing Club on the Way Up

Recent election of officers has kicked off another semester of activities for the Tech Climbing Club. Leading the way for this active group is Bob Chehol, president; Steve Crichto, vice-president; Steve Brown, secretary-treasurer; and Pat Whelan, the appointed safety officer. The club, now numbering more than forty, has already been on several trips this year and are scheduled to make numerous other technical climbs and back-pack expeditions in the near future. The most recent significant climb took place in December during the Christmas break. John and Pat Whelan, Steve Crichto and Paul Rust made a seven-day winter assault on Granite Peak, the highest mountain in the State of Montana. Although the men were forced to turn back because of blizzard winds and unbearable sub-zero temperatures, they considered it a success in the respect that much general and technical climbing experience has been gained. Slides of this assault and of Dr. Antoniolli's stay on Mt. Everest, along with assorted other climbs, will be shown from time to time by the Climbing Club.

A more recent improvement in the club concerns the formation of a rescue team which stemmed from the loss of two Butte students and three Bozeman students during a climbing expedition. The rescue team will be financed by Ray Martin, Clare Pogrebba Memorial Fund and will exist for the purpose of rescue operations in the event other climbers need help. Donations in the amount of $1000 have already been received, including a special sum designated for the institution of a mountaineering section in the school library. At present the anticipated goal for the memorial fund is $1500.

First Conference Win in Ten Years As Tech Downs Carroll

Montana Tech's first conference basketball victory in 10 years finally came February 10 when the Orediggers downed Carroll College 87-76. The game was won in the second half as Tech missed only four shots to average 87.5 percent from the field.

Trailing 42-39 at the half, Coach Lester's crew started their torrid pace behind the shooting of Nick McEnaney and Clint Rouse who totaled 23 points apiece. With four minutes gone in the second half, the Orediggers took the lead for good with a 49-48 advantage. Jim Styler and Larry Harkins combined for 30 points scoring 19 and 11, respectively. Rounding out Tech's scoring were Don Klaudt with 7 and Warren Bickford with 4.

Tech Fails To Skin Bears By A Hair

by Neil J. Bolton

February's Friday the 13th proved to be a nemesis to Montana Tech's basketball team as they were defeated at the hands of the Rocky Mountain College Bears by a score of 76-74. The Orediggers ever improving cagers proved again as in their past few outings, that they are an up and coming ball club and one to be reckoned with in seasons to come.

Tech controlled the ball the entire first half and went in at intermission with a 35-25 lead. However, the Bears came back strong, and taking advantage of superior height, sank five consecutive field goals to put Rocky back in contention.

With 1:34 left in the game and the score Rocky 74 - Tech 70, Tech's five-house five sparked by forward Clint Rouse, staged a brilliant come from behind drive and knotted the score at 74-74. Then with four seconds remaining and Tech pressing, Rocky's Rodney Young unleashed a 30-foot shot that splintered the net with the deciding two points.

Game scoring honors went to Tech's Clint Rouse who netted 17 points while also hauling down 11 rebounds. The rest of the scoring went as follows; Harkins 6, Styler 3, Gall 4, Ford 2, and Klaudt 6. Klaudt's 17 points topping the meet.

Northern Lights Are Blinding

Friday, February 7, Montana Tech's Orediggers were overruled by Northern Montana College 88-61 for their sixth straight conference loss. With a 12-point halftime lead, the Lights played aggressive ball the second half to take the victory.

The game displayed an unusual event in that every player on both teams got into the scoring column. Clint Rouse's 17 points took scoring honors for the Tech squad. Nick McEnaney added 12 points while also hauling down 11 rebounds. The rest of the scoring went as follows: Harkins 6, Klaudt 6, Styler 3, Gall 4, Howdeshall 2, Sheridan 3, Bickford 2, and Nelson 6.
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COURSE

(Cont. from Page 2) new and reinstatement of class I and class II teaching certificates.

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According to Gustav Stolz, Jr., dean of students at Montana Tech, teachers interested in petroleum would do well to give this course serious consideration. Registration and college fees will be paid by the Montana Petroleum Association, which also will provide transportation for the scheduled field trip.

Application forms may be obtained by writing Dean Stolz, Montana Tech, Butte. Completed application forms must be received by March 15. Participants will be notified of their selection before April 15.

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Reading Material for Blind Listed in New Publication

Now it is possible to obtain information about reading materials for visually handicapped people from one source. The information is available in the American Foundation for the Blind's new publication, "Sources of Reading Materials for the Visually Handicapped." It consists of 22 separate sections, each on a specific aspect of blind readers' needs. Some of the subjects covered are Braille publishers, sources of Braille and In large type periodicals.

The publication may be obtained from American Foundation for the Blind, 15 West 16th Street, New York, N. Y. 10011.