Area high school seniors enjoy Circle K College Days at Tech

About 250 area high school seniors attended College Days at Montana Tech on April 5 and April 7. Butte High students looked over Montana Tech and its facilities the first day of the program, while students from Butte Central, Anacon-da Central, Anaconda Public, Deer Lodge, Philipsburg, Whitehall, and Boulder came up two days later.

The high school students were shown around Montana Tech by members of Circle K, the organization that sponsors the annual event. Under the direction of Dave Knee, chairman of the event, the various phases of the sessions were coordinated. Boyd Williams was in charge of the program, Tim Bass, class schedules, Joe Wallace, the dance, and Mike Chapman, refreshments.

The sessions began with a convocation at 8:30 in the morning, during which speeches were given by Professor Kiebler Stott, Mrs. Lu-cille Alt, ASMT president Hank Scholz, and AWS president Cheri Thornton. The students were then directed to classes they were interested in attending to experience a portion of college life. Three classes were attended by each student during the day, the last being during sixth period. At 2:00 P.M. the students gathered in the SUB Lounge to begin tours of the campus.

The engineering facilities of Montana Tech were illustrated by exhibits in the Physics-Petroleum Building and by the Computer Center. Slides were then shown of planned additions to the Tech campus to handle increased enrollments.

Computer Dance

Concluding the College Days session was a "computer dance" for which couples were paired to dance by likes and interests by Montana Tech's computer. About 200 high school seniors attended the dance to music by The Hounds of the Baskervilles. During the dance, the chairman of the event, Joan R. Robins, a freshman general student, was crowned the 1967 Circle K Sweetheart.

Bob Wilson explains the usefulness of Tech's computer as Paul Malvins and girls from area high schools dance as part of the College Days program. (Photo by Joe Wallace.)

The AMPLIFIER

Montana College of Mineral Science and Technology

Vol. XII, No. 9

BUTTE, MONTANA

Friday, April 21, 1967

Conservation group is meeting in Butte

"The Mineral Industry and Conservation" will be the theme of the 1967 annual meeting of the Montana Council today and tomorrow at the Hotel Flaherty.

Montana Tech students are welcome to attend any sessions except the banquet. A registration charge is required.

The program features 14 prominent speakers and a panel discussion session, according to Robert F. Cooney, president of the Council.

Dr. S. L. Groff was in charge of the program.

The purpose of the council is to promote wise use of Montana's water, mineral, timber, wildlife, and recreational resources for the maximum benefit of this and future generations.

Featured today will be the keynote address at 10:00, "Montana's Mineral Industry and Conservation," by Martin K. Hannafian, Manager of the Montana operations of the Anaconda Company.

Other talks will include the following:


In the evening banquet session, Dr. Edgar G. Koch will be the toastsmaster, and G. Don Sullivan, Director, Mineral Land Conservation, Washington, D. C., will be the speaker.

Tomorrow's sessions will include the following:


Board of Regents denies Tech's request for new degrees

Montana Tech's request for authority to grant bachelor of science degrees in chemistry, physics, geology, mathematics, geophysics, and aeronautical engineering has been denied by the Board of Regents. The denial as based on the recommendation of the Board's curriculum committee, headed by chairman Maurice E. Richard of Miles City. Richard stated that the committee fears the requested degrees can't be added to a school that isn't soundly accredited.

The curriculum committee made the following demands of Montana Tech:

1. The humanities and social sciences should be expanded to a point where the school should be strengthened.
2. Additional courses in the humanities should be added to be provided to give general education for the increasing number of students in the Butte area.
3. New requirements, if not already in effect, should be instituted which will assure that all engineering students will receive genuine courses in the humanities.
4. A report by the committee and approved by the Board of Regents stated that the primary objective of Montana Tech shall remain that of providing instruction and education in the fields of the minerals industries. The report also stated that a secondary objective shall be to provide instruction in general college requirements to accommodating students who desire to live at home while completing one or two years of general college requirements.

BULLETIN: Dr. Kenneth McLeod, academic dean, told a student assembly on Wednesday that Tech's accreditation is sound and that the improvements requested in the 3-year-old report have been made.

Tech students voice opinions on Regents' refusal of new degrees

Following the announcement that the Board of Regents had refused Montana Tech's request for new degrees, Tech students voiced many opinions on the decision. Some of these opinions are listed below as a sample of the thought on campus. It is interesting to note that no one felt that the Regents had made the right decision.

Pat Hayes: "I think it is bad. They have to expand the program to get more general and better students and better accreditation.

Judy St. Onge: "I think they were wrong in rejecting them because the degrees are necessary to the school's continued success."

Mary Kingston: "I think they were wrong because Montana Tech would be greatly strengthened by having them. They argue that the humanities department is small is foolish, for the size of the school and the type of school Tech is, that department is already very large."

Gary Hunt: "I believe the degrees would have helped the enrollment and in turn improved the accreditation. The decision was unfair and a mistake. I believe the students and faculty should declare Open Season on Regents."

Dr. Warren receives research funds

Dr. Herbert Warren has been awarded a research grant by the National Science Foundation in the amount of $8,100 direct costs plus indirect costs which will be negotiated. He will investigate the phenomena of interfacial tension in the water drop as it changes liquid to assume a shape in a gas in order to have the minimum exposed surface area. This is readily observed if a drop of water is placed on a piece of wax paper since the water drop becomes nearly spherical in shape. Raindrops are nearly round due to these forces. These forces are very important in oil production and industrial processes of all kinds. Pressure and temperature have a strong effect on interfacial tension forces. Additives to liquids, such as soap to water, reduce or increase these forces. Soapy water, for instance, decreases these forces and helps to clean surfaces of dirt and grases.

The objective of the proposed research is to develop an empirical equation to calculate interfacial tension values of two phase systems from only a knowledge of density difference which will be useful to many phases of science.

Highlighting the recent Circle K college days was the crowning of the 1967 Circle K Sweetheart, Joan R. Robins, a freshman general student, by Joe Wallace.

Susanne Johnson, the 1966 sweetheart, gave the crown to Joan at the computer dance, and Tim Bass presented the queen with a bouquet of roses. Joe Wallace escorted Miss Johnson, and Boyd Williams, Circle K president escorted Miss Robins.

Tech's computer played matchmaker for a large crowd of Tech students, as well as a large representation from the area high schools participating in the dance as part of the College Days program.

Robert Leonard, research assistant, explained the usefulness of Montana Tech's computer as Paul Malvins of the Butte High Seniors and George Reynolds from area high schools danced as part of the College Days program.
ASMT president speaks against censorship in the Amplifier

What happened to the voice of the students? Where is the so-called freedom of speech that we, even as students, are supposed to have? Who is this mighty Fuhrer who is restricting us, and why is he so afraid of the ideas and feelings of the students of this institution?

What is the Amplifier if it is not the voice of the students? Surely we are all capable of reading how President Johnson plans to change the draft and other such items which are of little interest to the student body and faculty of Montana Tech. It would appear to me that the purpose of a student newspaper is to allow us unprivileged students to voice our opinions in a constructive and gentlemanly— or lady-like— manner.

Several students have questioned me on this matter and others have stated that they have been unable to submit an article to the Amplifier and have it printed. Why these articles have been excluded is not known and the person, or persons, who is/are responsible for this action has nothing to say about the matter.

In a recent conversation with the editor of the Amplifier, he told me he was being pressured from the administration to restrict any articles or opinions to the school, the administration, or the faculty. To say nothing at all would be more harmful to our school than constructively criticize the different elements. No wonder a bill was introduced to move Tech to Bozeman. The old saying goes, “A rolling stone gathers no moss”; surprising what a good crop of moss can grow on a moving log.

How are people going to know what goes on atop our little knoll if we continue to close ourselves off to the rest of the country? How will we learn about Tech that someone is so afraid of the consequences if news gets out that a baffle need be placed over these defenseless students?

HENRY SCHOLZ, President, ASMT

Amplifier editor denies censorship

After talking recently with ASMT President Henry Scholz, I realize that some students are not aware of what censorship means and that many should know exactly what my editorials mean. It is important to understand that the student newspaper is not subject to the school administration. For example, the editor refuses to publish anything he finds objectionable. Notice is given to the writer that his article is not going to be printed. He may then write another article. As long as a student's article is not libelous, or based on fact and be accurately heard, “the voice of the students,” it is the Amplifier's policy to print it. My editorials are often criticized because of my views or not, as long as it is based on fact and be accurately heard. Although I will keep them, I will print any student opinion, but have received some letters that have been refused because they did not meet the requirements stated above or because the contribution was not an opinion at all and had no purpose for being a newspaper. Apparently, they feel I unjustly “censored” their contributions.

I have always had to solicit many of the opinions that are printed in the Amplifier because of different interests, some news will be important or interesting to some students while others will regard it as trivia. Instead of trying to please only one group, I am attempting to present a responsible balance.

In my editorials, I am often criticized as same or “controlled.” No words are put in my mouth. They are my own. I usually write from a constructive or favorable standpoint because I feel the student newspaper is not an impartial being torn down in writing. However, I will print any student opinion, as I feel that it is the responsibility of the student to inform himself, to make up his mind, and take his own action. If he is not satisfied with what I have written, he may write an article stating his view, or he may write a letter to the editor. If the letter is well written and expresses the writer's views clearly, it will be published. If the letter is not well written or if it contains grossly false statements, it will not be published.

In my opinion, the student newspaper is a valuable tool in the hands of the student editor. He should be allowed complete control of the newspaper, but he should be responsible for what is published. If he is not, the newspaper will become a tool for the administration to control the student body.

Most students have not been satisfied with what I have written, and they have written letters to the editor. I have published some of these letters, and I have published some of the articles that have been submitted. I have also rejected some articles, but I have given the writer a chance to resubmit them.

I am attempting to present a responsible balance in my editorials, but I am also attempting to present a constructive and gentlemanly— or lady-like— manner. How can I be expected to present a responsible balance if I am not satisfied with what I have written?

In conclusion, I believe that the student newspaper is a valuable tool in the hands of the student editor. He should be allowed complete control of the newspaper, but he should be responsible for what is published. If he is not, the newspaper will become a tool for the administration to control the student body.

Steve Bauer
Amplifier editor

Petroleum engineering offers promise of new challenges and rapid advancement

The cartoon above indicates the pressing need of oil companies for university-trained petroleum engineers. This trend can be appreciated by the fact that fifteen petroleum companies interviewed at Montana Tech trying to employ our only two graduating seniors. The competition was keen for summer employment for our two seniors graduating in January, 1968, and the eleven junior students.

The demand for engineers in all disciplines has increased rapidly in the 1960's, but in no discipline was the demand seen to be as great as that of the petroleum discipline. Starting salary has increased approximately $40.00 each year, and the average monthly salary for the 1966 graduates was over $700 and for the 1967 graduates it will be in excess of $715. Once a petroleum engineer has taken employment, his opportunity seems unlimited for advancement. Some of the most spectacular advancements from this department may be illustrated by William Kahla, Vice-President of Oasis Oil Company, class of 1949; Robert W. Hoy, General Manager of the Western Division of the Texas Corp., class of 1960; Tom E. Rosenberger, Owner of Northern Petro- leum Engineering Co., class of 1958; and Aurelio Madrazo, Technical Advisor to the Vice-President of Continental Oil Co., class of 1958. This clearly demonstrates the fast track that a petroleum engineer into management capacities. It is not at all unusual for a petroleum engineer to have as much management responsibilities as engineering responsibilities within ten years of graduation. Few petroleum engineers are still in a technical position when they have been out of college twelve years.

The petroleum engineering curricula are based on the math, physics, chemistry, and geology sciences. Particular emphasis is placed upon the flow of fluids within porous rock and the lifting of this from hundreds of feet underground to surface storage tanks. The oil is then sold to refiners and is processed into gasoline, oil, lubricants, and the many products of the petro-chemical industry with special emphasis on plastics of all kinds. Of course cosmetics, such as lipstick, facial powder, etc., are also manufactured from oil.

Mr. Kelvins of Texaco presents Dr. Koch with a check for $2,000 in recognition of graduates of the petroleum department now employed by Texaco.

The principal areas of specialization in petroleum engineering may be broken down into research, petroleum production, and reservoir engineering. Although management is not a specialization of petroleum engineering, nearly all petroleum engineers will soon become managers. Most engineers with a BS degree will be employed initially as petroleum production or reservoir engineers. The beginning petroleum engineer will primarily be employed in an outside job during the 3 to 5 years of his employment. He will be moved from place to place in the oil wells and producing the petroleum in a manner to make the most profit. He will be concerned with the field aspects of secondary recovery operations which involve water, gas, and atomic fluids, and atomic explosion recovery methods. The research engineer will be primarily concerned with designing the particular productive mechanism that will yield the most profit. Although the reservoir engineer does not always oversee the actual basis practices, he must be familiar with these practices from prior experience in order to design the most efficient and profitable method of oil recovery.

Usually the research engineer must have an advanced degree, either his Masters or Ph.D. Although an advanced degree holder does not have to go into research, he may have used his for special research projects, even if he is supposed to be employed initially as a reservoir or production engineer. Graduates from Montana Tech have obtained advanced degrees from Stanford University, Pennsylvania State University, and the Missouri School of Mines. Graduates have also returned to Montana Tech to obtain advanced degrees.

The staff and facilities at Montana Tech rank among the best in the nation, and the quality of the graduating students is outstanding. At present, the department staff consists of Mr. Gustav Stolz, Sr., Head, Dr. Herbert Warren, and Mr. George Hetherington. Mr. Robert H. Davison is a temporary resident at the present time, is studying the feasibility of drilling an oil well type of experiment in the mine shafts of the Anaconda Company. This study is supported by the U.S. Bureau of Mines. The department plans to have three graduate students during the next academic year.

Petroleum companies and other industry organizations have given this department tremendous support and aid in undergraduate and graduate education, and they may be broken down into three broad areas. The department will receive $12,000 for research and transportation, and graduate fellowships during the current year of 1967. A total of $1,900 has been received by the university from the petroleum industry so far this year. This department has been awarded two research grants totaling $15,475 from the National Science Foundation and the State Technical Service.
Two more students caught in spotlight

Debbie Sheehan, a 5'5" brown-eyed, brown haired freshman is pic-

ure in this issue of the Amplifier. Debbie is a graduate of Girls Cen-
tral and is taking a General Course at Montana Tech. She plans to at-

tend the University of Montana at Missoula where she will major in psychology.

Debbie thinks that Montana Tech is great, but she especially likes the social life, where there is a lot of it. However, she thinks the campus is too small and they should expand Montana Tech to include more lib-

raries, arts, and also build a girl's dorm.

Debbie likes everything, but especially application, which must be com-
tined mid-shipmen from the Naval Academy at Annapolis. Her dislikes include studying, homework, and boring classes. Debbie enjoys all sports, but swimming, tennis, and volleyball rank highest on her list. Right now Debbie is employed by the Montana Bureau of Mines and Geology.

Senior Ken Tholstrom will be graduating this year with a degree in Petroleum Engineering. He has been a Billings Society of Petroleum Engineers Scholarship Recipient.

Ken has held several school off-
cices, including president of the junior class, secretary of the "M" Club, Secretary of the student sec-
tion of A.I.M.E. He is an officer in the Copper Guards and a mem-
er of the dorm council.

He was named in Who's Who among Students in American Colleges and Universities.

His big interest is football, and he was voted most valuable lineman in 1966.

Ken graduated from Anaconda Senior High School in 1963. He spent two summers working as a roustabout in North Dakota and one summer as an engineering assistant in the pipeline construction. Ken plans to work for the Mobil Oil Corporation in Bakersfield, California, next sum-

mer.

Currently he is enrolled in Prin-
ciples of Reserve Engineering, Na-
tural Gas, Petroleum Physics, Ex-
perimentation, and Economics.

Theta Tau elects

Theta Tau held their election of of-

ficers for the fraternity on Febru-

ary 10. The new officers are Ed Nordquist, Regent; John Sutey, Vice Regent; Frank Koskinamaki, Scribe; Terry Angove, Treasurer; Gary Dahl, Correspond-
ing Secretary; Ted Bollich, Mar-
shall; Gary Carlson, Inner Guard; and Jim Leifer, Outer Guard.

Colonel Gann Hatch, the Western Regional Director of Theta Tau, visited the Tech campus on Febru-

ary 17 while en route to Great Falls to supervise a maneuvers for the Army Reserve. Colonel Hatch met with the new officers and Mr. Van Matre, Theta Tau's faculty advisor.

On April 3, Theta Tau initiated two new members into the fraternity Ted Bollich and Gary Carlson.

The initiation was followed by a dinner at the Shanty Cafe with alumni John G. Evans and Charles Palegi and faculty members Gus Stolz, William Van Matre, and John McCallin attending.

Art show to be held in Butte

A sidewalk art show sponsored by the Montana Institute of Art will be held on May 12 and 13 on Park and Main Streets in Butte. Any high school or college student between the ages of 17 and 22 will be eligible to enter up to three exhibits in any media of art: sculpture, jewelry, chalk, water color, and oil. Entries have already been turned in by stu-

dents from numerous high schools and colleges throughout the State of Montana. Ribbons will be award-
ed for first, second, third, and hon-
orand mention. Exhibits must be submitted by May 8 to: Rosemary Milani, 2234 Oregon, Butte, Montana.

"We require individualism which does not wall man off from com-
munity; we require community which sustains but does not suffocate the individual."

—Arthur M. Schlesinger

Tech staff members and students will present papers in Golden, Colorado

Professor Ernest Gilmour and Dr. Karl Newman and graduate stu-
dents Don Bircholz and Don Hruska will present papers at the annual meeting of the Rocky Mountain Section, Geological Society of America, in Golden, Colorado, May 10-13.

Hruska's paper is entitled "In-

terpretations of a Portion of Monta-

na's Distributed Belt." He will dis-

cuss the structure and stratigraphy of the Pre-Cambrian, Paleozoic and Mesozoic rocks in and adjacent to the Dry Range in western Meagher County. His talk will emphasize the extensive thrust-faulting in the area.

"Geology of West Central Meag-

her County, Montana" is the title of Bircholz's paper. It will deal with the structure and stratigraphy of the Pre-Cambrian and Paleozoic rocks, including a magnetometer survey which resulted in the definition of a large, positive magnetic anomaly.

Professor Gilmour and Dr. New-
man will speak on the results of

Professor Gilmour's presentation will be "Field Methods Used in Evaluating Reserves, of Fostler Creek Lignite Field, Southern Montana."

It will describe the field methods used, including use of transceiver radios, Wye Levels, and altimeters, and the results of the geological mapping, plus calculated coal reserves for the area.

Dr. Newman's paper, "Rocky Mountain Cretaceous Pollen Zones and Their Relation to Tectonics," is based on regional paleontology studies he has been engaged in over a period of years.

Basic expenses will be covered by the Department of the Interior and the Montana Bureau of Mines.

LITTLE MAN ON CAMPUS

Friday, April 21, 1967 THE AMPLIFIER

HARRISON AVE.

FLYNN'S

Don Hruska points out an area he has investigated to Professor Gilmour, Dr. Newman, and Don Bircholz as they prepare for a meeting in Colorado. (Photo by Jon Groff)

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Page Three


AWS coeds sponsor spring tea

The Associated Women Students sponsored the annual Mothers’ Tea on April 16 from 2 to 4 p.m. in the Student Union Building.

Carol Trythall, AWS vice-president was the general chairman, and the other chairmen were: Eileen O’Reilly, decorations; Judy St. Onge, name tags; Trudy Tomazzich, publicity; Cheri Thornton, food; Telen Ann Loggins, entertainment; and Karen Wedin, invitations.

Entertainment was provided by Hilma Smith and Joanne Comstock, featured in a musical number; Tony Gallonago, and the Los Diablo band.

Refreshments were served by the coeds to mothers of Tech students.

Studies show oxygen inhalation is fatal

Oxygen is a very toxic gas and an extreme fire hazard. It is quickly fatal to humans if as much as 1 percent of a nitrogen atmosphere is inhaled. Symptoms resemble those of cyanide poisoning (blue face, etc.). For a higher concentration, around 20 percent, the toxic effect is somewhat delayed and it takes about 2.5 billion inhalations before death occurs. The oxygen apparently contributes to a complex process called aging, of which very little is known, except that it is always fatal. When tobacco smoke is inhaled with the 20 percent concentration of oxygen, the toxic effect is increased in some unknown manner and only 2.0 billion inhalations are required to produce death.

The main complaint about the 20 percent oxygen concentration by medical authorities is that it is extremely habit forming. The first inhalation (occurring at birth) is sufficient to make oxygen addiction permanent. Significantly, unless this amount of oxygen is normally inhaled, addiction to tobacco smoke cannot occur. After oxygen addiction, any considerable decrease in the daily oxygen doses results in death with symptoms resembling those of cyanide poisoning.

Investigations confirm that oxygen is an extreme fire hazard. All the fires that were reported in Butte and continental U. S. in the past 25 years were found to be due to the presence of this gas in the atmosphere surrounding the burning buildings.

Oxygen is especially dangerous because it is odorless, colorless, and tasteless, so that its presence cannot be readily detected until it is too late. Although tobacco smoke had been considered more dangerous, it is now realized that the smoke onl.

Correct resuscitation may save a life

What would you do if you were walking down the street in your neighborhood and suddenly a woman ran out of her house screaming that her child had been found unconscious? You rush into the house and find the child, about nine years old, lying face down on the bedroom floor, not breathing.

Begin immediate mouth to mouth resuscitation, first putting his head back, pulling the lower jaw down and out and placing your mouth over his nose and mouth. Be sure to inspect the inside of the mouth first for objects such as pieces of balloons, toys, or food that may be lodged in the air passage. The air passage must be cleared before resuscitation is effective.

If you continue to meet resistance in your blowing efforts, recheck the position of the jaw. If the air passages are still blocked, the child should be resuscitated momentarily for the ankles or invertebra over one arm and given two or three sharp jabs between the shoulder blades to dislodge obstructing matter.

Then place your mouth over the child’s mouth and nose, making a relatively airtight seal, and breathe out, using shallow puffy breaths, and the breathing rate should be about 20 per minute. This should be continued until the child can breathe normally. In the meantime a physician should be called.

Contraction on campus nears completion

Construction of the Metallurgy building is completed and the Petroleum building will be completed by the end of April. The approximate cost of the remodeling for both buildings is $135,863.

This funds provided for the construction came from the state, contributing % of the cost and the federal government 5% of the cost which is authorized under the Higher Education Act of 1963. The construction in the Metallurgy building started in November, 1956 while in the Petroleum building it started in January, 1957.

The construction companies in charge of the remodeling are Earl Lynch of Butte Sash and Door for the Metallurgy building and Bentley Construction for the Petroleum building.

This is progress?

We note with interest and some concern that car insurance rates are increasing rapidly, many rates this year being 20 percent or more over last year’s. Those who had no accidents last year may receive up to a 5 percent discount, and pay only 15 percent more than this year.

We find, after looking into our crystal ball, that if automobile prices rise only 3.5 percent each year while the good driver’s car insurance increases 15 percent each year, a car owner will be forced to buy a new car. The day is not far off under these conditions when the average person can afford $4,000 for a new car but cannot afford $7,000 to insure the car for one year. We will have progressed far ahead of other countries whose people cannot even afford cars.

Who knows? We may insure ourselves out of automobiles and back to walking and once again lose more lives in war than in traffic accidents.

Construction of the Metallurgy building is mainly being renovated and is 100% complete except for minor finishing touches. One new classroom and office has been added. Widenin and adding 300 new desks complete the work done in the old classroom.

The renovation of the rooms and addition of new equipment has doubled the seating capacity in Metallurgy.

Three laboratories, one office, and two small classrooms have been added to the Petroleum building. To better facilitate the building a new storage unit for the computer has been added which cost $7,500. A printer was also donated to the college.

Mr. Burt, business manager, had this to say, "It was a much needed remodeling program needed for many years."

Drama Club is planning play

The Drama Club is planning to put on a comedy entitled "Hail the Hunkering Hero" sometimes in May. Rehearsals have begun and the players have been chosen.

The Drama Club meets every Wednesday at 12:30 P.M. in room 107 of the Sub. As many as 25 people have shown up at the meetings and anyone interested may attend. President of the Club is Joe Konsick, John Blumer is vice-president, and Gail Robbins is the secretary. Mr. Francis Young is the faculty advisor.

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The discussion of Finagle's Laws on Nature concluded

As in previous times, Finagle's Laws are again presented. This is the conclusion of those laws as they were treated in "IRE Student Quarterly."

Human Foibles

The remaining rules outline the human problems that follow from the laws on experiments, presented in the last issue. To some extent these are manifestations of Nature and, even more aptly, man's reaction to man.

Laws of the Recent (Often lumped into the Now They Tell Us Law)

First Law: Information necessitating a change of design will be conveyed to the designer after — and only after — the plans are complete.

Corollary 1 — In simple cases, where one obvious right way is opposed to one obvious wrong way, it is often wiser to choose the wrong way right off. This is one step ahead of choosing the right way, which turns out to be a wrong way, which has to become a right way.

Second Law: The more innocuous the revision appears to be at first, the further its influence will extend, and so more plans will have to be redrawn.

Third Law: If when the completion of a design is imminent, field dimensions are finally supplied as they actually are — instead of as they were meant to be — it is always simpler to start all over.

Fourth Law: Even if it is possible to accommodate a part incorrectly, still a way will be found to do it wrong.

Fifth Law: It is usually impractical to worry beforehand about interfences — if you have none, someone will make one for you.

The Law of the Lost Inch:

In designing any type of construction, no over-all dimensions can be totaled correctly after 4 p.m. Friday.

Corollary I — Under the same conditions, if any minor dimensions are given to 1/16 of an inch, they cannot be totaled at all.

Corollary II — The correct total will be self-evident at 9:01 Monday morning.

Deliveries that normally take one day will take five when you are existing.

When adjusting (or drawing of computing, etc.) remember that the eye of the chief inspector (engineer, draftsman, etc.) is more accurate than the finest instrument.

After adding delays to a schedule for unexpected delays, add two more weeks for the unexpected.

In any problem, if you find yourself doing an enormous amount of work, the answer may be obtained by inspection.

Students voice opinion

Continued from Page 1

Students may attend orchestra concert

The Butte Symphony will present its last concert of the season Sunday afternoon at 2:30.

Because of remodeling at Tech, the concert will be given at the Girls' Central Auditorium.

Tech students will be admitted on their activity tickets, however. They will be seated in the Hayde Concerto in C and the Saint-Saëns Introduction and Rondo Capriccioso will be violinist Jack Glatzer. Glatzer began the study of violin at five, he has won many local, state, and national contests, including first place for violin in the Merriwether Post competition in 1964. Since then he has won many local, state, and national contests, including first place for violin in the Merriwether Post competition in 1964. Since then he has received outstanding reviews for his recitals and orchestra appearances here and abroad.

The orchestra will be heard in music by Smet, Donnetti, Britten, and Herbert.

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D. Hunt

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People were responsible for every step forward, as Anaconda steadily expanded its operations throughout the Western Hemisphere and built its market from copper alone to a myriad of metals and fabricated products.

Today there are more than 40,000 Anaconda employees — geologists, miners, metallurgists, chemists, accountants, engineers, salesmen, manufacturing specialists. They are members of a dynamic industry, performing an important job.

The future will rest in the hands of the same kind of good, capable people. That's why Anaconda seeks technically qualified people of talent and skill for the challenges and opportunities of a growing industry.

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Volleyball nears end

Intramural volleyball will be nearing the end of its season this month with the final playoffs.

Facility, Theta Tau, Graduates, and the Promubla Bombers were the winners in the first league. Tapakagabrew, Engineers 11, Obituaries, and the Spikers were victorious in the second league.

The final tournament should be played before the end of the month, announced Coach Lester, with the eight teams participating in a single elimination play.

Those teams that will play each other are Facility vs. Spikers, Engineers 11 vs. Graduates, Theta Tau vs. Obituaries, and Promubla Bombers vs. Tapakagabrew.

The results of these playoffs and the name of the winning team will be published in the next issue.

Golf team is on move

The Montana Tech golf team has started its season with three planned golf meets in Billings and Havre.

Coach Lester has announced that Ed Nordquist, Bob Ballhiser and Dave Fenton will participate in the two meets.

On April 21, Tech will play at the Yellowstone Country Club in Billings and on April 22 they will meet in Billings at the Lake Hills Country Club.

On April 25, Tech will meet at Havre for the third meet to match golf teams.

Results of these and other golf meets will be published later.

G. F. College enters basketball race

Trustees of the college of Great Falls voted unanimously to begin intercollegiate basketball after students at the school had played basketball for 24 straight hours to dramatize their plea for a team. The school will start its first team next season.

The four year college has had no varsity athletics although it has been represented by independent basketball groups.

The students played in relays with both men and women participating in the long game which finally brings the round ball sport to the school.

Inframural sports in action now

Nothing startling seems to be happening on the inframural sports scene these days, according to our sub-SUB sports reporter.

Recent dances have shown that Tech students have what it takes, in spite of the fear of being close. In the first half of the Computer Dance, there were some symptoms of fatigue, but endurance counted.

The end score was 50-50.

After the dances, it has been reported that more hearty souls have been seen running around campus in full stride, according to our sub-SUB sports reporter.

Inframural sports in

Dancing in the SUB has become a popular inframural sport.

Members of Montana Tech's track team are (left to right, front row) Dave Mosglin, Joe McManus, Lee Ochs Curt Dahlgaard, and (back row) Steve Dohb and Dale Miltich. Athletes not shown are Lee Sniger, Jack Hurry, Jim Sever, Jerry Trythall, Dan Piazzola, and Frank Kosekizaki. (Photo by Jon Groff)

Tech track team has first meets

The Montana Tech track team, under the supervision of Coach Lester, had its first two track meets April 15-22, results of which will be posted in the May issue.

Those team members who participated in the meet were Curtis Porter, lost his flashlight early in the scene these days, according to our sub-SUB sports reporter.

Wrestling, but unfortunately our reporter lost his flashlight early in the

Joe McManus, Dale Miltich, Lee Ochs, Dan Piazzola, and Lee Sniger.

Coach Lester announced that his team is strong in the running distance events and sprints, but they are fairly weak in the field events.

Those team members who participated in the meet were Curtis Porter, lost his flashlight early in the scene these days, according to our sub-SUB sports reporter.

Inframural sports in

Inframural sports in

Dancing in the SUB has become a popular inframural sport.

Inframural sports in

Dancing in the SUB has become a popular inframural sport.

Frank Koskimaki. (Photo by Jon Groff)

Montana Tech begins baseball season

The Montana Tech Orediggers began their 1967 baseball season on April 8, announced Coach Dan McCarthy, head baseball coach.

Coach McCarthy has also published the names of those players who have made the Tech team and who will participate in all the season's games. They are John McEnaney, Karl Matson, Wally O'Connor, Clark Walters, Ron Verbeck, Bill Daily, Henry Scholz, Jim Purans, Tom Williams, Karl Ryan, Bill Geoges, Dan McVeigh, John Sutey, Mike Corals, and Mike Saxton.

The Orediggers opened the season with a double loss to the Missoula Grizzlies Saturday, April 8, in Missoula.

Tech lost the opening game, 6-0, and dropped the second game, 3-1.

It was a story of late rallies that gave the Grizzlies the sweep. Missoula scored five runs in the sixth inning of the first game to grab the victory. In the second game, the Grizzlies scored a two run in the fifth to break a 1-1 deadlock.

The Montana Tech Orediggers' pitchers won the distance in both games. John Sutey took the opening loss. Wally O'Connor picked up the defeat in the second game.

Showing the obvious results of only four days of outside practice, Tech's hitting was rather poor with only eight hits, according to our sub-SUB sports reporter.

Five games were scheduled for April and May and are listed below.

APRIL --
Sat., 15—Rocky Mountain College, 2 games, 11 a.m. at Butte.
Sun., 16—Butte College, 2 games, 11 a.m. at Butte.
Tues., 19—Western Montana College, 2 games, 11 a.m. at Helena.
Thurs., 21—Northern Montana College, 2 games, 11 a.m. at Butte.
Sat., 22—Northern Montana College, 2 games, 11 a.m. at Butte.
Sat., 29—Carroll College, 2 games, 11 a.m. at Helena.
MAY --
Sat., 6—Eastern Montana College, 2 games, 11 a.m. at Butte.
Sun., 7—Western Montana College, 2 games, 11 a.m. at Butte.
Sun., 14—Western Montana College, 2 games, 11 a.m. at Butte.
Sat., 21—Western Montana College, 2 games, 11 a.m. at Butte.
Sat., 28—Northern Montana College, 2 games, 11 a.m. at Butte.
Sat., 29—Carroll College, 2 games, 11 a.m. at Helena.

Trevor's baseball team consists of (front row, left to right) John Corak, Bill George, Mike Saxton, Bill Daily, Jim Purans, Henry Scholz, Tom Williams, and Karl Matson, and (back row, left to right) Bill Cullen (coach), Carl Ryan, Ron Verbeck, Wally O'Connor, John Sutey, John McEnaney, and Don McVeigh. Not shown is Clark Walters. (Photo by Jon Groff)