

**Rat Study
Helps Us
Understand
Ourselves
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CARIBOO COLLEGE CHRONICLE

Volume 1, Number 3 February 8, 1979

**Physical
Fitness
Can Be
Measured
(Page 5)**

Job Plan Returning

Cariboo students looking ahead toward career-related jobs between May and September this year would do well to mark Monday and Tuesday, February 19 and 20, on their calendars.

On these two days, beginning at 11 a.m. a representative from the Provincial Ministry of Labor will be on hand in the Board Room to give individualized counselling about summer work under the Youth Employment Program.

The Ministry of Labour has allocated more than \$1,000,000 province-wide for the program this year, according to Pat Dandeneau, referral officer in Kamloops, who works out of the Manpower Office in the Federal Building.

Participating employers are financially assisted by the Provincial Government in paying the salaries of students in jobs specially designed to provide training as well as employment. As well as business firms, non-profit organizations and ranches may be eligible. Career-related jobs with Provincial ministries and local governments are included.

The program has been functioning since 1974 under different names. Last year the YEP placed about 700 students in summer jobs in the career-related category, in the Kamloops area.

The on-campus recruiting session on the 19th will run until 8 p.m., and on the 20th until 7:30 p.m. Interested students may make an appointment through Student Services or may take their chances on a drop-in basis.

CCSS Slates First AGM

The first-ever Annual General Meeting of the Cariboo College Student Society is scheduled for Thursday noon, February 22.

The constitution of the newly-formed society, successor to the defunct Student Activities Council, calls for an annual meeting every February at which financial and other reports are submitted to the membership.

It is also the occasion for presenting proposed amendments to the by-laws, according to CCSS President Mike Hartley.

The meeting will take place in the Student Lounge. A minimum of 85 students is required for a quorum.



EXACTLY WHERE the next multi-ton wall panel should be set in place: that's what Construction Worker Chris Van Diest is signalling to the operator of the huge crane which lifts and maneuvers the precast concrete sections which form the

frame for the new Science Building. This operation, referred to as "plumbing" the precast sections, was performed dozens of times in the past few weeks. (Progress report and another photo on page 3).

Stargazers to Head South

A Cariboo College bus containing up to 44 students plus portable telescopes will head east and south from the campus early on the morning of Sunday, February 25. Their destination: Yakima, Washington, and the total solar eclipse which will be visible there about 8:30 the next morning.

Yakima was chosen for the field trip location, according to Dr. Roland W. Cobb, Astronomy instructor, because it is the nearest to Kamloops of any community on the path of totality which offers a good chance of clear skies.

Only along the path of totality, he explained, can one view such phenomena as the corona, the chromosphere, Bailey's beads, and other details important to the astronomer. In the case of the February eclipse, the last of its kind for North America in this century, the 200-plus-mile-wide path sweeps in a curve from Southern Washington through Southern Manitoba to Greenland.

The College is providing the bus and driver, and Dr. Cobb has reserved a block of motel rooms in Yakima. Students pay for their own meals and lodging.

Immediately after viewing and photographing the eclipse, the group will board the bus for the return trip, with the object of reaching

home as early Monday evening as possible.

Astronomy students constitute most of the tour group thus far, but there is room for others up to the vehicle's capacity of 44. Those interested can reach Dr. Cobb in the Faculty Building, Extension 338.

Inaugural Meeting February 13:

10 Named to Board

Ten of the eleven members of the 1979 Cariboo College Board had been officially named by the six participating School District trustees and by the Provincial Government at "Chronicle" press time.

Seven of the appointments -

four by the Government and three by School Boards - are re-appointments, assuring a definite continuity in the Board's policies and procedures.

The new Board will hold its inaugural meeting on Tuesday evening, February 13. One of its first major jobs will be the selection of a new Principal after receiving recommendations from the Principal Search Committee which has been at work during the past two months.

The Provincial appointees to the Board are Incumbents

R. Dale Janowsky, Kamloops lawyer; Andrew Smith, chartered accountant from Williams Lake; Ralph Anderson of Ashcroft, personnel manager for Bethlehem Copper; and Archie McLaughlin of Clinton, retired.

McLaughlin thus continues a period of services on the Board and its predecessor, the College Council, which began in 1970 when he was designated as the School District 30 (South Cariboo) representative. For the past two years, he has been a Government appointee.

The School District representatives for 1979 are:

District 24 (Kamloops), Mrs. Kenna Cartwright.

District 26 (North Thompson), Hans Krauseneck of Clearwater (reappointed).

District 27 (Cariboo-Chilcotin), James G. Bann of Lac La Hache (reappointed).

District 29 (Lillooet), Mrs. Helen Keir of Lillooet (reappointed).

District 30 (South Cariboo), Syd Baker of Lytton.

District 31 (Merritt), R. E. Turnbull of Merritt.

The remaining Government appointee will be new to the Board. Two previous Government appointees, Dr. Frank Murdoch and Jim Booth of Kamloops, had announced their intention not to continue on the Board, as did Don Murray, 1978 Board Chairman, who represented School District 31.

New Prize In English

An annual prize of \$200, to be awarded to the top-ranking student in first-year English, has been established by the Cariboo College Board and named for N. (Jack) Harrison, founding Principal of the College.

Harrison resigned last Summer after serving as Principal since the creation of the College in 1969, and is now a consultant with the Ministry of Education, Science and Technology in Victoria.

The Board took this method of recognizing Harrison's contribution to the College.

The resolution setting up the prize was adopted at the Board's meeting on January 30, held in Merritt. Harrison was an English teacher before becoming an administrator.

Selection of the prize recipient, who must have completed two semesters of any first-year English course, will be made by the English Department. No application is necessary.

7 Courses Now 'Ongoing'

Seven Cariboo College programs have recently "graduated" from year-to-year approval status to recognition by the Ministry of Education, Science and Technology as established programs.

Up to now they have had to be submitted for Ministry approval each year. This procedure will no longer be necessary.

Three of the courses are in the Business field: Clerk-Typist, Word Processing (Legal) and Business Office Training (Bookkeeping). Others are General Mechanics, Retail Meat Processing, Community Health Services Worker and Early Childhood Education.

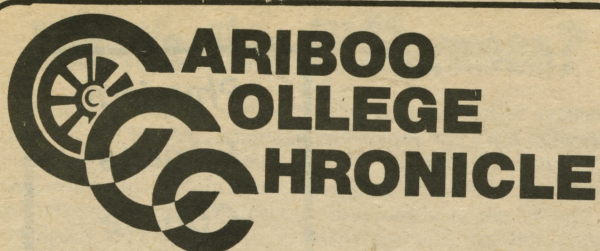


WINTER GAMES housing and feeding arrangements for 450 of the athletes and coaches taking part require a lot of strategy coordination. Pictured at a recent meeting of

the College's Winter Games committee are, seated from left, Registrar Andrew Wilson (sitting in for his flu-stricken assistant, Gary McKee), Acting Principal Leo Perra,

Support Staff Coordinator Wyn Baker and Faculty Coordinator Barry Dunkley. Standing, from left, Buyer Chuck Kane, Food Training Chairperson Martin Bucher,

and Adult Basic Education Chairperson Reg McNamara, who is coordinating student volunteers and supervising worker deployment in general. (Story on Page 6).



An Informational Bulletin for and about the College Community
Published Monthly (except July)

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COLLEGE PHILOSOPHY

Cariboo College is a comprehensive community college. As such, it is committed to the philosophy that a community college has the responsibility to offer the broadest range of educational opportunities to the citizens of its region consistent with the available resources. Comprehensiveness does not mean trying to be all things to all citizens regardless of cost, since scarce resources must be wisely used; it does, however, imply a commitment to the concept that individuals have different educational needs and that these are equally worthy of consideration. Thus, Cariboo College does not believe that any one program, or student, has higher status than any other. The worth of a program is measured by the degree to which it meets the needs of the community it serves and the success of a student in that program is measured by the degree to which he or she attains the objectives set for that program.

Break Starts Feb. 28

If February seems to be longer than usual this year for Cariboo College Careers and University Transfer students, the explanation is simple: the mid-semester Winter break, which usually occurs about halfway to two-thirds of the way through the month, doesn't happen until the last day and into the beginning of March.

The reason for the change, and for the extension of three days instead of the usual two, is the B.C. Winter Games. The College is turning over most of its classroom space and much of its other facilities to some

450 athletes and coaches taking part in the March 1-4 event in Kamloops. (See story on Page 6).

Vocational classes, many of whose students are enrolled under Government sponsorships, will continue in session on February 28 and March 1 and 2. But students in the other two divisions may again use the time to visit universities, line up employment, catch up on class assignments or just seek relaxation before pouring on the adrenalin for the sprint down the homestretch toward final exams, which begin April 17.

Placement Test Due

Tuesday, March 6 has been set as the date for the spring sitting of the English Placement Test, and Cariboo College will be administering it in Kamloops and in Williams Lake at 7 p.m. on that date.

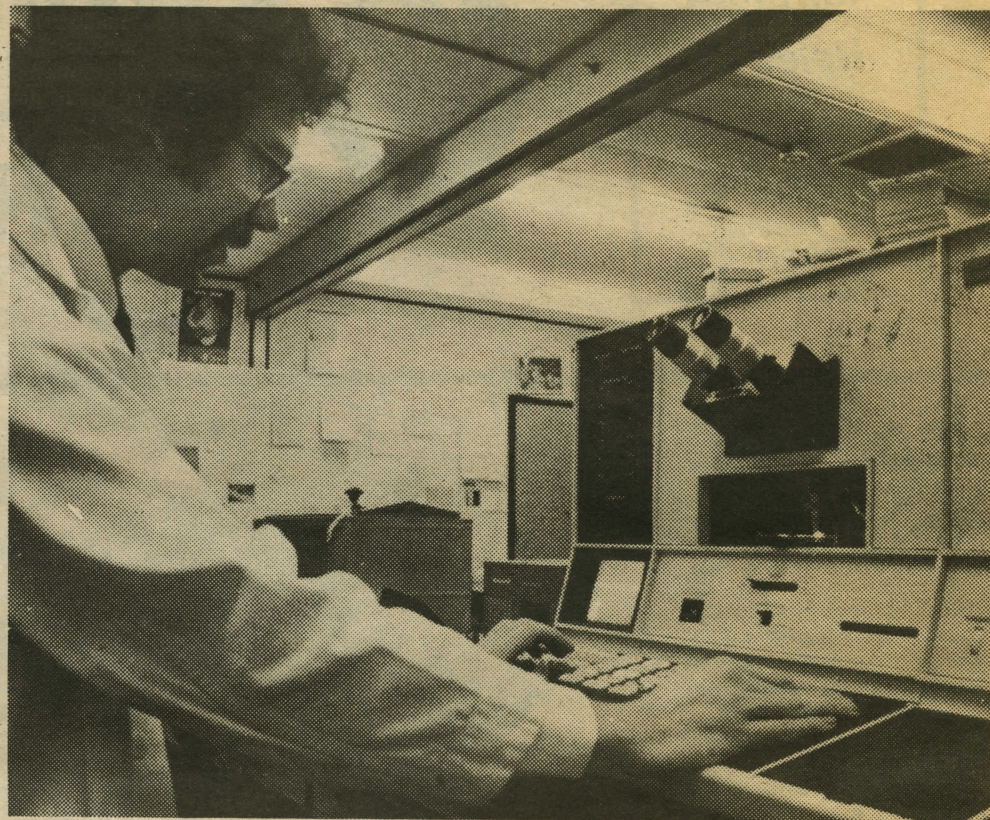
The test is a pre-registration requirement for entering University Transfer students who expect to enroll for university credit courses (English 110 or 111), and is also required in some of the Careers programs.

English Chairperson Ron Miles pointed out, however, that the test is not a requirement for admission to the College.

"It is intended for placement counselling," he said. "The individual results enable counsellors and English instructors to recommend which type of English course best meets the needs of the first-year student. We have found that the test is in most cases a useful indicator of which post-secondary course should be pursued."

The tests are also being offered in senior secondary schools during the morning of March 6. Those who want to write it at the Kamloops campus should phone Student Services at the College to book a seat, Miles advised.

The tests are prepared and marked by the Educational Research Institute of British Columbia for the Provincial Government. It consists of two sections: a series of 40 sentences in which the student circles the incorrectly used words; and a 300-500 word expository composition on the student's choice of a list of topics provided.



"MICROSCOPE PLUS" is an understatement in describing the marvelous machine into which Instructor F.A. "Rick" Rice of the Medical Laboratory Technologist program is feeding data. Specifically, the Honeywell ACS-1000, called a Semi-Automatic Differential Machine, is a super-microscope plus computer plus television camera plus a host of computer "goodies". It was on campus in late January for evaluation as a teaching tool in various science courses.

By means of a special optical system, the ACS-1000 provides, with no loss in definition, an image up to two and a half times the size made possible by other available systems.

Then, via a built-in television camera with controls mounted on the outside, the instructor can see, and project to the class by closed circuit TV, the image of the magnified slide. It can also videotape for future use, including student review, the images used in an instruction session.

A built-in computer controls the movement of the slide, and can "recall" an image, such as a single cell; and, if desired, can provide a print-out showing the percentage of different types of white cells in a blood sample.

A request for special funding for purchase of the machine has been submitted to the Provincial Government.

If it is acquired, it will be used in various laboratory courses, including biology, nursing, and respiratory technology as well as in "Med Lab."

Respiratory Course OKd

Formal approval of Cariboo College's new program in Respiratory Technology was forwarded to the College recently from the Program Services Division of the Ministry of Education, Science and Technology.

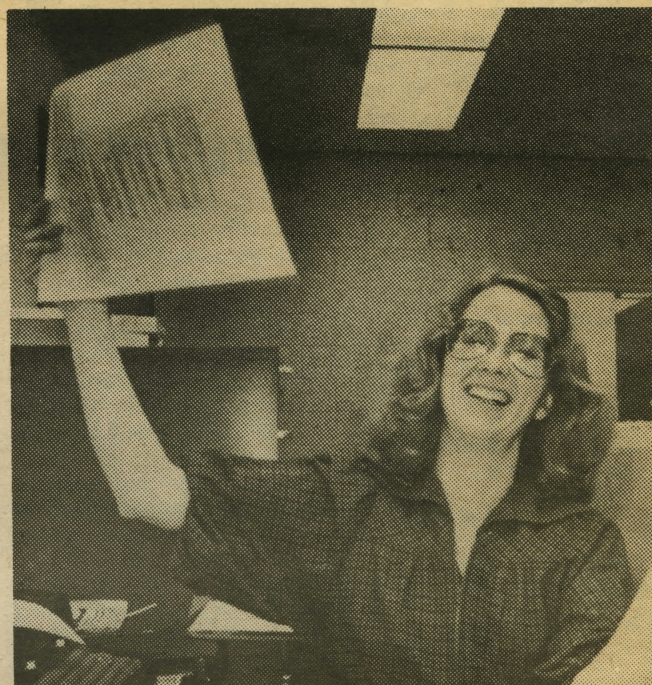
The initial class is expected to get under way in September, when the students will begin a three-year course of study and clinical experience, the first two years consisting of eight months each (September through April) at the College.

After a third year spent in an accredited training hospital, the technologist should be well prepared to write the required certification examinations and to be a valuable member of a medical team dealing with the evaluation and treatment of cardio-pulmonary and related cases, according to Dr. M.R. Granger, Chairperson of the Department of Physical and Life Sciences.

The first year of the program is a prerequisite year, focussing on such courses as various laboratory sciences and mathematics. In the second, or pre-clinical, year the courses will be more specialized, relating directly to the respiratory field and related scientific specialties.

To be admitted to the Respiratory Technology program, a student must have Grade 12 graduation with an over-all C average, with a minimum grade of C in Chemistry 12, Mathematics 12 and Biology 11.

Roll the Presses!



CALENDAR COMING - College Affairs Secretary Linda Walch is obviously happy about finishing the long proofreading job on the 1979-80 Cariboo College Calendar, now in the hands of the printer. The Calendar will have a full-color cover for the

first time. The cover will feature students representing the College's three post-secondary divisions: Vocational, Careers and University Transfer. It is scheduled for distribution in March.

\$300 Bursary Available

Two additions to the long list of bursaries available to Cariboo students were reported in January by Financial Aid Officer Catherine McNeely.

The Evening Auxiliary to the Royal Inland Hospital has established a \$300 annual bursary, for students entering the second year of a medically-oriented program

at the College.

Alpha Pi Chapter of Beta Sigma Phi provided a \$50 bursary to be awarded to a female Fine Arts student demonstrating financial need and good scholastic achievement.

Interested students may apply for these and other bursaries at the Student Services Department.

Wiederholen, S'il Vous Plait!

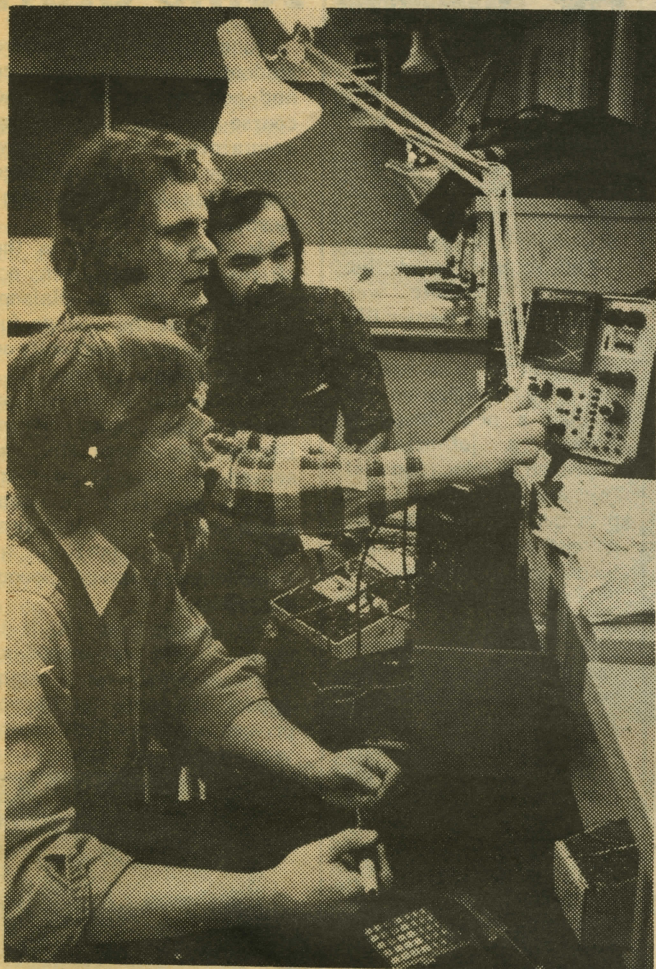


TRES BIEN, SEHR GUT or "muy bien" - the College's language laboratory enables the instructor to comment on a one-to-one basis on the student's response to taped language exercises. In this photo it's Instructor Les Koritz with part of the German 121 class, but

it could just as well be Spanish students or any one of various French classes. The lab is also open several hours a week on a drop-in basis so that students can work on their own, while Student Assistant Sandy Northrop sets up the desired tapes for them.

Electricians into Electronics:

Lab Keeps Pace with Change



ELECTRICAL apprentices Mick Marshall (seated, front) and Kurt Watters (standing) work on a motor control logic circuit under the watchful eye of Electrical Chairperson

Doug Warrington. There are eleven such bench stations in the electronics laboratory section of the Electrical Trades Department.

Electricians, particularly those in industrial establishments, find they must work with more and more sophisticated electronic circuitry. And the Electrical Department of Cariboo College has responded to this need by setting up an electronics laboratory for advanced apprentices and journeymen.

The new laboratory was put into service in January, with third-and-fourth-year apprentices now hard at work at the eleven fully-equipped benches, under the guidance of various instructors. Construction and equipping of the laboratory has been taking place gradually over the past three years.

It's a long way from the traditional idea of the electrician as the fellow who installs and repairs your house wiring. That area is still part of the six-month pre-apprentice course offered by the College; but the continuing technological development in electricity poses a real challenge, not only to the indentured apprentices on a four-year work-study program, but also to the journeyman, who needs frequent upgrading to keep abreast of the field.

Thus, explains Electrical Chairperson D.W. Warrington, the need for the new laboratory. But where to put it?

STUDENTS PITCH IN

At the west end of the shop area there was a space, formerly used for offices and then as a spare classroom, which could be converted. The inside wall was removed, and a team of pre-apprentice carpentry students undertook the framing and drywall work for the lab space, slightly larger than the original classroom.

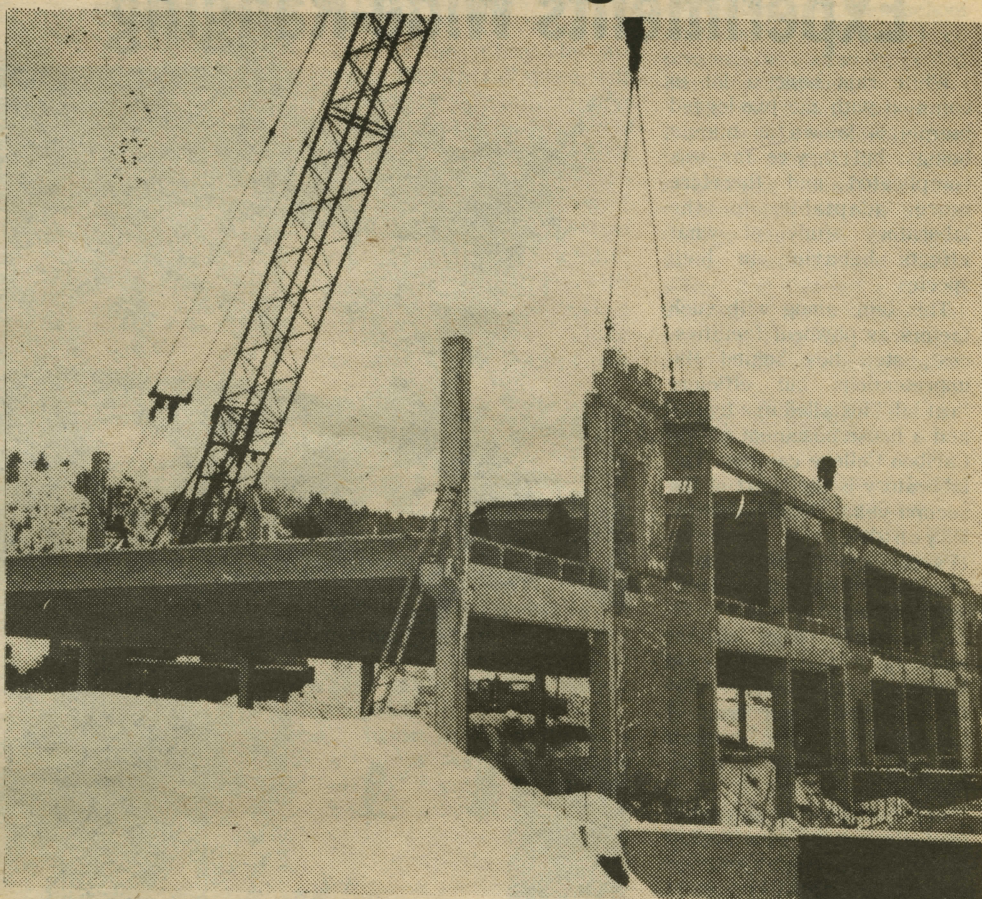
The electrical pre-apprentice students then did the wiring for the lighting and the wall outlets, and the instructors designed and installed the more intricate wiring at the benches. Finishing touches such as painting were supplied by the B.C. Buildings Corporation.

Each bench has an electronic tri-power supply, an oscilloscope, a digital VOM (volt-, ohm- and ammeter), and a logic board for integrated circuits, all of them necessary to familiarize the advanced apprentice and journeyman electrician with complex modern industrial equipment. Other necessary equipment and tools are also installed at each location.

At present the Electrical Department at Cariboo provides the required two-month annual training courses for apprentices during the four years of their indenture period in the construction field, but only for the first three years in industrial electricity. With the new laboratory in operation, the college is now equipped to offer fourth-year training in industrial electricity as well.

At any one time there are about 75 students and apprentices taking the various Electrical courses, not counting the journeymen who enroll for short periods of upgrading, mostly in the evenings and on weekends.

Shape of Building to Come



PRECAST WALL PANEL for the Science Building is precisely set in place by means of a giant crane as the structure rapidly

assumes its ultimate outlines. The skeleton of the building was virtually completed a few days after this photo was taken.

Board Room Popular

Most public schools have a multi-purpose room. Cariboo College doesn't have one so designated, but the Board Room (Room 118) is the scene of an almost limitless range of activities.

It was prophetically named, because its top-priority function is for meetings of the College Board, which was until recently designated as the College Council. But the College Board uses it only about two days a month as a rule, while other units of the College, such as the Committee of Chairpersons and the Nursing faculty, use it once a week during the busier eight months of the College year.

Apart from such meetings, the Board Room finds itself serving alternately as classroom, theatre, lecture hall and social centre. It also comes in handy at registration time, and houses outside organizations on a regular or occasional basis.

No month is completely typical, but here is a summary of the Board Room traffic during January:

All day January 9 and 23: reserved for College Board and its standing committees.

Thursday mornings, January 4, 11, 18 and 25: Committee of Chairpersons.

Almost all day, January 16 and 17: Principal Search Committee.

Other regular meetings: Cariboo College Student Society, late afternoons on January 17, 24 and 31; Nursing faculty, early afternoons January 8, 15, 22 and 25.

Special uses by units of the College in January included: registration on the 2nd and 3rd, all day; Nursing Advisory Committee, all day on the 29th; Chairpersons-Manpower meeting, afternoon on the 12th; Safety Committee, noon on the 18th; and Acting Principal Leo Perra's monthly information meeting, noon on the 19th (although eventually deferred to February).

The Faculty Association frequently meets in the Board Room, but did not in January.

Classes meeting in the Board Room because of temporary squeezes in accommodation have in the past included the Social Service Worker group, and in January (all day on the 5th, all morning on the 8th) it was the Early Childhood Education class, plus a Nursing class on the 24th. Then there are the seminars: on January 27, a Saturday, the first of four Business Education seminars, and an all-day session on Effective Customer Relations on the 30th.

In the evenings, Continuing Education classes often use the Board Room. The "People Talking Back" course was presented there on the 18th and the Foster Parents group on the 30th. Other evening uses include the Social Science series, January 26; and the Ukrainian series on the 25th.

COMMUNITY USE

On Sunday the 14th the room was turned over to the executive of the B.C. Student Federation. Other "outside" and community users have been the Western Canada Theatre Company Board meeting, evening of January 8; the Kamloops B.C. Winter Games Committee, evening of January 24; and the Royal Conservatory examiners, all day Saturday the 13th. The Stamp Club meets regularly in the Board Room on the afternoon of the first Sunday of every month.

Finally, there are the "theatre" uses of the room. January was unusual in that there were no film showings, but the Cultural Event Committee had the room filled on the 16th for readings by Poet-Playwright Ken Mitchell, during the Thursday extended noon hour. Likewise on February 1, this time with Guitarist Stephen Elliott, and a week later for the annual St. Valentine's Day Poetry Massacre.

Job Still On Schedule

The placement of four types of pre-cast concrete sections for the College's Science building, which began in late January, should be completed by mid-February, readying the project for the next step in construction, structural steel framing around the perimeter.

This is the report from the construction site as given by Russ Grant, job superintendent for Cana Construction, the Richmond-based firm which is handling the \$3,500,000 project.

Once under way, work on the placing of the concrete elements went ahead with dramatic speed, as a giant crane hoisted the huge wall sections, weighing up to 10,000 kilograms into place. The columns, the ceiling beams and the double-T slabs which form the floors and the roof were similarly installed.

The next stage of construction, scheduled for late February, will consist of installing the metal studs around the perimeter of the building and bolting them into place, thus filling in the joints between the newly-placed concrete sections.

At the same time some of the sheet metal duct work will be in preparation, according to Grant.

The job is still on schedule, which calls for completion before the end of this year.

Souvenirs on Sale

The College Sports Council is participating in the sale of souvenirs for the B.C. Winter Games.

The specially designed green toques, scarves and T-shirts are available at the concession area at the entrance of the College gym.

Welding Shop Humming

For 13 hours a day, five days a week, the welding area at the north end of the vocational block at Cariboo College is what the cliché describes as a "hive of activity". At certain periods that description also applies to daytime hours on Saturday and Sunday.

The course population varies according to the number of journeymen who enroll for upgrading courses ranging from one to six weeks in length, but there are three sections of the ten-month pre-employment general welding course operating most of the year on a shift basis.

That is, one group starts its training day at 7 a.m., another group checks in at noon, and a third runs from 3 to 10 p.m., with traffic regulated between classroom and shop. For much of the year, there are evening classes in both arc- and oxy-acetylene welding for beginners, administered by the Continuing Education Department, plus a shorter refresher course for welders with some experience.

Beginning in February there will also be four weekend sessions for mechanics, lumber mill workers and others whose employers, usually smaller firms, need someone already on staff to do some welding on a part-time basis.

INDUSTRY SERVED

In addition, the Welding Department conducts specialized short courses for industries which are not equipped to offer their own in-plant training and for others, such as railways and mining companies, who would like such training supplemented by what the College can offer in such areas as aluminum

welding, semi-automatic production line welding, etc.

These courses are part of Welding Chairperson M.A. "Mickey" Zoyetz calls a "customized" community service. They are fitted in during the short periods between general welding class graduations and the start of a new ten-month course.

In addition, the Department supplements such programs as Drafting and Mechanics at the College: the student draftsmen become familiar with welding symbols, and the prospective mechanics learn basic welding skills.

In the past, welding has also been offered for amateur sculptors as a general interest Continuing Education course. Beginning next Fall, however, sculpture welding may be part of the College's Fine Arts program on a semester basis, with the Welding Department joining forces with Sculpture Instructor Pat Fulford.

Geography Pair Win Scholarships

Two second-year Geography students have won scholarships on the basis of their excellence in that discipline.

Mark E. Hornell won the Sun-E-Tuft Scholarship in the amount of \$125, and Paul Martin the Carl Sauer Scholarship of \$75. The latter award is named after a famous American geographer, and the former at the mysterious request of the anonymous donor, according to Instructor Jim Miller.

Both scholarships are awarded in January of each year.

'Rat Lab' Just a Beginning

Experiments Wide-Ranging

White rats have a lot in common with the two-legged mammals known as human beings, but they're far less complicated and therefore more adaptable to the laboratory study of what affects behavior in both species.

This fact, along with such factors as physical facilities, cost, etc., lies behind the unpretentious but efficient "rat lab" installed in a trailer and a house basement on the Cariboo College campus. The laboratory is the heart of the second-year Experimental Psychology course (Psychology 211-221), but is also used by quite a few first-year students.

"We teach from animal behavior," Instructor Fred Madryga emphasizes, "But the majority of our projects have dealt with human behavior and how it is influenced."

For example, one student is exploring the relationship between religious experience and conviction on the one hand and reaction to various types of music on the other. Still another is looking into the hard-to-measure connection between self-esteem and conformity.

GRADUAL GROWTH

Dr. Madryga has been accumulating lab equipment since he joined the Cariboo Faculty in 1973, using such methods as special grants, donations, borrowing and scavenging from universities and other College departments (such as Physics and Electronics) and do-it-yourself. Students have designed and built some of the learning boxes, mazes and other devices.

The converted trailer which houses the experimental animals and some of the equipment is itself a donation (from Weyerhaeuser Canada), and the student lab assistant, Frank Watson, is also a student electronics technician who has taken psychology courses.

The experiments cover a vast range, from the learning process in rats (using the well-known "Skinner" boxes with the food-rewarding levers) to the use of the polygraph to record brain waves, and even to the expanding field of bio-feedback, monitoring and presenting to people the changes in body temperature and muscle tension which occur under conditions of relaxation and stress.

TO BURY OR NOT

For example, Psychology 221 student Rob Lampard is designing an experiment, which will feature a light as an "aversive" sign in the learning box: the rat learns that when the light is on he is not rewarded with food for pressing the lever. Will he attempt to bury the light in the sawdust with which Lampard intends to replace the flooring bars? It has been shown that he will bury things that hurt him directly, but will he also bury things that signal the absence of food?

Similarly, Sandy Westover is working on "schedule-induced polydipsia". First she will verify the observation that rats who have learned that there are fixed intervals between food-rewards tend to drink a lot of water; then she



RESEARCH is the name of this scene, as even the white rat decides to research the mechanism of the learning box inside which he will soon be placed by Psychology Student Rob Lampard (right) for observation of his behaviour under experimental conditions. His

"public" in the "rat lab" also includes Sandy Westover, (left), who is working with a different rate, the one on the table below, on another study project, and Dr. Fred Madryga, instructor.

Instructor Pursues Brain Research

Community colleges, including Cariboo, are well known for putting faculty emphasis on teaching rather than on research. There is no "publish or perish" atmosphere on a college campus such as that which puts pressure on many university instructors seeking tenure and advancement.

Those college instructors who do pursue specialized research do so, therefore with no motivation other than their own insatiable curiosity about their discipline and a desire to increase their own and mankind's knowledge. Often, of course, their discoveries give greater depth and perspective to their classroom and laboratory teaching.

Dr. Fred Madryga, whose field is physiological psychology (see ac-

companying article), is one of the Cariboo instructors who continues to pursue research in his field, specifically in relating brain mechanisms to behavior. His interest has centered on two aspects of this area: motivational mechanisms within the brain, and the neural basis for motor seizures.

His first research article, published in "Physiology and Behavior" in 1971, dealt with the effect of injections of the anaesthetic procaine into certain parts of the brain on behavior motivated by electrical stimulation of the brain. This article, co-authored by Dr. D.J. Albert of UBC, was based on Madryga's M.A. thesis.

Transferring to Dalhousie University for work on his doctorate, Madryga became

will explore what variant factors affect this thirst phenomenon.

The expansion into bio-feedback, incidentally, is being led by former Cariboo student Sandy Abraham, who developed an interest in it at the college and has since continued on into graduate university studies in psychology.

Some of the rats, those with

electrodes implanted in the brain for study purposes (Dr. Madryga usually performs the surgery), are also studied posthumously. A microtome (a machine with a knife capable of slicing off a piece of tissue 40 microns thick or less - that's 40 millionths of a meter) is used to produce a microscope slide which when stained shows different aspects of the brain and which

interested in the development of motor seizures and began to apply similar injections as well as other treatments to different brain structures to see if they were involved. One such structure is called the hippo-campal commissure. Madryga's experiments proved that previous research, which purported to show this structure to be highly seizureprone, had been based on poor tissue localization.

Since joining the faculty at Cariboo in 1973, Dr. Madryga (his doctorate was awarded in 1978) has co-authored two other articles in scientific journals and is currently preparing another. He plans to continue his research during his holiday and professional development periods next summer, as he did last year at UBC.

part was affected by the electrode.

Psychology "headquarters" is House 4, one of the Department of Public Works residences dating from World War II, near the campus bus turnaround. The house has been somewhat remodelled to provide seminar rooms as well as laboratory facilities, plus offices for the three psychology instructors: David Wood, whose specialty is in

New Name For Ministry

Most people will continue calling it the Ministry of Education, but the full official title, as of last December, is the B.C. Ministry of Education, Science and Technology.

The expansion of the ministry mandate was announced by Premier Bill Bennett, whose office explained at the same time that the designation indicated a new thrust to "bring a job-oriented approach to education and to ensure that the province's young people have a place in the high-technology future that the government sees for the province."

The new title recognizes actions already taken, according to "Education Today," the Ministry's published bulletin. Specifically, the Legislature established last June a B.C. Science Council, to guide provincial policy in that area, plus a secretariat on Science Research and Development. The Council and the secretariat naturally come under the wing of the expanded ministry.

Counsellor Joins Staff

Students and prospective students looking for guidance and pointers on career and course planning are getting acquainted with a new member of the College counselling staff, Maria (Mia) Gordon.

Ms. Gordon works in the office which has been occupied by Nadia Olafson, counsellor at the College for several years and currently on a year's leave of absence.

Ms. Gordon is herself on leave status from School District 24, where she has served for some 12 years as teacher and later as counsellor. Her most recent post was as counsellor at Brocklehurst Junior Secondary School.

The change from Grade 10 counselling to post-secondary is not so drastic as it might appear, she points out. Career prospects and possibilities are very much a concern of



MARIA (MIA) GORDON

students who are about to enter senior secondary and must make course decisions which will point them in a definite career direction.

The major difference, she notes, is that the junior secondary counsellor works a great deal with parents, whereas at College the relationship is with the student alone.

"I'm certainly enjoying dealing with adults as well as recent high school graduates," says Ms. Gordon. "At the moment (January), most of the problems have to do with course selection and career orientation. The 'crisis' cases are the exception. But I'm experienced in that area as well, if and when the need arises for any student."

While at Brocklehurst, Ms. Gordon took the lead in organizing and leading parent study groups, and is still involved in that type of outside activity.

But she finds that the leisure activities which get her away from telephones are helpful in bringing her back to her interviews refreshed and ready for students' problems. These activities include golf and skiing, and particularly flying. She no longer owns her own plane, but is an active member of the Kamloops Flying Club.

Ms. Gordon came to Kamloops from the Lower Mainland after receiving her Bachelor of Education degree from UBC. She began by teaching English and physical education, then worked into remedial reading and special education. Called on to help with counselling, she moved full-time into that field three years ago, concurrently working on her Master of Arts degree in special education. She received that degree in 1976.

School Staff To Visit

The College will be host to groups of visitors from two of its component school districts in the near future.

A party of 58 teachers and administrators from the Merritt Secondary School will spend most of Friday, February 9, learning about the College at first hand.

They will first be welcomed at an orientation session in the Board Room and then will break up into manageable groups for a tour of the classroom, laboratory and other facilities. After a luncheon in the College cafeteria, individual teachers will be free to visit classes and talk with faculty members in the subject areas which interest them.

Tours of this type are available to secondary school staffs on request, although few have taken place. The latest visiting group of this nature was from NorKam Senior Secondary School.

A week later, on February 16, the College will welcome the members of the Board of Trustees of School District No. 29, from Lillooet. They will meet with College administrators and chairpersons in addition to inspecting the campus.

the social-adjustment area; Alan MacKinnon, human development; and Madryga.

All three teach the broad-based first-year University Transfer course, Psychology 111-121, plus second-year courses in their specialties. There are also specially-designed courses for students in such career areas as nursing, various social services and corrections officer training.

Fitness Figured

What's your vital capacity? How about your oxygen uptake? Your grip strength? In other words, what physical shape are you in for your age and height?

Physical Education Instructor Barry Dunkley can answer those questions for you, after you perform a few simple maneuvers which add up to the Cariboo College Fitness Appraisal. It's a series of measurements based on long experience in Sweden and elsewhere.

And it's available for the asking to Cariboo students. Also, by special arrangement, Dunkley and a team of four students from Physical Education and Leisure and Recreation programs have taken the necessary apparatus to high schools in the Kamloops area.

The equipment they use includes a spirometer, which measures lung capacity; a caliper for revealing the presence of fat as shown in skin folds; a hand dynamometer, or squeeze handle; measuring sticks; and the stars of the show, exercise bicycles (bicycle ergometer).

And after going through the required paces, the "client" has a chance to examine the significance of his or her performance and see how the results compare with those of people in a similar age group. Dunkley interprets anything that is not clear, and suggests a program of exercises to achieve the desired level of fitness.

"But we don't think people should try to make radical changes in their lifestyle," he remarks. "In practically all cases, you can improve your general fitness and get better performance from your body through regular but simple exercises tailored to your particular needs."

The College's fitness appraisal is modelled on similar programs that have been successful elsewhere. A medical advisory committee of three Kamloops physicians, including a cardiac specialist, keeps in touch with the Cariboo program.

Appointments for the test can be made by telephoning Dunkley at Extension 312 or by calling at his office in the gymnasium.

Banking Job Talks Start

Although the current 24-week course in Banking and Financial Services runs until the latter part of March, bank representatives will start interviewing the students as early as February 20, according to Instructor William S. Brown.

People from the Bank of Montreal will visit the College and get acquainted with prospective employees in the class. Other institutions are expected to follow this example, Brown said.

A new 24-week class will get under way March 26. The course, for which enrollment is limited, covers a wide range of financial services which an employee of a bank, credit union, trust company or similar institution must be familiar with.

Measuring Oxygen Uptake



A BICYCLE BUILT for fitness testing doesn't go anywhere, but it helps Physical Education Instructor Barry Dunkley find out how well Student Ginny Paulson makes ef-

ficient use of the oxygen her system takes in. The bicycle ergometer is one of the devices Dunkley uses in evaluating physical fitness.

How Appraisal Works

Here is what happens when you present yourself for the Cariboo College Fitness Appraisal:

First, you take a few deep breaths and then exhale the last one into a tube leading to a spirometer. It's a simple-looking device which tells how much air you have expelled. "Vital capacity" means your total lung capacity minus the residual volume of air which the lungs always contain. In other words, the maximum amount of air you can inhale and exhale. Your "score" is compared with the average for your height group. If it's below that average, you're certainly not using the full capacity of your lungs. Athletes in training, on the other hand, frequently register up to 120 percent of average.

Next, Barry Dunkley picks up a larger caliper and measures six folds of skin at different locations on your body. By means of a standard formula, he converts the data into a percentage-of-fat figure. For males in the 16-to-30 age group, the optimal range is 8 to 12 percent, but the average runs between 10 and 15 percent. For young women, 16 to 22 percent is optimal, with the average ranging from 21 to 28 percent.

Now you move to the stationary bicycle, officially the bicycle ergometer. This is the heart of the test (no pun intended). Here you demonstrate what the physical education specialists call your maximum volume oxygen uptake; in other words, the ability of your body to absorb oxygen and use it efficiently, in still other words, the efficiency of your cardio-respiratory system.

PEDALLING WITH A WORKLOAD

The bicycle is adjusted to a "workload" appropriate to your vital capacity and to other factors, such as your exercise pattern, and you start to pedal. At one-minute intervals Dunkley checks your heartbeat rate with a stethoscope; it will start slowly and then increase until, after four to six minutes, it levels off. This level heart rate is then calculated in conjunction with factors such as your age and the "workload" you were "carrying"; and the figure emerges as so many millilitres of oxygen absorbed and used per minute per kilogram of body weight.

Again, it's a matter of averages. For a woman of 20, for example, the average range is 35 to 43 millilitres. Unfortunately, most students register in the "somewhat low" or even "low" range, Dunkley finds. Relatively few hit the average, except those who follow a regular fitness program.

The next phase is a measurement of your strength: first, your grip in kilograms, testing both the dominant hand and the other.

Then come the calisthenics: chin-ups, dips, set-ups (timed), broad jump, and hanging from a bar with arms flexed. Finally, there are tests for flexibility of shoulders and back.

Metric Courses Go On

The short courses in metrics described in the January 11 issue of the "Chronicle" are going ahead at full speed, with a series of specially tailored sessions on tap for the rest of February and into March, according to Chris Price, coordinator for the Department of Continuing Education.

Instructor John Whittle continues working with carpenters and mechanics groups in February, to be followed by workshops for

electricians and then school teachers. In early March he presents the course for City of Kamloops firemen.

Mrs. Myrt Marcellus of the Business Department continues meanwhile with numerous sessions for homemakers not only at the College but also in Logan Lake, Westsyde and Clearwater. She also has a special workshop for secretarial workers and for Kamloops City employees among others.

Egypt Tour Class Filled

Anthropology 177, the Study Tour to Egypt is now full and a waiting list has been established. Program Coordinator Chuck Mossop said that the response to the course has been excellent and all arrangements have now been made for the 25 participants.

"We are accepting people on a waiting list, in case other places become available," Mossop added. After a short series of pre-travel seminars and lectures the group leaves for Egypt on April 22, returning to Kamloops on May 11. While away, the students will see many things of interest such as the Pyramids, Sphinx, the Aswan High Dam

and the vast ruins of Luxor and the Valley of the Kings.

Mossop also noted that places remain open for the College sponsored Tour to Mexico in July. Like the Egypt group, this Tour will specialize in the ancient civilizations and cultures of the areas to be visited, and the group will spend time in Mexico City, Merida, Chichen-Itza, Oaxaca and several other places of interest. The cost of this Mexico Tour is \$1,350.00 and full details on travel and registration can be obtained from Mossop at Cariboo College.

Dr. Arnoud Stryd, Archaeology instructor, will conduct both tours.

Just Arrived!

Come in and look over a selection of

CARIBOO COLLEGE JACKETS

In Navy and Maroon, of course and now White as well Thermal Nylon Lining

\$31⁹⁵

at your

BOOKSTORE

Just off the Student Lounge

Friendly Reminders

1. Please keep the office of the Registrar informed concerning:
Address changes

Changes in Credit or Audit Status (deadlines as for course changes)

Course and Section changes

2. Apply for a certificate or diploma if you expect:

To complete a Career, General Studies or University Transfer course this semester.

3. Remember to keep your copy of your Registration and Fees form as a receipt for income tax purposes.

Good luck with exams and best wishes for a successful semester.

From

A.J. Wilson, Registrar

P.G. McKee, Administrative Assistant

Communication Nerve Centre



TWO LINKS in the phone chain. Ever wonder what happens when you call the college, or when you call out? A complex communications link is serving you.

The college is tied into the Kamloops phone system through a GTX 400 switchboard. This system, which uses electromechanical switching, allows callers access to a total of twelve "trunks" or lines into the college and these in turn serve approximately 150 locals within the complex. According to B.C. Tel's Dave Pallot, the P.A.B.X. repairman who services the college's phone system, the system is the second largest private switchboard in Kamloops.

Evening receptionist Pat Woodhouse is the lady you hear when you place a call to the college after 4 p.m., but the maze of relays in the phone room, shown with Dave Pallot is what makes your call go through. The current system, installed in 1975, still has room for another 50 locals and a considerable number of trunk connections.

Career Day For Secretaries

"What it's really like out there" in a secretarial job will be described for Secretarial Arts students on February 21 by a panel of "experts" — all of them graduates of the College's program for secretarial training.

Secretarial Instructor Pat Burton, who arranged the two-hour career session, says she did so with the object of providing first-hand information about various types of work in relation to the course work of the College.

Accordingly, about ten former students who are now at work in legal, medical, government and business offices will explain what secretarial skills they use.

For B.C. Winter Games Help:

It's Volunteering Time

A call for volunteers to tackle various jobs in connection with the College's role of providing board and room for some 450 athletes and coaches participating in the B.C. Winter Games at the end of February and beginning of March has been issued by the campus committee concerned.

Acting Principal Leo Perra, chairman of the College "host" committee, estimates that up to 2,000 man-hours of volunteer time will be needed in the areas of Food Services, Accommodation and Security. Students, as well as faculty, support staff and administrators, are welcome to volunteer, he said.

"Accommodation" includes the jobs of unpacking and setting up, and eventually repacking, the 450 Army cots which will occupy all available classrooms, the College gym and the student lounge. College Plant Manager Gordon Barrett and Buyer Chuck Kane are in charge of accommodation arrangements.

The cots will arrive on Wednesday, February 28, first day of the mid-semester break, when all classes except those in the Vocational Division will be suspended for three days. They will be shipped out again on Sunday, March 4.

Gary McKee, Assistant to the Registrar, who is responsible for security and information services, needs volunteers for those purposes.

Finally, Food Services, although staffed to some

extent by students in that area, will need additional volunteer help to ensure that the two meals a day which the College is furnishing its guests will be served as smoothly as possible.

In addition to housing and feeding some of the participants, the College is also

Where to Sign Up

Those who want to volunteer their services for the College's contribution to the B.C. Winter Games February 28-March 4 can do so by leaving their names and telephone numbers with Dian Aylwin at the Student Services reception desk in the main building.

The names will be turned over to Adult Basic Education Chairperson Reg McNamara, who has assumed responsibility for staff deployment. Student volunteers may also contact McNamara directly at Room 150 or Extension 270 or 391, while faculty are asked to list their names with Barry Dunkley at Extension 312.

Cafeteria 'Drafted'

Reminder to those Vocational students and College staff, including volunteer workers, who will be on campus during the Winter Games: bring your lunch on Thursday and Friday March 1 and 2.

That's because the Food Training unit will have its hands full cooking and serving meals in the cafeteria for 450 visiting athletes and coaches. They may be able to provide sandwiches for campus "regulars" but that's about all.

University Transfer and Careers classes have been cancelled for three days, February 28-March 2, constituting the mid-semester break. Those Continuing Education classes which meet on campus are also cancelled, but not those which meet at other locations.

making its gymnasium available for some of the sports events including gymnastics, badminton, racquet-ball and squash.

Sports Roundup:

4-West Climaxes Year

By **TERRY BANGEN**
Cariboo College is looking forward to hosting the 4-West Championships, March 8-10, in two sports, volleyball and hockey. This is the first time that Cariboo has had the

opportunity of hosting a 4-West event.

The Chiefs' hockey team has received a berth in 4-West since there is no Totem Conference league this year. This presents a problem in that Cariboo has lacked a good competitive schedule. Results in the recent Molson's Tournament showed the disadvantages of this situation. The Chiefs have therefore been working hard since the tournament in an effort to overcome their problem.

Alberta has been the perennial power in 4-West hockey, winning the past three years in a row. Saskatchewan gave them a tough game last year, and Molson's entry, Notre Dame College from Wilcox, showed promise. Manitoba's representative will more than likely be Red River College of Winnipeg, which managed to best Cariboo in the consolation final of 4-West last year.

Games go on Friday, March 9 at 5:00 p.m. and 8:00 p.m. in the Sports Centre. Saskatchewan and Manitoba square off in the first game, with Cariboo and Alberta matched in the feature. On Saturday, losers play in the consolation game at 5:00 p.m. and winners advance to the Championship Final at 8:00 p.m.

The Chiefs presently have a 14-11-1 record with upcoming games as follows:

Sat. Feb. 10 and Sun. Feb. 11 vs. Juveniles, 7:15 p.m. at Valleyview and 8:45 p.m. at Sports Centre.

Fri. Feb. 16 at 8 p.m., Sports Centre, vs. Juveniles.

Sat. Feb. 17 at 8 p.m., Sports Centre, vs. Edmonton.

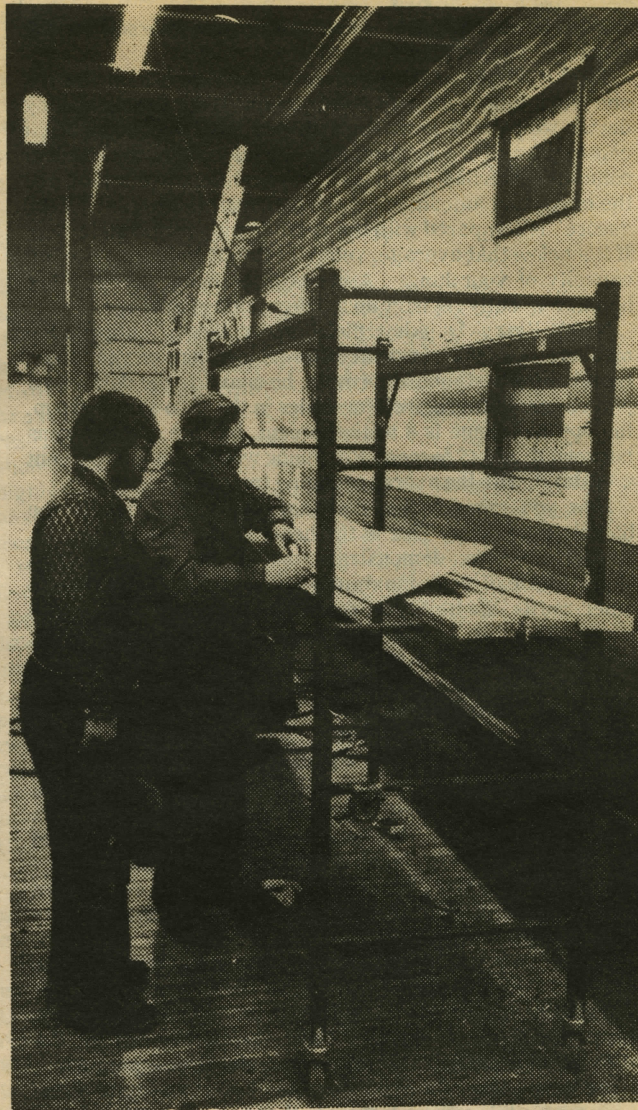
Sat. Feb. 24 at 8 p.m., Sports Centre, vs. Merritt.

Sun. Feb. 25 at 12 noon, Valleyview, vs. Old Timers.

Fri. Mar. 2, and Sun. Mar. 4, to be announced.

(CONTINUED ON PAGE 7)

Look! A Classroom



CONVERTING an old house trailer into a mobile classroom was one project of the current pre-apprentice Carpentry class recently.

Instructor Harry Mather is showing Student Dale Porterfield (left) how to prepare a window space for the installation of the frame.

Pick Your Recreation

A number of recreation events are scheduled on a regular basis at the College. Come on out and participate - have some fun!

Mondays	12-1 p.m.	Volleyball - gym
	5-6:30 p.m.	Gung-Fu - gym
Tuesdays	12-1 p.m.	Free - gym
	5-7 p.m.	Curling - Sports Centre
Wednesdays	12-1 p.m.	Floor Hockey - gym
	7-10 p.m.	Free - gym
Thursdays	12-2 p.m.	Shinny Hockey - Valleyview Arena
	12-1:30 p.m.	Gung-Fu - gym
	12-2 p.m.	Free - gym
	12:30-1:30 p.m.	Yoga - gym
Fridays	12-1 p.m.	Frisbee Football - gym
	5-7 p.m.	Badminton - gym

Sign up for any of the above in the Campus Recreation Booth at the bottom of the Cafeteria stairs - at noon or in the gym concession, or just show up!

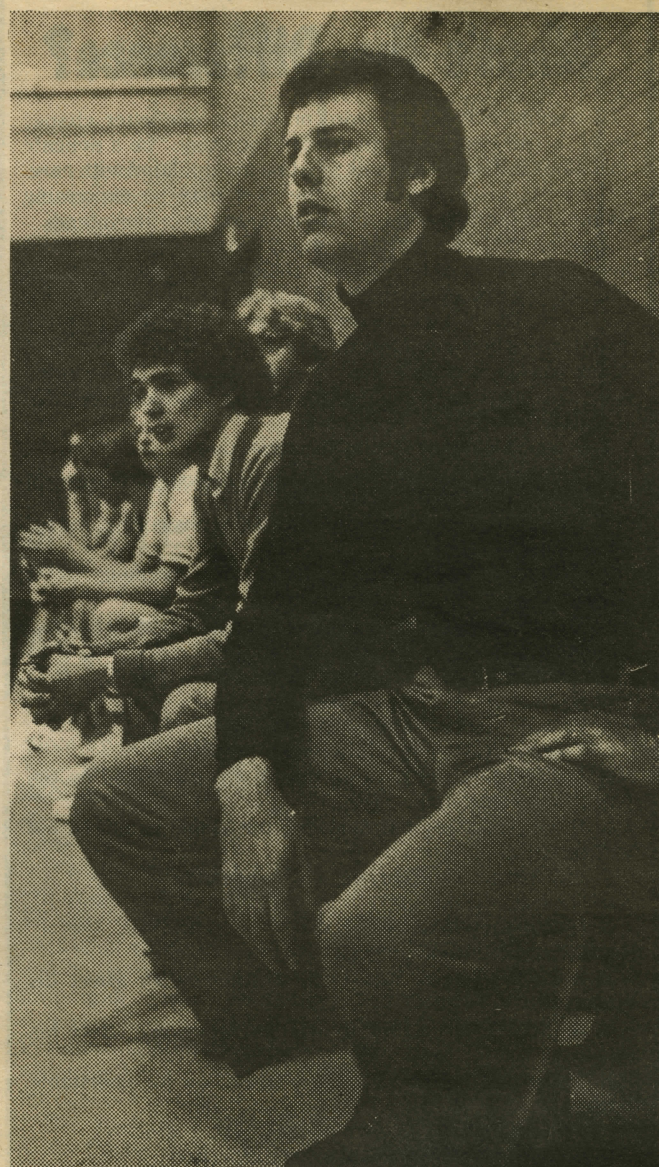
Undefeated Chiefs Ready for VCC Test

BOTH VANCOUVER Community College and Cariboo College head into action this weekend (February 10-11) undefeated in Totem Conference Basketball play. The winner of the weekend series at the Cariboo College gymnasium will likely finish in first place in the Totem Conference representing B.C.'s community colleges and will host the basketball playoffs March 2 and 3.

To date the Vancouver club has relied heavily on their strong offensive capabilities, averaging 80-90 points per game. At home, the Cariboo College Chiefs owe most of their success to a hard-nosed man-to-man team defense. Friday and Saturday's

games are likely to be classics with a highly tuned offensive squad attempting to score against a well-disciplined defensive team.

That the Chiefs don't restrict themselves to defense is apparent from the photo below, which shows an airborne Grant Wilson of Okanagan trying vainly to block a pass from Ron Nash to his brother Reg. Cariboo won this game 60-46. Photo at right shows the intensity of the mentors' concentration; Coach Al Chapple (front) and Assistant Coach Chris Price watch closely as their Chiefs win their tenth straight Conference game.



Sports Roundup:

4-West Climaxes Year

(CONTINUED FROM PAGE 6)

VOLLEYBALL

The Volleyball squads recently competed in the first interior Totem Conference Tournament. The men finished an encouraging second with the women ending up a disappointing third. The women's team also participated in a tournament the weekend of February 2-4 in Vancouver in an effort to improve their play.

Two interior tournaments remain on the schedule at Okanagan College and College of New Caledonia. The top two finishers in the interior division advance to the Totem Conference Championships. The top two teams from Totem will then go into the 4-West playoffs. Cariboo, as host, therefore, must earn its

spot. We are hopeful that at least one of the Volleyball teams will gain a spot in 4-West.

OTHER SPORTS

BCIT, in Vancouver, is hosting the 4-West playoffs in Badminton, Curling and Basketball. Kim Martin's ladies' curling rink of Cariboo is participating in bonspiels in Merritt and Ashcroft to sharpen skills for the Totem Championships in Prince George, February 16-17.

A men's singles and doubles team will represent Cariboo in the Totem badminton playoffs, February 24-25, at BCIT.

Basketball teams at Cariboo are doing extremely well to date, particularly the Chiefs, who are undefeated in league play with a 10-0 record. The Gold Rush had an undefeated season until the February 3-4 weekend, when they were subdued in two games by Okanagan.

The Chiefs are looking forward to next weekend's (February 9-10) home games against powerful Vancouver Community College who have won Totem, 4-West and National titles in the past. The top four finishers in Totem Conference basketball league play advance to the playoffs in the home of the first place team on the first weekend in March.

4-West champions in Basketball, Volleyball and Hockey advance to the National finals in Montreal, Quebec, on March 22-24.

A number of social events will be held in conjunction with the 4-West playoffs at Cariboo and it is hoped that students and staff at the College will lend their support to this exciting weekend beginning March 8.



WINTER 'MINI-OLYMPICS' ushered in February at Cariboo as the Campus Recreation Committee staged "dog team" sleigh races (below) and snowshoe races (left) in front of the Student Lounge-cafeteria building. Later they moved indoors for

a series of general participation activities, spread over two days, including relay races and a "javelin" toss (using straws). No records were reported broken, but the record for fun was probably at least equalled.



What's the Difference?

A comma here, a one-word or even a one-letter change there — the English language can sometime be a delicate mechanism whose workings must be manipulated with care. Otherwise, in certain cases, the user may be expressing something far different from the meaning he or she intends.

English teachers strive in many ways to get this point across, but perhaps the series of choices offered in the "Does it make any difference?" items will do it by cleverly worded questions. The items have recently been turning up in faculty mailboxes whenever English Department Chairperson Ron Miles has an announcement to make about a forthcoming special event. He utilizes the space at the bottom of the page to broadcast such tidbits as these:

1. In which case has the dog the upper paw?
 - a. A clever dog knows its master.
 - b. A clever dog knows it's master.
2. To which question are you justified in answering, "She's a lousy photographer"?
 - a. What do you think of Margaret Trudeau as a photographer?
 - b. As a photographer, what do you think of Margaret Trudeau?
3. Which might be grounds for divorce?
 - a. My husband likes golf better than I.
 - b. My husband likes golf better than me.
4. Which judge seems to be a philanthropist?
 - a. Having paid my parking fine, I was dismissed by the judge with a reprimand.
 - b. Having paid my parking fine, the judge dismissed me with a reprimand.
5. Which dog is definitely not a bloodhound?
 - a. The dog smells bad.
 - b. The dog smells badly.
6. Which did the doctor order?
 - a. A large glass of brandy at this time may affect his recovery.
 - b. A large glass of brandy at this time may effect his recovery.
7. Who will be able to claim a deduction for charitable contributions?
 - a. He's done good with the money he inherited.
 - b. He's done well with the money he inherited.
8. In which case was Joe trying to cash in on his father's prominence?
 - a. Joe flouted his father's authority.
 - b. Joe flaunted his father's authority.
9. In which case is the menu entirely superfluous?
 - a. All of the dishes listed on the menu are not available.
 - b. Not all of the dishes listed on the menu are available.
10. In which did the sharks have a picnic right on the beach?
 - a. When the old fisherman in Hemingway's *The Old Man and the Sea* got to shore, the marlin was completely devoured by sharks.
 - b. When the old fisherman in Hemingway's *The Old Man and the Sea* got to shore, the marlin had been completely devoured by sharks.
11. Which might have resulted in an embarrassing situation?
 - a. The butler stood by the door and called the guests names as they arrived.
 - b. The butler stood by the door and called the guests' names as they arrived.

(TO BE CONTINUED)

Grownups Are 'Schoolchildren' Here



SAFETY WITH A SMILE is Pat Alcorn's policy as she escorts two homeward-bound

Cariboo students across the busy Columbia-McGill intersection. Officially

responsible only for the pupils at Beattie Elementary School, Mrs. Alcorn takes College

pedestrians, including faculty and administrators, under her wing as well.

Crossing Guard is Intersection Boss

Pat Alcorn is perhaps the only school crossing guard in British Columbia who sees to it that college students - and even faculty members - make it safely across a busy intersection, as well as the elementary school youngsters she is officially responsible for.

For the past four years Mrs. Alcorn has been stationed at the McGill Road crossing of Columbia Street, which places her directly on the route of the children who have to cross heavily-travelled Columbia enroute to and from Beattie School, and likewise on the route of Cariboo College people living in the Sahali area.

CLEARLY IN CHARGE

And for the past four years she has endeared herself to all concerned by her brisk, no-nonsense, but friendly treatment of pedestrians and motorists alike. Both the

sharp whistle note she blows to take command of the intersection and the cheery nod with which she signals the turning motorist to proceed are unmistakable.

"Run straight across, now!" she admonishes a dawdling eight-year-old, northward bound toward home, then, turning to a Cariboo student crossing toward Sahali, she inquires how the weekend or the day's classes went.

They're all of them her "children", even though she has two sons attending university and a daughter at Sahali Junior Secondary. Many who have moved out of her protective sphere have come back to pass the time of day when they have the chance - though never at the expense of the immediate business of controlling the intersection in the interests of the children's safety.

The procedure seldom varies. In the afternoon, for example, as the youngsters straggle out of Beattie School toward the intersection, she collects them into a manageable unit and then, as the light facing Columbia Street turns red, she sounds her whistle and smartly marches them part-way across, at the same time holding out her "Stop" sign and facing the traffic.

Then, suddenly, seeing out of a corner of her eye that the little ones are safely on their way, she turns and darts back to the sidewalk with her smile and nod to the motorists. Occasionally an over-eager youngster tries to attach himself to the rear of the group going across, only to be stopped short by a sharp "Wait, now! The hand's up!" Thus they learn to cross only on the "walk" indication.

A NICE BUNCH

Mrs. Alcorn took the job, and keeps it, because she likes both the young people and the outdoors. Of the former, including the Cariboo students, she says, with her Welsh accent (tinged with Scottish),

"I like them all. They're a nice bunch."

Born in Wales, she came to Canada from Scotland in 1966. She and her family moved to Kamloops from Prince George four years ago, and within a month she was on the job at the school crossing.

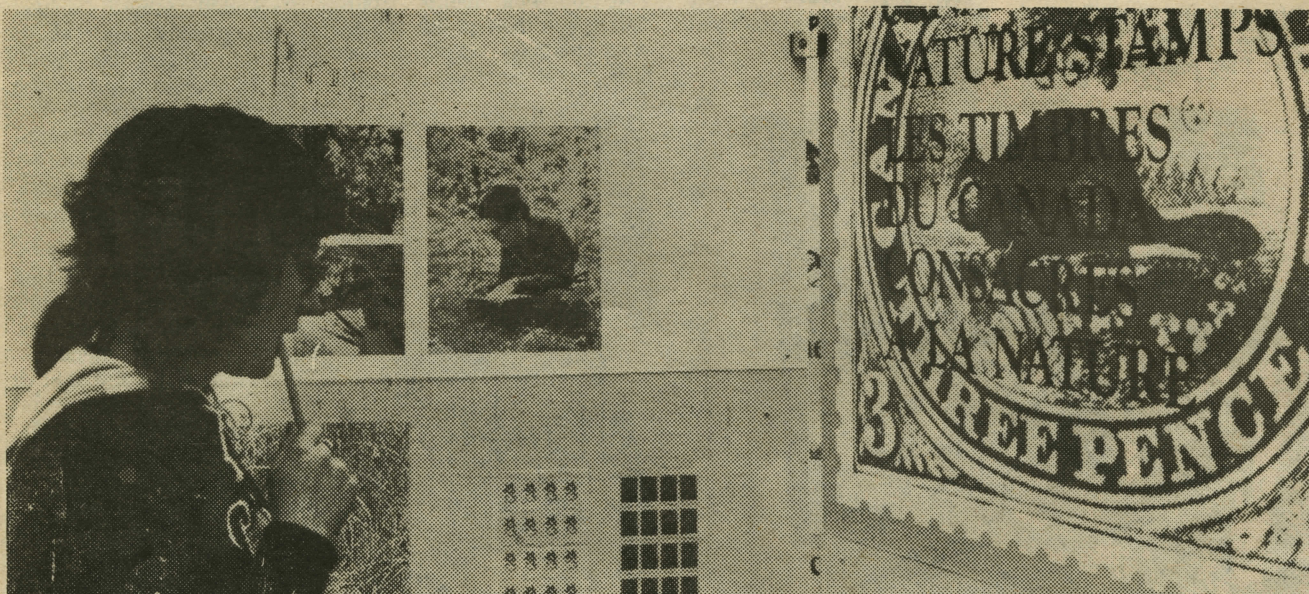
"I've never missed a day yet," she asserts. "And I don't intend to. If I weren't there, I'd be worried sick about the little dears."

Mime Slated On Noon Show

Michael Cooper, mime, will present a demonstration of his art in the College Board Room on Thursday, February 22, as part of the Cultural Events noon-time series which has been going on throughout the college year.

Also scheduled in the series is the Pacific Ballet Theatre, which will perform on Thursday, March 15 — except that at that time the locale will be the College gym.

Stamps Help Teach Biology



THE WORLD OF NATURE as a theme for Canadian postage stamps - Canadian landscapes, plants and animals as "models" for stamps of various denominations - has been the subject of a natural science exhibit at the Cariboo College Library during January and the early part of February.

Six large free-standing

panels, arranged in the reading area, showed the wide variety of stamps, from 1851 to the present, in which some aspect of nature, including those depicted by the Group of Seven painters, is featured. In the photo, Patsy Grey is examining one of the beaver stamp reproductions.

The next in the series of

science exhibits from the National Museum of Natural Sciences will arrive at the College in late February and remain until March 18. Entitled "Old Four-Legs", it depicts the coelacanth, a lobe-finned fish which has been around for millions of years and which may have been a key factor in evolution.

This "living fossil" exhibit

depicts in nine panels the discovery of the coelacanth in 1938. It also includes a realistic cast of the fish and photographs of actual specimens.

The last of the Winter-Spring series of displays will be available beginning in late March. Its subject is the Babine Lake Mammoth.

Important Dates

Winter Semester

1979

Mid Semester Break **February 28 to March 2 (Revised)**

Lasts Day for individual course withdrawal (complete withdrawals still possible) **March 9 (revised)**

Examinations **April 17 - 28**