

'Helping to make Alberta strong'

by Pat LaForge

Welcome everyone, to our open arms. We want you, and after you see what NAIT has to offer, you will be most interested in us.

It certainly is a thing of pleasure to see the whole institute out in flying colors. Electronics, Industrials, Business, just everything that you could imagine is on display. The great examples of how NAIT students fit so perfectly into every section of the community.

This is my second year as a student at NAIT. Even after that period of time, many of the superb qualities of each Technology are still Greek to me.

I am sure that when someone looks at our little warehouse from the outside, they think "how could anything of significance be going on in there". Boy are they mistaken! We may look small. But on the inside we are big, big, big! I suppose NAIT could be



compared to a bee-hive or an ant-hill. From the outside it looks so tiny and insignificant.

But I'm sure that it wouldn't take long on the inside before you changed your mind. The same applies here at NAIT. Before I came here I new little and cared little about it. Let me tell you, after being here for sometime, baby, I am still amazed.

Many may say that we lack the showmanship and glitter of other post-secondary institutes. It's true. But, whatever we lack there, is doubled in other areas. Such as our 90% plus employment figures for graduates. I am sure you can see how important that is.

I am most grateful that I attended such a fine institute and while you are on campus March 15 & 16, there is no doubt that you will want to be first to fill out an application form.

Have a look. We're for you!

OPEN HOUSE NUGGET 1974

NAIT excels in 4-West

College champions in three competitions were decided this past weekend, in the first half of the 4-West Championships.

Red River College in Winnipeg, Manitoba, hosted finals in badminton, curling and basketball.

Alberta athletes took top honors in men's singles, doubles and mixed doubles in badminton, mixed curling and men's basketball.

Phil Murray, from Leth-

bridge College, grabbed the men's badminton singles, NAIT's Ken Kosak and Byron Gray easily won the men's doubles and Camrose College's mixed doubles pair, Chris Glendenning and Francis Tay, swept their category. All three teams were undefeated in the double round-robin tournament.

Marilyn Miles and Faith-Ann Dohm of Vancouver City College took the women's doubles, losing one match, and Carey Holloway

of Cpailano College in B.C. was undefeated in the singles event.

Steve Pelech, from NAIT, took the mixed curling crown for the second straight year, in a 4-3 playoff game over B.C. Caribou College. Both teams compiled 4-2 records forcing the sudden death.

The women's final was also determined by a playoff, Red River College's Donna McKinnon defeating Saskatchewan Technical Institute from Moose Jaw, 7-6.

Rod Erickson of College of New Caledonia in Prince George gave B.C. the men's title, with a 4-2 record.

Lethbridge Kodiaks growled to a 69-68 decision over Vancouver College Falcons in men's basketball; the Vancouver squad's female counterparts downed Red River College Queens, 48-27.

Red River College took both the consolation finals, defeating Saskatchewan's Kelsee Institute 88-47 in the men's competition

and a 48-44 victory over Moose Jaw in the women's event.

Kosak and Gray looked slightly out of place in the Badminton competitions. Kosak, at 5'10" and Gray, at 6'3", towered over their opposition in a sport usually for shorter people. Gray covered the net superbly, and Kosak's deadly smash was almost impossible to return.

After losing two out of three in Friday's games, Pelech's

mixed rink had to win three straight on Saturday to force a playoff.

After disposing of Manitoba 9-1 and B.C. 5-3, he threw perfect draw weight on his last rock in the sixth game, against Saskatchewan, and broke a six-point tie. That gave him a 7-6 win and another shot at B.C. in the sudden death playoff.

Some fine curling by third Carol MacDonnel played a large part in the Alberta win.

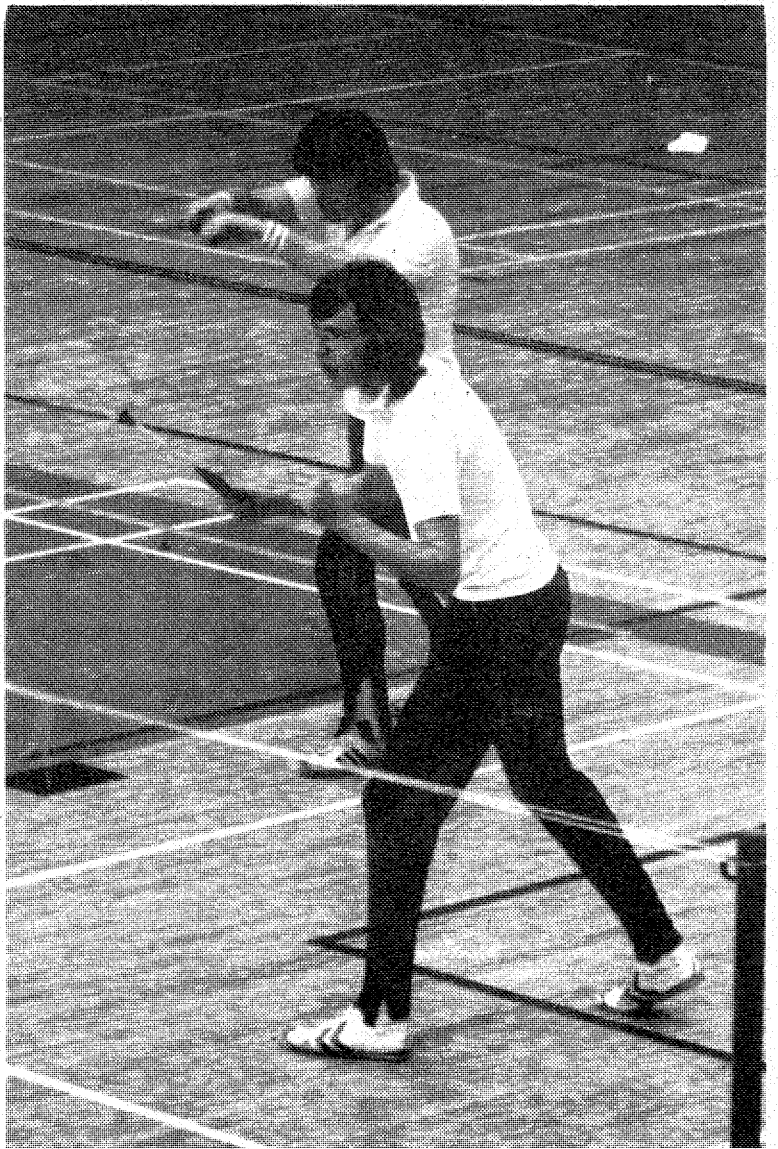


Capital grants for colleges

Advanced Education Minister Jim Foster has announced that he will recommend to the legislature in the Spring that \$10.6 million be allocated for capital grants to the six public colleges in the fiscal year beginning April first 1974.

As much as \$6 million of the total amount will be required to cover the program of expansion anticipated by Grant MacEwan Community College, Edmonton-\$254 thousand; Grande Prairie Regional College - \$199 thousand; Lethbridge Community College - \$334 thousand; Medicine Hat College - \$186 thousand; Mount Royal College, Calgary - \$484 thousand; and Red Deer College - \$284 thousand.

Mr. Foster indicated that \$10.6 million provides for some minor construction projects and site development which arise during the fiscal year.



commissionaires

OPEN HOUSE PARKING
Friday, March 15
Saturday March 16

During the Open House days the parking in and around the NAIT complex will be controlled by commissionaires and the volunteer students.

In order to inform students and staff who will be attending and possibly showing some of their guests the various attractions, the following information on parking is presented.

The far North lot - north of 118 Avenue, will be closed off until 0900 hours each morning. The reason for this action is to ensure guests can park when they arrive.

All reserved, numbered stalls will be used ONLY by renters on Friday, the 15th.

All reserved, numbered stalls will be on a first come, first served basis on Saturday, the 16th.

NAIT students will be able to help control the job of keeping the normal areas - in and around the institute - clear by assisting guests who ask for parking information.

NAIT students, should they care to help, can assist in the prevention of motor vehicle tie-ups by ensuring they avoid dropping off and picking up passengers in the main (106 Street) parking lot by using the lane on 106 Street for this purpose. Avoid parking where a build-up will prevent loading or unloading of trucks and vans. Avoid parking in fire lanes and restricted parking areas. Although the walk from the far south (south of Princess Elizabeth Avenue) lot is a fair distance - co-operation will be required of all students to use this parking area on these days. This will aid in making the Open House a success.

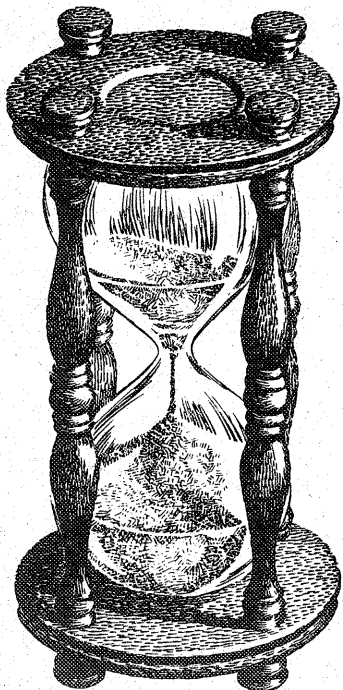
City of Edmonton, Police, will be cruising in and around the NAIT perimeters. They will be on the ready to heed any calls from the commissionaires and volunteer parking students. Care should be taken when parking in the streets east of the Institute. Respect the street parking signs.

Remember - ask a commissionaire for the proper parking location.

Remember, the Institute speed limit is 10 MPH in and around all buildings and parking lots. Speed could be fatal when guests are looking around in unfamiliar areas.

So, to have a good time, all that is required is: A little courtesy and common sense... Enjoy yourself.

your time
is coming



...be ready

DEAR EDITOR:

Last Wednesday a young lady with a small child approached me in the study hall, and asked if I would have any ideas about where she could find a babysitter.

As we talked, she told me that she was a student here at N.A.I.T. and already had lost over a week of classes looking for a babysitter. Her old babysitter had quit suddenly, and she was stuck but good.

She had phoned and went down to the Welfare offices, newspapers, daycare centers, to no avail. She has no relatives here. And since she has no car, this meant traveling by bus, and of course, taking her child with her.

All this trouble could have been avoided if a day care centre

was set up at N.A.I.T. The facilities are here, money is waiting, yet no one cares. The students union council has kept very quiet about it and just about everything else.

However do you realize that the greatest welfare recipients are single parents, and that you are going to be supporting them when you are working? With a daycare center here at N.A.I.T. they can obtain training and find work supporting themselves and their families.

Also, since the children would be in a properly supervised Day-care center here, they would not be beaten, starved, or neglected, as they often are with second-rated babysitters.

Help is needed now - not next year or after. Please, its important

Diane StJean

Letters to the Editor

Dear Sir:

I am writing to express the deep concern of the Canadian Hemophilia Society over advertisements now appearing in the publications of Canadian Universities, paid for by commercial firms which offer to buy blood from students. These ads openly ask the students if they need extra money.

Our organization feels strongly that we should bring to the attention of students, through your university publication, the following facts.

The Canadian Hemophilia Society was instituted some 20 years ago, through the efforts of concerned parents of hemophilic children, because of the lack of proper treatment and knowledge at the time to control this bleeding defect by blood transfusions. The Canadian Red Cross Voluntary Blood Donor Services have supported our cause, and indeed are the lifeline of hemophiliacs. It is through their efforts in the collection of blood from voluntary donors, and intensive research in this and other countries, that our boys and men are now able to have the best available treatment, and to enjoy their rightful place in society.

Canada has one of the highest records in the world as voluntary donors of blood, the products of which are used to treat all blood disorders, not just hemophilia. In fact, hemophiliacs use only one-fifth of a blood transfusion. Our Society takes the stand that the commercial sale of blood is repugnant, and we are certain that Canadians everywhere feel the same. We are sure that Canadian students are for the most part sympathetic with the present day philosophy that some things simply do not have a monetary value. Surely today's students would be shocked if an advertisement were to appear concerning the sale of an eye cornea, kidney or heart. Is not blood an even more vital matter? Nowhere in Canada does a patient re-

quiring blood transfusions have to pay, because our hospitals are supplied through the Canadian Red Cross Voluntary Blood Services. We have been encouraged many times to note that blood donor clinics held at universities meet with great success. We are, therefore, all the more apprehensive to think that our universities might become commercial blood depots, if such advertisements are carried in their publications.

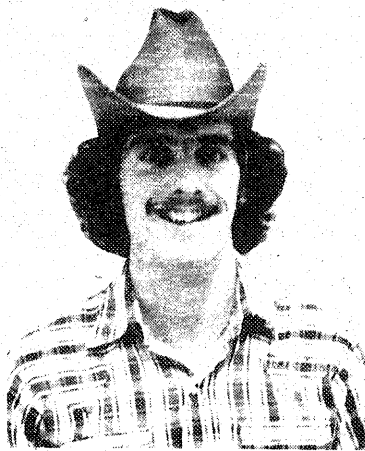
It might be of interest to you to know that where commercial blood depots exist, the incidence of hepatitis and other diseases has proven to be very much higher in purchased blood than that from volunteers. A person generous enough to give of himself would not risk concealment of a transmittable disease such as hepatitis, and so cause added suffering to the person requiring this vital material. However, a person deliberately selling his blood for monetary gain, is not concerned to reveal such information, and puts the onus on the buyer to make the discovery at a later date, and such discovery is often not possible until too late.

We know nothing of the firm or firms advertising for paid donors, or where they in turn sell the blood they but, but their business obviously comes under the category of commercial blood banking. We can only hope and pray that Canadians will summarily reject such offers, and continue to freely donate blood in respect for their fellow citizens in times of need.

We do not, of course, wish to interfere in any way with the advertising policies of university publications, but we would hope that once knowing the full facts behind ads for paid donors, the staff members might have second thoughts about accepting them, or at least feel inclined to publish the gist of the information given above.

Yours sincerely,
Mrs. C. E. C. Harris
President

pat's hat



the hat comes back

Well, between;

- not going to class
- not attending executive meetings
- not getting honors in my mid-terms
- not drinking
- and not chasing women

I have not written a couple of Pat's Hats. During my brief rest there has been plenty to write about.

BULLETS BLAZING

Maybe I haven't been sucking a few back (three nights a week) lately is because it is getting so that one never knows when he leaves the tavern whether he will be drunk or dead. I would sooner be the first and wake up feeling the latter. It is getting so that people would rather pull out a gun than pull down their pants. Which leads to another cold topic.

LAUNDRY DROPPING

Hey! Hey! What about these liberated freedom seekers. It is the greatest thing since eating goldfish but much more dangerous considering the temperatures in Edmonton. Not only the temperatures but the nasty windchill when running could cause severe frost bite to areas of ones body which are not used to such severe conditions. I suppose that you could say that "one could get his plumbing frozen." Just a simple reminder when thawing out your pipes; do

not apply heat too quickly. It could result in scars which remind me of a nasty social disease I know of.

OPEN HOUSE

Crowds hedging 40,000 will soon descend upon good old NAIT'y. A guard of a mere 300-400 will try and hold the fort. These invaders from surrounding hostile tribes will inflict these learned halls with mud, crud, and smoke not to mention walking off with everything that doesn't have a 18 inch iron spike holding it down. It really is quite a holocaust, but no one seems to care. Rather, they meet these rogues with open arms. They even promote it. The event seems to be some sort of pre-Easter penance for all those who believe in almighty NAIT'y. Can they take it under fire. Yes it truly is the ultimate test of their life in this seminary. God be with them.

GOIN'S ON

... at a recent cabaret Harry Vandervelde (Marketing instructor) was offered \$180 to "streak the place." He very firmly turned it down. Well at 6 foot 7 inches even with a garbage bag over his head, who could mistake 6 feet of legs for someone else... a grand opening, ribbon cutting ceremony will be held on March 13 to officially open the athletic building. Of course, yours personally didn't get an invite... all you prospective NAITSA Executives don't forget the chance-of-a-lifetime elections coming up. It truly is a lesson in personal motivation. And probably a lesson unequaled anywhere... I would like to apologize to DPW for my rather undeserved remarks pertaining to the athletics building. As it turns out it is not their fault at all but rather the fault of the architect and NAIT's administration for their gross negligence in planning. I should have known better. I would like to leave on one final note. After my last article about the graffiti in our washrooms the janitors washed all the walls. Well I am very pleased to report that new and even more interesting articles have taken their places. Thanks guys. It is always nice to have a chuckle while you work.



"For Your School Needs"

MITCHELL DRUGS

Phone

477-5393 or 479-0504

10430 - 118 Ave.

Art Supplies

photocopy machine available

Silverwood's

MILK CREAM BUTTER
SALAD CREAM AND COTTAGE CHEESE
A SPECIALTY

Serving Edmonton and district
for over 60 years.

Phone 422-5151

EDMONTON'S NEWEST BILLIARD PARLOR

ON THE MALL,

PARK PLAZA SHOPPING CENTER.

hours 12 am to 12 pm Sat. 10 am to 12 pm

Sun. & Holidays 2 pm to 10 pm 479-4911

Counselling Corner

making a vocational choice

An adequate vocational choice requires careful consideration of many factors before such a choice should be pursued seriously. It should be considered a personal investment which is not to be taken lightly. Many prospective students and registered students at NAIT select or transfer from one course to another without much real consideration being given to what is involved in the courses. For example, a person who selects Biological Sciences then transfers to Telecommunications after limited investigation does not have a full appreciation of the widely differing skills and abilities required. Also the decision should be made in terms of his aptitudes, abilities, interests, goals, employment possibilities, and personality temperament. One can soon realize that such a decision should not be made in a few minutes or overnight. In contrast to vocational selection, which is often done through expediency, one spends considerable time deciding about purchasing a house or car. Assuming no new occupational re-training is necessary, the average teenager will spend approximately 35 to 40 years in this occupation. Is it not only good common sense to really investigate the occupation before leaping into it?

Assuming you have a good knowledge of your capabilities and interests through your high school records and results of tests which measure abilities, aptitudes, and interests, what other factors should be considered before making your vocational choice? Some factors include:

Academic and Experience Requirements of the Occupation

- What level of education is (1) desirable? (2) absolutely necessary?
- Are the educational standards likely to increase?
- What combination of school subjects is best?
- What special skills are required? dexterity, artistic, linguistic, mechanical, social, etc.
- Is previous experience (1) desirable? (2) absolutely necessary?

Personal Trait Requirements of the Occupation

What personal traits are required? persistence, self-control, vivacity, leadership, ability to follow directions, initiative, and resourcefulness,

ability to accept responsibility, punctuality, good judgment, honesty, courtesy, and neatness.

General Nature of the Occupation

- Do the tasks and responsibilities involved mainly center around:
 - people?
 - things?
 - ideas?
- What specifically, are the tasks and responsibilities involved?
- Does this occupation encour-

- the amount of supervision provided?
- the repetitive or creative nature of the work?
- the amount of responsibility which must be assumed?
- fellow workers and management?

Monetary and Other Benefits

- What is the present supply and demand for new workers?
- What is the future supply and demand requirements?
- Is the demand for new workers



age mental growth?
d) How does society view this occupation?

Restrictions (if any) involved in the Occupation

Are there any restrictions regarding the following:
age, sex, race, color, height, weight, general physical condition, and personal appearance?

Physical Conditions Involved in the Occupation

- What are the:
- hours of work?
 - number of hours of work per week?
 - overtime possibilities?
 - holidays?
 - indoor or outdoor work possibilities?
 - physical hazards of the occupation?
 - locales of the work?

Mental and Emotional Conditions Involved in the Occupation

What mental or emotional stress might one expect from:

in the occupation better in certain areas of the country than in others?

- What income may be expected:
 - at present?
 - in the future?
- What are the possibilities of promotion?
- What type of pension plan exists?
- What degree of tenure is there?
- Are there any other benefits?

After determining what information to look for and some questions to ask, what are some sources of information? The Student Counselling Center at NAIT offers a career planning program which includes:

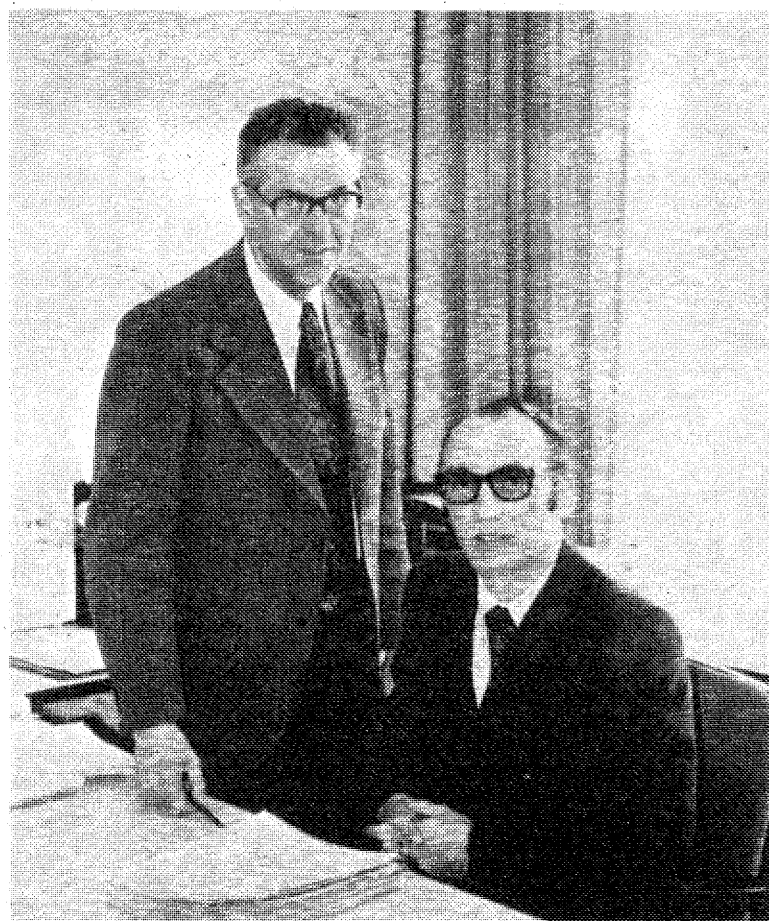
- taped interviews describing all our day programs.
- group information sessions where the prospective student can obtain more information about a specific program. These sessions are usually held between November 1 and April 30.
- arranged consultations with Department Heads regarding specific problems like credit being given for courses previously taken elsewhere.
- Buddy System--spend up to two days in a classroom observing the activities being conducted. Contact Department Head of the course of your choice.
- personal assessment of interests and abilities with a counselor.
- Vocational library--calendars from various institutions.

It is also suggested that the student:

- read articles about occupations in well-known current magazines and other publications.
- talk with people who are experienced in the occupation.
- attend career days at the various educational institutions.
- visit companies to observe the actual work situation.

In summary, vocational choice should not become an overnight decision. It requires some long term planning and evaluation by the student: he is the person who is going to be working in the occupation, not his parents, not his counselors and not his girl friend. The final decision must always be made by the student.

S. M. Checkley, Head Student Counselling Center
NAIT



Still room for you

WELCOME TO NAIT!

We are always interested in individuals who have initiative to find out about careers and do something about it. We hope that you enjoy the displays and if more information is desired, the Registrar's Department is the place to go.

ALL APPLICATIONS are received by the Registrar's Department, selections are made and notification sent out.

STUDENT RECORDS are maintained and the academic standing, good, bad, or indifferent, are recorded.

DIPLOMAS AND CERTIFICATES are issued to successful students.

Vacancies still exist in the following areas; why not check on the opportunities and apply now:

Accounting & Financial Administration
Administrative Management
Air Conditioning & Refrigeration
Architectural Technology
Building Construction Technology
Chemical Technology
Civil Technology
Coal Resources Technology
Commercial Baking
Commercial Cooking
Computer Systems Technology
Drafting Technology
Electrical Engineering Technology
Electronics Technology
Food & Beverage Service
Food Technology
Gas Technology
Industrial Heavy Equipment Technology
Instrumentation Technology
Ladies' Hairstyling

Marketing Management
Materials Testing & Metallurgy
Mechanical Industrial Engineering

Medical Dicta-Typist
Men's Hairstyling
Millwork & Carpentry
Mineral Resources Technology
Mixology
Office Machine Technician
Petroleum Resources Technology

Plastics Technology
Pre-Technology
Secretarial Technology
Short Order Cookery
Steel Drafting Technician
Surveying Technology
Telecommunications Technology

Teller Training & General Business

Initial selection for the following has been completed. Any additional applications received may be held for replacement purposes as positions become available.

Biological Sciences Technology
Commercial Signwriting
Court Reporter Technology
Dental Assisting
Dental Laboratory Technology
Dental Mechanics Technology
Dietary Technology
Electronics Technician
Forest Technology
Meat Cutting & Butchering
Medical Record Librarian
Photographic Technology
Radio & Television Arts
Veterinary & Animal Science Technician

Happiness is doing well what you do best. May we wish you every success in the future.

L. C. Semrau,
Registrar, NAIT

ROOM E219 houses the GAS TECHNOLOGY

DISPLAY

THAT OUTLINES THE
COURSE MATERIAL OVER

THE PERIOD REQUIRED FOR A

Gas Technology Diploma.

ENGINEERING SCIENCES DEPARTMENT of NAIT

CLIP & KEEP

WE WANT YOUR EMPTIES

WE REFUND ON:

- ALL SOFT DRINK CANS
- ALL SOFT DRINK BOTTLES
- LIQUOR & WINE BOTTLES
(GOVERNMENT APPROVED RATES)

HOME PICKUP SERVICE

(Note prices for this service)

10 bottle—we pay 7.
5 bottle—we pay 3.
2 bottle—we pay 1.
Beer bottles—we pay 20 doz.

HOTELS—SPECIAL PRICES

UNIVERSAL BOTTLE
& CAN DEPOT LTD.

9545 - 111 Ave. Ph. 429-2341

"The One Stop Container Drop"

"KEEP US IN MIND. A BETTER PLACE IS HARD TO FIND"

Canada Manpower Centre - Student Placement

Canada Manpower has an office on campus at Northern Alberta Institute of Technology. This office, often termed Student Placement, plays an important role in helping students and employers meet their employment

needs.

The main function of this office is to assist students in finding permanent, summer and/or part-time employment. By doing this they are assisting employers in filling their manpower requirements.



NAIT is celebrating its 10th anniversary, as is Canada Manpower on campus at NAIT.

Information on average wage rates, number of students enrolled in each discipline, labor market information and other information is available upon request. Canada Manpower can provide information to prospective students on what job opportunities are like today and what they anticipate the demand to be in the future. To the student at NAIT, Manpower offers career and vocational guidance as well as labor market information.

A Career library has been set up for the students use. This

contains brochures on many companies.

Over the years the demand for NAIT graduates has increased tremendously, in fact, in some technologies the demand for graduates is far exceeding the supply.

Canada Manpower would like to stress to the Business and Industrial sector of our community that NAIT has many well trained and capable students available each year for summer or permanent employment. The personnel needs of the employers are vital to the operation of their office. They have interviewing facilities available and

arrangements can easily be made for employers to meet students in groups or individually. The opportunity to visit and see students during their training and to contact instructors and other institute personnel can be arranged, so that employers may have full information available to use in meeting their labor requirements.

Any inquiries should be directed to Mr. Norm McLeod, Officer-in-Charge; Mrs. Pat Norberg, Manpower Counsellor or Mrs. Donna Rees, Counsellor Assistant, at the Student Placement Office, Room E-132, phone 477-4369 or 477-4370.

When Is A Book Not A Book ?

In his essay on "The Premise of Meaning", Archibald MacLeish begins with this comment:

What is a collection of books? Which can be reversed to read: what is a book in a collection? - a book to a library? - to a librarian? Is it merely the unit of collection, a more or less fungible (as the lawyers put it) object made of paper, print, and protective covering that fulfills its bibliographical destiny by being classified as to subject and cataloged by author and title and properly shelved? Or is it something very different? Is it still a book? Is it, indeed, something more now than a book, being a book selected to compose with other books a library? But, if so, what has it become?

And so, we might ask you, what is a book to you? Here, in our McNally Library these books should be very significant, for they are the very key to your future course of studies. Though other things around us may be a mystery,

those bits and pieces of experience, messages from the past, when gathered together spell out the meaning which the systery implies. MacLeish goes on to state that "the point is that without the implication of meaning, which is to say the premise of meaning, there can be no mystery anywhere. The dark is not mysterious: it is merely dark."...

But the generation the library is to serve has been raised in the belief that what matters is not the relationships which compose our lives but something very different - something called relevance - the relevance of each aspect of existence to ourselves. Not the weft and weave that surrounds us, the mystery of things, the riddle of the universe, the implicitness of meaning, but an immediate identification of each thing with each self on the assumption that there is no meaning and that only self is real.

He ends his essay with the thought that "the library remains: a silent and enduring affirmation ... that, whatever else is chance and accident, the human mind, that mystery, still seems to mean."

To find your particular "meaning" there are about 50,000 volumes to peruse, some 500 periodicals to search and the beginnings of the aspects of a learning resource center in the form of tapes.

Our location is central: we are ideally located close to other services, the administrative offices, book store, bank and cafeteria. We have one significant sign - NO SMOKING - others are there for your instruction and guidance. Library hours are posted at the entrance, a daily opening unless otherwise specified. If there is any mystery to your planned career, we hope that you will be able to solve it and, if necessary, with the aid of the Library Staff. We may not know every meaningful aspect but we will be pleased to help and direct



PREMIER'S MESSAGE

I am very pleased to take this opportunity to welcome the students and guests to the Northern Alberta Institute of Technology 'Open House Weekend', March 15 and 16.

NAIT has made important contributions to the many spheres of education within our society, and is indeed 'helping to make Alberta strong'.

I would like to extend my sincere best wishes for an enjoyable and informative weekend at Open House '74.

Yours truly,

Peter Lougheed

PRE-TECHNOLOGY

Each year a large number of people wanting a technical education do not have the entrance requirements of the technologies at NAIT. Consequently a one-year upgrading program was initiated in 1968 whereby adult students could raise their academic background sufficiently to enter a technology. In 1971 a second one-year program was started to accommodate those high school students that needed courses in Mathematics, Physics, English or Chemistry to bring them to the entrance requirements of the technologies. In the 72-73 academic year the two programs were combined with a third under the name PRE TECHNOLOGY.

The objective of Pre Technology is to upgrade the academic backgrounds of the prospective students to a level which will provide them with

a good opportunity for success in the technology of their choice. This will be done by one of three programs which have been designed to accommodate a variety of backgrounds, learning rates, and abilities.

The students who have completed the previous Pre Technology programs have achieved a high success rate upon entering a technology. It is expected that future students from Pre Technology will have a similar success rate.

If you are interested in a NAIT technology but lack the entrance requirements, think about Pre Technology. The only entrance requirement is age 17.

Upon completion of Pre Technology a student may enter one of the following technologies are:

-Air Conditioning

- Architectural
- Building Construction
- Chemical
- Civil
- Drafting
- Earth Resources
- Electrical
- Electronic
- Food
- Gas
- Heavy Industrial Equip.
- Instrumentation
- Materials
- Mechanical Industrial
- Engineering
- Plastics
- Steel Detailing
- Surveying
- Telecommunications

Entrance into a technology not listed above may be possible in special cases.

What about the details of Pre Technology? These may be obtained from the NAIT registrar.

However, a general description of Pre Technology would break it into three routes:

1. Program A: is designed for the mature student with a minimum of formal schooling and for the students that need a slower pace of instruction. Starts in September.

2. Program B: is for the student with some course credits from Grades XI and XII. The instruction rate is somewhat faster than Program A. Starts in September and January.

3. Program C: is for the student who requires credit in specific courses only. Starts at the beginning of each month.

The main courses of the Pre Technology year are:

1. Mathematics - The Math course is designed to give the student the necessary fundamental mathematical knowl-

edge which he will need to be successful in the study of his technology.

2. Physics - The objective of the Physics course is to help the student to develop his ability in using and understanding the principles of Physics.

3. Effective Communications - This course aids the student to increase his ability in speaking, listening, reading, and writing.

4. Chemistry - This is compulsory in the first quarter and provided a basic introduction to Chemistry theory and practice.

5. Orientation - This portion of the program provides an opportunity for the students to investigate the technologies with regards to course content, laboratory facilities, equipment, graduate salaries, and job opportunities.

VISIT THE TELECOMMUNICATIONS displays



Radio A171

Switching A182

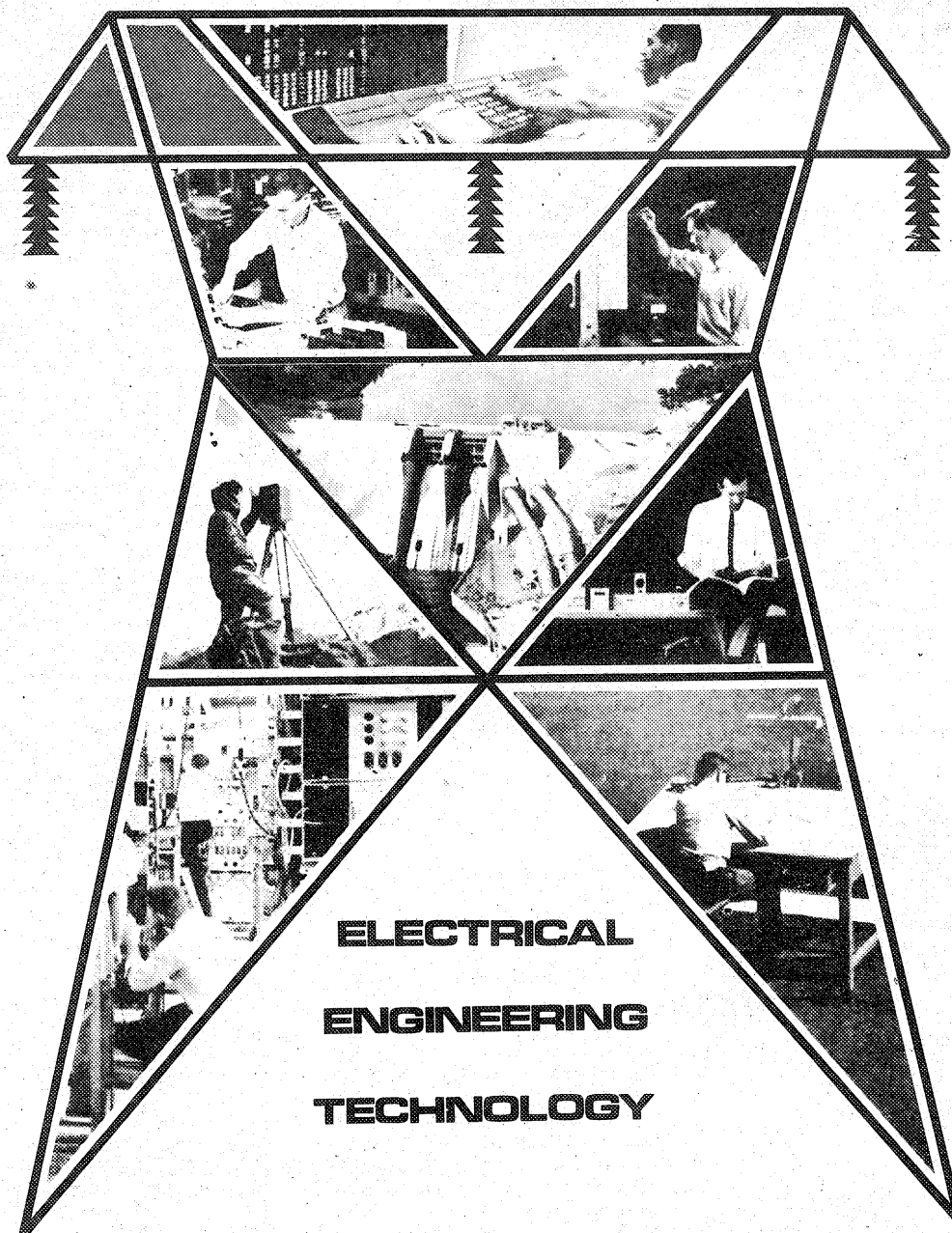
Basic A175

Computer A159

Carrier A155



Communications is our WORLD



ELECTRICAL ENGINEERING TECHNOLOGY

The objective of a technical institute is to train first class technologists.

Quite naturally, you ask what is a technologist or technician and what tasks do they perform in industry?

An Electrical Engineering Technologist is trained to apply the science of electricity and magnetism to the design, production and operation of physical plant and systems. He solves

electrical problems, makes modifications to existing plant, supervises personnel, interprets ideas into physical plant and performs non-technical tasks such as managing maintenance of an industrial plant. The actual tasks are dependent upon the industry associated with, and the particular assignment. Technicians develop special skills such as plant electrical layout, design of office lighting and electrical

systems and design of control systems.

This is not a trade school for learning manual skills but rather it is a school where you receive a background of theory in electrical technology in addition to considerable laboratory training on practical projects.

What training then does an electrical engineering technician require? The technician requires and is given theoretic-

Court Reporting Technology

The verbatim (word for word) reporting of Legal proceedings by means of a shorthand machine offers a challenging and rewarding career for both men and women. The best means of making an accurate, verbatim record of court proceedings is through the services of a skilled shorthand writer.

A court reporter is a sworn officer of the court, and must have the ability to write shorthand at 200 words per minute. Court reporters must also have a well rounded, general education with a wide vocabulary and a good knowledge of Canadian legal procedure.

cal knowledge and practical training, to help the development of engineering skills and to develop their ingenuity. By theoretical, we mean a knowledge of maths, physics and electrical methods, which form the basic tools for all electrical engineering technicians. The organization of thoughts and the ability to be able to express oneself in both oral and written English.

What is an electrical problem? This question is asked so often by tentative students; and how is a problem solved?

To solve an electrical problem often requires an adequate set of mathematical equations which relates the various elements of the problem. For example, an electric motor has applied to its terminals a certain voltage; what current will it draw from the supply? Further, the method of operation of a piece of equipment of plant, given the blueprints and wiring diagrams.

To actually solve a practical problem a technique somewhat similar to that which follows is generally adopted.

- 1) Gather all the information.
- 2) Apply the formulae.
- 3) Check your answers if possible against a working system.
- 4) Keep your work straight-forward, to the point, and easy

NAIT offers Court Reporting in a two year program that will educate students in the Canadian Judicial and Parliamentary systems; develop skills and comprehension required to record and transcribe proceedings accurately, and widen the student's vocabulary in technical, legal and medical terminology.

As there is a limited enrollment in this newly formed technology, we urge all who are interested in entering this demanding profession to register as soon as possible.

Come and see our display during Open House, located in the Main Rotunda.

to follow by other people.

The best way to understand what a technician actually does is to visit them at their job, i.e. by summer employment, or a visit to a plant or office.

What type of student generally succeeds in obtaining a diploma? Usually the background includes such things as: has rebuilt or repaired automobiles, dabbled with radio and electric motors, has built some of the electrical kits that are available, and made them work. Generally the student has a flair for "things" electrical and mechanical.

What do you require to become a student in this technology?

A High School Diploma or equivalent with 50% or better in Grade XII Mathematics 30, 32, 33 or 36 and 40% or better in grade XII Science (Physics preferred). Applicants having the 32 series in Electricity may be granted exemptions for some courses in Year 1.

Students lacking the requirements should upgrade themselves by enrolling in the one year Pre-Technology program.

If further information is desired please visit the OPEN HOUSE displays in the Electrical Engineering Technology section, where staff or students will answer your questions.

MESSAGE TO THE NUGGET

NAIT has been in operation now for ten years, and each year we have provided an opportunity for High School students and the public in general, to come in and visit with us and see the Institute in operation. We encourage everyone who has an interest in NAIT, either as a student, a parent or a prospective employer, to take the opportunity which is provided at Open House to talk with the staff and students on any aspect of the programs.

We are extremely proud of our facilities and the contribution of our staff and the degree to which the students take advantage of the many career opportunities which are available. In any year, we supply some form of educational experience to 20,000 students. Our graduates are now sought after by industry and business, and in many instances, we are unable to satisfy the market. We pride ourselves in developing programs in conjunction with business and industry so that we are attuned to the needs of both the present and the future.

We welcome your participation and trust that you will take full advantage of this opportunity to become better acquainted with us.

G. W. Carter

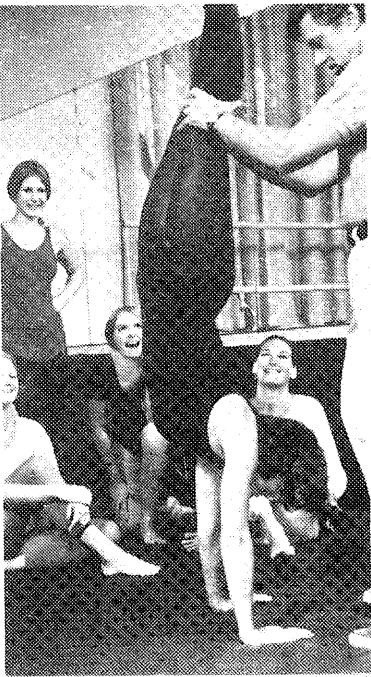
G. W. Carter,
President



Medical X-Ray

This course is affiliated with the hospitals in Alberta, and is open to both male and female individuals. Prerequisites are: a minimum age of 18, high school matriculation, with an average of 60% or more. Applications are made to the radiology department in the hospitals preferred. Acceptance or rejection is decided upon by

that hospital. The sponsoring hospitals in Alberta are: Royal Alexandra, University of Alberta, Misericordia, Calgary



Foothills, Edmonton General, Calgary General & Red Deer General.

Classes commence twice yearly, in July and December and enrollment is limited from 1 to 7 students per hospital, depending on the size of the hospital.

The course duration is 2 years starting with 2 months of Orientation at the hospital selected. Five months of theory is then taken at Nait, the other one year and five months is spent in the hospital, where you begin your hospital studies program, in which you review your theory taken at Nait and applying it at the hospital.

At the completion of two years in training a national exam is written in order to become registered in this profession. Students successful in the writing of this exam become members of the Canadian Society of Radiological Technicians.

Certification is recognized throughout all the Commonwealth countries. At the present time there is a great demand for X-ray technicians (especially males).

There is also room for further advancement.

Medical Records

Come and see the girls on the Tower's sixth floor, in Medical Records, and find out what it's all about!

This course is a two-year program and it deals with the medical record of the patient in the hospital. It also includes subjects like Anatomy and Physiology, Microbiology, Medical Terminology, Medical Record Library Science, and others.

During NAIT's Open House, displays will be set up on the sixth floor of the Tower Building and the girls (eighteen of them) will be available to answer any and all questions. So drop in for a chat; you'll be surprised at what you can learn!

Dietiticians Are Great Diets

Up until 1961 these people were called Dietary Aides instead of Dietary Technicians. In 1962 the Department of Education was approached and by 1964 Dietary Technology was included at NAIT, along with all the other courses. The course is two years long, with nine months of Practical Training in the second year. Along with this course there was a Grandmother's course in 1965, but it was discontinued in 1970.

A Dietary Technician is a working supervisor capable of assisting the Dietitian or Food Service Manager in areas such as good production, cafeteria and patient service, and prepare menus for normal and therapeutic diets in institutions and hospitals.

So you fancy being a glorified cook or possibly being able to carve a roast right? Are you a hypochondriac in disguise? Then MED LAB IS THE PLACE FOR YOU!

Such courses as:

Serology - cooking up many great recipes.

Histology - carving a roast or finding a new color to dye your hair.

Clinical Chemistry - a playground with sophisticated machines.

Bacteriology - the place for the hypochondriac; many strange and wonderful diseases are yours for the asking!

Blood-Banking - for any midnight vampires.

Urinalysis - makes you really appreciate your perfume.

Hematology - only for those who are good at counting on their toes or have more than ten fingers for white blood cell and red blood cell counts.

Whatever your fancy, be sure to come and see us and find out the truth behind this paramedical society.



Medical Laboratory Technology

I'm afraid you the public usually see Med Lab technologists at their worst; at the end of a syringe and needle!! But we do use the needle we take from you! Hematology, a major area of the laboratory, is based primarily on the analysis of cellular components of blood. Clinical Chemistry deals with another aspect of blood, namely the major components of serum of plasma.

Then of course there is the Blood Bank department which many of you help to keep alive by your donations. This area of immuno-hematology, as it is now called, has taken many great strides in recent years and is developing at a rapid rate.

But in case you think we have a preoccupation with blood let me introduce you to some other areas of the medical laboratory.

Urine one of the most easily attainable specimens (?) (in most cases) is the basis for an area called Urinalysis. This area may help greatly in the diagnosis of disease.

Bacteriology is a broad area which covers the study of disease-causing bacteria, as well as parasites and ova sometimes found in living things. It is helpful in tracing down bacteria-associated diseases and as an aid in their treatment. Also in this area is Histology, which is the study of tissue for diagnosis of disease states. It is a very exciting subject.

For a better understanding of this large technology, come down and see us in F-Wing on the main floor.

Med Lab is only one year at school and is a lot of hard work. Once in awhile we get away from the daily routine and occupy ourselves with outside activities.

Each year, around Christmas, Nait Med Lab Students and teachers, technologists, student technologists and various other officials from the Edmonton hospitals, get together for a banquet.

The banquet includes a lot of good food, the usual Christmas type, and cocktails which made everyone laugh a little bit harder. Plays were put on after dinner by anyone who had prepared for it. Last year Nait students had won the trophy and we were determined to keep it in the school. The trophy is a golden cup called the "Interurinal Trophy".

It took awhile for us to get the play organized, but once it got going it turned out to be a lot of fun. With a few practices we were all ready to go. The play itself was about medical technologists from the days of the cave-man, medieval times, first World War, modern day to the future with computers.

The big night came quickly and like most actors we were just a bit nervous. A couple of the hospitals also had plays which kept us laughing. We were the first ones to do a play, and when it was over we could relax and really enjoy the others. People were laughing so hard it was hard to hear what was being said. Our play turned out to be the winner which was the highlight of the evening for us.



SOCIAL ACTIVITIES FOR MEDICAL LAB

As everyone knows, all work and no play is bad for the system; therefore we in Medical Lab. like to find a time for relaxation and class participation. A class council is elected every year consisting of a president a vice-president, a treasurer, two social conveners and two sports reps. Though our workload is heavy the council tries to find ways and means for good entertainment.

In November of this school year a cabaret was held with the Telecommunications Technology. Beer and hard liquor are sold at these functions at a low student rate. It was rumored by some that those who attended "danced the soles off their shoes." However it is known for a fact that those who didn't "dance the soles off their shoes" at that cabaret did it at the Cupid Cabaret held in February. This time the affair was held with Computer Systems and it was a great success. Over 200 attended and at least 60 were turned away.

Another event, this one held in January, was a ski raffle. All the class participated in selling tickets and prizes came from the Mountain Shop. One of the instructors managed to get hold of the winning ticket and no, this was not an act of bribery.

Plans are presently in the making for another raffle and very definitely for another cabaret. Of course the end of the year also holds a wind-up in store which no one will want to miss. After all, when you aren't studying you may as well be having a good time.

Oh! we mustn't forget the planning and organizing for Open House. It was such fun to do. We hope you enjoyed it.

No matter how active you are



The more active you are, the more gymnastics and sports you participate in, the more you need to know about Tampax tampons.

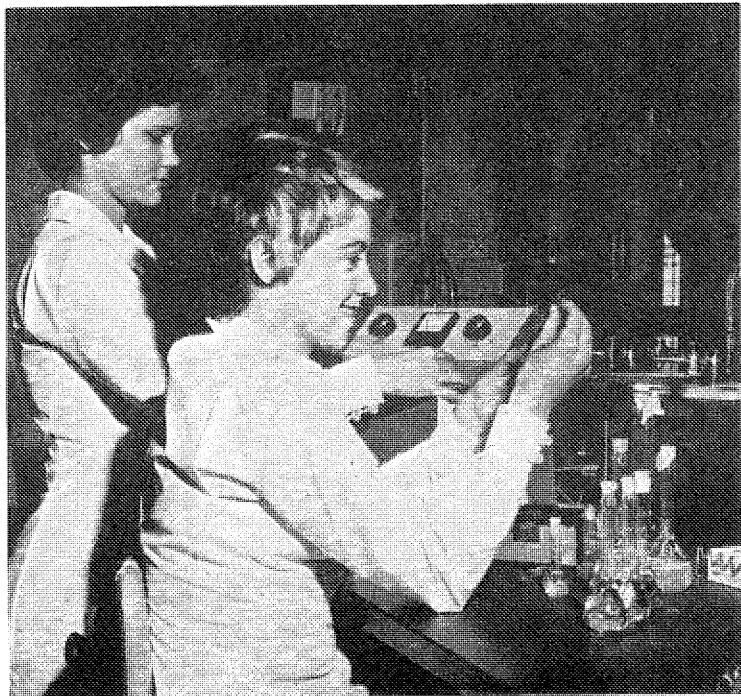
Because they're worn internally, they don't hamper movement and don't cause irritating discomfort. When inserted properly in place (it's easy!), you'll never feel them. Removal is also easy: the withdrawal cord is chain stitched the entire length of the tampon so it can't pull off.

And you should know that Tampax tampons are economical. They come in packages of 10's and 40's, not 8's and 30's like some others. You get more for your money. More of the protection that keeps you comfortable no matter how active a life you lead.

The internal protection more women trust



DEVELOPED BY A DOCTOR
NOW USED BY MILLIONS OF WOMEN
MADE ONLY BY
CANADIAN TAMPAX CORPORATION LTD.,
BARRIE, ONTARIO



Have a heart

Technical difficulties probably ruin more shows than all the other problems put together. The entertainment could be great, but if sound effects, music and the like are not perfect; there goes the show.

Not so with Uncles at Large 'Have a Heart' Variety night. All those "technical difficulties" added to the humor and fun the evening's entertainment provided. It's not important what they were, it's only important that they did not ruin a great production.

The show was organized by Radio and TV Arts students, in cooperation with Uncles at Large, all proceeds going to this program designed to provide male companionship to fatherless boys.

Cheerleaders from Bonnie Doon High School opened up the show with the Uncles at Large cheer. Then came a troupe of very talented dancers from Queen Elizabeth High School. They did an excellent job, in between all the "technical difficulties."

The highlight of the evening was next, RTA student Mike Zielke's "Summer Romance," the happy and unhappy story of teenage love the way most of us remember it.

D. J. Willis was incredibly good, as Mary, the young heroine who had just won a date with the sensational (sensationally greasy) Steve Storm. At the mere mention of his name girls would swoon and guys would swear under their breath. Steve Storm was the typical rock and

roll superstar, the idol of millions.

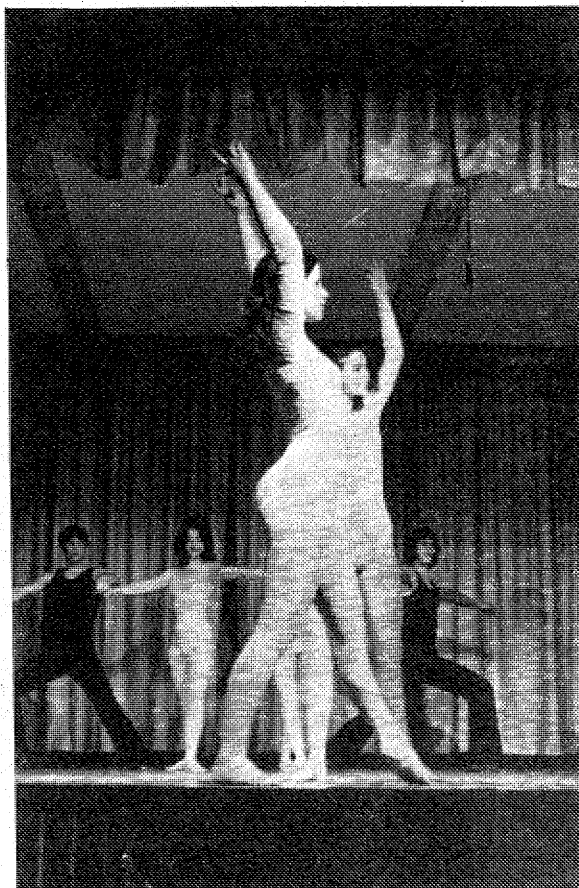
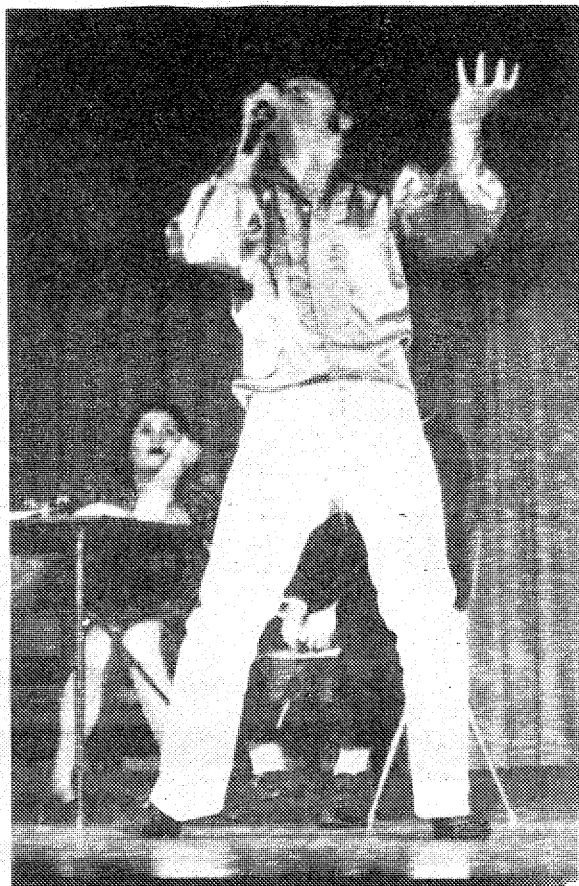
Mary's boyfriend Bruce, didn't think Mary should go out with this Steve Storm character, but do you think he'd tell her? You bet your bobby socks he wouldn't.

He preferred to 'Spy' on her, in a typically male fashion. The scene that follows, in the Kozy Korner Kafe, would break your heart, or split your gut.

As it all turns out, Bruce gets his girl, and Steve Storm gets his. Boy does he get his!

The evening came to an anticlimax, with more dancing compliments of the Queen E bunch, a beautifully done rendition of You've got a Friend by Debbie-Lyne Zinger, and some rhythmic dancing by some Bonnie Doon grads.

We can't forget our two lovely hostesses for the evening. Dianna Maas and Karen Lasky were great as they filled in between acts and during "technical difficulties." They had to do a lot of ad-libbing, which they accomplished well in their own little-girlish way.



Message From

Minister of Advanced Education

To the students and staff of NAIT and their guests.

On the occasion of NAIT's annual Open House Weekend, I am very pleased to have the opportunity to extend my best wishes to all of you. This is a very special Open House, as it is the tenth anniversary year of the Northern Alberta Institute of Technology, and much has happened in that very short period of time. Those of you who have been closely associated with NAIT throughout these ten years can be rightfully proud of what you see around you this weekend. The excellent facilities are a compliment to the quality of the staff and graduates of NAIT, the quality of the staff and graduates of NAIT, as well as a reflection of the well-deserved reputation the Institute has among the people of Alberta and throughout Canada.

I wish you continued success.

J. L. Foster,
Minister of Advanced Education.



Barbering and Beauty Culture

Modern salons today are servicing clients on a regular basis in relation to hair care. The general public are patronizing salons on a regular basis rather than only for special occasions.

The traditional barber shop and beauty salon concept is rapidly changing. One of the reasons for this is the education of men's and ladies hairstylists. NAIT has trained in the past few years, many knowledgeable and competent hairstylists that are now employed in this modern expanding technology. Our

course in hairstyling is very much in demand and offers a very comprehensive program. Both the men's and ladies hairstylists have common classes in which we learn about total skin and hair care. We learn how to maintain the health of skin and hair, such as:

being able to analyze a client's for the proper balance of moisture as well as adequate protein compactness.

recognizing skin and scalp disorder for the application of the cosmetics to correct scalp

being able to analyze a client's hair for the proper balance of moisture as well as adequate protein compactness;

recognizing skin and scalp disorder for the application of the cosmetics to correct scalp conditions;

latest haircutting and styling techniques designed to suit the client's individual features;

modern haircoloring, permanent waving and bleaching for men and women.

Care and treatment of wigs and hairpieces, salon management

and health and sanitation are also subject material covered in our course.

All of the above areas of study involve many hours of study and practice. Demonstrations and lectures are provided by our instructors when new subjects are introduced.

Each service is based on a credit system in which the time limit and the defined finished product are the accepted criteria. These criteria provide us with the information of what is expected of an end result. Modern equipment and up to date instruction is used for all sub-

jects. A watchful eye is kept on us at all times by trained and skilled instructors.

After we successfully graduate from our forty week N.A.I.T. course, we must pass written and practical examinations. the Department of Labor, Tradesmen's Qualifications Branch, Government of Alberta. This qualifies us to work as men's or ladies hairstylists anywhere in the province of Alberta. Our courses, to many peoples' surprise, are very demanding and requires a large amount of work and study to be successful. Happy Hair!



FOOD TECHNOLOGY From Farm To Store - Shelves Of An Expanding World

Food technologist DO NOT cook: they are technically involved with scientists and engineers in production, industrial processing and marketing of food. Their challenge is to help in providing safe, more abundant and more nutritious foods both for you and growing world populations.

Food technologists work in three general areas in processing and packaging Alberta's agricultural commodities: production, government monitoring agencies and research. These areas offer a wide range of technical and supervisory opportunities. Graduates often start in quality control or production. After gaining suitable experience and proving their ability they can progress to such occupations as assistant chemist, quality control supervisor, government inspector, research technologist, product development technologist, production

foreman or plant superintendent. Some graduates prefer to enter small companies where they can be exposed to all facets of activity, others prefer to follow careers with large national companies.

Wherever graduates may work in the food industry, they can expect to encounter increasingly complex processing methods and equipment, trends to convenience foods, and stricter requirements for nutritional content and declaration, product safety and environmental quality.

The Food Tech program reflects the unusually broad range of training required by the food industry. Curriculum stresses food technology courses at 42%, chemistry at 23% and microbiology at 13% of required courses. Courses include chemistry, mathematics, physics, general and food microbiology, food engineering and processing, biochemistry, food analysis, quality

control, sanitation, instrumentation, packaging, business organization and industrial supervision. Public health inspection methods, water analysis and relevant aspects of pollution control are also emphasized. Well equipped experimental facilities provide experience with principles of processing methods and equipment and with testing procedures. Labs are supplemented with organized industrial visits to observe manufacturing operations, testing and research.

Alberta has the agricultural and necessary fuel potential to play a vital role in world food supply, a role which should grow dramatically in a few years from the present 16% of national food processing activity. Much of this increased growth will come from extraction of rapeseed and other seed proteins and from expanded dehydrating, freezing and canning operations. Food technologists face great human challenges and increasingly bright opportunities.

Program entry requires Grade 12 English plus at least 50% in 11 Chemistry and Math 20, 22 or 23. Biology and Physics are preferred subjects. Strong interest in the sciences is important in Food Technology.

The Food Service Department offers training in 6 areas to interested students:

- Commercial Cooking
- Commercial Baking
- Retail Meat Cutting
- Short Order Cooking
- Food & Beverage Service
- Mixology

The basic pre-requisite is training at the Grade X level and that the student be 18 years of age.

Commercial Cooking is a 2 year diploma program with a very high demand for the graduate. Competition is keen for entry into the program.

Commercial Baking is a 10 month program with the graduate very much in demand.

Retail Meat Cutting prepares students to prepare meat for domestic freezer orders. The graduate can expect excellent employment opportunities at adequate rates of pay.

The Short Order Cooking course is taught at Alberta Vocational Centre by this department. It is an elementary program with credit offered toward the Commercial Cooking diploma. It is of 14 weeks duration.

Food and Beverage is a 16 week course leading to a certificate. The demand for Maitre d' and waiter/waitress employment is good.

Mixology is offered as a joint NAIT/AVC program at AVC. It is a 5 week course and includes instruction in flaming dishes.

Prospective students may, on appointment spend any amount of time they desire, under the buddy system, viewing all phases of the above courses.

Heidelberg

Brewed from pure spring water.



And that's the truth!

Brewed by Carling O'Keefe Limited

Continuing Education Division

In today's dynamic and complex society, emphasis must be placed on continuing education. One can no longer be content with the body of knowledge originally acquired, but must seek, and in fact demand, opportunities for self-improvement.

In keeping with this philosophy NAIT's Continuing Education Division is striving to keep abreast of the requirements and demands of industry and society. Special Courses for Industry The Division emphasizes its

desire to provide special courses for an individual industry or association to meet a particular training or retraining requirement.

Some examples:

1. Basic Management Skills
2. Foremanship and Super-

visory Upgrading

3. Secretarial Skills
4. Technology Post Diploma Courses

5. Power Engineering
6. Technical Seminars

Assistance in Course Development

The special upgrading courses can be "tailored" to the specific firm or industry and can be provided "on site" or at NAIT.

Our resource personnel and our facilities stand ready to

provide training in a multitude of areas, on a credit (toward a diploma) or non-credit basis. Conferences and Seminars

The Continuing Education Division at the Northern Alberta Institute of Technology has the facilities and personnel to offer forums, conferences and seminars to specific industries, organizations, or the public in general. The Division would be happy to discuss all such proposals in an attempt to establish programs of specific need or

Industrial Heavy Duty Equipment

The Industrial Heavy Equipment Technology course offered by the Institute provides industry with Technicians who have received training in the practical, theoretical, and business aspects of the Heavy Equipment field. The program is shared equally between shopwork and

millions of dollars are invested in the purchase, maintenance and repair of a variety of heavy equipment, logging equipment in Canada. This field includes, equipment, diesel electric power plant installations, and earth moving equipment, logging theoretical courses.

During each fiscal year

large highway transport vehicles of many types. Due to this wide range of application in an ever expanding industry, tremendous opportunities for well trained technicians are constantly being created.

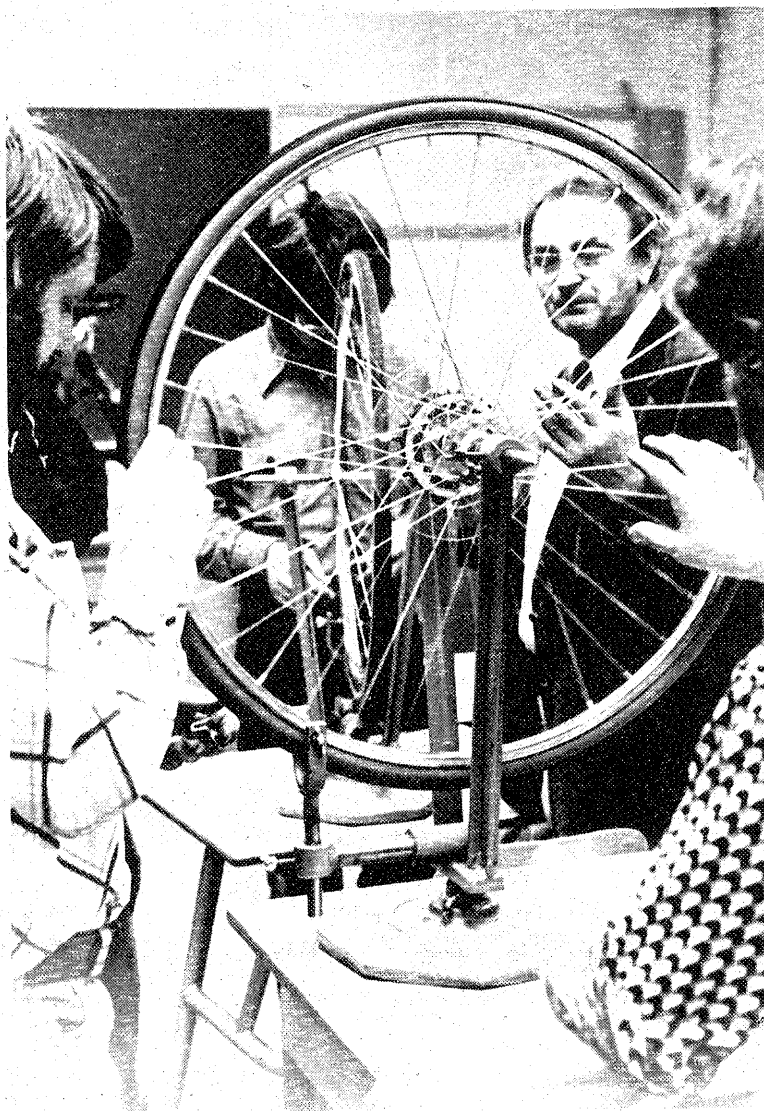
Use of the latest technological advances in electrical and hydraulic controls is producing changes which make heavy equipment interesting and functional, enabling the operators to do increasingly difficult jobs with ease.

Prospective employees in the Heavy Duty Equipment field, will find keen competition, but for well trained technicians, who are able to keep pace with changes in the industry, the future is very promising.

The training offered is vital to enter any of the specialized areas in this field or to gain journeyman status.

Prospective positions for the Industrial Heavy Equipment Technician are, Maintenance mechanic, Maintenance formen, Service Supervisor, Service salesman, Service training technician, Industrial plant educator and Equipment salesman.

For success in any of the foregoing positions, it is necessary for a candidate to first become a skilled student he will then become eligible for full technical credit and two years time credit on his Provincial apprenticeship program. After two years in the trade the graduate will be eligible to write examinations for the Journeymans Certificate of Proficiency with Inter-Provincial red seal.



Continuing Ed even has a course in bicycle repair

NAITSA welcomes you



An anniversary for NAIT marks another year of educational growth for nearly 5000 students. Our 10th anniversary celebration this year represents an expanded learning program covering over 30,000 students. This is an accomplishment to be proud of -- the contribution to society is unmeasurable; indeed though, beyond value.

The growth and diversification of NAIT since its inception has been most commendable. From twenty-five instructional disciplines in 1964, students may now choose from over fifty. As business and industry have become more complex NAIT has broadened its teaching base to meet these needs. The reward -- nearly 100% of all graduates obtaining employment immediately upon completion of their studies.

The institutes basic philosophy has been to prepare students so that they may begin their jobs with little, or no more actual training. As is indicated by, our employment statistics, industry's employers also seem to favour such training techniques.

Open House is an Annual Event held throughout NAIT to allow prospective students and employers a chance to view, firsthand, the various fields and areas of instruction provided. The occasion is a joint venture by the students and Adminis-

trators to display, both audio and visually, the basic disciplines studied.

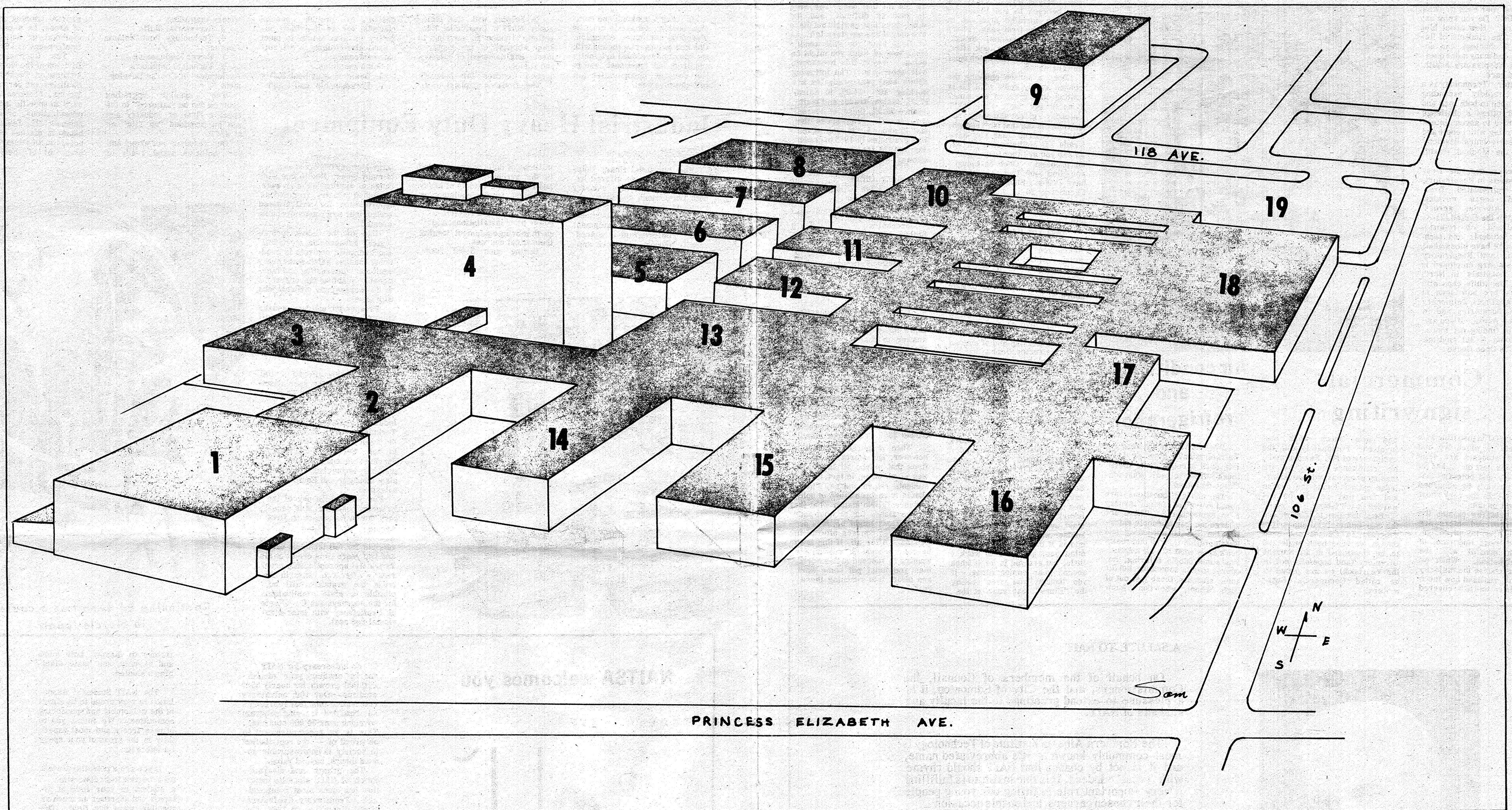
The NAIT Students' Association is very proud to be a part of the welcoming and sponsoring committee. We invite you to browse freely and most especially in the areas of your special interests.

If you are a potential student take the time to sit down with a student in your field of interest and discover as much as possible about that field. The more you know about a course the more you will enjoy it.

For the potential employers we offer a most sincere welcome to you. After all it is your demand for highly skilled manpower that has made this institution, firstly, possible, and secondly, successful. NAIT has now reached near capacity and further expansion is anticipated in the next couple of years. Society is in a period of rapid growth -- this is resulting in an increased need for higher education. If you are searching for a career, we can most likely set you on your way -- if you require skilled personnel, we can also help you.

I hope you will join with us in celebrating our first decade. Welcome to Open House as "NAIT Helps Make Alberta Strong."

Gary Everett
NAITSA President



DIS IS DA PLACE

- 1** Student Activities Building
- 2** J Wing
- 3** Gym
- 4** Tower Building
- 5** Services Building

- 6** Welding Building
- 7** mortar Trades Bldg.
- 8** Industrial Annex Building
- 9** Car Parking
- 10** Construction Wing

- 11** Metals Wing
- 12** Electrical Wing
- 13** Food Services Wing
- 14** Electronics Wing
- 15** Science Wing

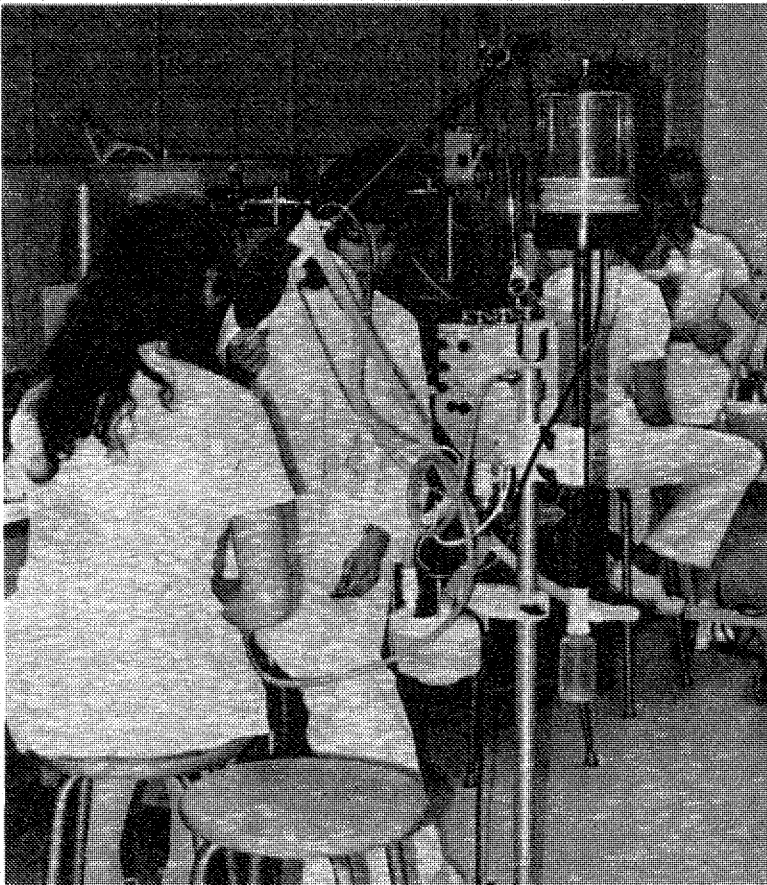
- 16** Medical Wing
- 17** General Offices
- 18** Auto Diesel Shop
- 19** Staff Parking

Respiratory technology

How are your FEB's? What is your FUC? Do you know any pink puffers? How about blue bloaters? The students of Respiratory Technology can answer these and many more questions about Respiratory health, disease and care.

Respiratory Technology is a new and rapidly expanding profession open to both men and women. It offers a challenge and excitement to anyone interested in working with people and with the latest technical developments in the Medical Health Field.

Five years ago, the first class of students in Respiratory Technology graduated from NAIT and began working throughout Alberta, across Canada and in the United States. Educational and job opportunities for students and technologists alike have blossomed, since then, and Respiratory Technologists are employed in all major hospitals in North America. The white caps with red stripes are now seen in Intensive Care Units, Pulmonary Function Laboratories and in Patient Care Areas. If you are interested in finding out more, come to Room G-211 anytime during NAIT's Open House.



Commercial signwriting

Commercial Signwriting is a varied field in which we and many past students are very proud to be a part of. It has so much variety and potential that it cannot possibly be absorbed and perfected in the very short span of eight months.

In the last few months the class has covered interesting subjects such as, layout, design, color, and most important of all, brush control with the various alphabets. When we started the course the majority of us hadn't realized how much material there was to be covered

and how much work was involved. Fortunately with the assistance of Mr. Pezzani and his confidence in us we are making progress with the knowledge gained during the course and feel that we will be rewarded in the future.

Be it unknown to many we are the only Commercial Signwriting program in Canada and even though we have been neglected to be mentioned in the Student Directory (and hopefully not in the Yearbook) we are proud to be called Commercial Signwriters!

Air conditioning and refrigeration

What is Air Conditioning and Refrigeration? How do I get into such a course? Is there much work involved? What education do I need?

The above questions are asked every year from February 1 to September 3. There are a large number of people entering the Air Conditioning and Refrigeration Course that really don't know what it's all about. For some people entering, the course means something, but for some students, those just out of High School, who don't know

really what they want, Air Conditioning and Refrigeration is simply, first on the NAIT calendar. Maybe this is one reason why between 15 and 40 percent of those enrolled drop out at the end of the first year. There are other reasons, though, money, a family to look after, health problems, etc. which must be considered.

Does a person entering the course really know what he is getting into most of the time? I would say "no". The NAIT Calendar gives the entry requirements but that isn't enough. NAIT requires that you have Grade XII Mathematics 30, 32, 33 and you are then in the door--no problem. Once in though, you find out that you should have taken Physics 30 and Chemistry 20 at least, maybe even Chemistry 30 would have been a big help, but it is too late now; no one told you.

When you first come into a course like this you wonder where you are going; is it all worth while; should you have really come into it and many other questions along the same line. Well if the three to four hours of homework most nights doesn't turn you off, then there is hope for you. As you make your way through each month, the quarters come to a close, the work piles up and of course each instructor thinks that his taking and hands out the work accordingly; it is then that a little encouragement from home and friends really helps.

Somehow between doing all the electrical and control assignments, the Air Conditioning labs and writing various exams for different instructors, a person still finds time to play cards at lunch time, or go to the bar on a Friday night for a couple of drinks with the boys. Sometimes just going home and catching up on all the rest you lost during the week is a real luxury so you will be ready to start over again on Monday for another week. Usually a person makes it through the first year, mind you; you have to work a little, but are you in for it when second year comes along. If you thought you were feeling the "Blues" last year at the

end of the third quarter, well second year is the start of it again.

Life as a second-year student is not all that bad. The work is just as difficult, and the dead-lines just as rigid but there are only three quarters left. As in first year you still wonder what kind of work you might be doing. Maybe this breakdown will show you. The following shows what past graduates are working at: 34.3% in Sales, 17.2% design, trades and maintenance 35.3%, these, of course, are general. The areas that past graduates, starting at the first graduates in 1965 to graduation in 1973, the breakdown is as follows:

Consulting Office	15
Controls Sales	7
Controls Installer	3
Refrigeration Sales	6
Refrigeration	
Mechanics	6
Building Maintenance	12
Equipment Sales	13
Equipment Service	5
Sheet Metal Estimator	3
Air Balance	2
Foreign Students	7
Others	

Probably the next question that comes to mind is: Are there many jobs offered? The answer to that is "yes". For the number of students coming out of the course there is at least one job opening, but more than likely there are two and sometimes even three offers per student depending on what demands industry has. The wage that these people are starting at range from \$490 to somewhere around \$650 to \$700 per month.

When a person graduates, however, and starts working he finds that maybe all the work was worth while, in fact, former students return and say "there should have been more in some instances". No matter what the course stands for or what your expectations might be, it is one of the best courses offered in Canada. After all, if this is to be your occupation and you are wanting to succeed in this world, then you must put some work and effort into reaching these goals.

A SALUTE TO NAIT

On behalf of the members of Council, the Commissioners, and the City of Edmonton, it is a pleasure to extend greetings to the faculty and students of NAIT.

The Northern Alberta Institute of Technology is most commonly known by its abbreviated name, and it is not by chance that NAIT should rhyme with 'great'. Indeed, this fine institute is fulfilling a very important role in fitting our young people for their chosen careers, and on this occasion of "Open House Weekend", the opportunity to greet all those at NAIT and their guests, is one we welcome.

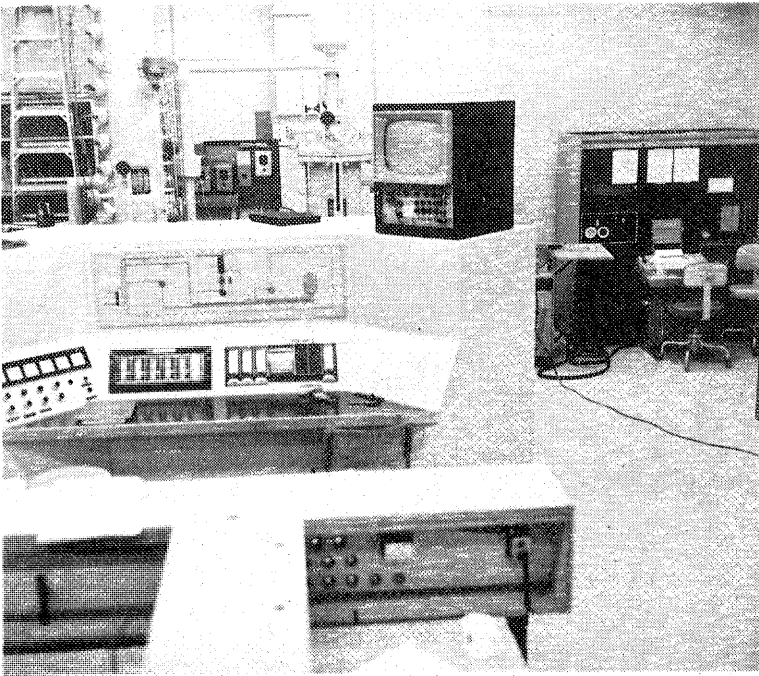
You have every reason to take pride in your institute of learning. You contribute to its significant place in our community because of your pride in NAIT and the activities you undertake there. On behalf of Edmonton and its citizens, our grateful good wishes.



Ivor G. Dent
Ivor G. Dent
MAYOR



INSTRUMENTATION TECH



Instrumentation may be defined as the science of controlling a process. Because of

TELLER TRAINING AND GENERAL BUSINESS

Banking is becoming increasingly more important in our society. The turn to the credit card, stocks and bonds, savings and personal chequing accounts are an asset to the banks' customers. As a result banking is becoming very important in all our lives.

Our course at NAIT, Teller Training and General Business, gives us a complete "run down" on banking procedures, proper appearance and behavior and, also, a general view on other business activities, such as data-processing, accounting, etc. We have an actual bank lab set up and we work together as a group, just as any bank would. Come see our tellers in action in the lab, T-414, and T-415. We're cashing penny cheques!

today's emphasis on automation the use of instruments and control systems are coming more into prominence. You name it, we learn how to control it; from flushing toilets to nuclear reactions. We use everything from simple hand valves to very sophisticated computer control systems.

But enough of this, let's tell you what happens here at NAIT. When you come into far from dull. The student club, which any Instrumentation student can join, is a member of the Instrument Society of America, an internationally recognized organization.

The club, itself, is one of the smaller ones at NAIT and yet one of the most active. We sponsor all types of activities; including an all night curling bonspiel, which generally lasts all night and most of the next day. We also promote "ZOOS" (parties) at which everyone can perform in their own way.

MATERIALS TESTING AND METALLURGY TECHNOLOGY

Materials Testing and Metallurgy Technology is a diversified course involving physical metallurgy, testing and inspection of engineering materials.

Physical metallurgy is the study of metals in general, and the conversion of them into useful products demanded by industry today.

Materials such as metals, soils, concrete and asphalt are tested basically by two methods:

- (1) Destructive Testing
- (2) Nondestructive Testing

Destructive testing involves the mechanical destruction of a material to determine the various physical properties that it exhibits. Some of the tests used are:

- (1) tensile
- (2) compression
- (3) impact
- (4) fatigue
- (5) marshall stability

Nondestructive testing is the inspection of a material while in service or prior to service. Several of the tests used are:

- (1) x-ray or gamma-ray inspection
- (2) ultrasonic testing
- (3) magnetic particle
- (4) dye penetrant
- (5) density
- (6) visual inspection

The following companies have employed graduates and are currently interviewing second year students of Materials Testing and Metallurgy

Technology:

Celanese
Sherritt Gordon
National Research Council
Syncrude
Ipsco
R. M. Hardy
Department of Highways
Atomic Energy Board

Materials Testing and Metallurgy Technology students preparing to inspect a pipeline weld by use of Cobalt-60 gamma ray source.



Hanson Materials Engineering Steelco

Presently jobs are readily available at an average starting salary of \$725 per month.

For further information on Materials Testing and Metallurgy Technology, come down to G-5 to see our displays.

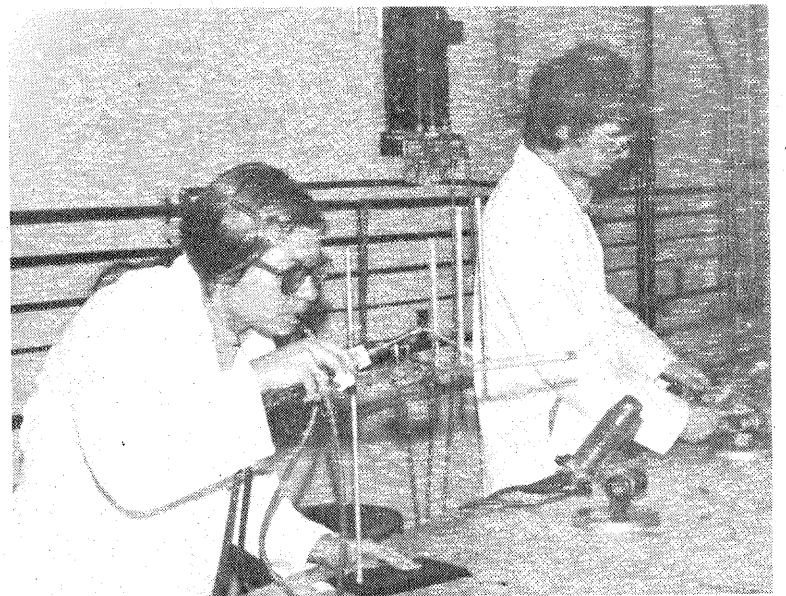
CHEM TECH

This year the theme of open house in the Chemistry section centres on the practical. Students in the chemical program will be displaying their skills as well as their wares by actually simulating projects and experiments undertaken by them during the academic year.

Don't miss the glass-blowing display in room G-110, it promises to show some exciting effects by interacting colored light with ornamental glass objects.

In room G-109, skilled second year students will be masterfully working away at individual projects as part of their sixth quarter day program requirements. Feel free to ask questions of these learned people and be prepared for some mind-boggling answers.

First and second year students will combine their



efforts in G-106 and you will be treated to displays of instrumental analytical techniques, soap production and aspirin manufacture.

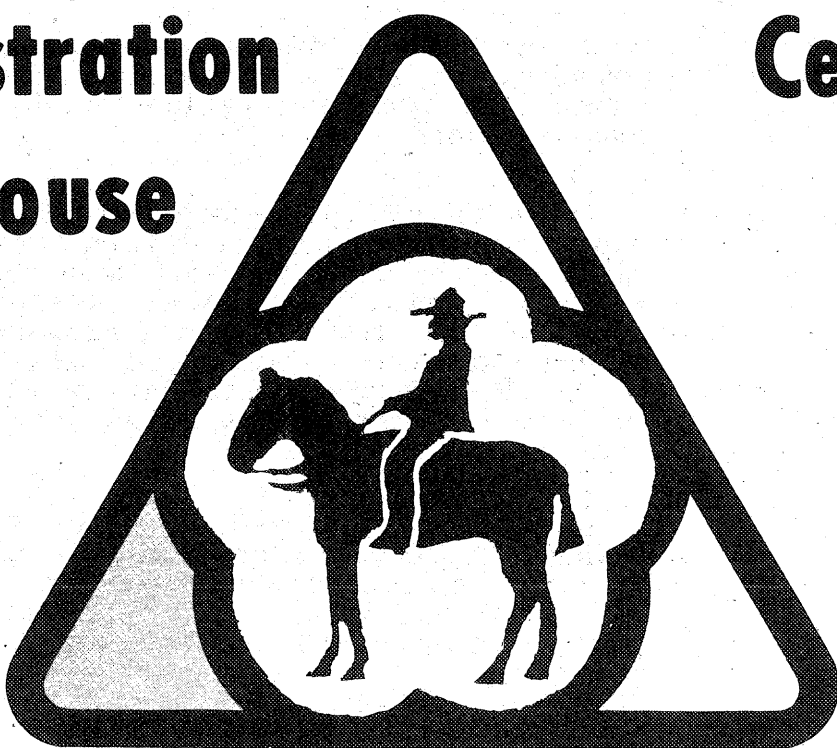
By the way, prospective student, there is still room in the Chemical Technology commencing next September and job

prospects for graduates have never looked better.

All in all, this year promises to be a surprising program in the chemical area and we look forward to meeting prospective students, employers and parents.

See you at OPEN HOUSE!

Marketing Administration Open House Display



"The Police have protected us as the feathers of the bird protect it from the frosts of winter" ~ Crowfoot 1877

FILM PREMIERE

Location - Little Theater

The Alberta RCMP Century Celebrations

1874-1974

FROM OUR PROUD PAST THE PROMISE OF OUR FUTURE

A celebration in honour of the Royal Canadian Mounted Police, their arrival, and subsequent involvement in the early history of Alberta.

This impressive, timely display will be launched by an official raising of the RCMP Centennial flags March 15, 1974 at 9:00 A.M. at the front entrance of NAIT. The main display will be located in the McNally Library and will be accompanied by full dress constables of the RCMP.

We are 100 YEARS proud

so
Come and see YOUR history!

STREAKER TECHNOLOGY?

Streaking, the latest international campus craze, has finally reached to the hallowed halls of NAIT.

Two technologies, Marketing & Building Construction braved the boisterous bellows and bashful broads to bare their butts and expose the body beautiful. Marketing was first.

About 15 first year students donned their toques, scarves, masks and sneakers as they streaked the cafeteria hall, and down past Student Services to escape outside into waiting cars.

Nugget's Ace Reporter, Harry Kossel, managed to interview one of the streakers as he (the streaker) ran by. When Harry asked him what his reason was for proclaiming his bodily freedom by wearing only his birthday suit, he replied "yubba, dubba, doo".

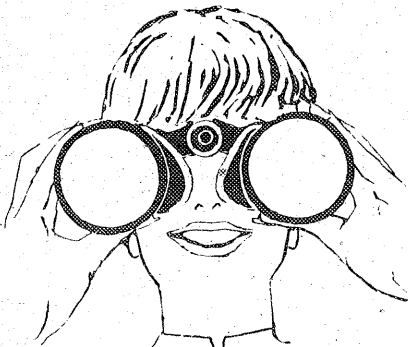
Harry has turned the quote over to the heiroglyphics department at the U. of A.

Building Construction streaked the same halls, only in the opposite direction, minutes later. They were actually quite well organized. Cameras, both still and moving picture, were planted at key points along the route to get the best possible angles as the streakers streaked by. The motion pictures will be premiered at a forthcoming Construction party.

After the two groups, people lined the halls along the route for quite some time afterwards, in the hopes of again seeing whatever it was that caught their collective eye the first time(s).

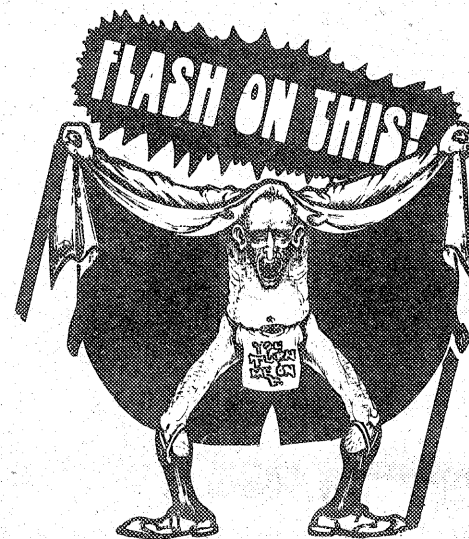
But, alas, to no avail . . . the rest of the day was quiet. Only fully clothed people dared to walk the halls.

Numerous other fads have also hit campuses of late. There's the stroking fad, where males run down the halls and "pet" or stroke unsuspecting females, there's the reeking fad, where you don't have a bath for a month; the freaking fad, which has been going on for quite some time; the peeking craze, an oldie but a goodie; and, finally, the weakling fad, where you catch or acquire mono and have to stay in bed for two weeks.

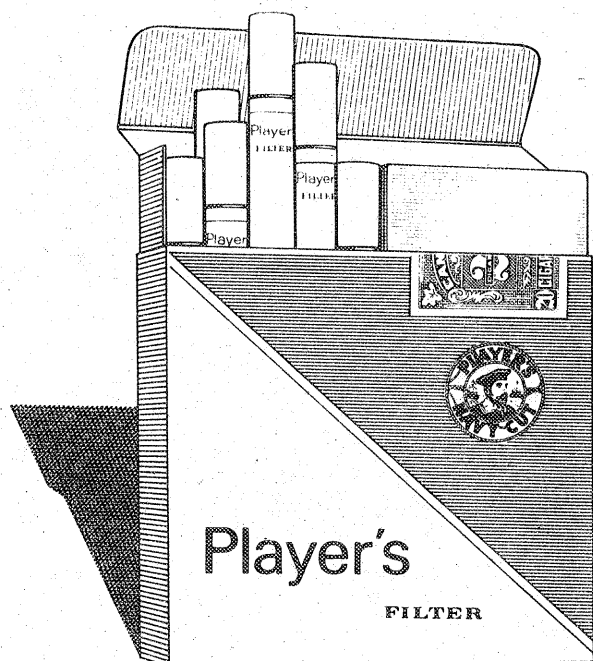


PROJECTION SQUAD

passing through:

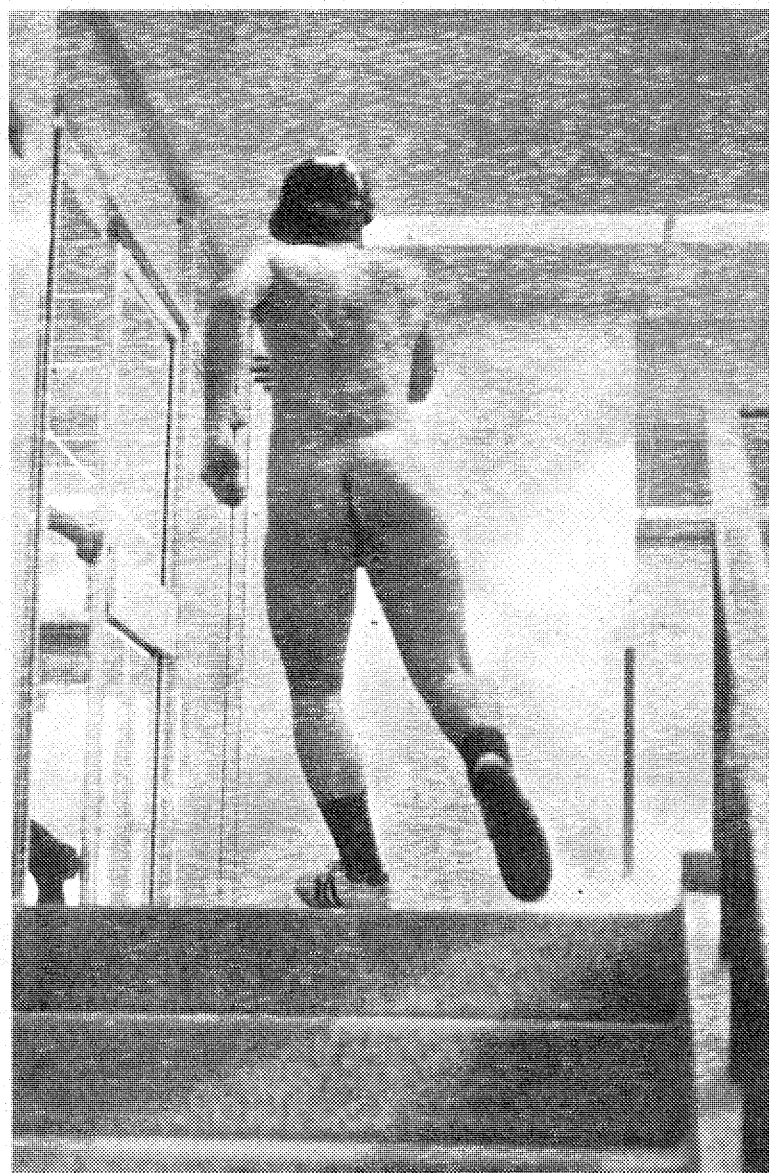


*In your own way.
In your own time.
On your own terms.
You'll take to the
taste of Player's Filter.*



A taste you can call your own.

Warning: The Department of National Health and Welfare advises that danger to health increases with amount smoked.



FACULTY
TRAINING SCHOOL

Ten Years In The Making



Drafting on the 7th floor! You bet. Drafting, designing, fitting, needlecrafts and sewing. All of this and more is offered in the tailor technician course here at N.A.I.T.

Students in the tailor technician course have been surprised by the material included in this pilot program. Mrs. Radicci has been striving to introduce this program in Western Canada since 1963. She teaches us dressmaking where we have sewn childrens garments and various wardrobe items made to measure for ourselves and each other from drafted patterns. Mr. Roncucci teaches us tailoring techniques. In fact, this year we have each designed, drafted and completed a man's suit. Friday morning is a welcome diversion with needlecrafts taught by Mrs. Jensen. Our whole course has been great.

We have a beef with the administration. Although its too late this year, we sincerely trust that future classes will be treated as a part of the student body and provided with a physed and English course.

We'd like to thank our instructors for their time and devotion which far exceeds the classroom hours. We really appreciate it.

See our displays Friday and Saturday in room T716, with fashion shows Friday at 7, 8 & 9 and Saturday at 1, 2 and 3. Coffee and goodies will be served.



Past Present Future

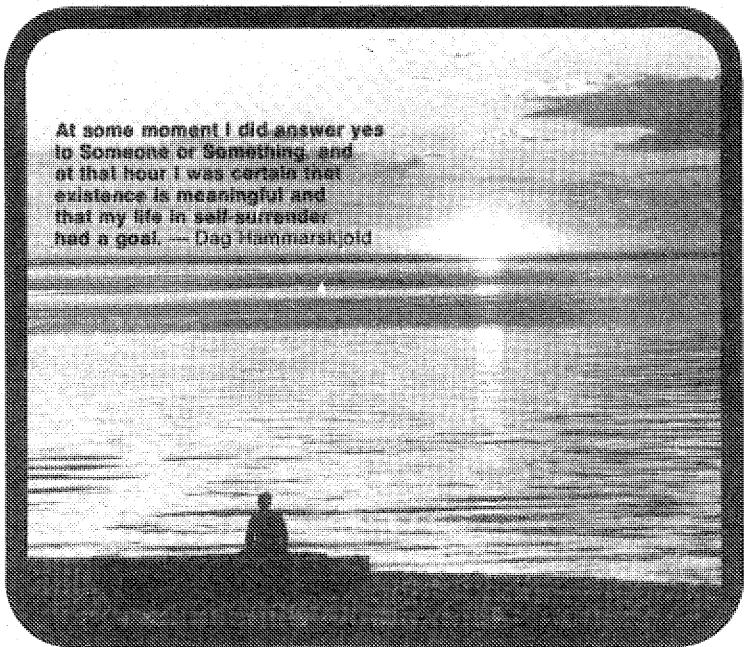
Secretaries are changing

Are you interested? Open House at NAIT will soon be here, and all 150 secretaries in the Tower Building are hard at work. The

floor will be set up during Open House according to the Past-Present Theme. Be sure to come and see them in action.



At some moment I did answer yes to Someone or Something, and at that hour I was certain that existence is meaningful and that my life in self-surrender had a goal. — Dag Hammarskjöld



The
Christian
Brothers
(De La Salle Brothers)



A life of
prayer and service
in community.

Please send me a copy of your 16-page photo essay describing the life of the Christian Brothers.

Name _____

Address _____

Mail to:
Brother George Morgan, F.S.C.
5 Avonwick Gate
Don Mills, Ontario M3A 2M5


Secretarial

THERE'S
M[♥]ORE
TO
SEE...

TOWER BUILDING
T510

Business Administration Department

This year "Accounting and Finance", "Administrative Management", and "Marketing Management" will all have a common first year. This was done to allow students greater flexibility in choosing a second year course.

These programs will provide the student with:

a knowledge of the administrative and human skills required in business,

specialized knowledge of the particular skills the student intends to pursue, and

an opportunity to develop these skills by trying out and experimenting with the principles and practices covered.

The common first year courses are:

Accounting
Mathematics
Law
Economics
Organizational Behaviour
Marketing

These courses provide a student with a broad general background in business principles.

Any student who has successfully completed the common first year in Accounting and Financial Ad-

ministration, Administrative Management, or Marketing Management can choose any of the options in Accounting, Management, Banking, Finance, and Marketing. Students who have completed the first year in Computer Systems can enter any of the five options as special students provided they satisfy the course pre-requisites and concurrently take courses to overcome the first year deficiency.

To proceed into the second year Computer Systems, however, a student must have completed the first year in Computer Systems program.

FINANCIAL MANAGEMENT

The Financial Management Option provides specialized training in financial planning, credit administration, and the administration of financial resources. This option is recommended for those who intend to pursue administrative careers in Financial Institutions

or Finance and Credit Administration careers in other organizations.

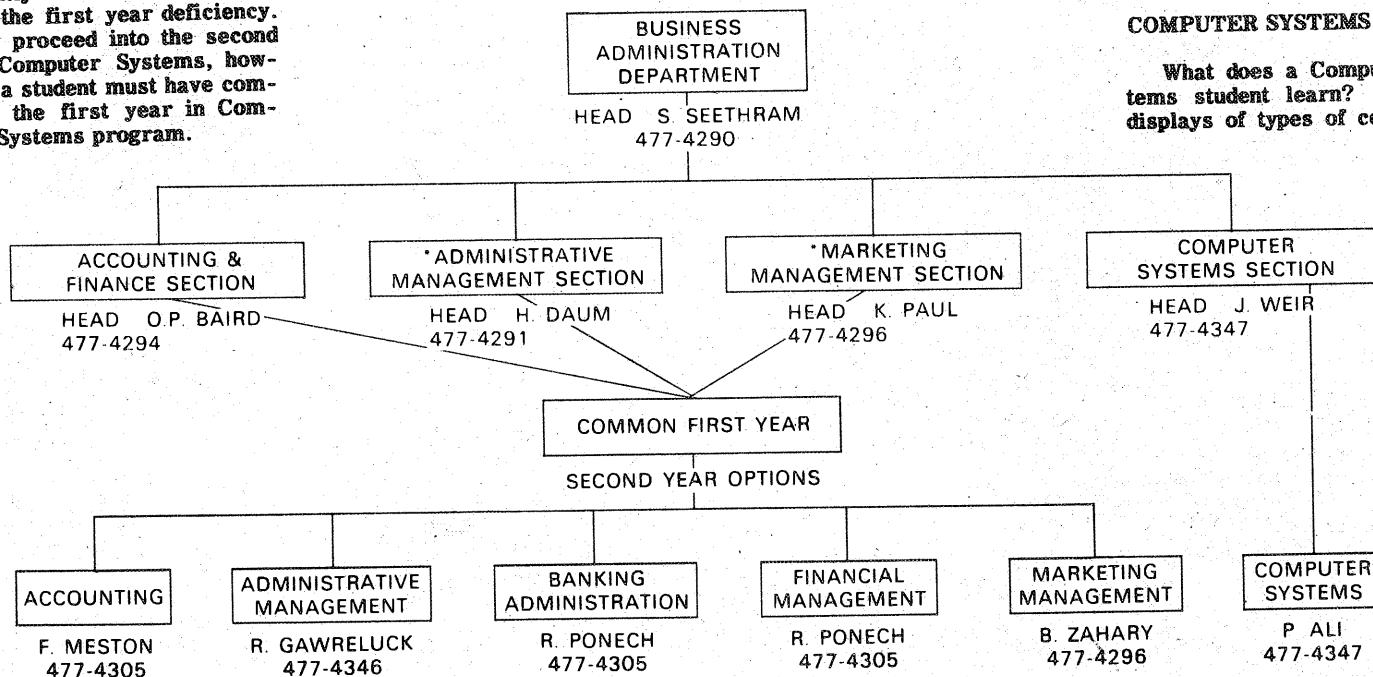
ACCOUNTING

The Accounting Option provides a highly specialized training in the accounting field, enabling the student to operate in the business area with com-

petence, whether utilizing hand written books, machine accounting or computerized systems. Other courses provide the student managerial training to enable him to move into supervisory positions in the future. This option is recommended primarily for those who want to pursue careers in accounting or who expect to make a great use of accounting tools in their jobs.

COMPUTER SYSTEMS

What does a Computer Systems student learn? See our displays of types of computers

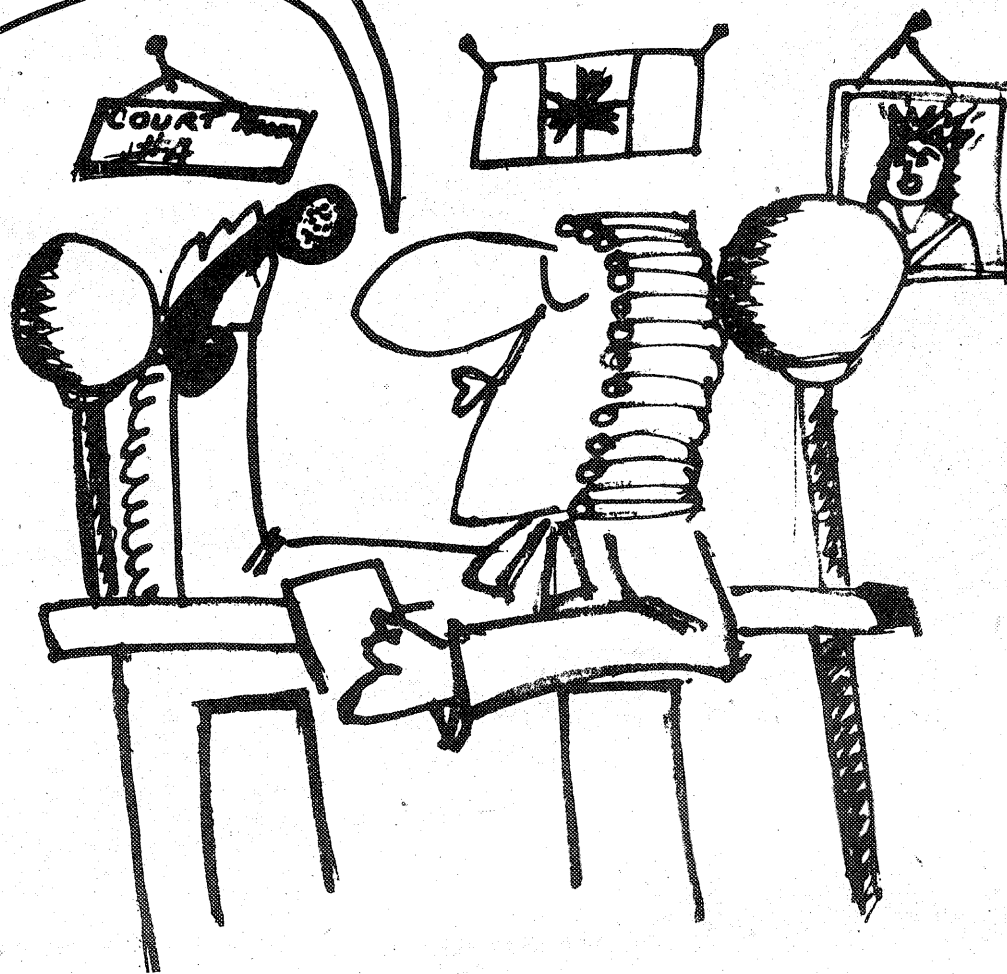


* These two programs are also available through the Division of Continuing Education (Evening Classes).

Note: — Students in first year Accounting, Administrative Management or Marketing Management take a common first year and may choose any of five options in second year.

— Students in first year Computer Systems normally do not have a choice of second year options, but rather go directly into second year computer systems.

What does this say? Come and see the COURT REPORTING BOOTH during open house. It's in the main rotunda.



and the program and the outputs they receive.

Give us your name and we will give you a calendar with your name on it.

This option provides specific training for occupations with an organization's Data Centre; such as Programmer, Programmer/Analysts and Data Control Clerk. In addition to this specific training, general training in administration, systems development, problem solving techniques and general training related to other office occupations is also provided. This option is recommended to those who want to pursue careers as programmers, programmer/analysts, or data control clerks, and to those who expect to use computers extensively in their future jobs.

ADMINISTRATIVE MANAGEMENT

With the emergence of large corporations there is a great need for people with sophisticated management skills. In the future there will be a greater need for management expertise than there has ever been before. Administrative Management has designed a course that will equip a student with managerial concepts enabling him to handle problems at administrative levels in industry and government situations in an effort to demonstrate the techniques involved in business administration a display of P.W.A. is being set up.

BANKING ADMINISTRATION

This course provides specialized training in the administration of a bank. It provides both the knowledge of bank operations and the analytical tools required for the decision making in an administrative position. This option is recommended for those who want to pursue careers in banks or near banks.

Most graduates will begin their careers as financial trainees, analysts, etc. In finance or credit departments of business firms banks, trust companies, stock brokerage firms, real estate organizations and various government agencies.

Building Construction Technology

Everyone needs an escape of expression so that they may better understand themselves, and that others may perceive his character and creative abilities. Some people like to write creative novels or poetry as a means of expression and mind development. Others create their expressions on canvas or in the form of sculptures. All these moods of expression are unique talents which are practised until the work becomes the personality of the individual.

We, in Building Construction, also have unique talents, of wanting to create something tangible; something that, when completed, we may stand back and be proud of; something well done because we have practised our talents, engineering and building. And last but not least something which is a necessity of life, built with our personal touch of safety and design that makes every day living more comfortable.

As you may well have surmised at this point, Construction is a little more than just nail-



ing boards together and pouring concrete slabs. Our course of study includes such courses as:

Surveying
Drafting
Carpentry
Lath - Drywall - Plaster
Statics
Construction Methods
Pipefitting & Steamfitting
Construction Engine
Servicing
Estimating
Wood Design
Steel Design
Concrete Design
Plumbing
Electricity
Soils
Sheet Metal

These are just a few, not to mention a number of concrete courses, materials, and job administrative courses.

Without a doubt, our two years at NAIT are quite busy. The object of the course is not to make us ELECTRICIANS OR PLUMBERS, etc., but to train us to be organizers and job coordinators; to know what everyone in the industry is supposed to do, so that the job will run

smoothly and on schedule.

Besides a wide range of courses, we learn about construction through our knowledgeable, and experienced instructors, who have to be some of the top men in the industry, and who are so involved in our quest for knowledge that they become our friends (they're even involved in the parties and stags).

We are one of the small technologies at NAIT, but are growing in number at a very rapid rate. The reasons for this are many: one is that, because of the knowledge we acquire in our course of study, we are eligible for a multitude of challenging careers in the construction industry. It's like

having a second chance at choosing a career after our studies are over. The opportunities are unlimited for a person with this breadth of technical knowledge and practise in building construction.

Another reason is that the construction industry is growing in volume every year, and is a great part of Canada's economy Alberta, and Edmonton especially, being one of the fastest growing areas in Canada.

We would like to take this opportunity to invite everyone to look us up during Open House and come see how we do things. We are looking forward to meeting and talking with you and sharing our two years of learning

Earth Resources Technology

As new students begin their first year they experience a mixture of subjects that seem rather unrelated. To the surprise of some students (as they start their option program in the second year) they find that the courses become more interesting, related, and dependant on the first year courses they took. Conclusions of the students? As they finish their second year they see a unified course which links into the job world. (They also add that there is a great variety of jobs available.)

The second year options are: Coal resources, Mineral resources, and Petroleum resources.

COAL RESOURCES TECHNOLOGY:

Contrary to popular belief, coal resource technologists are not the people working the shovels in a coal mine. These graduates are your mine engineers. How are they qualified? With a couple years experience they are capable of writing for their mine man-

agement papers; this needs an intensive background, such as is found at N.A.I.T. Such courses as surveying (underground travels and calculations), ventilation (atmosphere control), mining (including blasting, mining systems, mine support systems, underground transport, drainage, tunnelling ...) and production economics (management and supervision, operation plans and control ...) guide the graduating student toward mine management.

Work in the lab, coal sampling and processing, along with mining research make up other possible jobs.

Still, the graduate is capable of geologic mapping, and photographic interpretation to again broaden the students "pick" of jobs.

MINERALS RESOURCES TECHNOLOGY:

What are graduates from this technology trained in? To best explain this a look at the job areas may help. Graduates can work in the lab, working in geochemistry, nuclear physics, mineral and rock preparation, and geological research. Field work includes geophysics survey, geochemistry surveys, mine operation, and prospecting. Finally, in the office, they can perform geophysical interpretation, photographic interpretation, geological and structural mapping, and computer programming and applications. As you can see mineral technologists are people who only work with picks and shovels. They are well qualified in hardrock geology.

PETROLEUM RESOURCES TECHNOLOGY:

What can a petroleum technologist do? A graduate can work in three areas: In the field; in the office; and in a lab. In the field the jobs are numerous: wellsite geologist, working on geophysical crews, well logging, and general oil and gas exploration. In the office they are capable of geological and structural paper work, air photo interpretation, geophysical data processing, along with economic evaluation. In the lab, research into new techniques for extracting and exploring for petroleum resources are now emphasized.

The point of this write-up? a) To inform prospective students of the diversification in Earth Resource, b) to show the great possibilities, a graduate has as he leaves N.A.I.T. and c) to show the public what these graduates are capable of doing.

Do you need further information? See our displays in rooms E221 and E225.

Mechanical Industrial Engineering

If you are looking forward to a promising future, excellent salary and interesting work, the Mechanical Industrial Engineering course at NAIT could be for you.

This course is designed for those who, while mechanically-minded, wish to develop their own mechanical ingenuity. The course is challenging and the rewards derived from it are worthwhile.

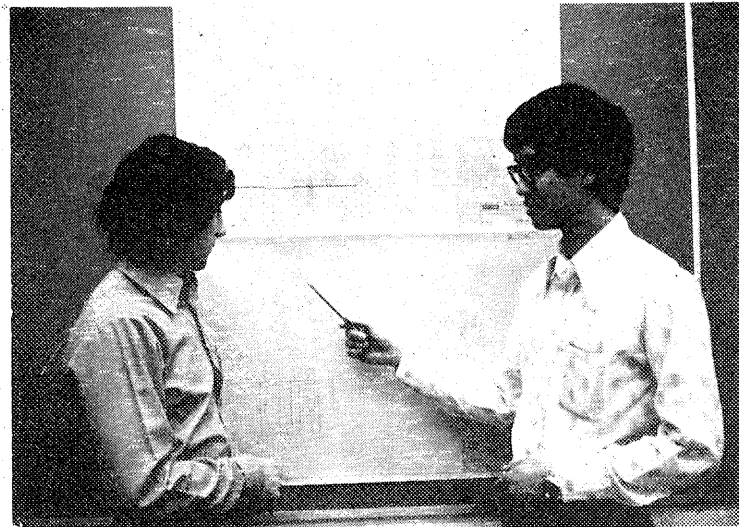
"Mechanical Industrial Engineering" is a new name at NAIT this year. The course was formerly named Industrial Production. The reason for the change was to make the potential student and the industrial world more aware of the actual application of the course. This name change gives uniformity across Canada with the Canadian Council of Engineering Technicians and Technologists.

The object of the course is to familiarize the student with production problems and the operations involved in various types of industry. The course offers a wide field of study so that one is not tied down in one specific area of work. During the two years at NAIT the students are taught the theory of each subject as well as the application of each in industry. Lab work is then done in various sub-

jects to enrich the knowledge of the student.

The job opportunities for grads at present are very good. The jobs are in such numbers

For the first time at NAIT the students in the graduating class were involved in work experience projects. Students were located in various com-



that this year the grads are able to literally pick and choose. Some of the job offers have come from the following reputable companies:

1. Hudson's Bay Oil and Gas
2. Shell Canada
3. Sherritt Gordon Mines
4. A. D. Ross and Company
5. Canadian Cellulose Plant
6. Gulf Oil
7. Canadian Aerospace Industries

panies depending on their personal interest for two weeks of the second quarter. Some of the companies cooperating in the project were:

1. Coult's Machinery
2. A. D. Ross and Company
3. Stelco
4. MacMillan Bloedel
5. Northwest Industries
6. Industrial Research Centre

A few of the many projects

carried out by the students were: Dennis Saby was at MacMillan Bloedel where he conducted a production analysis study to improve efficiency of material usage; Bob Kash was doing mechanical estimating for industrial plants at A. D. Ross and Company; Bruce George was involved in manpower scheduling for assembly of Boeing 707 structures, while Ron Sherstan conducted time analysis and method studies at Stelco. The students found this work experience very beneficial in preparing them for the real industrial working world.

Students in the graduating class participated in the making of a film to describe the Mechanical Industrial Engineering course. This was another first at NAIT, and except for the laboratory processing of the colour film, it was done entirely at NAIT.

The film will be shown during Open House at NAIT, March 15 and 16 in the Industrial Annex in Rooms N105 and N119, situated at the N. W. corner of the campus.

Come and tour our displays at Open House. It will be interesting, informative, and worthwhile, we have as usual, a give away memento of 1974 Open House, designed, tooled up, and produced by the students of M.I.E.T.

Pool events

The pool's the place to be this weekend.

Throughout OPEN HOUSE weekend, the Physical and Leisure Education Department is offering an aquatic program encompassing almost every conceivable water sport there is.

Thursday evening at 7:00 p.m. Nait's Canoe team will have a practice, canoes and all, in

the pool. After tipping so many canoes last fall in the Alberta Colleges Athletic Conference competitions, which they easily won, practising might not be a bad idea.

Life saving demonstrations kick off the activities on Friday. Nait's Phys. ed. staff demonstrating emergency situations and how to handle them, every

half hour.

That goes on until about 6:30 p.m., when swimming lessons for children are just about to start, in the pool's shallow end. In the deep end, the Edmonton (female) Phiranas water polo club demonstrate first, how to qualify for awards in water polo and, second, an actual game.

Around 7:30 the adults take to the pool to learn to swim, again in the shallow end. The deep end is reserved for the 700 Wing Kippers, a rising young group of synchronized swimmers.

The Kippers are only a year old, but already have an excellent reputation. They came second in the Western Canadian final last year in Calgary and are looking for a first this year.

A demonstration on Cance rescue starts at 8:45 and the NAIT Neptune Scuba Diving Club will go through the steps involved in the scuba diving course, covering all skills required to become a Certified Diver by the Alberta Scuba Diver's Association.

Saturday morning, bright and early, the kids will be warming up for the big competitive swim meet. Youngsters ranging in age from 10 to 14 will compete in 20 events - 40 heats.

Amateur competitive swimming is one of the strongest amateur sports in Canada, and is fast becoming one of the most popular. This area has produced champions of international calibre, including the Smith family and Brenda Holmes.

Immediately following the swimming competitions, diving clubs from throughout the province will compete in an actual diving competition. All three boards will be used and each diver is expected to perform six dives, two from each board.

After that is completed, everyone is invited to go for a dip, and enjoy the bestest, beautiful pool facilities in the city.

Fencers sixth in Can-Am

What's a place like NAIT doing competing in a competition open to students throughout North America?

In international events, the calibre of athletes is something less than phenomenal, how could a college the size of NAIT even hope to compete on the same level as the "others", the super-humans?

On March 2 and 3 the University of Winnipeg hosted the Can-Am Fencing Tournament, and NAIT entered three fencers in the epee class.

They came sixth.

Hard to believe? Fencers from NAIT, in an international tournament, finishing sixth.

This phenomenal performance, by Rob Bolivar, Nick Choi and Don Demchuk, won the praise and respect of most of the fencers and presiding officials.

"The team had just a little under four months fencing and, this tournament being their first competition, was the only novice team," said coach Les Klar.

They performed much better than anyone, including themselves, expected. Some of the bouts that our team fenced were not only good but exceptional. As their coach I am very proud of the teams' performance and found this type and level of

competition invaluable for learning and gaining experience."

In personal standings Bolivar finished 12th overall. Choi was 16th and Demchuk, 18th.

An invitation was extended to NAIT, by Winnipeg University, for the Can-Am tournament next year, and it is hoped that it will become an annual event for intercollegiate fencing.






open house 74

YOU ARE INVITED TO ATTEND OUR OPEN HOUSE 1974

friday march 15 9am 10pm
saturday march 16 9am 6pm

NAIT ... HELPING TO MAKE Alberta STRONG!

If you think banking is a dull subject, open a Commerce Savings Account.



Your interest grows and grows.

There are a lot of interesting things for you in a Commerce Savings Account. Like a college education. A carefree summer on the road in Europe. That ten-speed bike you've been wanting. And more.

All it takes is a little patience. And regular deposits in your account. With our high interest rates, you'll be surprised at how fast your account grows.

Of course, you can withdraw

your money when you want it. And if you move we'll transfer your account free, to any branch in Canada.

Open a Savings Account at a Commerce branch near you. It might be one of the most interesting things you'll do this term.



CANADIAN IMPERIAL BANK OF COMMERCE

Technical School Graduate Engineer required

Position will be plant engineer at PALO, SASKATCHEWAN SODIUM SULPHATE PLANT.

Applicant should be familiar with electrical, maintenance, and mechanical design.

Houses available at plant sight.

Salary \$800 per month to start.

Please apply, in writing, to:

H. MacKenzie Millar
Vice-President Production,
Midwest Chemicals Ltd.
P.O. Box 66
Edmonton, Alberta

ATREK CAMPING TOURS

6 Weeks on Tours

Scandinavia/Russia Tour 338.00

European Tour with Greece 375.00

North African Tour 333.00

All Tours Departing from London

CHARTERS TO LONDON FROM \$249.00

BOOK NOW AVOID DISAPPOINTMENT

GREENLEES SMITH

travel

SERVICE

'The company that cares about you'

11106-Jasper Ave. 426-0760

Alberta colleges determine champions



Winter Sports Weekend -- the biggest two days of the year for the Alberta Colleges Athletic Conference.

Athletes in no less than five sports met in two Alberta cities on the weekend to decide the representatives for Alberta and the ACAC in the Four-West championships.

Mount Royal College in Calgary hosted three competitions; badminton, bowling and curling.

Southern Alberta Institute of Technology took the team championship in badminton, with Lethbridge College and Mount Royal College a single point behind.

Northern Alberta Institute of Technology's Lynn Nickel won the women's singles with NAIT's Byron Grey and Ken Kosak capturing the men's doubles.

NAIT coach Al Symington said, "Lynn played exceptionally well, losing only one game in four matches."

"Mental attitude was the biggest thing with the boys (Kosak and Grey). When they did lose it was due to lack of concentration; lack of getting up. Other than that, though, they were just too powerful and too aggressive for the opposition."

NAIT's Lyle Rankin, competing in men's singles, played exceptionally well, but couldn't beat Phil Murray from Lethbridge College, who went undefeated.

NAIT's Women's doubles pair of Wendy Williams and Stephanie Richert had trouble with their opposition as well. This was due though, to lack of experience more than anything else.

Our mixed doubles pair, Judy Hailes and Brian Drake had no chance of winning. The Camrose twosome was just too high-calibre for them, and the other colleges. Francis Tay, the male Camrose mixed player, was part



of a Hong Kong doubles champion team, and he's virtually unbeatable. He, along with his partner, Chris Glendenning, had little trouble in disposing of all the Alberta teams.

Judy developed a somewhat serious muscle spasm half way through the first day's games, which affected her performance the day following. You'll have to ask her which muscle it was that she had trouble with.

Behind SAIT, Lethbridge and Mount Royal in the standings were Camrose, NAIT, Red Deer, Grande Prairie, Medicine Hat and Olds.

Nickel, Gray and Kosak represented NAIT and Alberta at the 4-West Championships, discussed elsewhere on these pages.

In bowling, NAIT easily grabbed the overall title.

In five-man, ten-game sets, NAIT's men look top spot with a total pinfall of 10,388. In women's action, NAIT had to settle for second with 8,433 pins, behind the Lethbridge gals' 9,076 pinfall.

Medicine Hat won the mixed title, knocking down 9,422 pins, only 92 ahead of second place NAIT.

"They bowled crazy!" NAIT coach Gord Lafferty said of his men. "Once they got started there was no stopping them."

NAIT's Ed Oleksak bowled a 313 high men's single, Valerie Sonnenberg rolled to a 258 women's high.

Bowling is not normally considered an intercollegiate competition, but after witnessing all the fun and excitement that goes with a major bowling tournament, this writer can't understand why.

They went wild, every one of them, each time a team-mate got a strike, made a spare, or simply shot better than the last time. Hoorah's and Hooray's echoed through the bowling alley all afternoon as well over 100 bowlers really whooped it up.

And we can't forget the hand-slapping. It always accompanies the hollering, the hand-to-hand slaps you see the football players do when they do something good. Of course you have to slap everyone's hands on your team, even if you have to chase half way down the next lane to do it.

The men's team included Randy Meikle, Sam Boychuk, Ken Evans, Dave Simpson and Oleksak.

Susan Gordon, Audrey Zajac, Irene Dusseault, Bea McDonald,

Andrea Ash and Sonnenberg made up the women's team.

The mixed bowlers were Hans Ryll, Krys Kulikowski, Chris Harrington, Pat Little, Lorraine Gibson, Steve Jackson and Eleanor Dunbar.

In curling, the defending ACAC men's champion NAIT rink (skipped by Noel Fisk) bowed 5-3 to Red Deer.

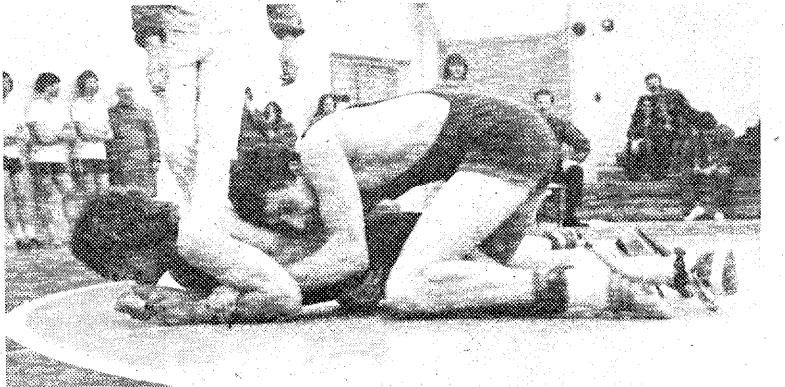
Steve Pelech's mixed rink from NAIT easily beat Grande Prairie in their final 9-2.

Prairie advanced to the 4-West final after winning the ACAC.

"Stevie Wonder" Pelech did it again, winning the ACAC mixed title for the second straight year.

"Mixed didn't have any problem at all. Their last game (against Grande Prairie) they ran them right off the board," said Symington.

At Lethbridge College, NAIT prevailed to take the team wrestling championship with



Coach Symington described his team's performance later. "The men's team from Red Deer made some super shots, and Fisk and his crew just couldn't get the big end."

Fisk, along with third Neil Fleming, second Dave Waddell, lead Ed Wychopen and spare Brian Lowe, had trouble with Red Deer on Saturday morning, as well as in the final.

Wendy Gunther's ladies foursome couldn't seem to get it together in this, their first provincial competition. Third Gail Enright, second Sandy Bennett and lead Donna Leskow, as well as Gunther, all played well, but not all at the same time. Result: some close games but not too many wins. Grande

Lethbridge second and Olds and SAIT third and fourth.

The ACAC should give the trophy to Larry Speers and his team, this is the fifth year in a row they've won.

Kim Israel won his 134 lb. class, John Cusack took the 158 lb., Wally Musial wrestled his way to a win in the 167 lb. division, as well as taking the Outstanding Wrestler Award, as voted on by the coaches. Guy Gant easily took the 210 lb. crown.

In basketball, Lethbridge Kodiaks surprised nobody by defeating Mount Royal 76-72 to capture the men's title. Gary Williams led the Kodiaks with 20 points with Brent Fairbanks adding 15.



NAIT SUMMER HOCKEY SCHOOL



ages 8 to 18

Registration begins on March 18, 1974

NAIT ARENA

July 1st to August 30th

Only \$40 for ten 10 days of instruction

Head Instructor - Garnet Cummings

Coach: NAIT Hockey team



for further information contact the Division of Continuing Education:

477-4385



The Northern Alberta Institute of Technology

hosts

British Columbia
Alberta
Saskatchewan
Manitoba

WEST

Hockey

men's & women's

Volleyball

1974

4-WEST CHAMPIONSHIPS

March 15 & 16

ACAC Volleyball over . . . 'till next year



After three tournaments, the NAIT women's volleyball team finished in third spot in the Alberta Colleges Athletic Conference.

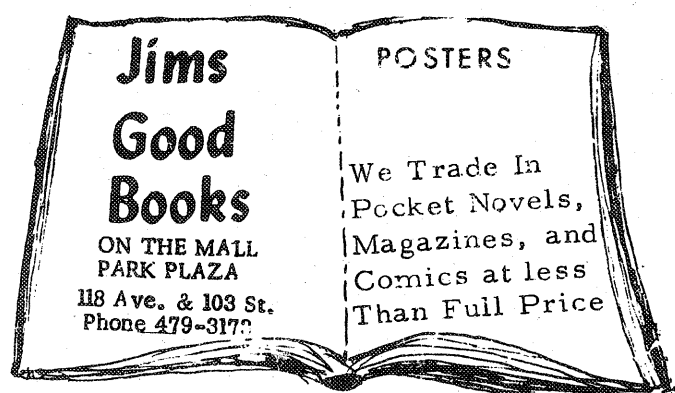
This is the best ever overall performance by a NAIT women's squad.

In the playoffs at Red Deer last weekend, the Oaks were defeated by second place SAIT, our bitter provincial rivals, in a marathon five set match.

It was an extremely exciting match, with SAIT managing to snatch victory only in the deciding set.

A good season can be attributed to a dedicated bunch of gals, led by captain Betty Jeffrey, and the untiring efforts of assistant coach Connie Cissell.

The men, consistent ACAC winners all year, bowed to Mount Royal as well in the final games.



Welcome
4-West athletes

Activities Centre officially opened

It's been five years since any major construction took

place on the campus, and the new Activities Building has given our NAIT skyline a welcome shot in the arm.

The Activities Centre contains a 50-metre pool, six lanes wide, with a maximum shallow water area to facilitate teaching. The deep end of the pool gives us a maximum depth of 14 feet, and the divers work from one and three metre boards or a five metre diving tower.

The multi-storied building makes provision for a variety of activities that are available to both staff and students. There's a rifle range, three handball courts, two squash courts, locker space and sauna facilities. The wrestlers and weight lifters have their own space as well, with rooms approximately forty feet square, designed and built especially for their needs.

And on the upper level, perhaps, the most interesting single feature of the entire complex, it's called a multi-purpose area, but it really is a flat surface 120' by 220', with spectator seating along the west side, that can be used for everything from a dance floor to a skating rink.

The concrete surface of the clear area has been designed to drain to a trough around the perimeter. The original surface is waterproofed, then covered with a layer of insulation. On top of the insulated surface there is a five inch lift of concrete, into which is embedded the freezing coils for artificial ice. With the building completed, we are able to flood the surface, freeze and mark it for hockey, curling or just plain recreational skating. And then after that, the ice can be melted, the surface dried, and we're ready for a dance, a display or a ping-pong tournament.

Incidentally, the building is so designed that access can be gained either through the J-Wing, or directly to the Activities Centre itself. The Centre can, if security reasons dictate, be isolated from the rest of the campus, so that things can happen without creating security problems through out the rest of the Institute.



Labatt's Blue smiles along with you.

NOTICE OF ELECTIONS

NOTICE IS HEREBY GIVEN that there will be an election to fill the following positions of the Executive Committee of the NAIT Students' Association on Friday, April 5, 1974

1. President
2. Vice-President
3. Publications Chairman
4. Activities Chairman
5. Athletics Chairman
6. Secretary

ELIGIBILITY — a candidate:

- must be a NAITSA member in good standing.
- should have an academic standing of 60% or better.
- must be a returning student for the 1974-75 academic year

NOMINATIONS open 9:00 a.m. Monday, March 11, 1974
close 4:00 p.m. Friday, March 22, 1974

NOMINATION FORMS are available from:

- in rooms E133 and E134

CAMPAIGNING

- may commence at 8:00 a.m., Monday, April 1, 1974
- must cease by 5:00 p.m. Thursday, April 4 1974

CAMPAIGN SPEECHES

- 1:00 p.m. Wednesday, April 3 in the auditorium

BALLOTING METHOD

- election shall be secret ballot and the single "X" shall be the system of voting employed
- any irrelevant mark shall render the ballot spoiled

BALLOTING SCHEDULE

- for Friday, April 5, 1974 9:00 a.m. to 4:00 p.m.

POLLING LOCATIONS

- Tower Building; 8th floor and 2nd floor
- Main Rotunda (west)

Issued for NAITSA by
Patrick LaForge,
Chief Returning Officer

The
Northern Alberta
Institute of Technology

hosts

British
Columbia
Alberta
Saskatchewan
Manitoba

WEST

Hockey
men's & women's
Volleyball

1974

4-WEST CHAMPIONSHIPS

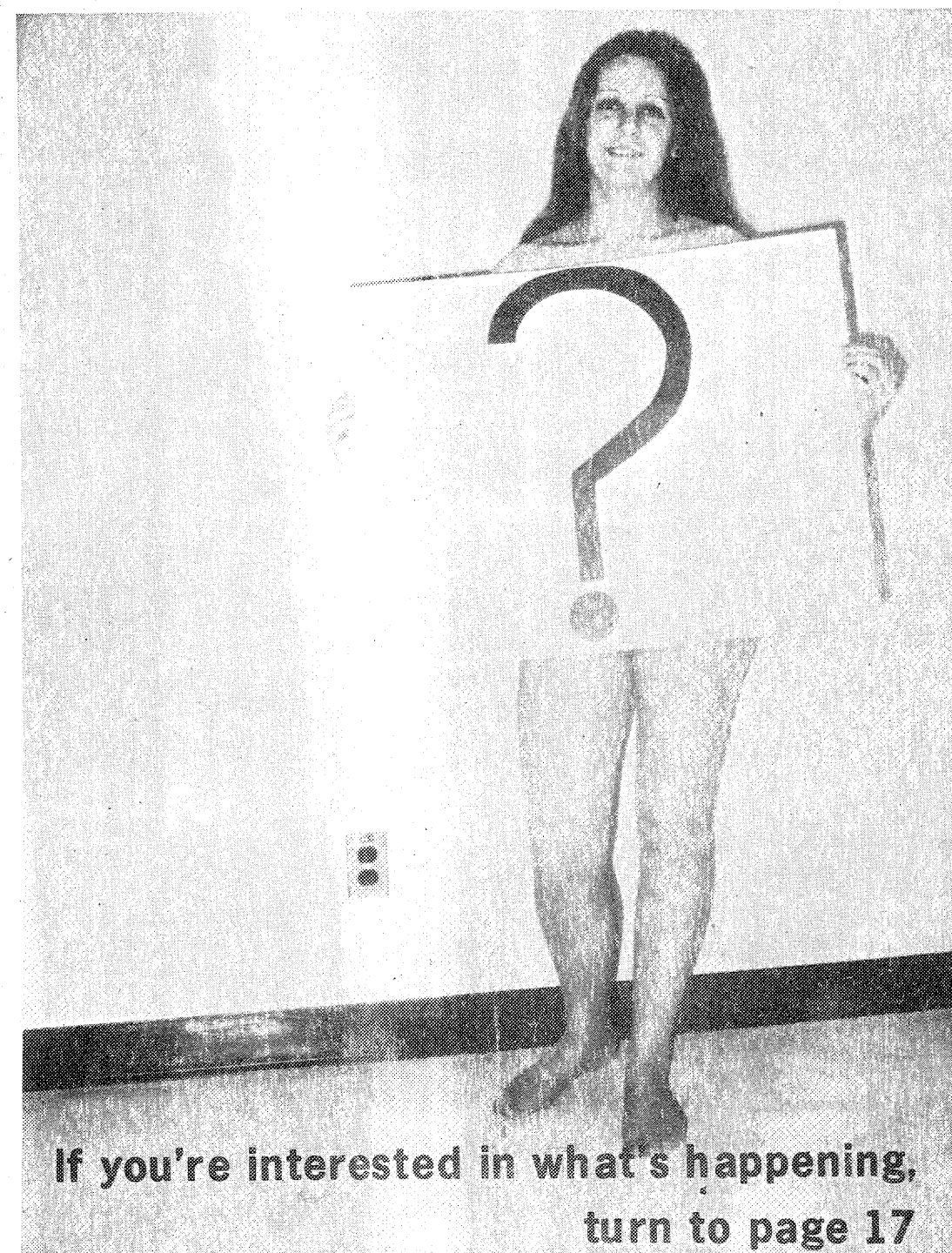
March 15 & 16

NUGGET

friday, march 15, 1974

volume 9, issue 17

northern alberta institute of technology edmonton, alberta, canada



If you're interested in what's happening,
turn to page 17