

Nait Nugget

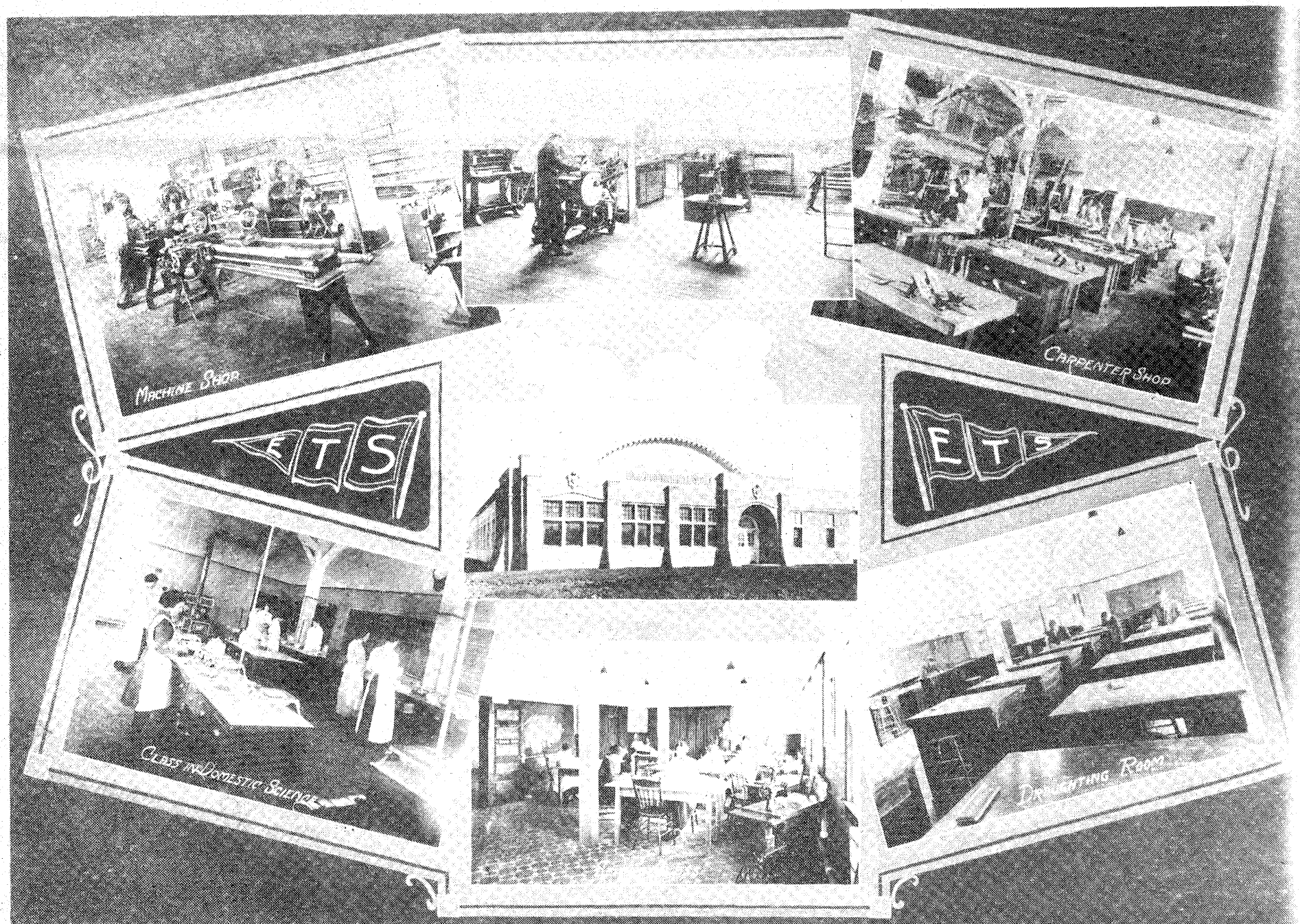
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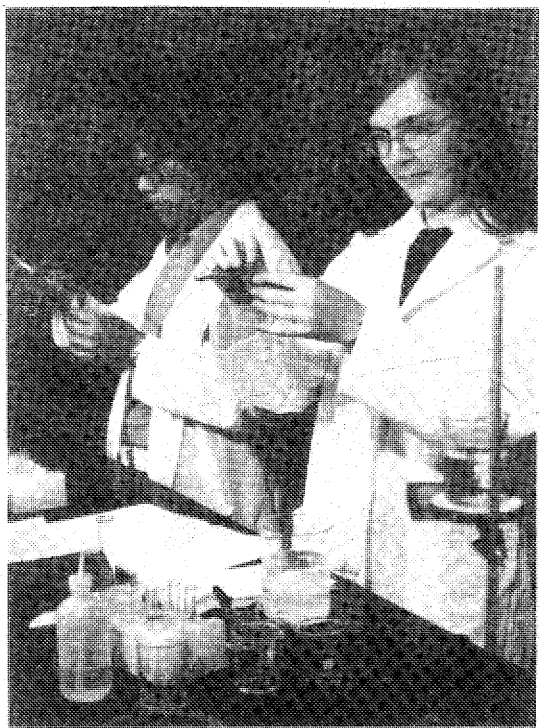
Issue 22

Edmonton, Alberta

N A I T O P E N H O U S E



Edmonton Technical School 1904



CHEMICAL Technology

Expansion in various phases of the Chemical industry in Western Canada has resulted in an increased demand for skilled chemical technologists. Employment opportunities exist throughout Canada for young men and women in many industries; petrochemical, tar sands extraction, petroleum and natural gas processing, pulp and paper, mining, food and beverage industries, commercial and research laboratories and a wide range of government agencies.

Chemical Technology graduates are rewarded by excellent starting salaries and often enjoy opportunities for advancement to positions of greater challenge and responsibility.

The Chemical Technology program at NAIT provides a strong emphasis of fundamental chemical principles, basic laboratory techniques and modern chemical instrumentation. It is designed to train technologists to work with professional chemists and chemical engineers in the range of jobs described above.

The first year of the program offers instruction in the basic branches of chemistry: inorganic, analytical, physical and organic chemistry. In the second year, students take a core program of subjects combined with a choice of one technical option in each quarter. The options include basic chemical engineering, environmental chemistry, microbiology and material testing.

This year, Open House in the chemistry section will feature demonstrations of student experiments typifying the practical components of the two year program. Second year students working on individual projects will

Welcome to Open House:

We hope that you enjoy your visit to NAIT this year. The students and staff have prepared a number of interesting displays for your viewing pleasure that are located not only in the main campus, but in the Plaza II Campus as well (former Park Plaza Shopping Centre).

The Architectural and Building Construction displays, among others, are located in Plaza II. If you are interested in Interior Design, house design, or scale model buildings, be sure to visit the Architectural Technologies displays.

The Registrar and Continuing Education offices will be open to answer any enquiries you may have on courses or programs. Please feel free to direct any questions that you may have about NAIT or its programs to any of our staff or students. If they are unable to answer your query they will direct you to someone who can.

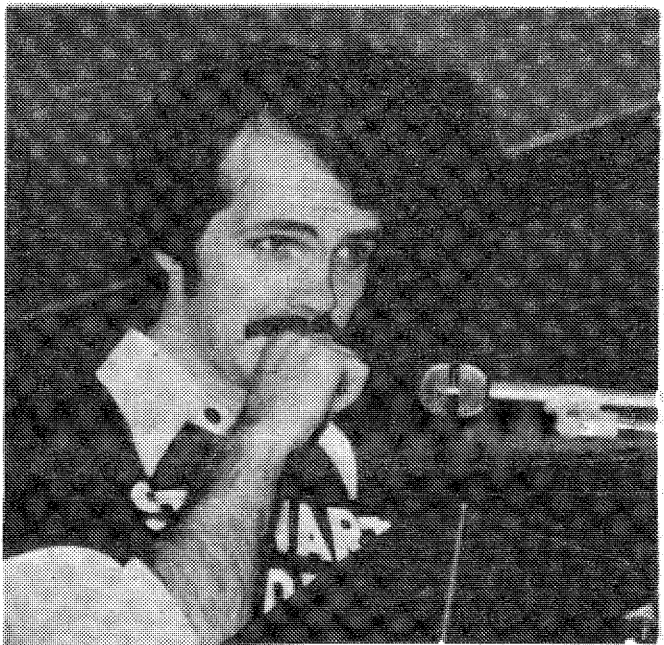
NAIT continues to grow as indicated by the major construction project underway at the north end of the campus. Present day time enrollment is over 6700, and Continuing Education program registrations are in excess of 22,000. Before the term's end, NAIT will have registered in excess of 10,500 apprentices or 53% of the total apprenticeship training for the province.

We welcome this opportunity to provide you with what may be a new insight into NAIT's activities and role in the community through the medium of Open House.

Have a pleasant tour and we hope to see you again next year.

G. W. Carter
President

NAIT'S PRESIDENT WELCOMES YOU



Student Association President's Message

WELCOME TO NAIT!
Your presence here makes you a part of **Open House '79**. Spending some time asking questions at the many interesting displays will give you a good idea of the courses and careers offered here.

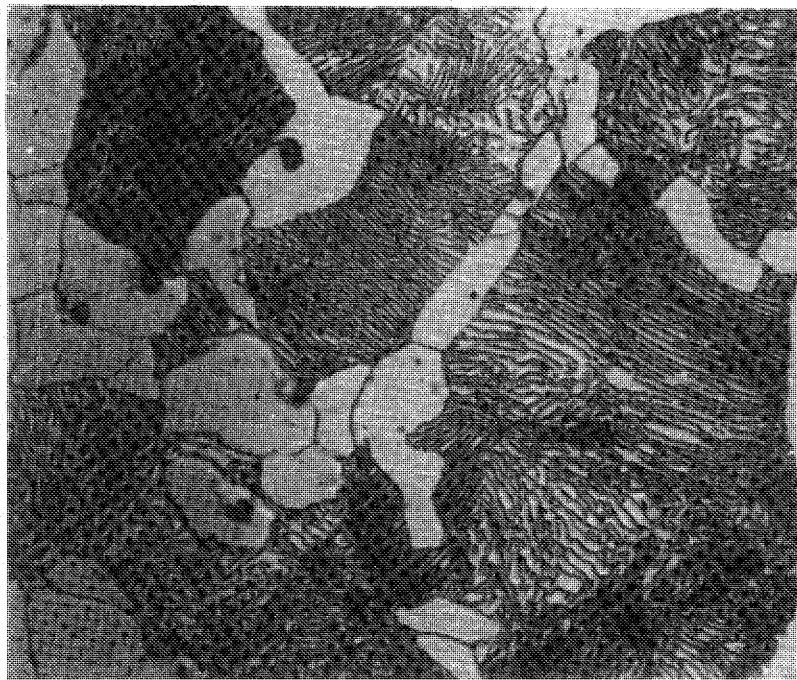
Our school is more career orientated than most post secondary institutions. One's education consists of more than just classes. A great variety of extra-curricular activities are available to NAIT students. Time spent meeting, working, and

playing with people will form an invaluable part of your education.

NAIT can provide you with a well - rounded education which will leave you well equipped to deal with the changing world.

The future of Alberta is bright, and NAIT is an important part of Alberta's future. Have an enjoyable time at our Open House and then decide if there is room for NAIT in your future.

Rick Stewart
President - NAITSA



This photograph shows the appearance of steel magnified 450 times by a microscope. See it for yourself!

Materials Engineering Technology

While at NAIT Open House be sure to visit the **Materials Engineering Technology labs**. They are located in the basement of the G - Wing in rooms G - 5, G - 9, and G - 11.

Among our displays you will see NAIT's electron microscope and other equipment for inspecting the fine structure of engineering materials, such as steel, aluminum, copper, and plastics.

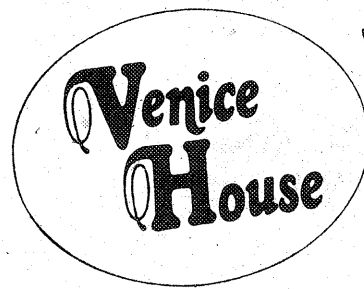
In the **Materials Engineering Technology labs** you will also learn how pipeline welds are inspected for cracks and other defects.

You will see how the

strength and toughness of steel is measured. Technologists and Engineers use such information to design and build pipelines, refineries, buildings, power stations, airplanes -- everything.

Come along! Perhaps you'll want to join us and begin a career in an interesting and growing field in Alberta.

Welcome to . . .

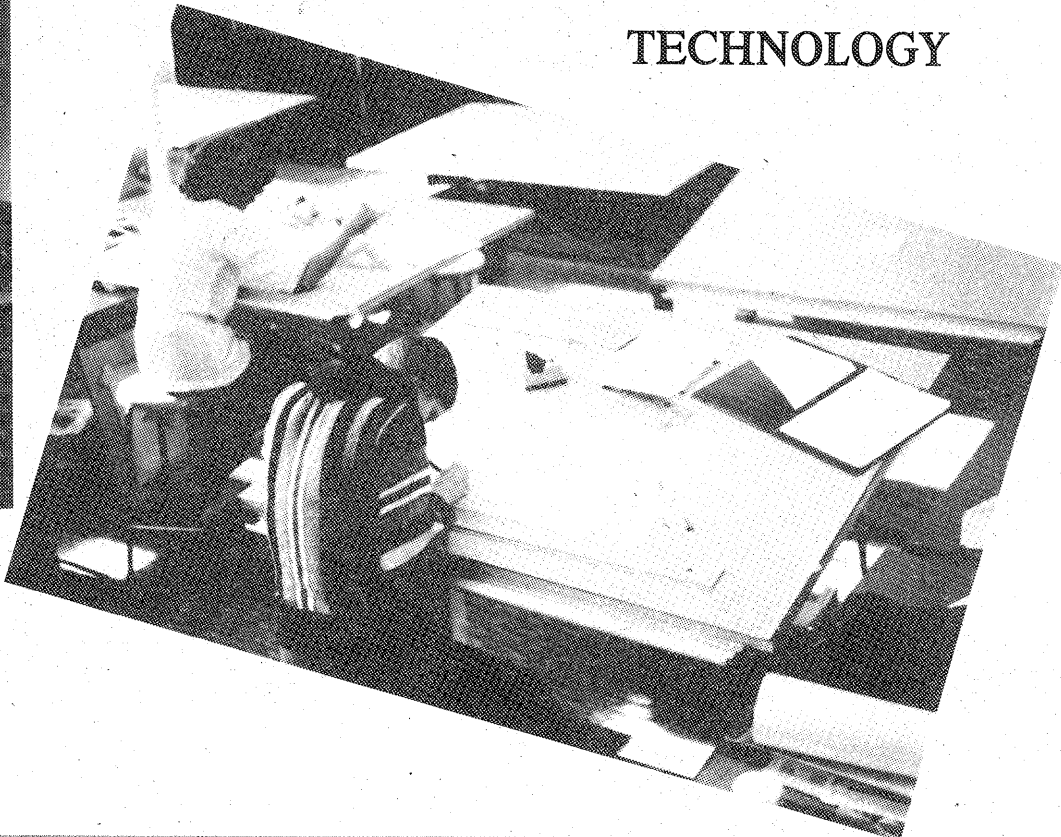
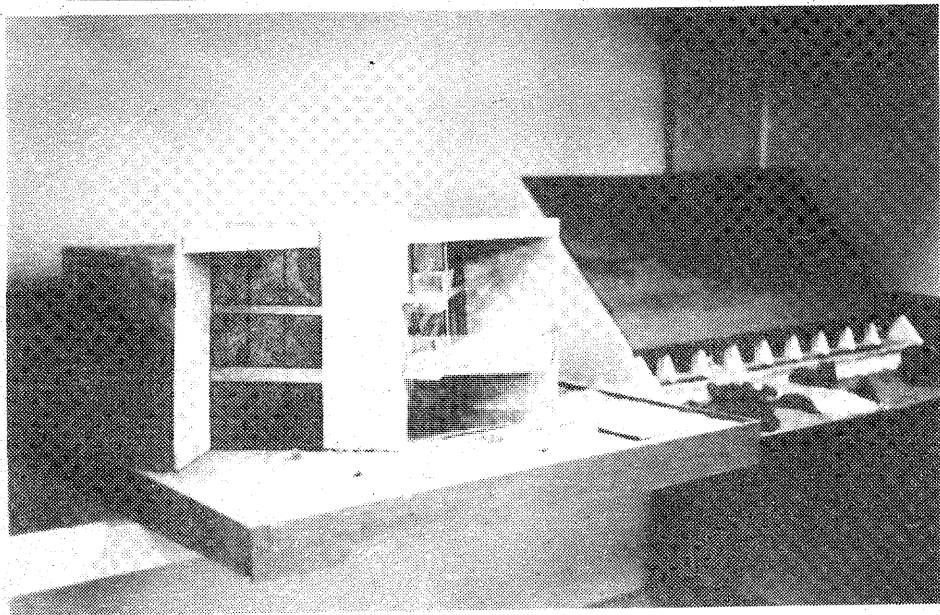


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11AM-4AM THURS., FRI.
10AM-4AM SATURDAY
10AM-1AM SUN.

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ARCHITECTURAL
TECHNOLOGY

TWO - YEAR PROGRAM
September to May

Second Year Options:
Architectural
Interior Design
Landscape Architecture
Urban & Regional Planning

During the past two decades we have witnessed a pace in the building industry which has never before been approached in the history of man. Canada and Alberta are among the vanguard. The multitude of new methods and the great need for buildings of all kinds have combined to produce a complex, vigorous and challenging industry. It is one of consuming interest to all those engaged in it.

The primary objective of this two - year course, Architectural Technology, is to train students to become highly skilled technical assistants to the professional architect. The graduate must be able to detail structures and be competent in producing thorough working drawings. He must be sufficiently conversant with construction problems, materials and methods, so that he can, with experience, perform on - site inspection and supervision of work in progress as the agent of the architect.

This training by no means restricts his field of employment to the architects' office; rather it prepares him for a wide variety of positions in the building industry.

Employment opportunities exist in a variety of sections in the building industry:

- Architect's Offices
- Construction Companies
- Town and District Planning Departments
- Central Mortgage and Housing Corporation
- Civic Building Inspectors Offices
- Drafting Companies
- Trailer - Home Manufacturing Companies
- Building Materials Companies

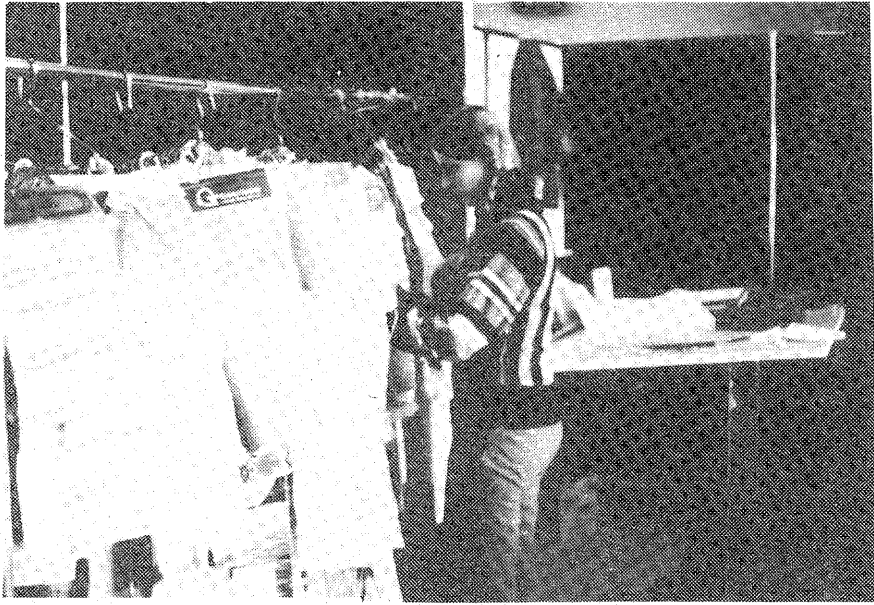
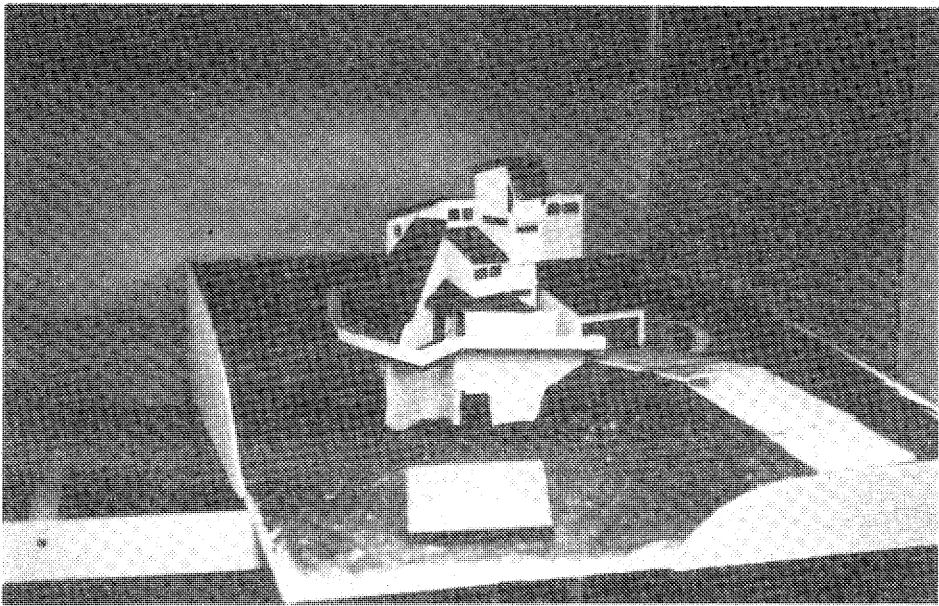
Generally conditions of work are exceptionally good. Offices are spacious and well lighted. Work is regular and steady although the industry is characterized by occasional "rush" and "slow" periods. Consequently, a person engaged in this work may find that the pressure of work is very low at times. He will at other times be working long hours at high pressure. The usual working week is 40 hours' duration.

Payment is most frequently by salary. Most salaries are coupled with increment schemes which are based upon merit or experience. Beginning salaries average to \$750 per month, while salaries of experienced personnel vary from \$1,000 upward.

Grade XII English, plus 50% in a Grade XII Math 30, 32, 33, or 36 and credit in a XII Science - Physics (preferred), Chem or Biology.

Fees: \$320

Come and see our displays in Rooms L242, L246, L267, L263, L244, and L251.



Dietary
Technology

EMPLOYMENT
OPPORTUNITIES

- Graduates may find employment in:
- large urban hospitals
 - medium sized urban and rural hospitals
 - small urban and rural hospitals
 - nursing homes and auxiliary hospitals
 - food service areas of commercial institutions

Dietary Technicians are employed in most of the Canadian provinces coast to coast as well as the Yukon and North West Territories.

OBJECTIVES

The objective of this program is to graduate students who will:

- apply principles of normal and therapeutic nutrition
- supervise the production and service of quality food
- prepare basic meals
- operate food service equipment
- plan menus patterned for clientele
- apply principles of safety and sanitation in food service operations
- maintain necessary records
- apply the principles of management
- implement cost control measures

PREREQUISITES

ENTRANCE
REQUIREMENTS

Complete grade XI English plus 50% in Math 20, 22, or 23; or English 20 and 50% in XI Business and XI Chem. Biology is an asset.

ADULT CONSIDERATIONS

With 3 years of employment and one year in the food industry. All applicants must present themselves for an interview and pre - testing

OUTLINE OF SUBJECTS
Year one (Sept. to May)

course	hours
Food Production and Service	180
Foods	124

Structure & Function of the Body	72
Nutrition	144
Sanitation & Safety	24
First Aid	20
Ethics	18
Food Service Operation	138
Organizational Behavior	96
Food Ingredient Study and Application	60
Therapeutic Diet Application	36
Calculations	48
Communications	36
Record Keeping	60
Typing	60

Total 1116

Year 2

Practical Training (June to March), 10 months.

- SIXTH QUARTER
COURSES (April to June)
- Nutrition Seminar
 - Foods Seminar
 - Organizational Behavior
 - Food Service Operation
 - Inventory Control
 - Food Purchasing
 - Menu Cost Control

FEES & SUPPLIES

Approx \$150 for books and supplies for first year plus uniforms. First year tuition fees are \$220. Accomodation, relocation of residence and travel expenses during practical training (2nd yr) are the responsibility of the student.

DESCRIPTION

The Dietary Technician, a graduate of the 2 year Dietary Technology program, has had formal training in the fields of meal service, food production, normal and therapeutic nutrition, and supervisory practise.

Dietary Technicians are employed as assistants to Dietitians or Food Service Managers in hospitals, cafeterias, or restaurants. With adequate work experience, a technician can assume responsibility of operating a small food service department.

Business Administration Department



OBJECTIVE:

The objective of the programs offered within the Department of Business Administration is to prepare students for careers in the various aspects of the business enterprise.

MAJOR AREAS:

- Accounting
- Administrative Management
- Finance
- Marketing Management
- Computer Systems

At the end of the first year a change of options between Accounting, Administrative Management, Finance and Marketing management can be freely made without any loss of credit.

Students in first year Computer Systems normally go directly into second year Computer Systems.

1. Accounting

The management of financial resources and the provision of management information continues to assume greater importance as business and management techniques become more complex. Administrators of business, industrial and governmental organizations need staff with specific training in accounting.

The objectives during the second year are to provide the student with a good working knowledge of accounting and information systems and the account's role in those systems, familiarity with computer application in business, capability in the use of quantitative analysis techniques, and the ability to derive meaningful relationships in financial data.

2. Administrative Management

One of the dominant characteristics of our era is the emergence of large scale corporations. This phenomenon consists of an unparalleled growth of management skills and sophistication. In Canada's second hundred years, there is no doubt that management expertise will continue to accelerate as rapidly as those of the sciences and the technologies.

These managerial techniques however are of equal importance to small and intermediate size businesses as much as such businesses possess a vulnerability due to their limited finances.

In the Department of Business Administration, the program offered by Administrative Management recognizes the changing dynamics of the business world. This section therefore has designed a course of studies which will best equip the students with the ability to assess the nature and determine the objectives of an undertaking and to generate an environment for their achievement.

In the two year Administrative management program the student is submerged in a course of studies which interfaces the theoretical and the practical realities of the business world.

3. Finance

The highly competitive and often complex nature of today's financial transactions commands a high degree of skill and proficiency at all levels of financial management. This statement not only applies to managers in the numerous financial institutions, operating directly in the financial markets, but also to their counterparts in general business and industry.

The program objective is to provide the student with a good understanding of principles and practices employed by financial managers in the decision-making process involved in effective use and control of financial resources.

4. Marketing management

Marketing is the performance of business activities that direct the flow of goods and services from producer to consumer or end user. The two-year curriculum in Marketing is a study of these activities. The course of study is designed to enable graduates to enter any of the many occupations dealing with the marketing of goods and services.

Typical marketing occupations include merchandising, professional selling, advertising - (both media and agency) public relations work, marketing research, plus a variety of other marketing positions.

5. Computer Systems

The field of computer technology is currently undergoing several changes. Developments have made it possible to access computer networks through terminals while the advent of mini computers has made it possible for many small businesses to take advantage of this modern technology. New applications for computers are being constantly realized, thru increasing the impact of computers on our society.

EMPLOYMENT:

Accounting

Graduates will apply their training as accountants, internal auditors, accounting technicians, cost analysts, payroll, supervisors in related areas, etc.

Administrative Management

Most graduates will begin their careers as trainees in general office, finance, sales, marketing or government departments.

Finance

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

Marketing Management

Most graduates will begin their careers in consumer related jobs as research, promotion, physical distribution, industrial sales, public relations, advertising, retail management and Consumer Affairs departments.

THE SKY'S THE LIMIT



Sometimes the work can make you climb walls.



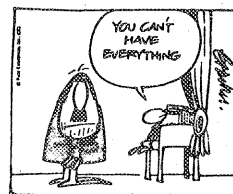
MONEY, MONEY, MONEY, MONEY, MONEY...

COMPUTERS
CHAMPS

Acct. & Fin.
I - M BASKETBALL CHAMPS

B.A.S.
Marketing takes broomball title

Wizard of Id



£ \$?

BUILDING Construction Engineering Technology

This program was established at the request of the Alberta Construction Association to provide a source of personnel to fill positions in administration and supervision within the construction industry. Due to changes in methods of construction in recent years, it is no longer possible to properly job-site train a man from tradesman through to foreman, superintendent of administrator, in the time frame dictated by the requirements of the industry.

Graduates from this program will be dealing with people at various levels in the industry, or will be supervising tradesmen on construction jobsites. The hand skills required of the various trades in the construction industry are not taught in this program.

The student in this program will become familiar with the work of all the usual construction trades, and will acquire a good understanding of construction methods, materials of construction, basic structural design in wood, steel and concrete, surveying, proper use of equipment, methods of estimating costs, scheduling, office procedures and job management.

There is a large and growing demand for people from this program, due to the tremendous expansion and changes within the construction industry. Graduates have found employment as project coordinators, estimators, timekeepers, purchasing agents, superintendent trainees, assessors and building inspectors. Oppor-

tunities for promotion are limited only by the desire, energy and ability of the graduates.

The NAIT Graduate is rated a "Technologist" by the Alberta Society of Engineering Technologists.

A list of required texts and instruments is supplied to the student at registration. All books, stationery, and instruments are available from the Institute Bookstore.

Grade XII English plus 50% in Math 30, 32, 33, or 36. Grade XII Physics an asset.

Consideration for admission to the program may be given to mature people with construction aptitude and experience but deficient in high school credits, and to people with a journeyman's certificate in a construction trade.

But BCET is not only a academic program. Emphasis is also placed on intermural and extra curricular activities provided by NAIT. As this is essential to train them to deal with people and situations. Among these activities that the BCET students participate in are all intermural sports, bridge building and concrete toboggan racing to name a few. To get a full insight on the above activities and course content be sure to visit our display in the Plaza II basement as well as our heavy duty display in the south east parking lot. There will be many students available to answer questions pertaining to any facet of building construction.

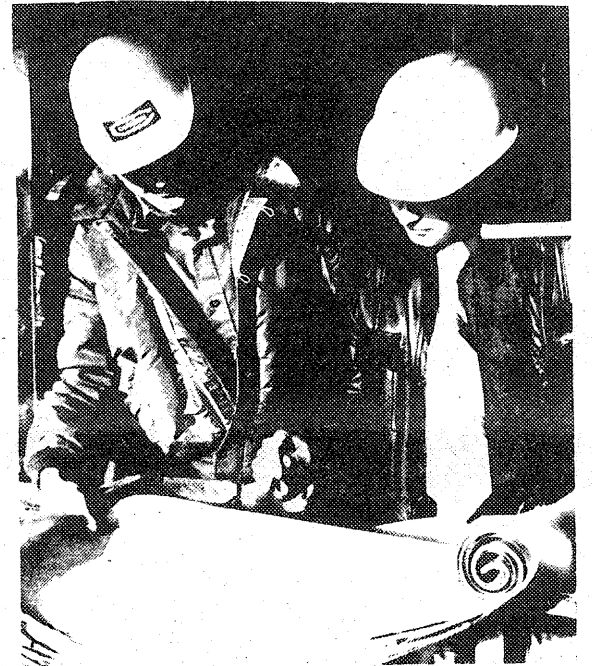
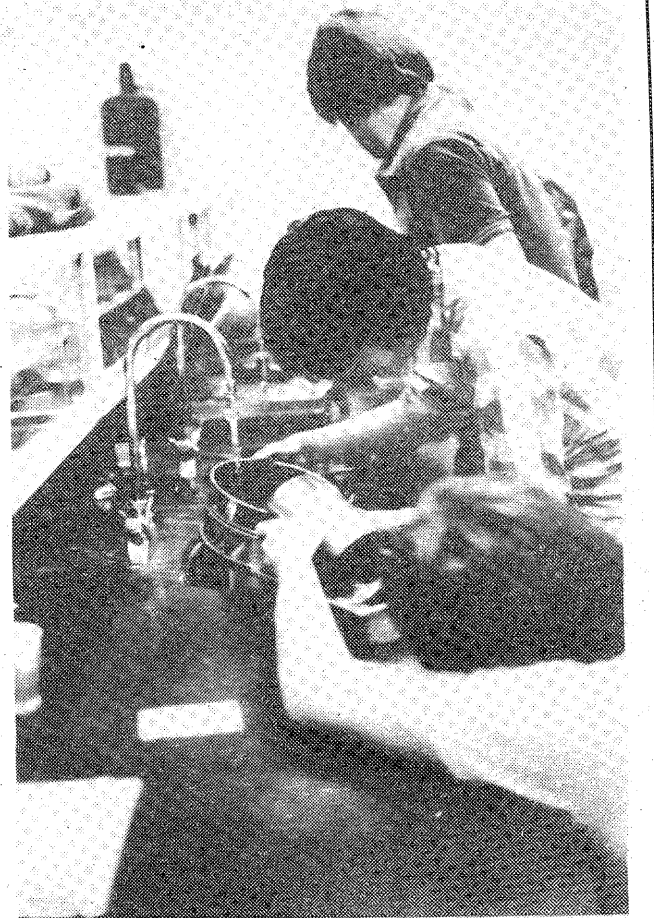
Books & Supplies

1st year \$210

2nd year \$150

Annual Tuition Fees - \$320

Come and see our displays in Rooms L22, L25, L28, L30, L46, L52, L53, L54, and L57.



ing as part of the engineering team in challenging and rewarding para-professional and professional occupations.

The objective of the Surveying program is to train students in the knowledge and skills of surveying in order that they may obtain meaningful employment in an area of their choice. This is accomplished through a Cooperative Education Program, whereby students spend six months in academic studies at NAIT, followed by six months on an actual surveying job, work-

ing as a regular employee at going wage rates. Successful completion of three terms at NAIT and two terms on a surveying job are required for graduation. The Cooperative Program enables students to gain realistic work experiences which enhance their academic studies, as well as helping to defray the costs of education.

Students are eligible for membership in the Alberta Society of Survey Technicians and Technologists, the Alberta Society of Engineering Technologists and the Canadian Institute of Sur-

veying. These organizations are established to keep survey personnel abreast of new developments in the fields of surveying and to allow for classification of personnel according to education and experience.

For students wishing to further their education in surveying after graduation from the program, articulation is possible with universities offering degree programs in the Survey Sciences and Survey Engineering.

Come and see our displays in rooms L213, and L215.



SURVEYING Technology

Rapid economic growth throughout Canada in recent years has resulted in the accelerated development of natural resources, construction of large public works projects and the expansion of urban centres. This growth requires many people engaged in surveying operations who locate and map

natural resources, survey lands for legal titles, build transportation systems and layout large industrial complexes. Surveyors find employment with engineering and legal survey firms, oil and coal companies, local municipalities and various government departments. The surveyor's work is mainly out of doors, which may be working anywhere from within large cities to inside the Arctic circle, although many senior surveyors are engaged in office

work such as computation and mapping. Surveying is an occupation in which the technical skills of measurement are combined with mathematical computations, and may include related areas such as mapping from aerial photographs, cartography, hydrography, geophysics, urban planning, and even making measurements using the stars, laser beams and artificial earth satellites. Surveyors have always been in the vanguard of civilization and settlement, work-

BIOLOGICAL SCIENCES Technology

At NAIT, this is a two year program designed to train students as technicians in either the research or the management branches of the life sciences. The diploma attained at NAIT indicates a person has successfully completed this course of study and is qualified to function in any of several fields.

All students take the same series of first year courses. These include many covering basic biology -- zoology, botany, genetics, ecology, and plant physiology. In addition the student begins to acquire courses which will serve as the "tools" of his or her profession -- courses such as statistics, chemistry, technical writing, drafting and computer science. Not all the student's time is taken up in classes, although more time is spent in classes at NAIT than in most high school curriculums. There is ample opportunity for the students of both the first and second year programs to become involved in either organized institutional sports and other extra-curricular activities or to participate in the many intramural sports, competitions and social affairs.

Near the end of the first year, each student selects one of three optional courses of study for second year. Class sizes are generally small in second year with approximately twenty students going into each program. The three programs are Laboratory Research, Pollution, and Ecological Technology. Although there are a few classes common to all three options most courses are unique to a particular option.

The Laboratory Research program is designed to provide the student with a broad understanding of the Bio - Medical areas but because an introduction is provided to Field Biology the training provides considerable flexibility in job selection. A few of the basic tools the "labbies" become proficient in using include; physiological recorders, spectrophotometers and "wet chemical" techniques. They must also demonstrate an ability to collect and record relevant data. Career opportunities have been excellent for the past nine years. Students may find employment in Forensic Sciences, Anatomy and Physiology, Agriculture and with the Department of National Defense. A senior instructor in this training program indicated people entering the program should realize that those students who are most capable of utilizing their technical abilities in both the lab and in the field have the best chance to take advantage of the broad spectrum of employment opportunities.

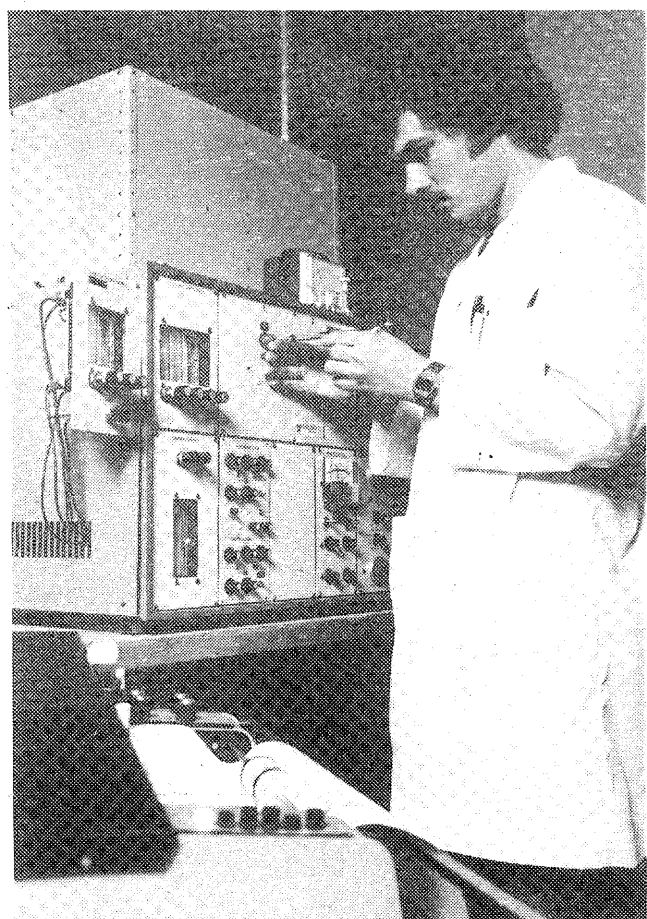
Ecological Technology is environmentally oriented. Courses in Entomology, Surveying, Geology and Public Relations vie with Wildlife management, Limnology and Meteorology for study time. Both land use practices and research are emphasized for fisheries and Wildlife. There is a combination of theory and practical work through lectures, labs and field trips. During three one-week field trips students become familiar with field application of many techniques used to monitor the environment on a first hand basis. Opportunity for individual and team work provides students a chance to decide upon the type of employment they find most suitable.

Graduates find employment as Game and Fisheries Officers with either Federal or Provincial Government agencies, as Provincial or Federal Park Wardens or interpreters. They also are employed by consulting agencies, oil companies and in a multitude of other public and private concerns. Until last year opportunity was excellent for employment but permanent positions have become harder to find these past few months.

Students in the Pollution option learn biological and chemical methods which enable them to measure pollutants in air, water, soil and animal and plant tissue. The techniques involve use of biological, microbiological chemical and instrumental analysis. During the second year the student learns field and laboratory techniques of sampling and analysis of pollutants. Pollution graduates have found employment with Federal, Provincial and Municipal governments, petrochemical industry, pulp and paper industry, mining and consulting firms. The out-

look for employment in this area seems bright for the next several years.

If you are seriously considering a career in the Biological Sciences, we urge you to come in for a chat with the program head or one of the senior instructors, because this program usually has more applicants than openings for students. The visit will help us get acquainted and answer questions for both you and our staff and may facilitate your admission by insuring all the necessary steps in application are completed properly.



Bio Sci "cleans" up Pie Eating Contest



CIVIL
Engineering
Technology

TWO - YEAR PROGRAM
September to May

The objective of the Civil Engineering Technology program at NAIT is to train technologists to assist Engineers in various phases of engineering endeavor.



The Civil Engineering Technology program offered enables the student to acquire a solid background in diversified areas of civil engineering. The two year program is composed of nine major areas of study:

- 1) Structured Design and Drafting
 - a) Steel
 - b) Concrete
 - c) Timber
- 2) Surveying and Photogrammetry
- 3) Highway Design and Layout
- 4) Municipal Design and Layout
- 5) Technical Report Writing and Law
- 6) Materials Testing and Inspection
- 7) Soil, Asphalt, and Concrete Analysis
- 8) Project Management and Estimation
- 9) Computers

Civil Engineering Technology graduates may find employment in planning, design, construction and inspection of highways, railroads, bridges, dams, large industrial, residential or recreational structures, subdivision development, street and sidewalk improvements, water and sewer installations and other engineering works.

The Technologist employed in such undertakings is an important member of the engineering "team", and as such may be required to perform the duties of surveyor, draftsman, estimator, foreman, inspector, or job superintendent.

In order to perform his assigned duties efficiently, the Civil Engineering Technologist must acquire a considerable store of technical knowledge in a variety of fields. He requires sound theoretical education in the basic sciences (mathematics and physics), so that he can apply such knowledge to the solution of practical problems. The fundamental sciences provide the necessary background for the study of engineering mechanics, strength of materials, hydraulics, and other subjects required for engineering analysis and design.

Finally, the Technologist



who is to succeed must be able to express himself clearly and coherently, and must also have a working knowledge of business methods. The Technologist learns business procedures, cost estimating, report and specification writing, in order to supplement his technical knowledge.

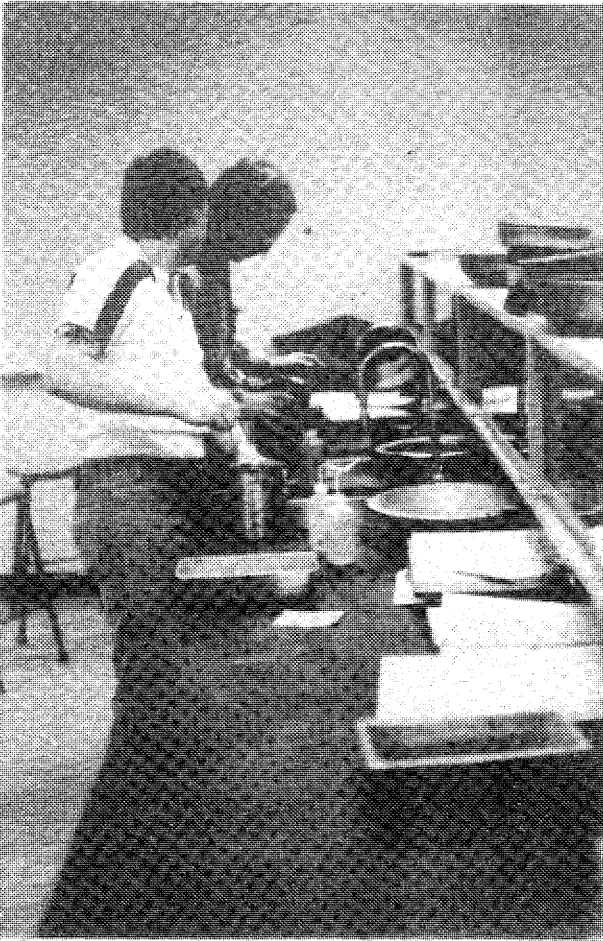
Employment opportunities are presently excellent for the Civil Engineering Technology graduate and are non-seasonal in nature. The educational background of Civil Engineering Technology is sufficiently broad that the graduate finds little difficulty in adapting himself to the varied aspects of engineering in which he is

likely to be employed.

The NAIT Graduate is rated as a "Technologist" by the Alberta Society of Engineering Technologists.

Come and see our displays in rooms L116, L132, L135, and L137.

CIVIL
Engineering
technology



TELECOMMUNICATIONS
and
ARCHITECTURE

first annual

"MADHATTERS BALL"
featuring
"SPUNK"

March 24 8:00 -- 1:00

Tickets: \$4.50
includes buffet lunch
Knights of Columbus Hall
(10140 - 119 St.)

WEAR A HAT



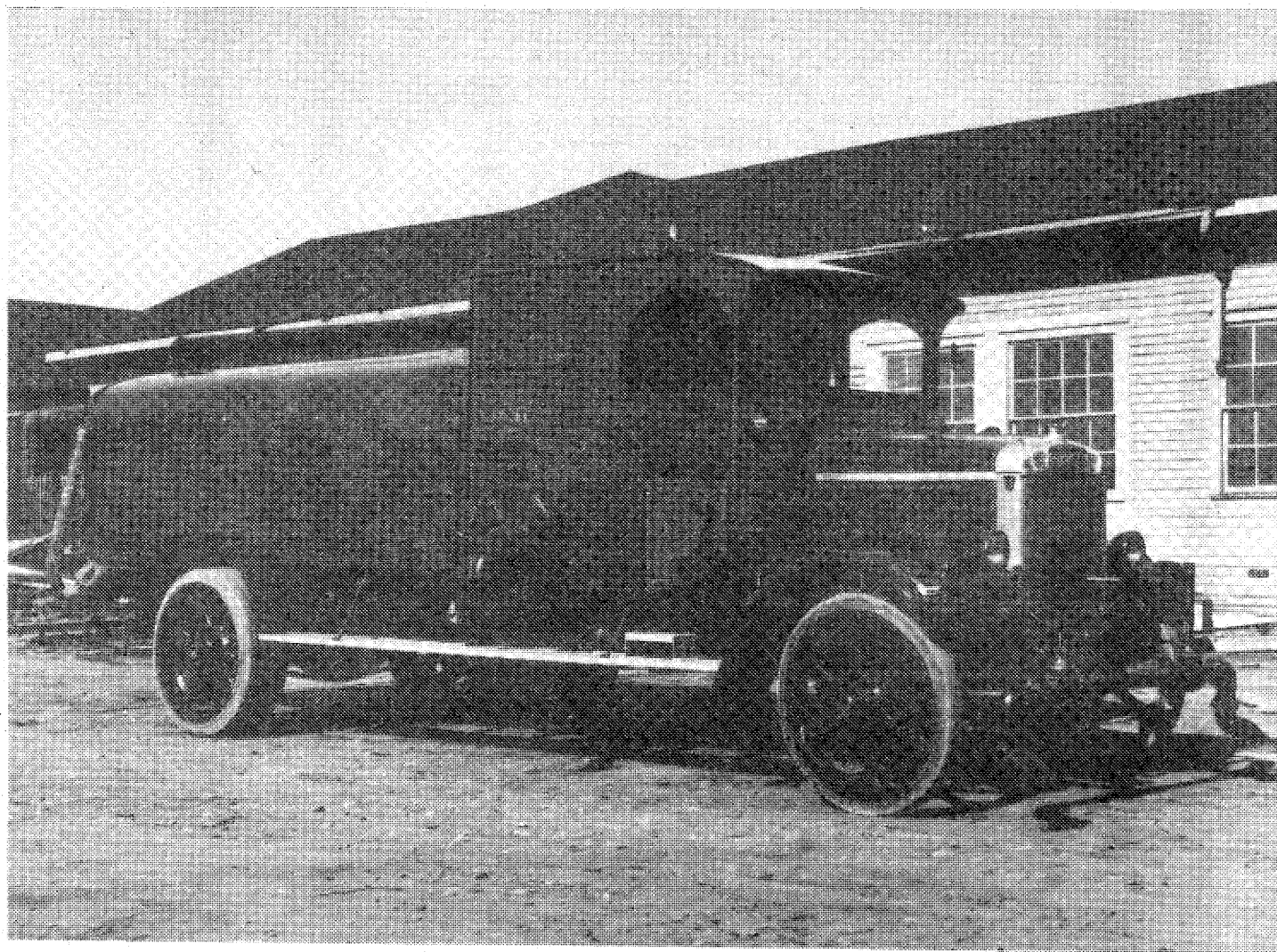
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EDMONTON AS IT WAS ...



Let Us Spray

In pursuit of cleanliness on the city streets, the Engineering Department acquired a street flusher. The tank and pressure equipment was mounted on the back of a Commer truck, the truck and chassis coming from England. You may notice that the driving position is on the right hand side of the cab.

Other features that seem a little strange today were the solid rubber tires and the chain drive from motor to rear axle. The truck and chassis are on display at the Edmonton Artifacts Centre, but the tank itself has long since gone to the scrap heap.

Making a Clean Sweep

Not that sand on the streets was a major problem in the good old days, but by way of keeping the streets as clean as possible, the City purchased an Elgin Sweeper.

It picked up a little of the dust and spread the rest of it evenly over the entire neighborhood. A bit on the temperamental side, the machine spent a disproportionate amount of its time in the shop.



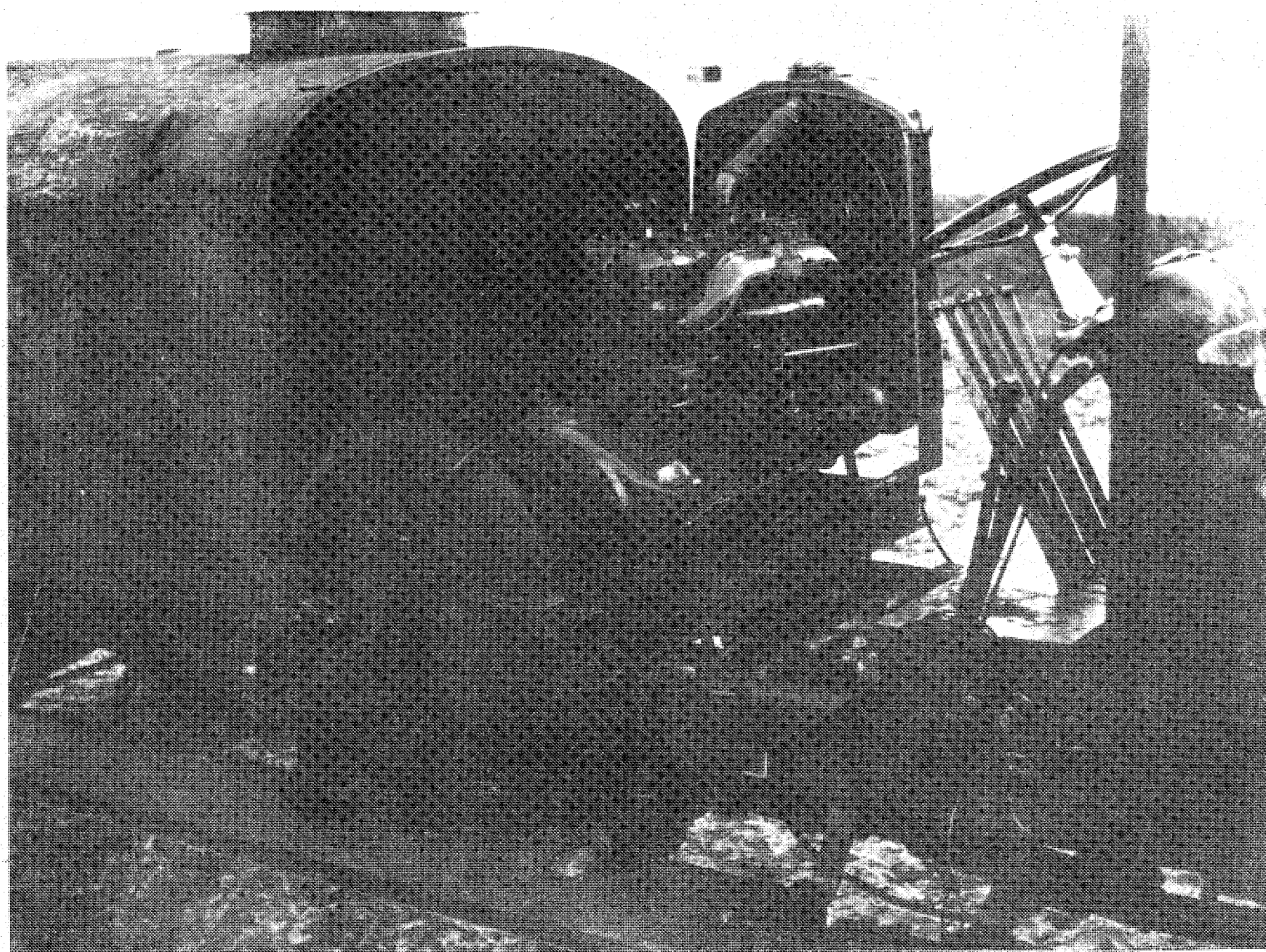
It's called the Commonwealth Stadium Site

You may recall that there was some problem with soil conditions on the site of the Commonwealth Stadium.

This picture explains why. It was called the Rat Creek Incinerator, and it was located right where the Stadium was built. Norwood Boulevard, or 111 Avenue as it is more commonly called, weaves back and forth the way it does on its run from east to west because it followed the Rat Creek Ravine. The ravine itself was filled, in part, with the refuse from the Rat Creek Incinerator. And now you know.

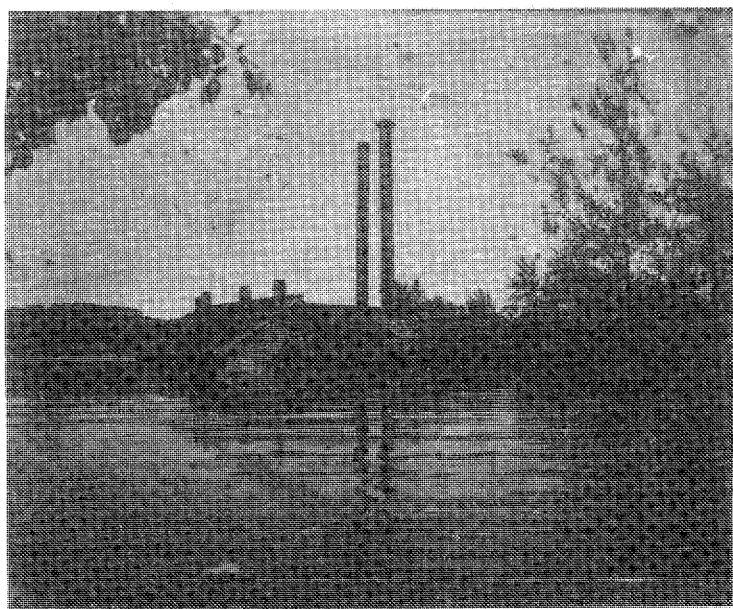
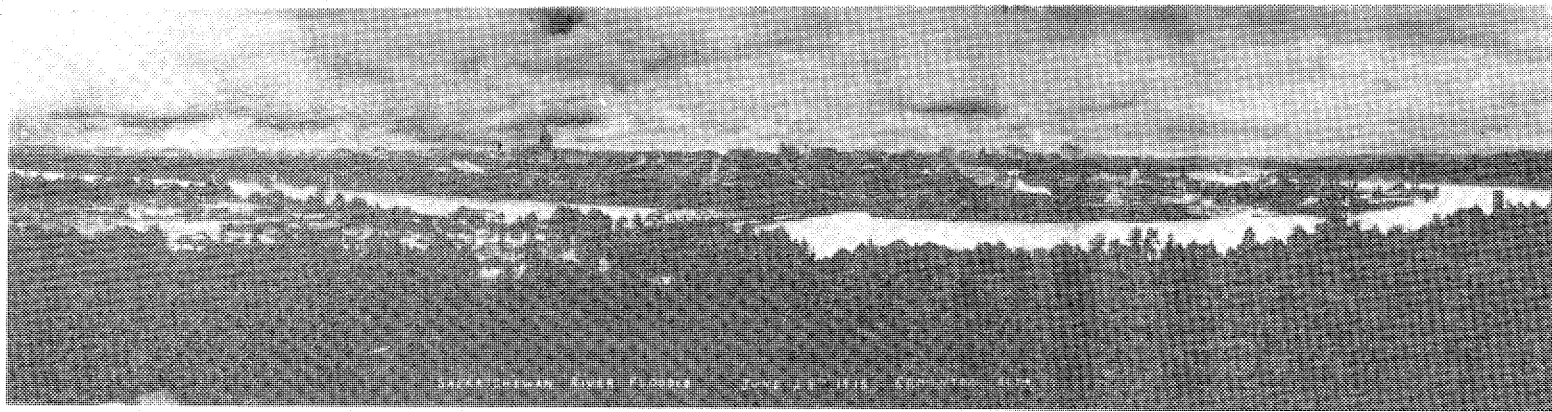


The Power behind the Flusher



A separate engine, mounted behind the driver of the Commer Street Flusher, operated the pump that pushed the water out of the tank and through the nozzles. An interesting point, but the machine was used more in a dust abatement capacity than to clean the streets. The nozzles were positioned to give a side spray over a broad area. One pass down a dusty street, and the dust was dampened down for almost an hour on a hot, July afternoon.

The Year that the Rains came Down



It was 1915, World War I wasn't going all that well for the Allies and the North Saskatchewan River flooded.

Houses in Riverdale and other low areas were flooded, and at one point, trains loaded with gravel were backed onto the Low Level Bridge to add to the stability of the bridge itself. The water level had reached the bridge deck and there was a very real danger that the bridge would be washed out.

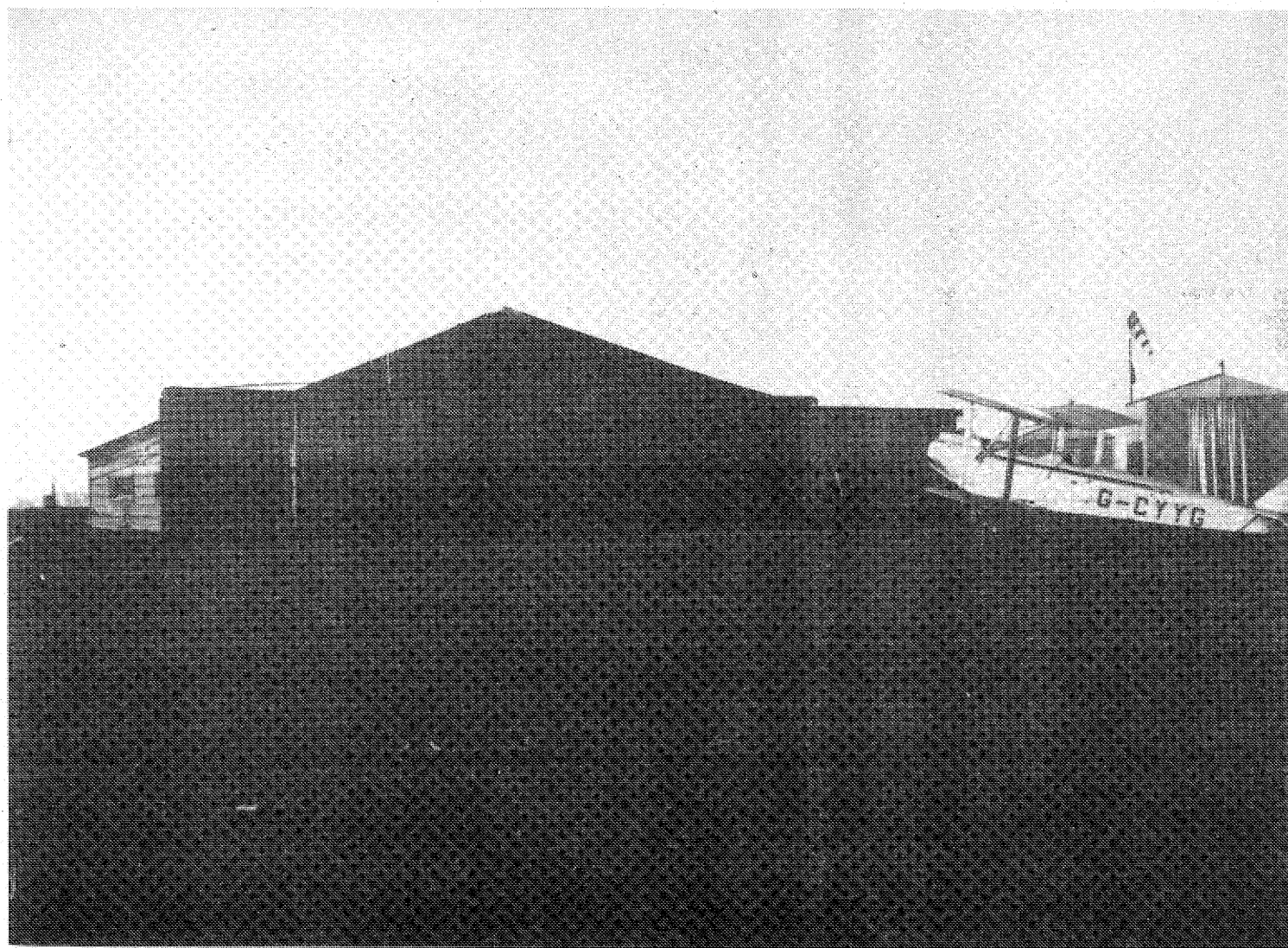
That's right, Virginia, there were train tracks on the Low Level Bridge at one time.

The trains worked their way down the Mill Creek Ravine, across the Low Level Bridge, and then west along what is now the area behind the Royal Glenora Club. The tracks reached the top of the North Saskatchewan River Valley at about 123 Street, looped around and crossed 124 Street at a point close to Stony Plain Road and the Western Cycle store.

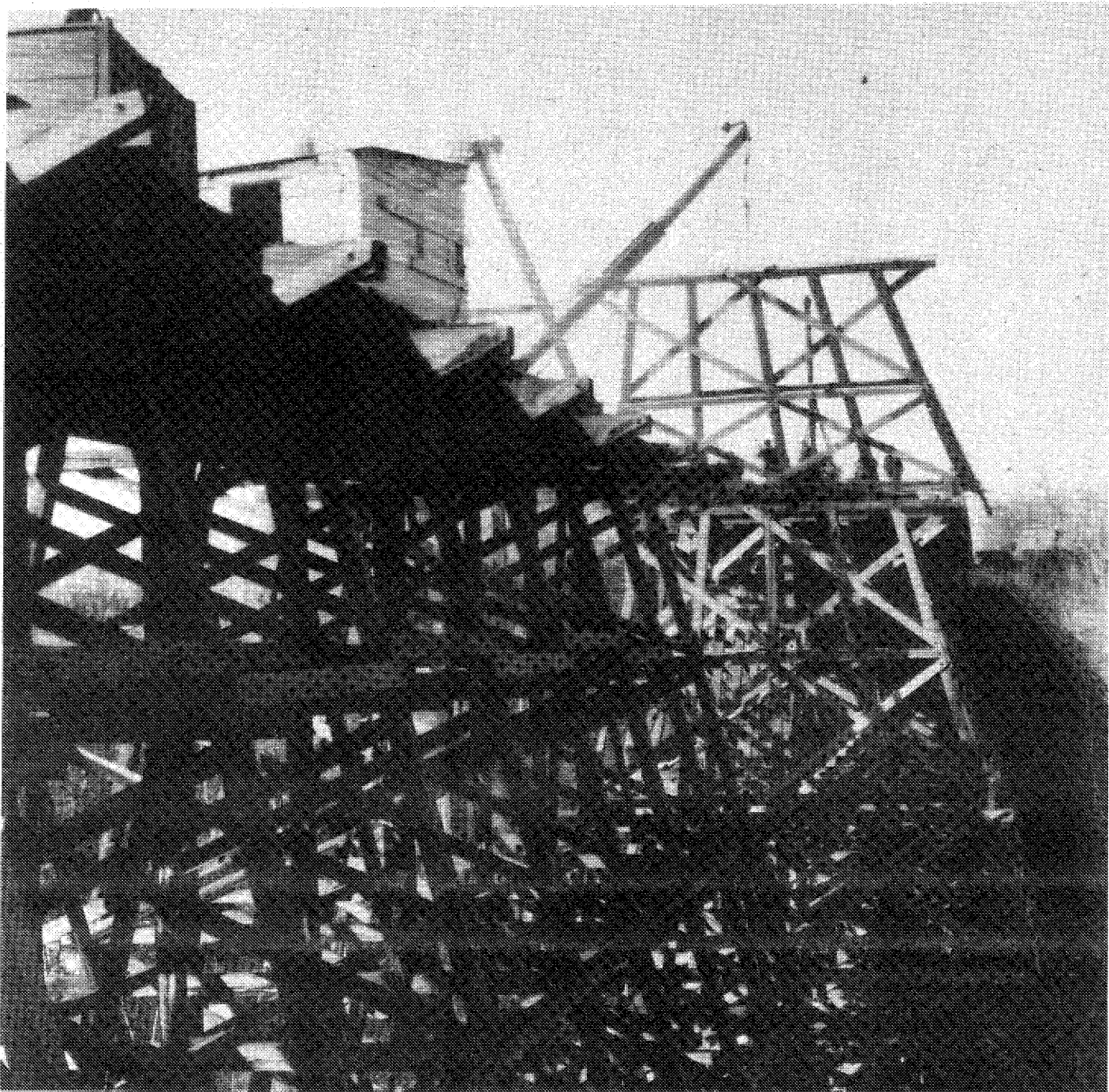
What ! Move the Industrial Airport ?

The original hangar on the Edmonton Industrial Airport, which was called Blatchford Field in honor of Mayor Blatchford of Edmonton.

The Curtis JN - 4 (Jenny) fitted nicely through the hangar doors. Canadian aircraft registrations were prefaced with the letter "G" prior to 1930, and after that date the prefix was changed to "CF". The hangar was located in the corner of the field formed by what is now called Kingsway and 118th Avenue.



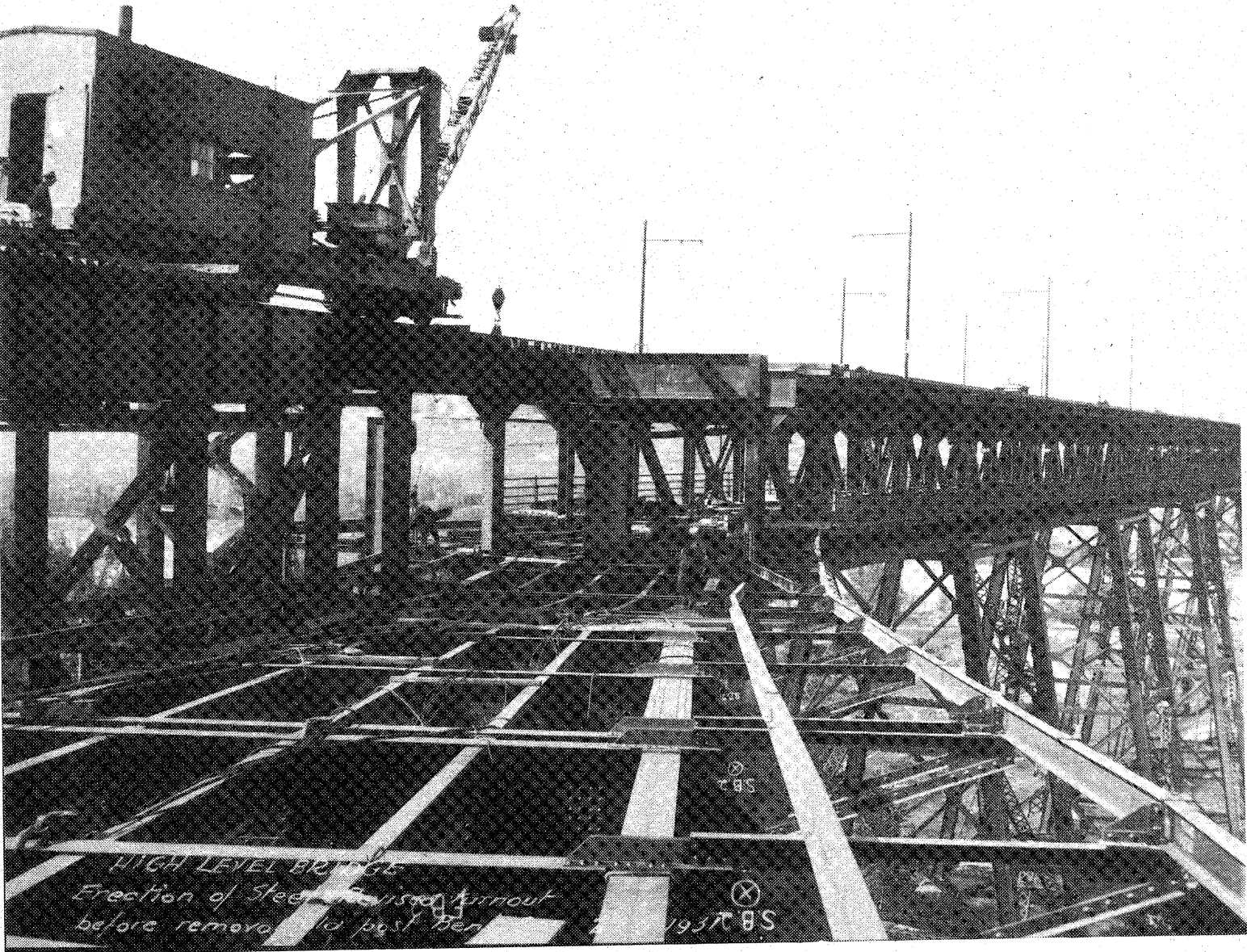
Did someone say McKinnon Freeway ?

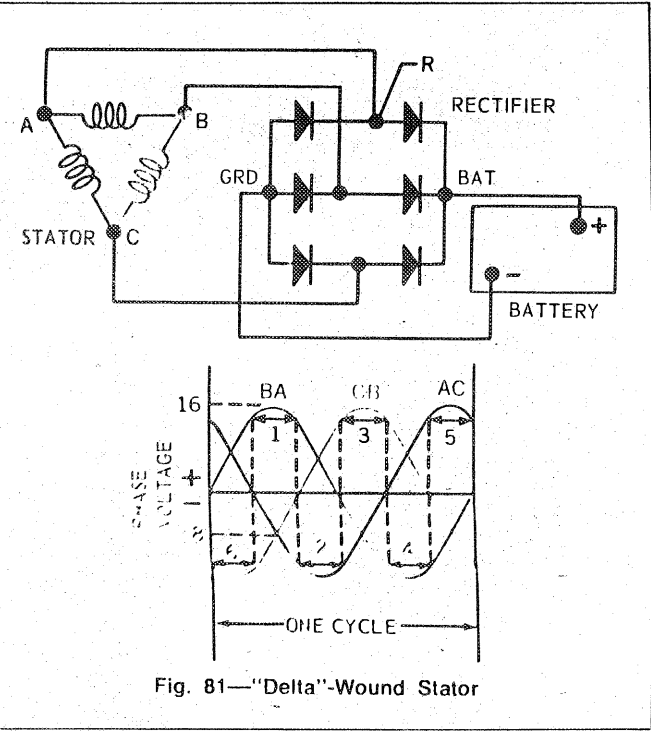


There's more modern bridge over the McKinnon Ravine on 142 Street these days. The new one is steel and concrete, but the first bridge over the ravine was built of timber, and a complex looking structure it was. Steam power provided the lift for the cranes used to hoist the prebuilt sections into place, and from the looks of this picture you'd swear that there were two survey crews working towards the middle of the bridge, and that they held different opinions as to where the bridge should be built. The two halves did come together though, it's just an optical illusion.

Updating the High Level Bridge

Revisions to the approaches to the High Level Bridge were carried out in 1931. Using steam power and working from the CPR tracks on the upper deck, structural steel approaches were built on the south side. The poles along the edges of the upper deck carried the power for the street cars that used the upper deck to cross the river valley.





INDUSTRIAL HEAVY EQUIPMENT Technology

INTRODUCTION

Continuing expansion in the construction, coal, petroleum and petro - mining industries in Alberta has resulted in a dramatic need for heavy equipment service personnel. The heavy equipment service industry encompasses all diesel powered on - off highway and stationary types of equipment.

OBJECTIVES OF THE COURSE

The objectives of this program are to produce graduates, who by virtue of their additional knowledge will emerge in analysis, leadership and design positions in the heavy equipment service industry.

On completion of the program the graduate will have received theory and shop instruction equivalent to that of a heavy duty mechanic. In addition he will have completed special technical training in the areas of engine design and performance characteristics, diesel, electric generation, electric drive equipment, and hydraulic system design. Complementary courses will include related math and physics, the development of communication skills and an introduction to the supervisors role. The accepted career pattern in the service industry is to also obtain certification as a Heavy Duty Journeyman Mechanic.

Graduates desiring the heavy duty journeyman qualification will require an employer who can sponsor a 24 month work experience apprenticeship contract. Full technical credit may be recommended by the employer and a heavy duty Interprovincial examination written at the end of the 24 month period.

SPECIAL NOTE

If a student wishes to leave the program after successfully completing his first year, the apprenticeship board will grant him 1st and 2nd year apprenticeship technical training credit, and one year of time credit toward his Heavy Duty Journeyman certificate.

EMPLOYMENT OPPORTUNITIES

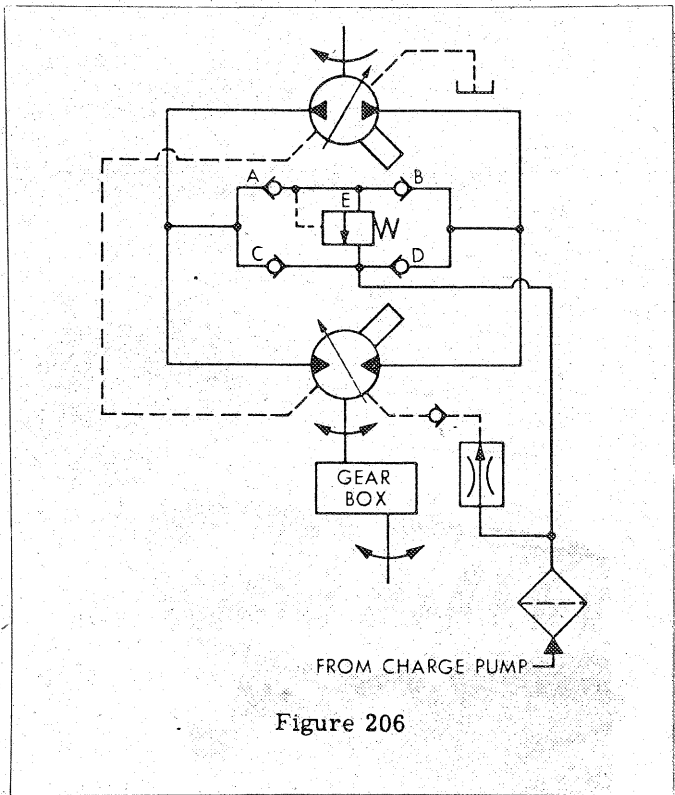
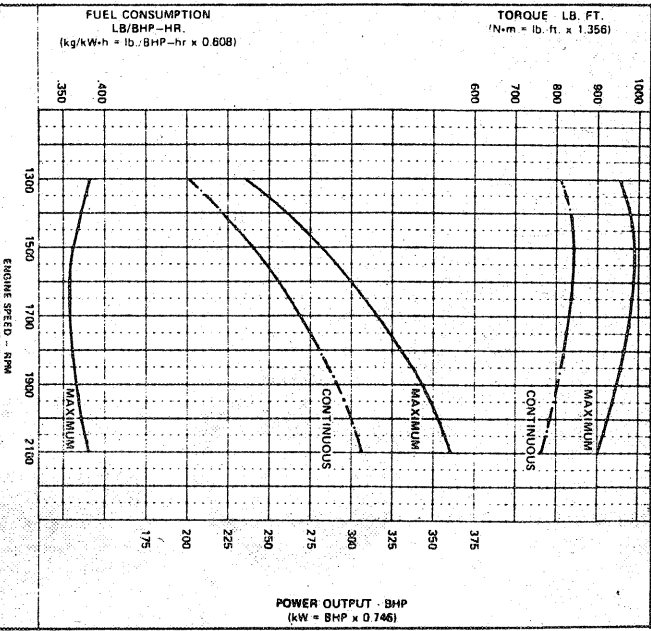
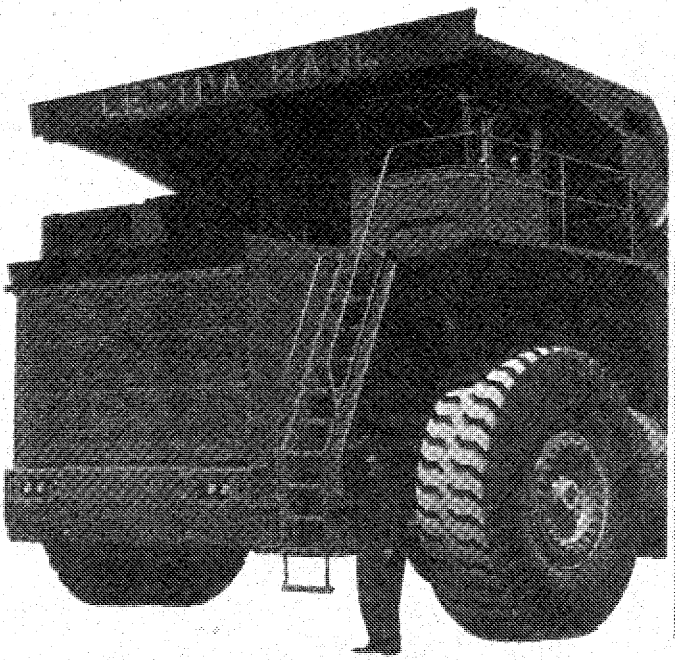
Opportunities for employment in this field appear to be good, with starting salaries ranging from \$700 to \$1,000 per month for a first year apprentice and \$12,000 to \$16,000 for a journeyman mechanic.

EDUCATIONAL PREREQUISITES

High school diploma or equivalent with 50% or better in math 30 or 33. Physics and other math courses are an asset.

FEES AND EXPENSES

Tuition fees are \$320 per year and the student can expect books and supplies to cost about \$300 for the 2 year program. It is not necessary to buy tools for the shop work as they are available from the tool crib in the shop area. Room and board for those away from home can be \$200 to \$300 per month.



DENTAL MECHANICS Technology

Dental Mechanics Technology is a branch of the dental sciences that specializes in the health service of replacing all natural teeth in one or both arches and the maintenance of those arches and their surrounding environment.

In order to do this it requires an understanding of the foundation upon which the dentures are to be made; its components, properties and qualities must be analyzed to assure support for the proposed denture(s).

Influences from within and those from without must be evaluated to assure successful results. This knowledge of anatomy and physiology is acquired in the two year program at NAIT.

The dental mechanic deals directly with his patients and therefore must like people.

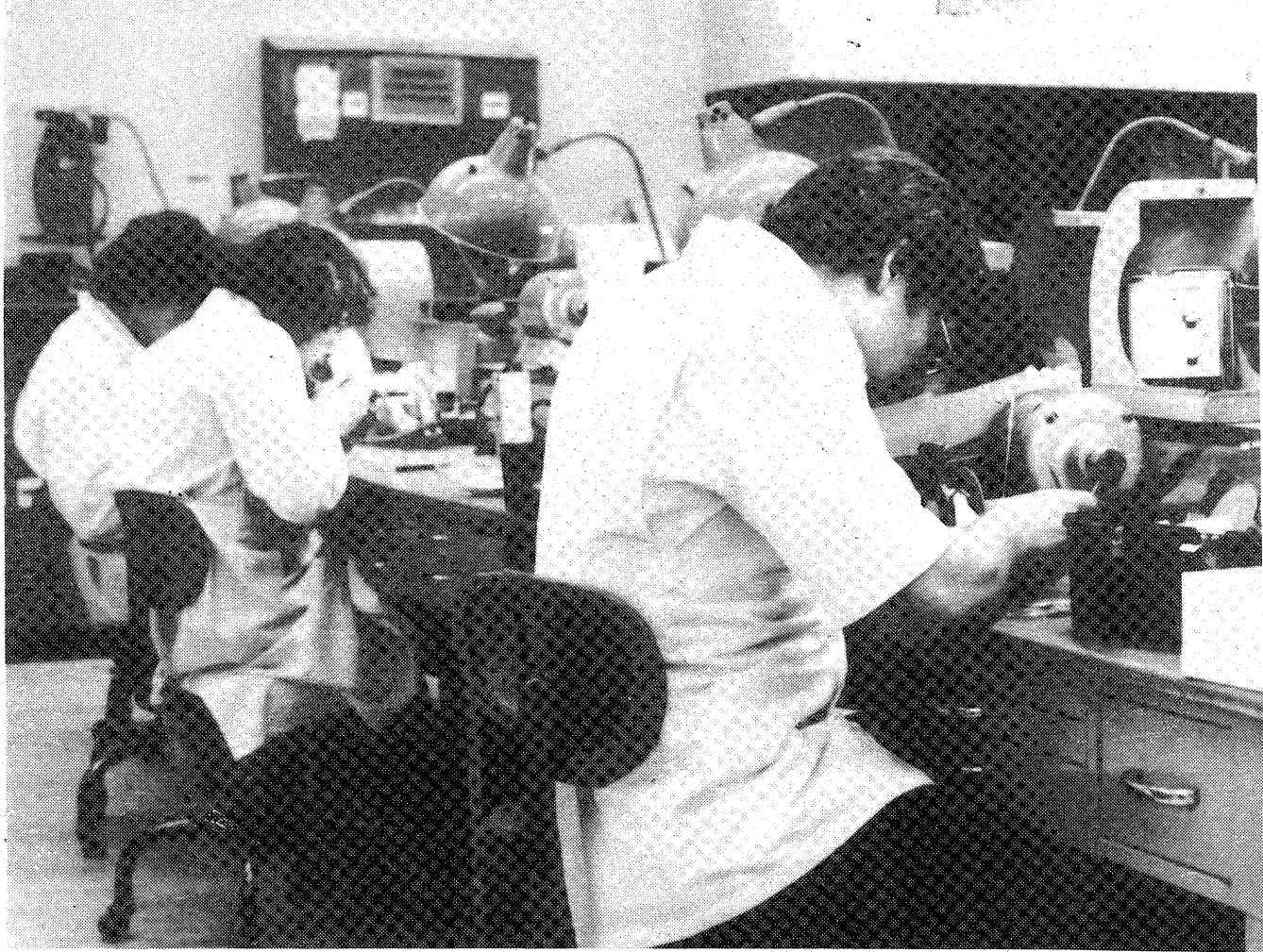
Another important aspect of complete denture construction is the psychological aspect of treating people. You treat this patient as a whole being not just the area in which you are directly working.

A comprehensive and accurate evaluation of the patient's mental and physical capabilities along with the general health has a great effect on the acceptance or

rejection of the new appliance.

The actual construction of the artificial appliance has many different methods and materials but requires initially a combination of skill, ability and manual dexterity.

These natural talents will be further developed in the program and in the life long study and experiences afterwards.



DENTAL TECH'S BAKER'S PALACE

Rm E102
Fresh baked goods, coffee,
and pop

rather than fighting cafeteria
crowds

relax at our concession
during Open House

DENTAL Technicians Technology

The modern dental technician is part of a dental health team in which the dentist is the main member and the technician a necessary auxiliary.

Dental Technicians Program is designed to provide within a relatively short time, necessary manual skills, technical knowledge which will enable the prospective dental technician to be an indispensable asset to the dental profession.

Prospective dental technicians must possess a high degree of manual dexterity and the necessary skills in working with the dental materials of dentistry.

NAIT offers this two year program which will provide the student with a sound theoretical knowledge in dental anatomy and terminology, bacteriology, dental materials, physics and effective communication.

It will also provide a considerable store of technical knowledge in the construction of complete upper and lower dentures, removable partial dentures, crowns, bridge work, ceramics and orthodontic appliances.

Employment opportunities are presently excellent for the Dental Technology graduate. The educational background of Dental Technology is sufficiently broad that the graduate finds little difficulty in adapting himself to the work atmosphere in which he is likely to be employed.

NAIT Graduates may apprentice in a dental laboratory, or in a group dental practice prior to taking their provincial examination. Upon certification, a technician may open his own laboratory, or continue to work in the industry.

INSTRUMENTATION Engineering Technology

The Instrument Society of America defines Instrumentation as "the art and science of measurement and control." It involves the use of and / or work with instruments which range from simple mechanical float level controls to complex computer based rocket guidance systems. At NAIT, our program concentrates on the industrial instrumentation necessary to automate Alberta industries. With industry becoming increasingly automated, the capital layout for instrumentation is increasing considerably; hence, creating requirements for technologists in many areas of work.

The instrumentation program is designed to meet the challenge of this rapidly progressing technology by providing a sound technical background in mathematics, science, pneumatics, electronics, process measurements, process controls, and digital computers. Students are given training in a well equipped laboratory with functioning process units instrumented with pneumatic, electronic, and computer controls.

The Instrumentation Technology graduates are employed in many areas of the industrial instrumentation and control field. These include sales and service, drafting and system design, installation, start - up, and maintenance. The instrument manufacturers need well - trained specialists to maintain, modify, design,

and / or sell their instrumentation products. The consulting and construction engineering offices require Instrumentation Technologists to plan and specify automation systems for new industrial plants. Industrial process companies require the Instrumentation specialists to troubleshoot and repair measurement and control systems as well as necessary to improve these systems.

The growth of process industries in Alberta and the rest of Canada indicates the steady demand for instrumentation Technologists. The petroleum, natural gas, tar sands extraction, pipelines, pulp and paper, chemicals, power, and fertilizer industries are all prominent in this expansion. These industries are increasingly dependent on measurement and control systems to keep the process operating smoothly and efficiently. Also more rigid clean air and clean water regulations require both industry and government to expand their monitoring and data acquisition systems, all leading to challenging careers for imaginative instrumentation technologists.

Instrumentation graduates are eligible for membership in the Alberta Society of Engineering Technologists after two years of suitable industrial experience. A journeyman certification in the Instrument Mechanic trade may also be obtained after acceptable field experience and appropriate qualification examinations.

ELECTRICAL Engineering

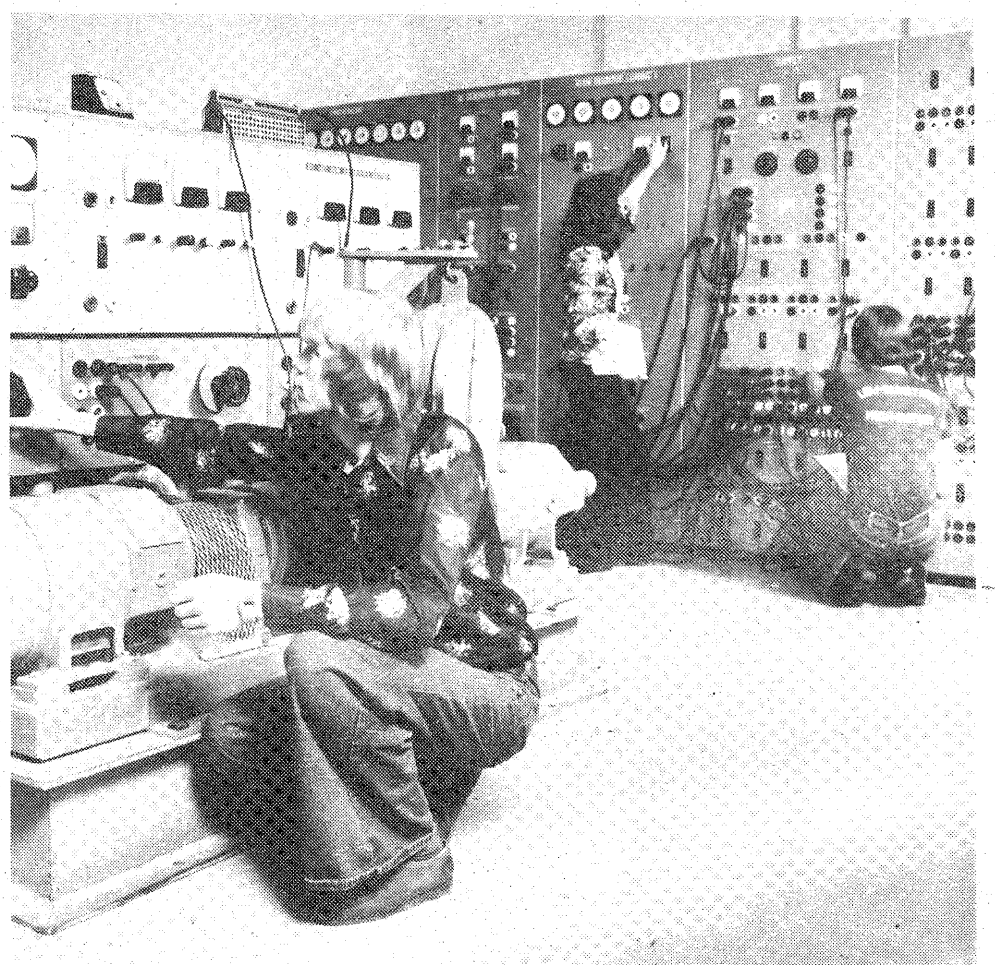
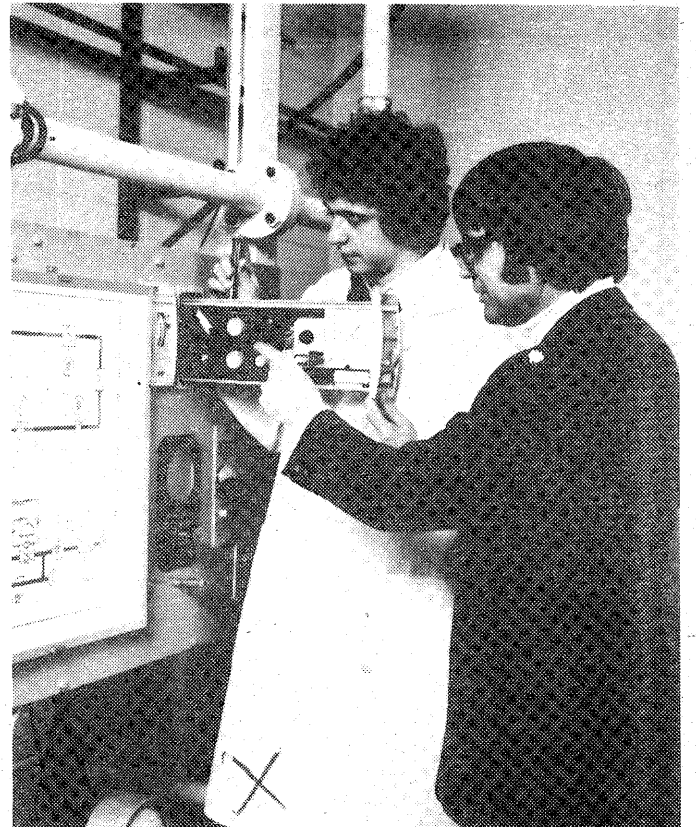
Alberta's rapidly expanding industrial needs requires that Electrical Power Generation must double every seven years.

The Electrical Engineering Technology program at NAIT is designed to produce skilled technologists capable of filling the needs in all aspects of the electrical field.

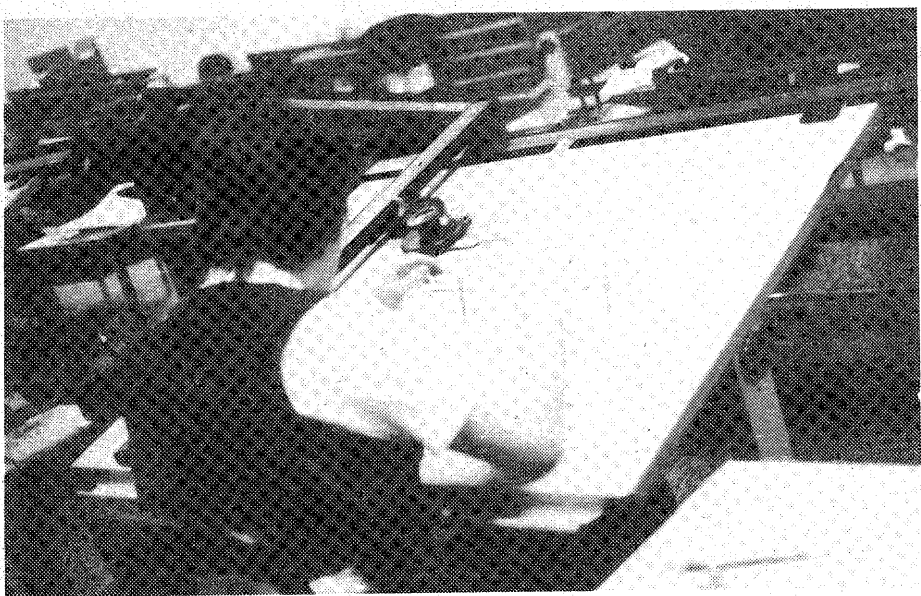
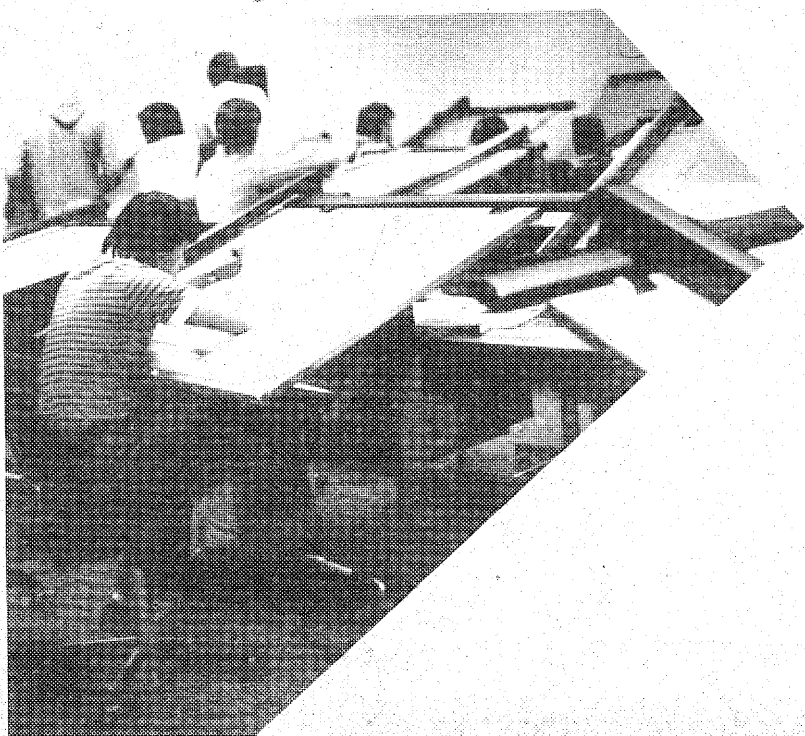
Graduates find employment in challenging and interesting careers in electrical design, maintenance, installation, and sales.

The program provides intense studies into a complete range of electrical subjects such as: AC & DC Theory, 30 systems, motors, generators, Industrial Electronic Control systems, protective relaying, transmission and distribution systems, supervisory and telemetering controls, and basic computer programming.

Students find the course interesting, educational and practical. For additional information displays of actual work performed, Electrical Tech students are located in the A - Wing of the Industrial Building.



Engineering DESIGN AND DRAFTING Technology



A challenging career lies ahead of the graduate of this two - year program. The continuing expansion of the industrial base of Western Canada has created a shortage of personnel who are capable of interpreting into working drawings, the designs and concepts for buildings, bridges, public and private utilities, extraction and manufacturing plants and many other works of an engineering nature.

The program is designed to prepare the graduate not only to transfer the ideas of others onto paper in the form of drawings, but also to assist in the selection of components and assemblies.

The acquisition of technical knowledge and communication skills by the students in EDDT has proven to be a valuable stepping - stone to advancement.

While artistic skill is not a requisite, there is no doubt that it is of assistance to the student. Of equal or greater importance are neatness and accuracy in drawing, calculating and writing. The Technologist will combine these characteristics with an understanding of the basic design aspects of engineering to work as an assistant to the Professional Engineer.

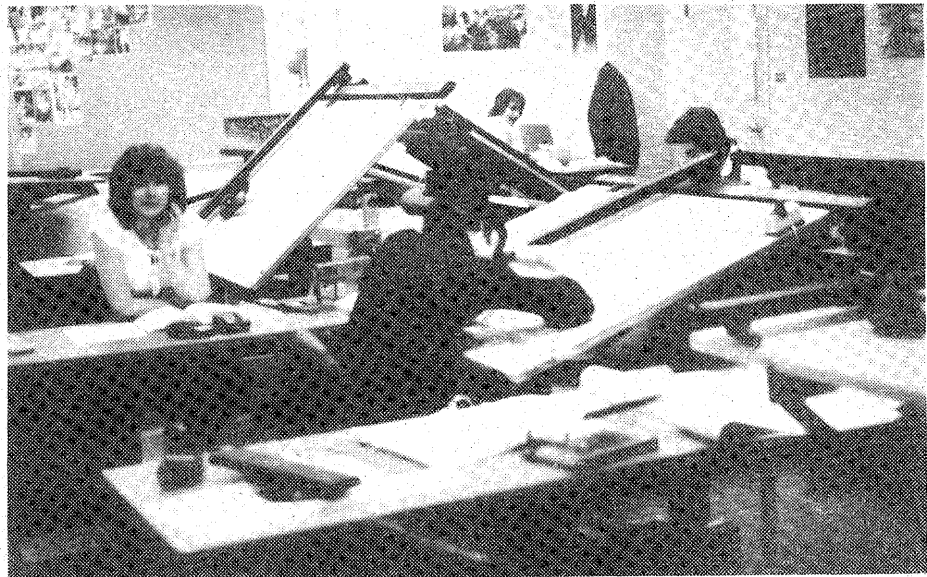
This is an ideal career for young women, and they will find it a challenging alter-

native to the more traditional female roles.

Graduates find themselves in Federal, Provincial and Civic engineering offices, with consulting engineers, surveyors, manufacturing plants, and utilities companies. Former students will be found primarily in Alberta, but have taken the reputation of NAIT to New Zealand, Australia, Africa and other countries.

Graduates of the program are eligible for certification as Technologist with the Alberta Society of Engineering Technologists, after two years of suitable experience.

Come and see our displays in rooms L169, L172, and L148.



Mechanical Industrial Engineering Technology

Best known to NAIT staffers for the entrepreneurial ambitions of its students. Time and again these students have planned and carried out the manufacture of attractive Open House souvenirs such as chess sets, bookend cannons, desk lighters, etc. The constructive aggressiveness required to carry out group projects successfully based on mass - production techniques is indicative of the type of student normally attracted to MIET: practical, application oriented and utilitarian.

Many technical institutes offer a Mech Eng Tech, quite a few provide an Indus Eng Tech, but very few have a training program such as MIET which combines the important skills of both lines of study.

The obvious advantage of this broad based training is occupational flexibility and therefore excellent employment prospects. So, if you are not sure whether you can be happy doing the same kind of work or work in the same industrial field all your working life, you owe it to yourself to consider MIET as

a base to build your industrial career on.

The major areas of employment of the graduate of MIET are the Manufacturing Industry and the Resource Industry. Occupations in these field cover a wide range.

- Industrial Engineering
- Design
- Plant Engineering (Operations & Maintenance)
- Estimating
- Production Planning and Control
- Technical Representation

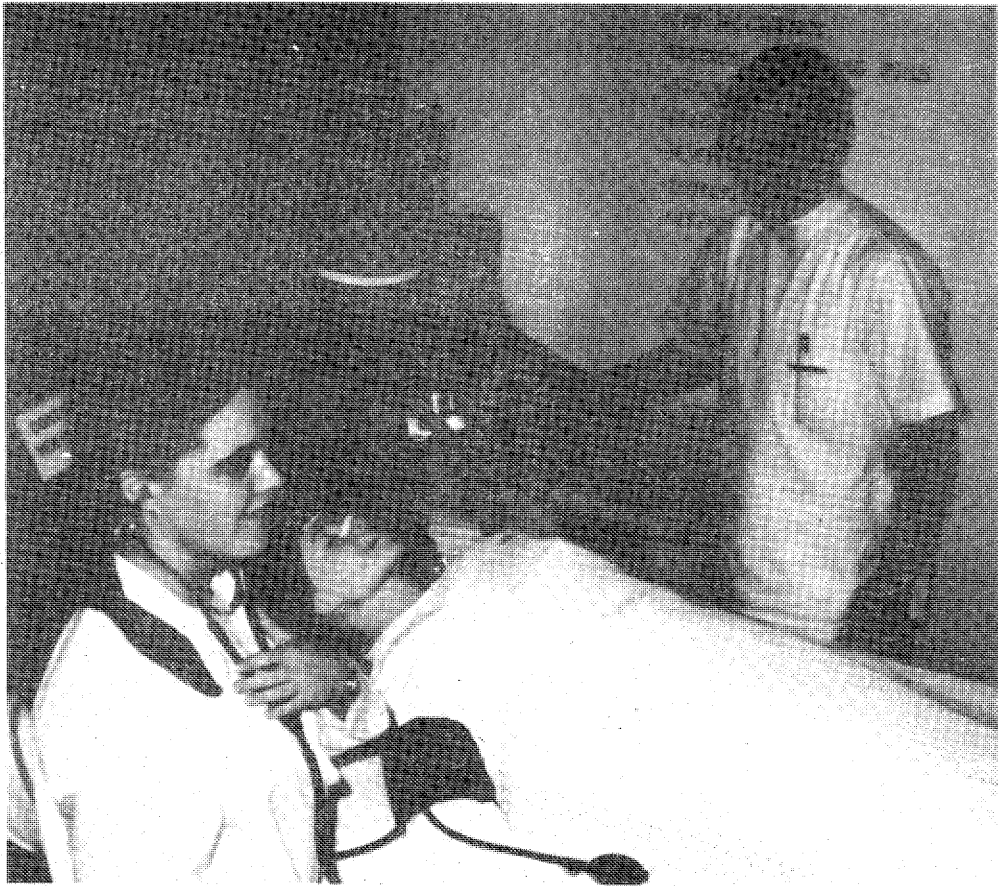
Since most skills taught in the program apply to a variety of materials you find graduates working in many sectors of the manufacturing industry: steel, pulp and paper, plastic, wood, garment, etc.

In the resource industry graduates are working in the sectors of oil and gas, mining and power generation.

Should you have further questions come to the Industrial Annex Building during NAIT Open House or call 477 - 4253.

MIET

Respiratory
Technology



The Respiratory Technologist's place of work is the hospital. His responsibilities are two - fold; one is to maintain and the other is to utilize the equipment and techniques in treating patients with heart and lung disorders. The technologist has the entire medical team as his co - workers.

Respiratory Technology is defined as: "An allied health discipline devoted to the scientific applications of technology in order to assist the physician in the diagnosis, treatment, and promotion of the well - being of patients with respiratory and associated disorders."

This definition has been put forward by the Canadian Society of Respiratory Technologists. The CSRT is a non - profit professional organization representing all student and resistered Respiratory Technologists in Canada.

The Respiratory Technology program is two years in length, the first year is composed of theoretical instruction at NAIT. The second year is applying this theoretical knowledge in a clinical situation at one of the associated hospitals.

Following successful completion of the two year program the student is eligible to write the national examination, leading to certification as a Registered Respiratory Technologist.

The portion of the course here at NAIT runs from Sept. to the end of May. The main emphasis is placed on:

Respiratory Procedures

This is the study of the design, function, and maintenance of equipment and situations requiring its use. One - third of the time involves classroom lectures, the remainder is spent in the lab becoming familiar with the equipment.

Pathology

This is the study of diseases and related disorders of the cardiac and respiratory systems. These systems are closely associated with others and so must be fully understood.

Physics

Physics is the study of the properties of fluids, gases, heat, and electricity in relation to respiratory technology.

Additional material covered includes introduction to chemistry, microbiology, pharmacology, psychology, pulmonary function studies, and neonatology.

DISPLAY

In the Respiratory display area, Room E208, you will be able to see some of the equipment we have to work with.

...An iron lung, once used for people with paralysis of the respiratory muscles will be on display. Its usage has lost popularity with the advent of more sophisticated equipment. An example of the equipment now used to

ventilate lungs will be set - up ventilating a pair of beef lungs.

...A CPR (cardio - pulmonary resuscitation) display is set up showing the techniques used in reviving people who have suffered from a cardiac arrest.

...There will be a display of equipment used in Pulmonary Function testing. You will be given the opportunity to take a simple test which will show how effeciently air can be moved in and out of your lungs.

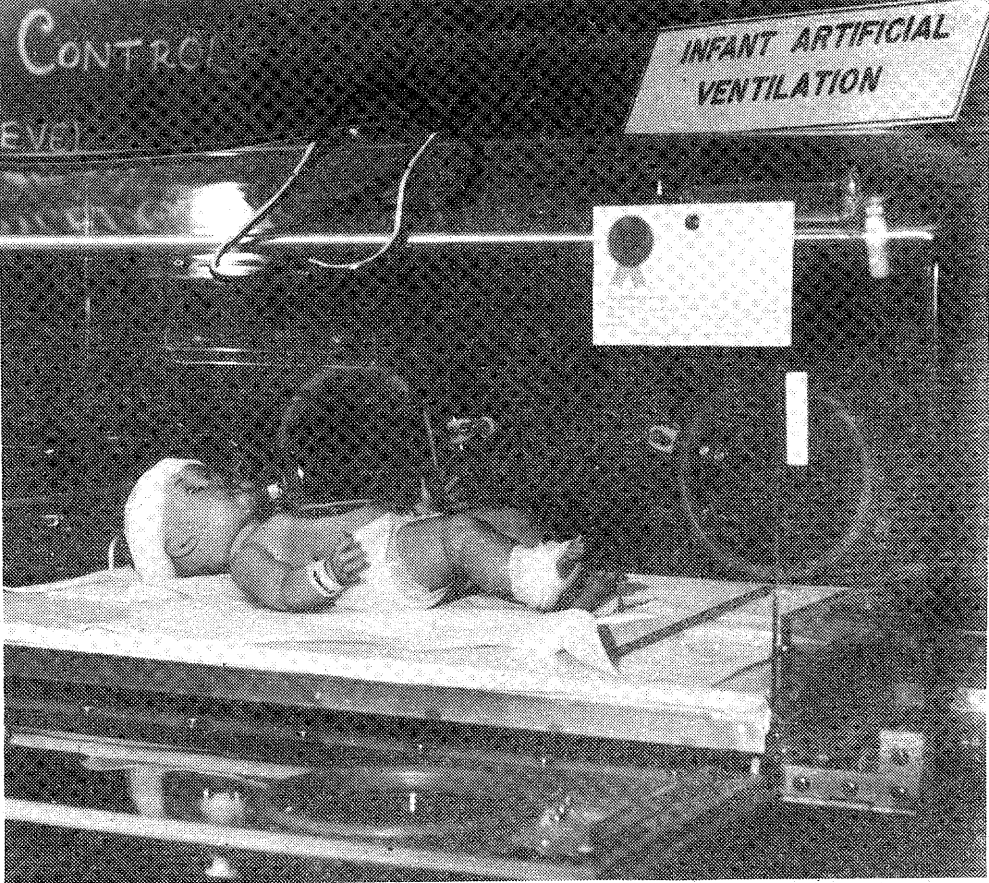
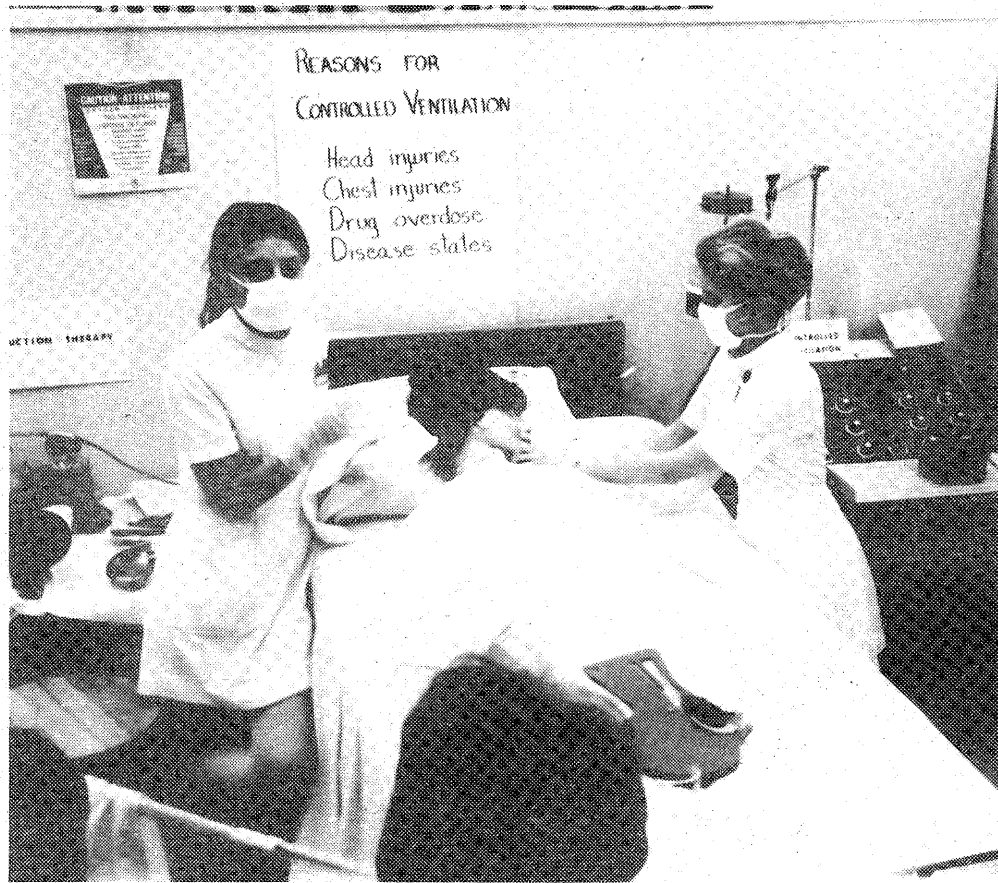
...Next is a simulated intensive care unit set - up, showing some of the equipment used for adult and infant care.

...Throughout the displays you will see various pieces of equipment a Respiratory Technologist will use.

EMPLOYMENT OPPORTUNITIES

The profession being so new and the demand so great, numerous schools are being organized and the need for teachers in Respiratory Technology is pressing. Many centers throughout North America are expanding their cardio-pulmonary facilities and there is a need for post graduate studies in a variety of areas within the field.

Those willing to work hard have an unexcelled opportunity for a challenging and rewarding future. By the very nature of the work, there is a place for men and women in this field.



Edmonton Hire - A - Student promotes and advises students interested in starting their own business. We assist by referring students to legal counsel and providing them with job referrals. These businesses, fully staffed and operated by students, offer a wide variety of services in such areas as landscaping and yard maintenance, construction, painting, roofing, concrete work, and many more. Their success lies in the fact that they provide an immediate and quality service to Edmonton businesses and homeowners. If you are interested in forming your own student business, additional information can be obtained from:

Joan Greabeiel
Operations Co - ordinator
Edmonton Hire - A - Student

Before April 23 -- Room 618 SUB
University of Alberta Office hours
432 - 4007 Monday -- 2 - 5 P.M.

After April 23 -- 425 - 3570
Monday - Friday -- 8:30 A.M. - 4:30 P.M.

As well, two information seminars will be held for any prospective student business operators. Speakers at these seminars will include people from Revenue Canada Taxation, the Alberta Opportunity Company, (involved in financing small businesses) and Alberta Consumer and Corporate Affairs. Topics such as financing, taxation and licensing will be covered, and there will be time for these resource people to deal with individual questions and problems.

Several former Student Business Managers have also been invited to share some of their experienced and offer advice to new managers. These seminars are scheduled to last approximately two hours each, and start at 7:30 P.M. Dates and locations are as follows:

March 21 University of Alberta
Central Academic Building
Room 289

These seminars promise to be most informative and should be of benefit to any students interested in forming their own business this summer.

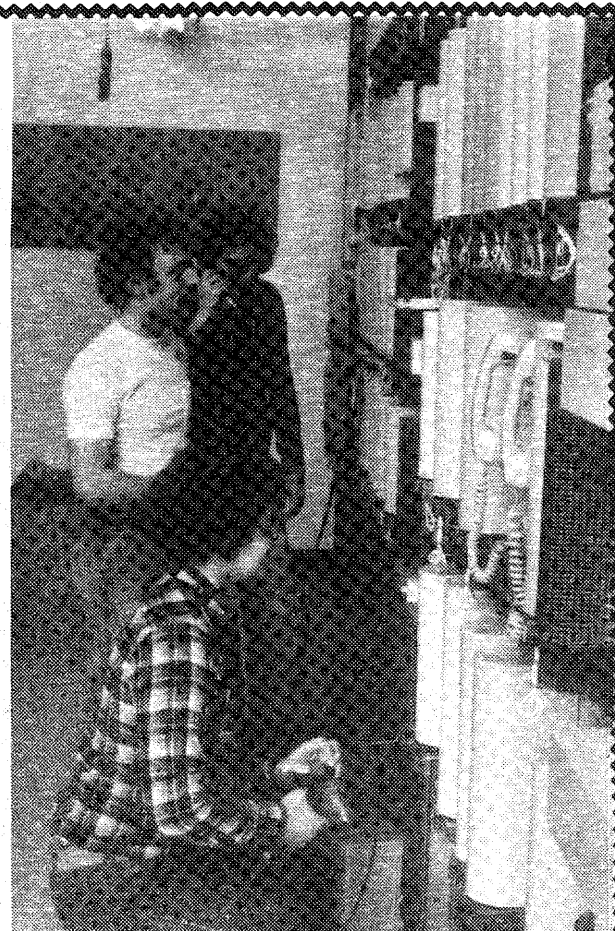
RETAIL MEAT CUTTING CLUB

SPRING MEAT SALE:

ground beef, steaks, roasts,
steakettes, hamburger
patties

March 16, 17 at the cafeteria

proceeds go to RMC



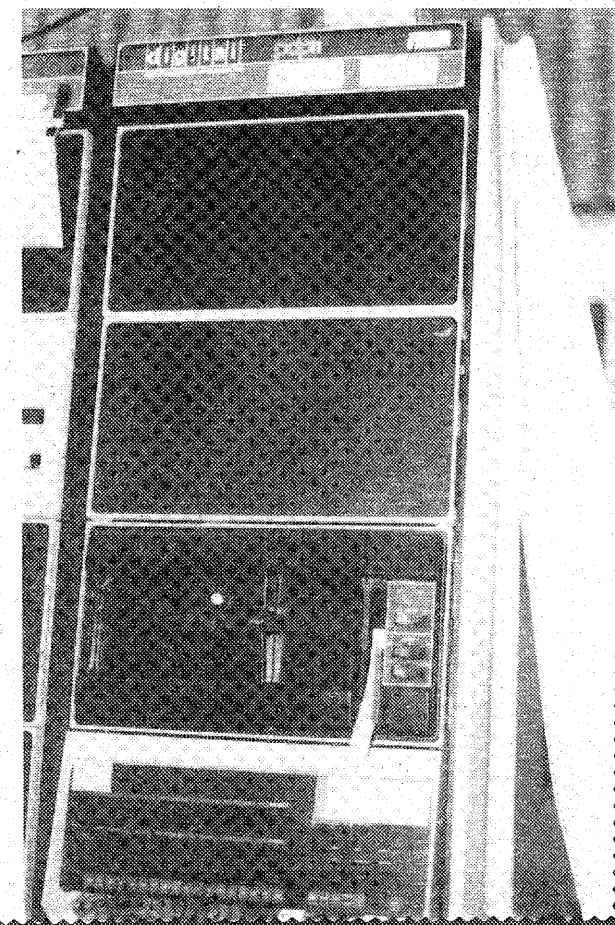
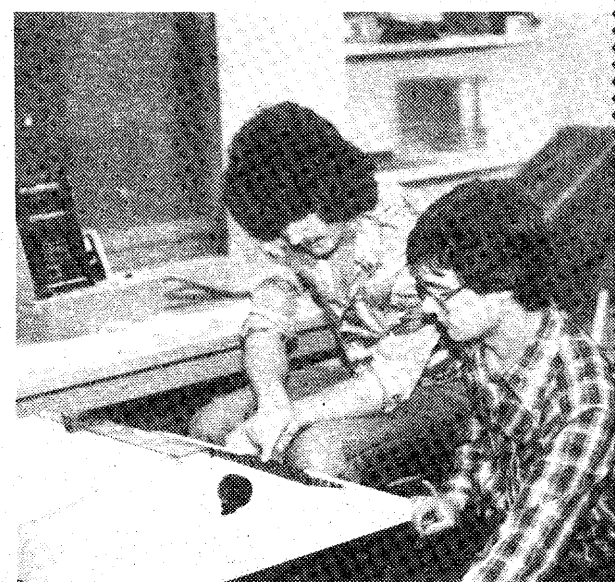
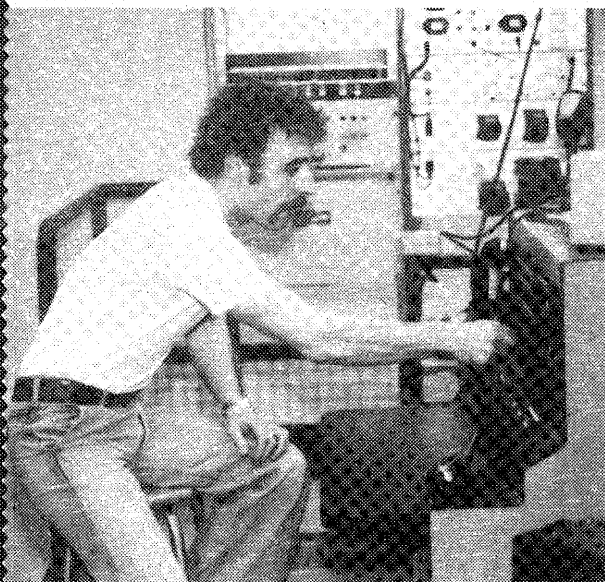
TELECOM OPEN HOUSE

The Telecommunications Industry deals with transferring information from one place to another. This information can be voice, data, or video information. Some of the techniques for transferring this information will be on display at NAIT Open House, March 16, and 17.

On display this year, we will be featuring the antique telephones of 75 years ago compared with the most modern telephones of the 1970's. Also featured are: a micro wave transmit and receive facility, a transceiver, a telephone switching system, and a fibre optic display.

The telecom students also invite you to our computer room where we have various computer games which you can play. You will see a microcomputer work and be able to hear a microcomputer play music.

These displays will provide enjoyment and interest for all.



THE NAIT BAKERY

Does food interest you?

Do you enjoy preparing food?

Why not consider a career in baking?

The Commercial Baking display is located in the south lobby adjacent to the bank. There you will see a variety of the very fine products produced by the students during the normal course time. This is one of the oldest crafts practiced in the world, and will continue to require people accomplished in the art and craft of producing variety breads, mouthwatering pastries and decoration which will appeal to the most discriminating customer, for many years to come.

Come and talk to us about the program and maybe try our brandy snaps. You want bread? We make dough. Where else can you have your cake and eat it too. NAIT Commercial Baking.

Commercial COOKING

For the last 14 years the Food Service Department has been presenting a food display in the Auditorium for public viewing.

This year's display will be even more elaborate than previous years, showing a great variety of food items, such as glazed hams, poultry, roasts, fish, wedding cakes, chocolate and edible fat work.

All displays are made by students, either from the first or second year program.

The display itself gives the student an opportunity to show his or her artistic abilities and at the same time show the finer side of the cooking trade. For the public and prospective students, the Open House display depicts the practical application of NAIT's Commercial Cooking training program.

How to find the display: The Auditorium is located in the centre wing across the hall from the Cafeteria.

RETAIL MEAT CUTTING

Meat being the highest priced commodity on today's menu is very much misunderstood as to the variety of cuts derived from a carcass and the area from which they come.

The display of Beef, Pork, and Lamb at Open House in the Auditorium at NAIT will help to give the public and prospective students some knowledge of meat processing and merchandising.

The displays are arranged with the carcasses at the head of the displays and below an arrangement of Retail cuts derived from the carcasses. A display of processed cuts such as sausage, luncheon meats, hams, etc., are displayed amongst the retail cuts.

A fine display of meat cutting equipment is also on display. Retail Meat Cutting students and Instructor's are available to answer any inquiries regarding the display and the Retail Meat Cutting course.

SAFETY FILM FESTIVAL

I wish to take this opportunity to publicly thank members of the N.A.I.T. Safety Committee and personnel from Audio Visual for their outstanding job in planning and presenting the Festival. The attendance at the Festival was quite substantial and leads me to believe there is a strong interest in the topic of safety among members of the N.A.I.T. community. With this in mind I have no reservation in recommending to the Safety Committee that we hold a similar event next year.

R.G. Meadus,
Chairman NAIT Safety
Committee.

WHY NAIT ?

Are you graduating from High School this year? Do you feel that 12 years of your life have been wasted? Why on earth, would you want to continue your education after 12 straight years of school, homework, and teachers? Why not just forget it all and get yourself a job that pays "big bucks" and forget all about school?

I'll tell you why not! It's because NAIT is a *great place!* First of all, you are here because you want to be. The people you will meet while you are here are very friendly. Even the instructors are friendly (quite a change from high school, eh!).

The extra - curricular activities at NAIT are probably *more* than you have ever imagined.

Secondly, learning at nait can be fun. I mean, it's not all work and no play. Most of the students around here put *pleasure before work!* That's just the way it goes around here.

Which ever campus you are at (Main; Plaza I, II, or III; or the Patricia Campus) you will always see a smiling face, and you will feel at home while you're here.

So choose one of the 53 technologies that NAIT offers and become part of this institute.

Gary Couet
Nugget Typesetter



Spring & Summer CONTINUING EDUCATION COURSE OFFERINGS

ACADEMIC & RELATED SUBJECTS

Effective Reading for Adults..... March 20
Technical Communications
— Presentation*..... March 12

BUILDING CONSTRUCTION ENGINEERING TECHNOLOGY

Alberta Building Regulations*..... March 27
Construction Methods
Improvement*..... March 21
Roofing & Sheet Metal*..... March 22

BUSINESS

Bookkeeping I..... March 27
Bookkeeping II..... April 9
How To Start
Your Own Business..... March 27

BUSINESS ADMINISTRATION DIPLOMA & CERTIFICATE PROGRAMS

Accounting XB106*..... July 3
Accounting XB107*..... July 17
Accounting XB108*..... July 31
Business Communications XB121*..... July 3
Business Communications XB122*..... July 17
Business Communications XB123*..... July 31
Computers in Business
— Principles XB247*..... July 3
Computers in Business
— Applications XB248*..... July 17
Marketing Mathematics XB116*..... July 3
Mathematics of Finance XB117*..... July 17
Organizational Behaviour XB191*..... July 3
Organizational Behaviour XB192*..... July 17
Organizational Behaviour XB193*..... July 31
Personnel Administration XB296*..... July 3
Statistics XB216*..... July 3
Statistics XB217*..... July 17

CIVIL ENGINEERING TECHNOLOGY

Data Presentation*..... April 30
Hydraulics*..... March 12
Strength of Materials*..... March 13
Survey Theory II*..... March 13

CONSTRUCTION — GENERAL

Explosive Actuated Tools..... April 2
Floorcoverings..... March 28

DENTAL AUXILIARIES

Intra Oral Radiography
(Summer)..... August 13
Intra Oral (P.F.I.R.D.)..... July 16

GRAPHIC COMMUNICATIONS

Introductory Graphics Camera..... April 2
Graphics Camera II..... April 3

MACHINIST

Pre-Employment Machinist
(Afternoons & Evenings Four Days Per
Week)..... April 23

PILOT'S GROUND

Pilot's Ground Part III..... April 9

RADIO & TELEVISION ARTS

Television Production
Laboratory II..... April 10

RECREATION

Adult Figure Skating..... July 3
Adult Hockey School..... July 2
Beginners' Racquetball &
Squash For Adults..... April 18
Power Skating..... August 13
Tennis Anyone?..... March 27
March 28, March 29

SUMMER HOCKEY SCHOOL

Session I
— Group 1 (Ages 11-12)..... July 2
— Group 2 (Ages 8-9-10)..... July 2
— Group 3 (Ages 8-9-10)..... July 2
Session II
— Group 1 (Ages 13-14)..... July 16
— Group 2 (Ages 11-12)..... July 16
— Group 3 (Ages 8-9-10)..... July 16
Session III
— Group 1 (Ages 13-14)..... July 30
— Group 2 (Ages 11-12)..... July 30
— Group 3 (Ages 8-9-10)..... July 30
Session IV
— Group 1 (Ages 13-14)..... August 13
— Group 2 (Ages 11-12)..... August 13
— Group 3 (Ages 8-9-10)..... August 13

SWIMMING PROGRAMS ADULT

Adult Small Craft Safety Canoe
Level I..... April 25
Adult Small Craft Safety Canoe
Level II..... April 25
Adult Stroke Improvement..... April 23 & 25
Beginners — Adult..... April 23 & 25
Bronze Cross..... April 23
Intermediate/Senior..... April 25
Junior..... April 23 & 25
RLSSC Fitness Award..... April 23 & 25
Red Cross
Royal Life Instructor Certification..... April 23
Springboard Diving..... April 25

SWIMMING PROGRAMS — CHILDREN

Advanced Parent & Tot..... April 21
Beginner..... April 21
Children's Small Craft Canoe..... April 21
Children's Stroke Improvement..... April 21
Intermediate/Senior..... April 21
Junior..... April 21
Pre-Beginner..... April 21

RESPIRATORY TECHNOLOGY

Cardio-Pulmonary
Resuscitation..... March 24
& May 26 & July 28

SECRETARIAL

Shorthand Speedbuilding..... April 9
Typewriting Basic..... May 7
Typewriting Intermediate..... April 23

TELECOMMUNICATIONS

SL-1 P.A.B.X..... April 9
SP-1 C.P.U. & Software..... April 9

WELDING

M.I.G. Welding..... April 17



NAIT STUDENTS

Softball officials are needed during May 15 to Sept. 1. Make easy summer money. Single game \$12 - \$17. Double Header every evening plus tournaments week-ends official clinic will be held May 5 and 6 on completion of your term exams. Write to:

**E. O. S. U. A. Box 1763
Edmonton, Alberta
Phone 488 - 9958 Rasmussen**

**Register Early! Now!
It's Fun
we need you!**

**FOR FURTHER INFORMATION AND APPLICATION FORMS
PLEASE CALL THE CONTINUING EDUCATION DIVISION AT 477-4383.**

to all regular readers

The Entertainment section will return to its normal size next edition.

nugget entertainment

EDITOR
Don Stosky

Entertainment
at NAIT?
Only the Best!



Most of the typical NAIT student's time is spent finishing labs, completing assignments, worrying about exams, studying, drinking beer and drinking more beer. Yes, we do manage to find the time to party, and NAIT students do it best.

What can you expect if you come here in the future? Well let's start off with the best local talent this city can supply. Names like One Horse Blue, Dickens, Big-shot, Spunk, Falconchase, Fifth Avenue Allstars, and others too numerous to mention, are very common around this institute. Our cabarets are reputed to be better than the U of A's and you can count on at least one every weekend. Are you impressed yet? No! Please Continue.

Maybe local talent turns your stomach more than it turns your crank. We've got remedies. Pop into the auditorium for a dose of Lisa Dal Bello or jive down to the arena to hear the goldie oldies of Flash Cadillac and the Continental Kids. They have been here before, so

have the Stampeders, Kenny Rodgers, MacLean. & MacLean, and Pagliaro. Next year you may even get the Bee Gees (well, maybe).

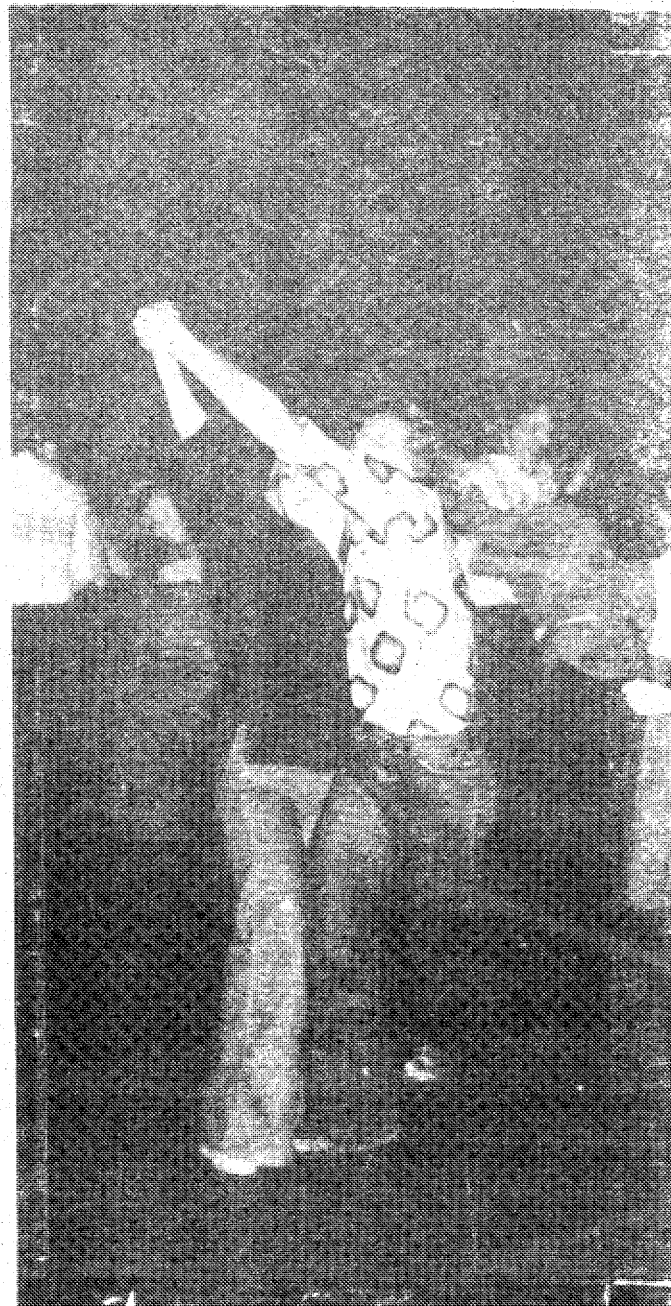
So now you know, we are into *good* music, but entertainment doesn't stop there. We also have a movie theatre here that carries first rate flicks, for the backbreaking price of \$1 (85 cents U.S.). You can impress your date with shows like The Goodbye Girl, Heroes, Grey Lady Down, The Omen, etc.

Every Wednesday, during what we call Common Hour, numerous film, skits, talent shows and bands are presented for your entertainment. Price of admission? Nothing!

We have pool tables, pin ball machines, foosball tables, and bowling lanes. We have swimming pools, hockey rinks, and shooting galleries. Now all we need is you. If you don't come here for the course of your choice, you can always come here for the best of entertainment.

Don Stosky
Entertainment Editor

**BIO SCIENCE
CLONE EXPERIMENTS
PRODUCE WEIRD RESULTS**



**B. A. S. SPRING
WARM--UP**

with

MAIN STREET

at

CALDER HALL

12029 - 124 Street

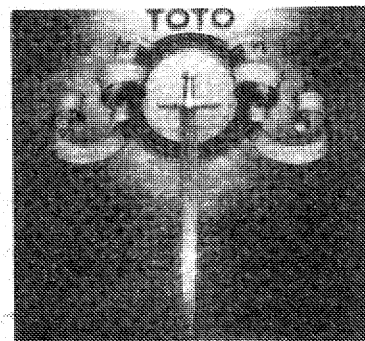
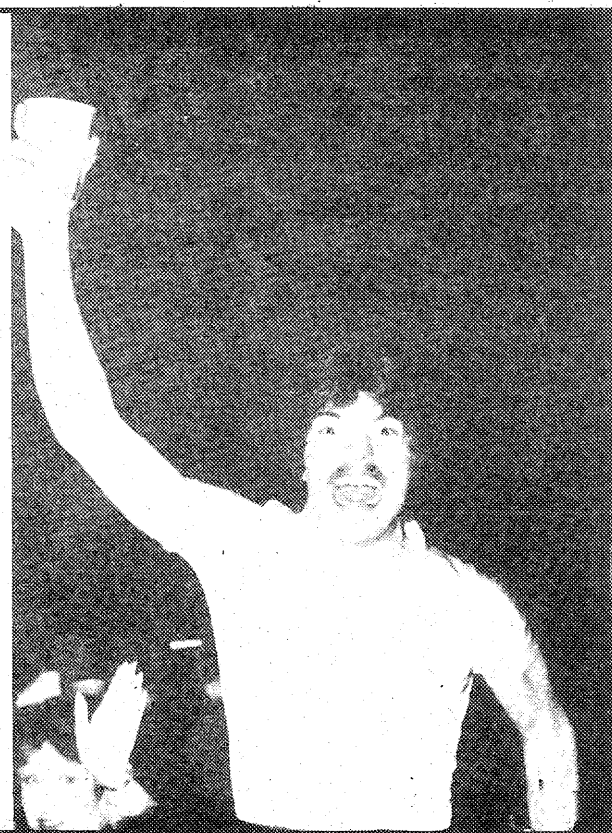
MARCH 17

Refreshments & Food

Doors 8:00 PM

\$4.00

Don't miss this one!!



nugget sports

Rick
Stewart
Sports Editor

A TRIBUTE TO THE
CANOE TEAM



When most people read or hear about the NAIT Canoe Team, they automatically assume that you must be an experienced canoe paddler. This is not true. You do not need any experience to join the NAIT Canoe Team. All that is necessary is to be registered in a Technology here at NAIT.

Most of the team this year started as inexperienced flat water paddlers, however, by the end of October, the team was in good shape and ready to compete at the ACAC Canoe Meet in Grande Prairie, Alberta.

The NAIT Canoe Team's season begins usually the second week in September and ends the third weekend of October. The practices begin immediately and take place 3 times a week. This year our practices took place at the NAIT Swimming Pool, Rundle Park and Lake Eden. The practice, you can paddle for NAIT.

All men and women are invited to participate on the team. The racing events consist of:

Womens team -2 women per canoe
-3 canoes per team

Mens team -2 men per canoe
-3 canoes per team

Mixed team -1 man and
1 woman per canoe
-3 canoes per team

War Canoe -4 people per canoe

This year the ACAC Fall Sports Weekend took place in Grande Prairie on October 21 and 22. The colleges represented were Camrose Lutheran College, Red Deer College, Grande Prairie Regional College, SAIT, and NAIT. Five teams were represented by NAIT. A mens team, a mixed team, and three War Canoe Teams. Unfortunately, due to lack of women on the team, NAIT was unable to enter a Women's Team. All five teams excelled in their performance. The mixed team, whose competitors were, David Debre (EET), Leanne Reed (Bio Sci), Dawn Marie

Messier (Marketing), Doug Knutson (MIET), Jacinta Liston (Bio Sci), and Lionel Croteau (Bio Sci), finished overall in fourth place. The mixed race covered approximately 4.5 miles on a flat water circuit.

The men's race covers 6 miles on the same circuit as the mixed race. This year our men had a bit of tough luck with spills; however, their spirit, courage and motivation never quit. They finished 3rd and brought home a bronze medal for NAIT. The men's team competitors were Larry Wood (Civil), Robert Peterson (Admin Man), Darrell Brison (Millwork & Carp), Alasdair Mills (Bio Sci), David Murray (EET), and Bruce Schultz (Architecture).

The NAIT War Canoes entered three teams. These teams were Larry Wood (Civil), Jacinta Liston (Bio Sci), Lyle Bernard (EET), and David Murray (EET), as one team. The second team being Mark Nelson (Pre-Tech), Alex Sikora (Telecom), Leanne Reed (Bio Sci),

and Doug Knutson (MIET). The team that placed second in the War Canoe Race and brought home a silver medal for NAIT was Dawn Marie Messier (Marketing), Robert Peterson (Admin Man), Bruce Schultz (Architecture), and Lionel Croteau (Bio Sci). Each War Canoe covers 1.5 miles and the final standings are according to times.

NAIT finished overall in a tie with GPRC for 3rd place. CLC and SAIT tied for 2nd and the winners were Red Deer College.

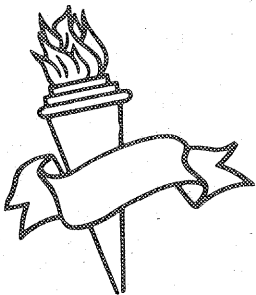
After a great barbeque supper put on by Grande Prairie Regional College (GPRC). After a cabaret, the exhausted but happy canoe team boarded the bus for the long trip home.

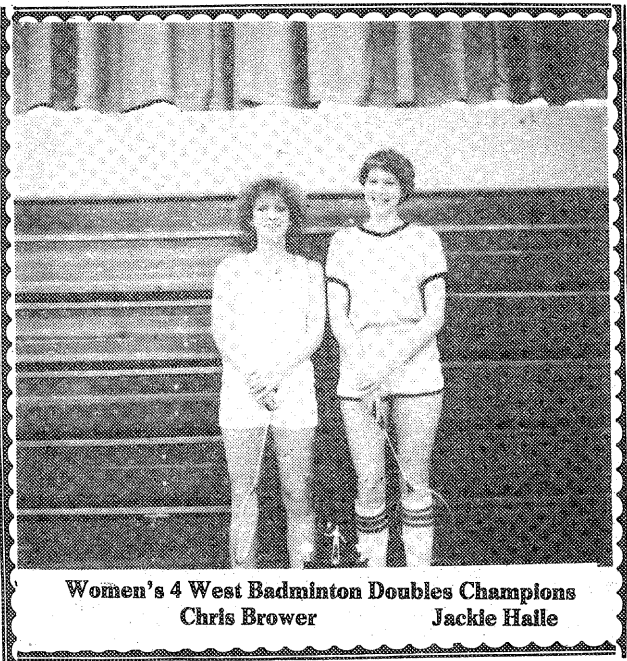
Coaches, Cheryl Wojtkiw and Barbara Hanson, feel that with the results of this year's meet and assuming that most of this years competitors will be back next year, that the 1979 season will be one of the best seasons yet. Cheryl and Barbara would like to congratulate the 1978 Canoe Season so successful. We

hope to see all of the 1978 team back next year.

As stated previously, the NAIT Canoe Team season begins in the second week of September. All those interested in participating for the NAIT Canoe Team, watch for posters, during 1979 Registration and during the 1st week of classes. We hope to see many new faces on the team next year.

Cheryl Wojtkiw
NAIT Canoe Team Coach





Women's 4 West Badminton Doubles Champions
Chris Brower Jackie Halle

NAIT LADIES CAPTURE
4 West Title

Last week - end the 4 West Badminton Championships were held at BCIT in Vancouver and the Womens Doubles Team from NAIT demonstrated their ability as they walked away with the Ladies Doubles Championships.

The tournament started a bit earlier than expected as everyone thought that it would open on Friday. However, the Alberta team got into the swing of things and defeated Saskatchewan and Manitoba before falling to BC in two straight games.

On Friday play commenced again and it was Alberta duplicating its efforts over Manitoba and Saskatchewan but this time they were ready for BC and they took them in three games. This left BC in first place, Alberta second, Saskatchewan third and Manitoba placing fourth.

Saturday saw several competitions come to a close in other areas;

Mens Singles - BC defeated Alberta

Ladies Singles - Alberta defeated BC

Mens Doubles - Alberta defeated BC

Mixed Doubles - BC defeated Alberta

In Ladies Doubles, Chris and Jackie won 17 - 14, 15 - 9 in two straight games, not only to win the 4 - West Ladies Doubles, but also insured that Alberta won the over - all championship. A special congratulations are in order for these two fine athletes who represented our campus with both talent and dignity. It is too bad that there are no national championships for these two to partake for they would surely have an excellent chance to win it all.

ATHLETIC COMMENT

NAIT is an academic institution and offers more than technical training for you the prospective student.

These activities are cabarets, various clubs, NAIT teams: hockey, basketball, volleyball, bowling, curling, fencing, and badminton to name a few. If you don't wish to participate on these teams, NAIT offers a fine intramural program.

What is an intramural program you may ask? It is a combination of athletic and novelty athletic events designed to help you release your frustrations through competition. Intramurals also brings together students of different fields of interests and instills a sense of technology pride. Some of the events that are offered are frisbee baseball, cycle drag, flag football, mini golf, golf, cross country run, speedball, bowling, curling, badminton, snooker, contract cross country run, maratho swim, continental handball, 5 on 5 & 3 on 3 basketball, volleyball, archery, table tennis, floor hockey, racquetball, broomball, water polo, tennis, tug - o - war, inner tube water polo, soccer, and wrestling.

So if you're athletically inclined, NAIT's intramural program offers you all the athletic challenges you can handle!

Dale Toffan
NAITSA Athletic Chairman

Digging into the NAIT's Archives (Irwin Strifler's files. He is as old as the archives), I located the Supremacy Trophy Standings for the past 7 years. The results are as follows:

	WOMEN'S	MEN'S SMALL TECHS.	MEN'S LARGE TECHS.
1971 - 72	Chemistry 905 points	Instrument 1137 points	Civil 924 points
1972 - 73	Chemistry 579 points	Hydrocarbon 1174 points	Instrument 1535 points
1973 - 74	Bio Sciences 696 points	Drafting 1033 points	Earth Res. 1897 points
1974 - 75	Medical Lab. 895 points	Instrument 1576 points	Earth Res. 1971 points
1975 - 76	Bio Sciences 784 points	Para - Medics 1180 points	Telecom 1768 points
1976 - 77	Marketing 512 points	Air Cond. 1926 points	Telecom 1972 points
1977 - 78	Bio Sciences 1881 points	Instrument 1689 points	Telecom 2371 points

INTRAMURAL STANDINGS
March 16, 1979

Position	Technology	Points
1	Bio Sci	1211
2	EDDT	1093
3	Computers	424
4	Respiratory	386
5	Marketing	332
6	Comm B & MC	324
7	Dental	308
8	Architectural	288
9	Acc & Fin	256
10	Court Rep	253

Position	Technology	Points
1	Hydro Carbon	935
2	MIET	808
3	Forestry	545
4	RTA	395
5	Air Con	386
6	Central Lab	324
7	Comm Bak & MC	316
8	Chemistry	240
9	Millwork & Carpentry	223
10	Plasma	84

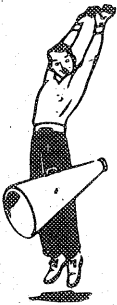
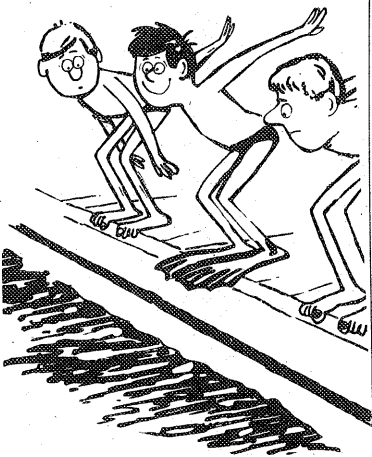
Position	Technology	Points
1	BCET	1973
2	Electronics	1391
3	Civil	1277
4	EDDT	1165
5	Earth	1047
6	Enstrumentation	952
7	ACC & Fin	874
8	Tele Com	802
9	Marketing	712
10	Bio Sci	666



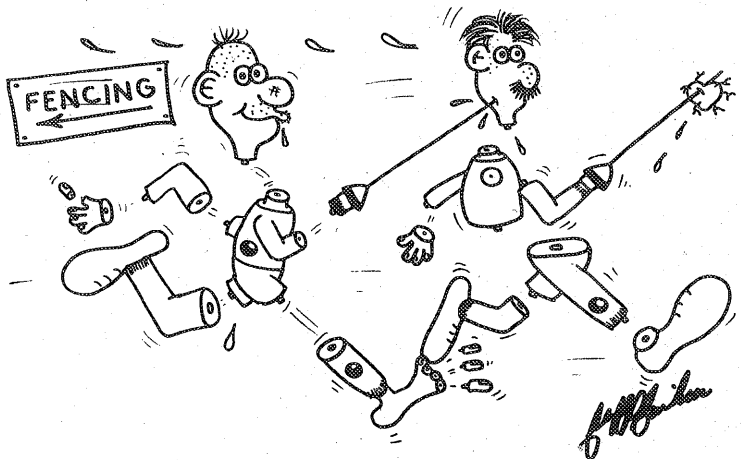
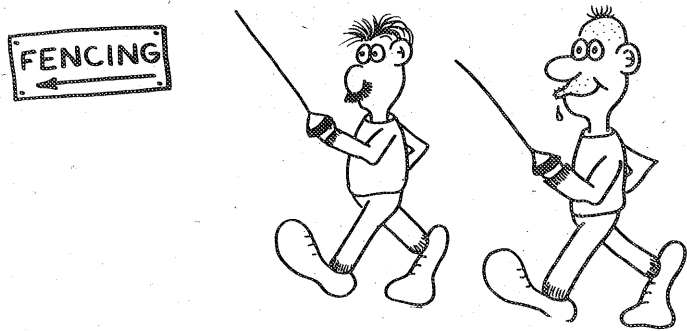
OPEN HOUSE
POOL ACTIVITIES

FRIDAY, MARCH 16
OLYMPIAN SWIM CLUB
SWIM MEET
4:30 - 9:00 PM

SATURDAY, MARCH 17
KAYAK SLALOM RACES
1:00 - 10:00 PM



ANOTHER DAY AT NAIT FENCING CLASSES

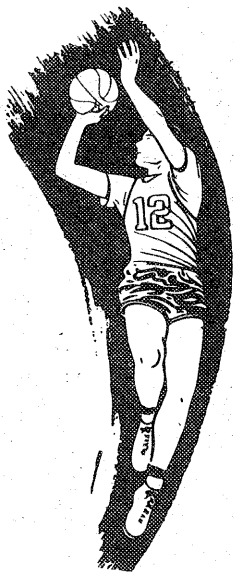


SKI LAKE LOUISE, March 23 - 25
only \$69.00

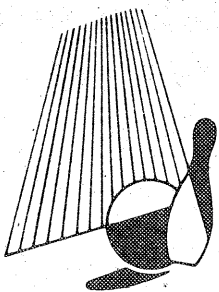
Includes: 2 nights accomodations, 2 days lift tickets, all transportation, Continental Breakfast Saturday & Sunday.

Pluis: Free Beer on Both Buses.

For more information call:
John Stobbe at 479 - 4998



BE AN ATHLETIC SUPPORTER



ATHLETICS
a vital part of NAIT

Participation in sports, whether it is Inter-Collegiate or Intramurals, is one of the best ways of making life at NAIT that much more exciting and rewarding.

If you are one of those graced with talent and God given ability then you are more than likely going to trying out for an Inter-Collegiate team. NAIT is a member of the Alberta Collegiate Athletic Conference (ACAC) which includes teams such as SAIT, Red Deer, Mount Royal, Olds, Grande Prairie, and many more throughout Alberta. Thus, you will be faced with good stiff competition as this league is one of the better in all of Canada. To help you prepare for these challenges is NAIT's excellent coaching staff. These people are very knowledgeable and extremely proficient in their fields. They are also great people and very approachable which makes it much easier on first year students who are planning on trying out for a team.

However, if you are like myself then you will become involved in the intramural program. You name it, they will play it; from hockey to soccer, to flag football to those not so well known great sports as frisbee baseball and inner-tube water-polo. The competition is good but the more important aspect of sportsmanship and friendship are stressed. The man responsible for this excellent program is Irwin Strifler who does a tremendous job organizing and keeping all the programs running smoothly.

Athletic facilities are second to none at NAIT and are being used to their fullest by all the people in and around NAIT. With the use of the student / staff ID card these facilities are open to be enjoyed.

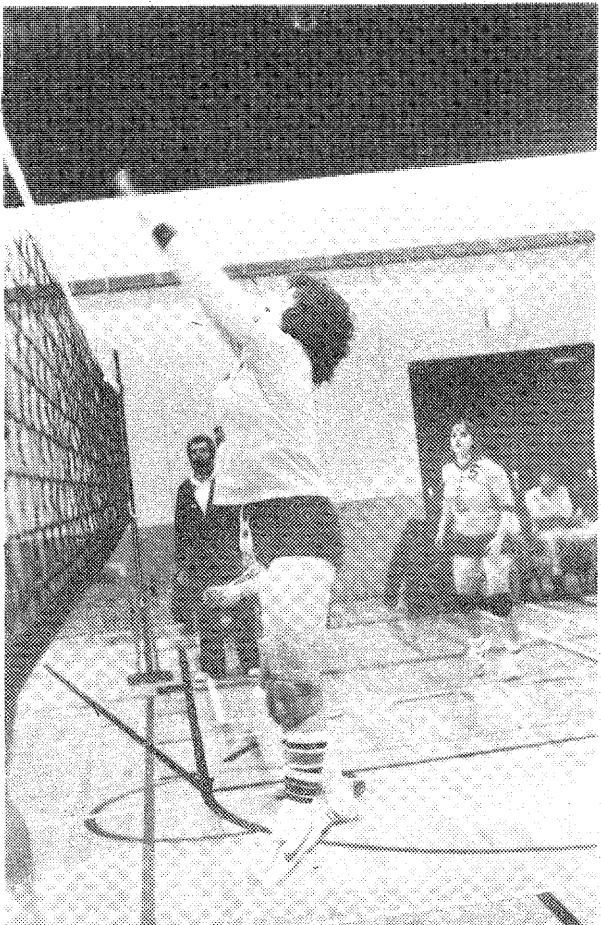
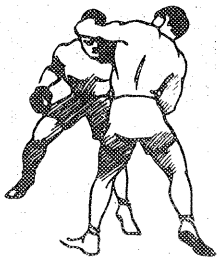
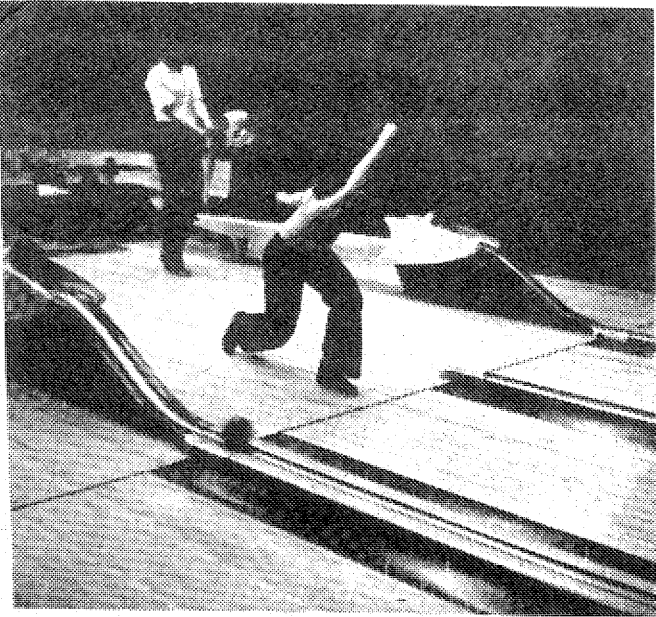
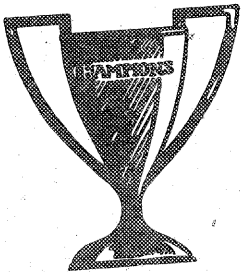
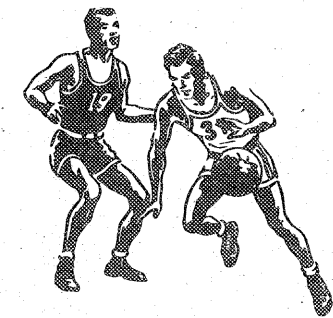
It is no problem to see that athletics are an integral and vital part of NAIT. The entire sports program at NAIT is tremendous and one all of NAIT should be proud of.

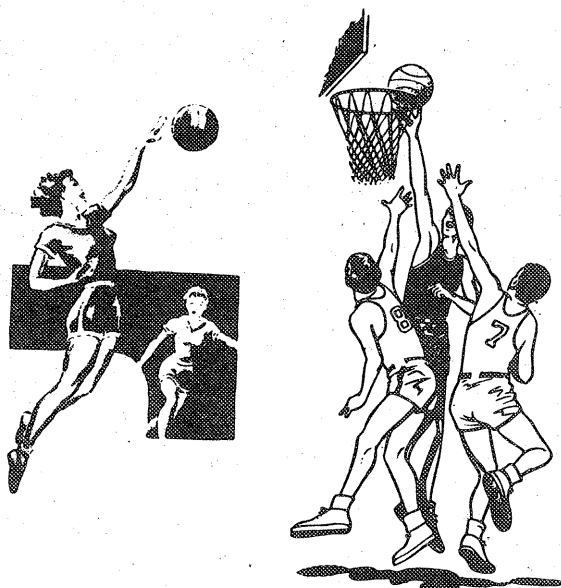
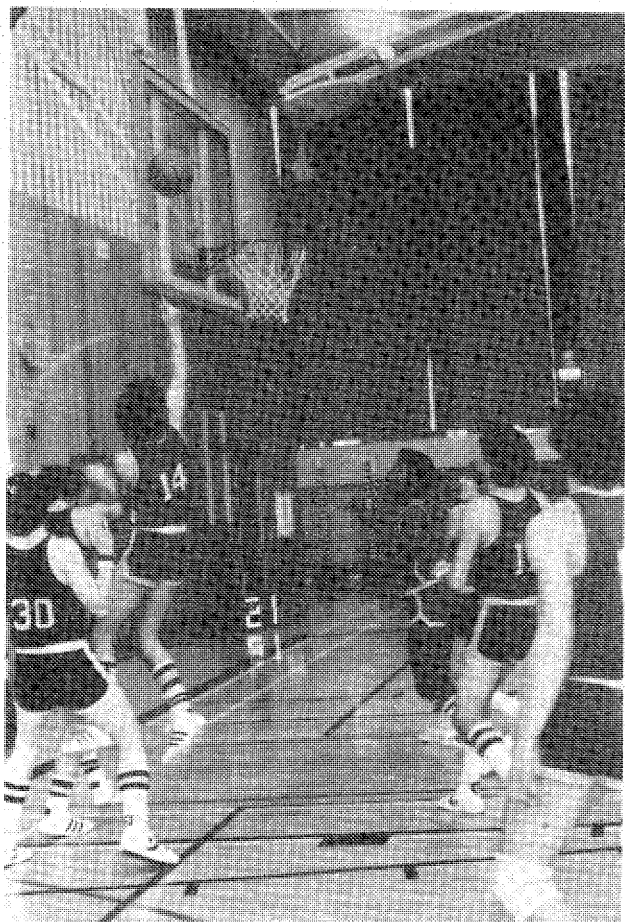
Rick Stewart

OPEN HOUSE
NAIT INTERCOLLEGIATE
ATHLETICS DISPLAY

A MUST FOR ALL
PROSPECTIVE ATHLETES

RME - 131

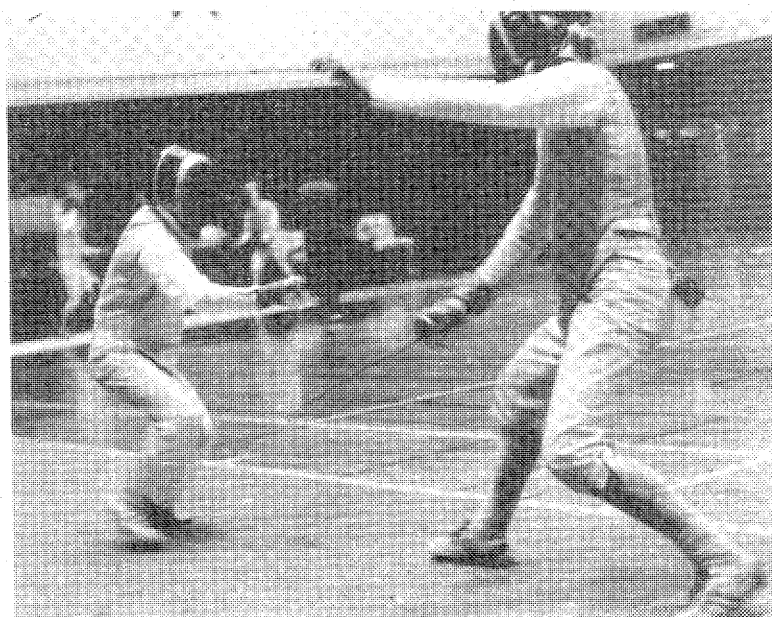
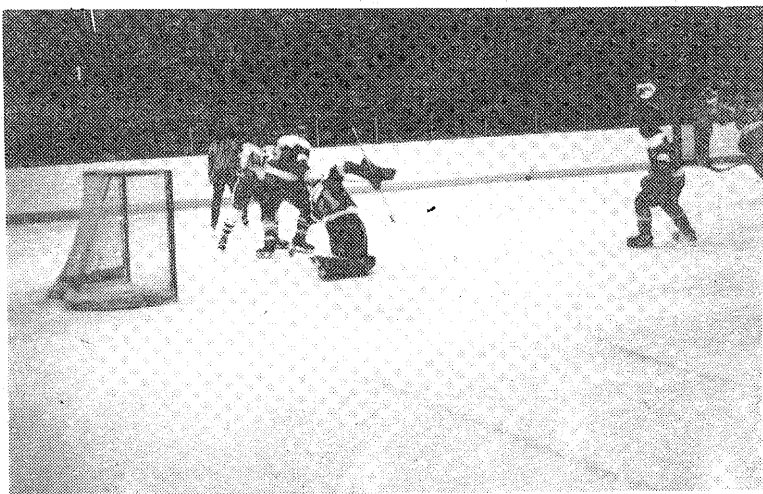
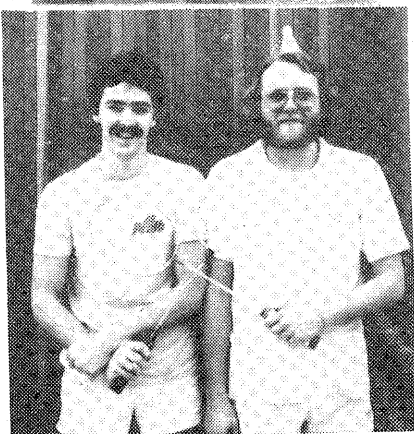
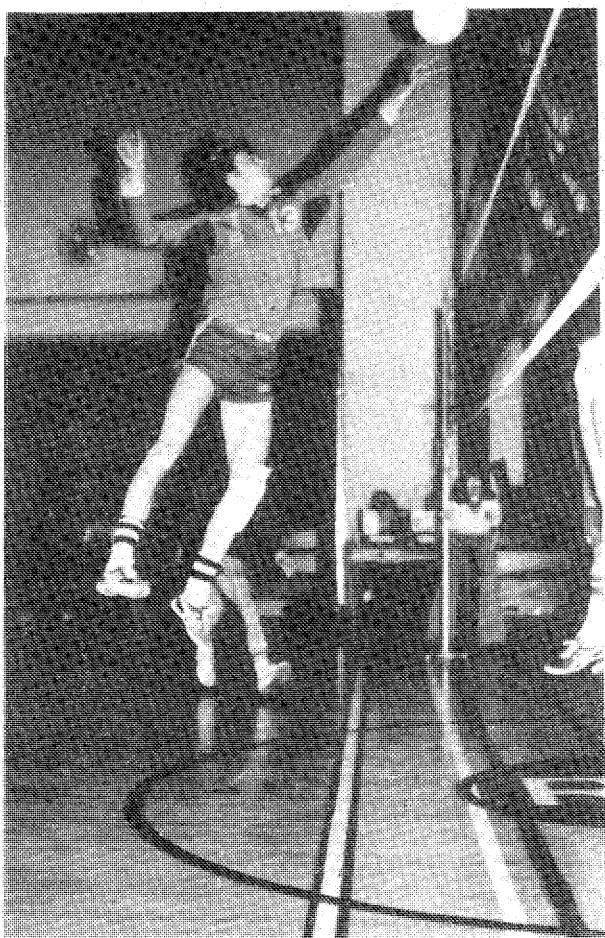




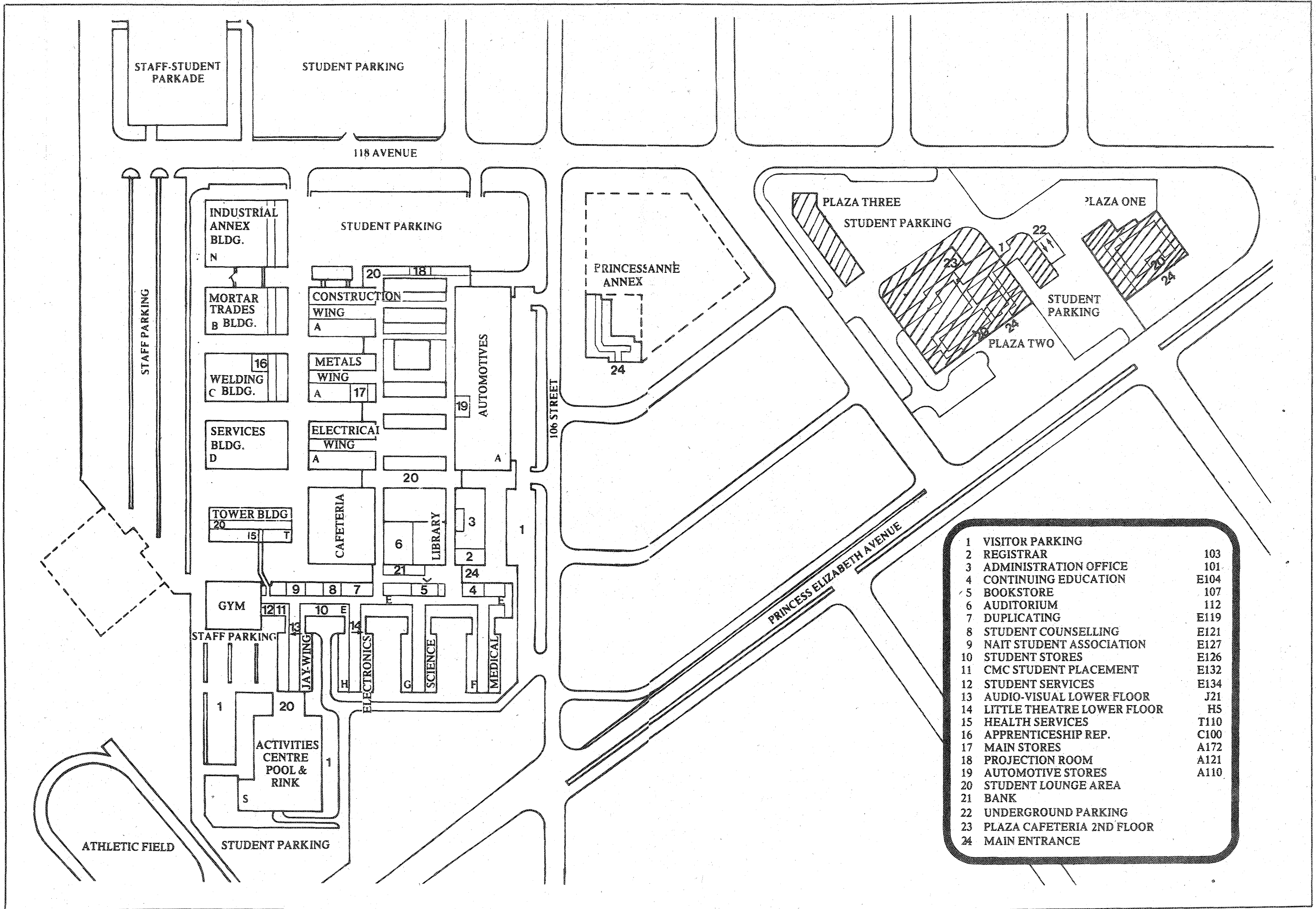
Hey Basketball Fans...

our
NAIT OOKCHICKS
will play
the
CHED SLAMDUNKERS

On Friday, March 16 at
7:00 pm. Come on out and
watch as the OOKCHICKS
make the boys from CHED
eat their mikes. Admission
is free so there is nothing to
stop you.



NOTES



- | | | |
|----|----------------------------|------|
| 1 | VISITOR PARKING | |
| 2 | REGISTRAR | 103 |
| 3 | ADMINISTRATION OFFICE | 101 |
| 4 | CONTINUING EDUCATION | E104 |
| 5 | BOOKSTORE | 107 |
| 6 | AUDITORIUM | 112 |
| 7 | DUPLICATING | E119 |
| 8 | STUDENT COUNSELLING | E121 |
| 9 | NAIT STUDENT ASSOCIATION | E127 |
| 10 | STUDENT STORES | E126 |
| 11 | CMC STUDENT PLACEMENT | E132 |
| 12 | STUDENT SERVICES | E134 |
| 13 | AUDIO-VISUAL LOWER FLOOR | J21 |
| 14 | LITTLE THEATRE LOWER FLOOR | H5 |
| 15 | HEALTH SERVICES | T110 |
| 16 | APPRENTICESHIP REP. | C100 |
| 17 | MAIN STORES | A172 |
| 18 | PROJECTION ROOM | A121 |
| 19 | AUTOMOTIVE STORES | A110 |
| 20 | STUDENT LOUNGE AREA | |
| 21 | BANK | |
| 22 | UNDERGROUND PARKING | |
| 23 | PLAZA CAFETERIA 2ND FLOOR | |
| 24 | MAIN ENTRANCE | |