
the

NORTHERN ALBERTA INSTITUTE OF TECHNOLOGY
STUDENTS' NEWSPAPER

NUGGET

Volume 13 Issue 23

Thursday, March 18, 1982



OPEN HOUSE

visitor's guide

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The Nugget is the student newspaper of the Northern Alberta Institute of Technology. It is published by NAITSA on a weekly basis during the school year, September to May. Excluding editorials, articles do not necessarily reflect the views and opinions of the Nugget Staff. Contributions from students are welcomed. Submission deadline is Monday, 4:30 PM. The Nugget office is located in E128. Black phone 427-9187, Grey phone 423.

Editor's Note

Modern educational practises can be grouped into two directions, practical and theoretical. In the complex, metamorphic world of modern industry, it is almost impossible to train an individual to understand all aspects of the situation. Thus theorists are trained to design the workings and the technicians are trained to implement and put into motion the design.

NAIT falls into the category of technical institutes. It is a learning center to train technicians to keep the machinery running. Such a definition may not be as grandiose or back patting as for those who attend universities, but graduates from NAIT are highly valued by industry for their knowledge and ability to learn. The prestige may go to the university but the heart is here.

The difference in the educational orientation of universities as compared to technical schools filters down to the way the student is taught. Although the orientation may be different do not be fooled and think that a technical program is easier than a university program. The equivalent of more than three years at a university are stuffed into a two year technical program. Many students leave NAIT to attend university but conversely there is a large proportion of university students who show up at technical schools. Why?

The assurance of getting a job after receiving a technical education is high. Students at technical institutes are taught specifically to enter industry immediately after graduation. Universities are not so concerned about shaping the individual in any particular direction. They leave that to the individual and when he or she enters industry they must spend some time being trained.

Alberta is in dire need of technical people to support its move to industrialization. The importance of technical schools, such as NAIT, to the future of Alberta becomes very pronounced. 'People for tomorrow's technology' is the theme of this Open House, and it is true. The graduates from NAIT will fit integrally into the jigsaw puzzle which is Alberta's future.

The one disadvantage that technical schools have to universities is that the heavy emphasis on training leaves a gaping hole in the personal development of the individual. There is no time for philosophy or art or other human endeavors of creativity. It is a sad lacking and one that is hard to fit into the curriculum. Somehow the student must pick up these things on his own.

Yet at the same time that NAIT students lose out to cultural training they also learn a much more human commodity - friendship. The small classes and the same courses with the same people lend themselves immeasurably to getting to know who is sitting beside you. Your classmates become your friends. Life at NAIT revolves around them. And you will take them with you when you leave. That is something NAIT does far better than any university could ever hope to achieve.

The decision to forego the fast Alberta buck and continue education, or to return to educational training is a difficult personal choice. Education has far reaching tentacles into the future. It does not lead to dead ends. It is opening up of doors and stepping out into the world. You will step out with numerous other strangers and before long the strangers will become familiar. Is it worth opening doors? Damn right it is!

**THIS SPACE IS DEDICATED
TO ALL THOSE STUDENTS
WHO WANT MORE BLANK
BLANK SPACE IN
THE NUGGET**

NUGGET STAFF:

Editor - David C. Schamber
Entertainment Editor - Nick Borrelli
Sports Editor - Jennifer Fricke
Assistant - Bruce Blacklock

Typesetters - Cheryle Donahue
Sandy Turney

The destruction of this planet would have no significance on a cosmic scale: to an observer in the Andromeda nebula, the sign of our extinction would be no more than a match flaring for a second in the heavens: and if that match does blaze in the darkness there will be none to mourn a race that used a power that could have lit a beacon in the stars to light its funeral pyre. The choice is ours.

Stanley Kubrick

the next page

Letters

Campus Notebook

FINAL OOKS

Although returning home to NAIT with the final series tied at one, the hockey Ooks could not take advantage of home ice and lost both weekend games by identical 4 - 2 scores. The Friday night games was televised by CFRN the next day on the Sports Weekend Show. The game was televised in its entirety.

The Ooks still have a chance to make it to the Canadian College finals which will be held at SAIT. Because SAIT is the host team they were guaranteed a spot in the tournament. If SAIT defeats the Saskatchewan representative, NAIT will then be entitled to play at the tournament.

SUNDIAL CONTEST

The submissions for the NAIT Sundial Project were judged on Friday, March 12. The Nugget was unable to attain a listing of the winners before it went to press. The judges for the competition were a mixture of NAIT officials and members of private industry. The following people made up the panel of judges.

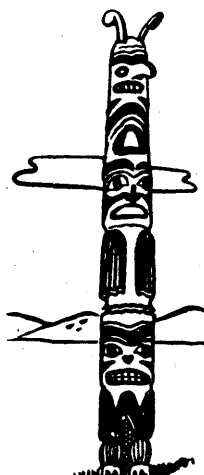
Doug Brimacombe (member of the IGA)
Paul Hartman (NAIT - Construction Dept.)
Peter Hemmingway (Peter Hemmingway Architects)
Orest Holubitsky (NAIT - Engineering Sciences)
Bill Mirosh (Queen Elizabeth Planetarium)
Jack Needham (NAIT - Academic Studies)
Dr. Don Stanley (Stanley Engineering)

DR. LEON W. SINGER

OPTOMETRIST

LINKS ASSOCIATE CLINIC

SUITE 24 10951 - 124 ST.
EDMONTON, ALBERTA PHONE: 452 - 0241



Letter to the Editor,

This letter is in regards to the NAIT '82 formation on the athletic field. I am concerned with why this idea was dropped. I mentioned the idea to some of my classmates and they thought it was a great plan. We all believed it would be quite fun and it would also provide publicity for NAIT. I feel if we really advertise in the school newspaper we could get many students to involve themselves in this activity.

Anita Wit
Bus. Admin.

Letter to the editor,

To the Jerk who wrote the article about Bio-Science. Stand up and give your name.

signed Bio-Science.

I did
David C. Schamber

Possible Topics This Week - KNOWLEDGE

There are a number of problems associated with how we attain knowledge

- What is the distinction between knowledge and true opinion?
- Evidence for some things we know of relies on the fact that we have evidence for other things.
- How do we decide in any particular case whether we know; that we have enough information to say that something is known?
- Is logic a basic, intrinsic scheme for knowing or is it only a tool to gather evidence?
- The appearances that things present to us are subjective in that they depend for their existence and nature upon the state of the brain at the time of perception.

APPLICATIONS
now being accepted for

Treasurer
Secretary

Pick up Application forms in Room E133.
For further information contact Ross Salmon
in E133C.

DEADLINE: TUESDAY MARCH 23, 1982.



AND THE WINNERS ARE

JANICE WAGNER,
Queen's University,
Kingston.

MARIE PERKINS,
Concordia University,
Montreal.

JILL BARNARD,
York University,
Toronto.

Congratulations
to the Mercury LN7 winners in
the Long Distance



We wish them many years of enjoyable driving.

And thanks to the thousands of other students who participated. Better luck next year! Meanwhile, good luck in your exams, have a great summer and keep that Long Distance Feeling going strong!

Long Distance

TransCanada Telephone System

EARN WHILE YOU LEARN



Applications are now being accepted for
training towards a career in

Radiation Oncology TECHNOLOGY

beginning August 1982

Prerequisite: Senior Matriculation

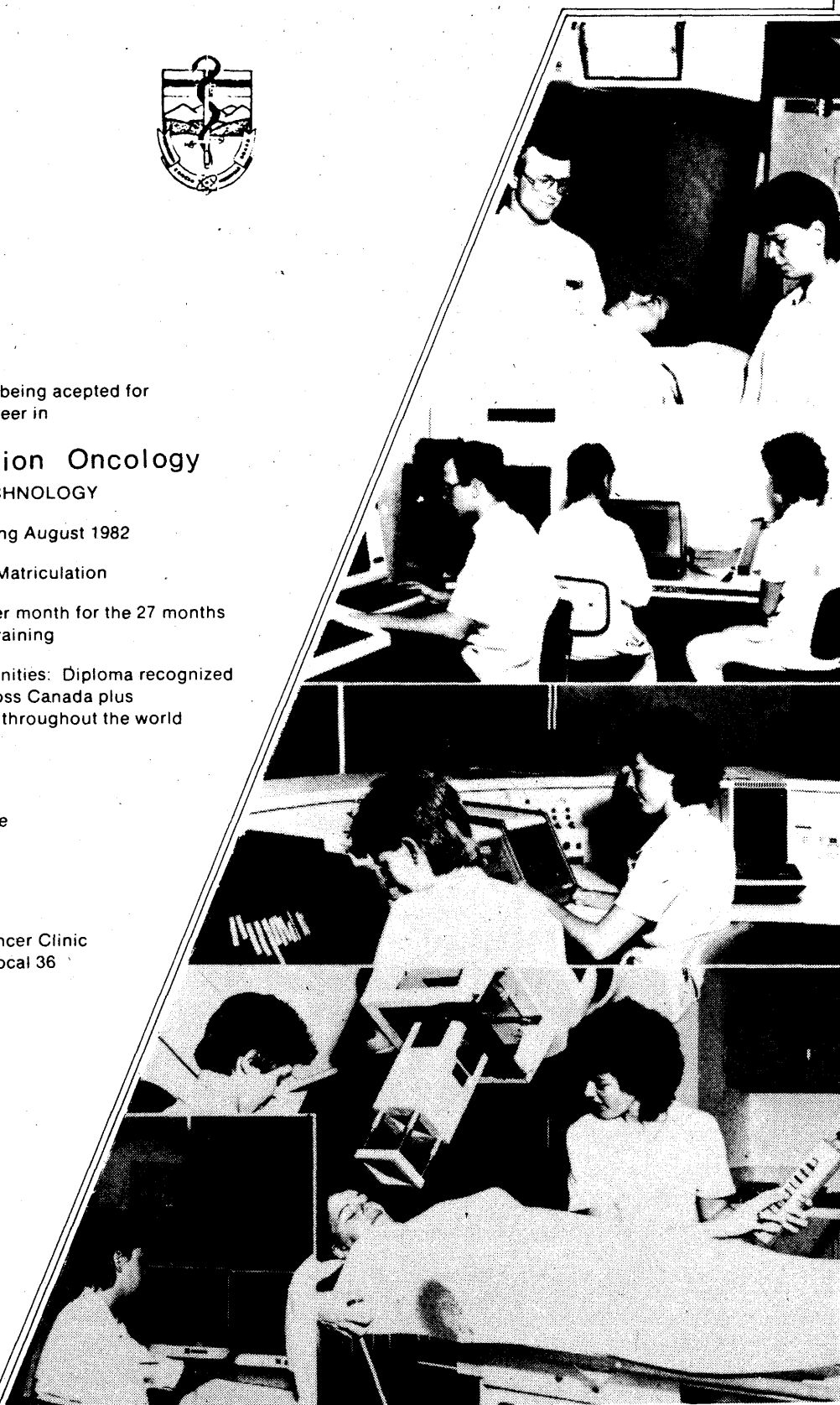
Earn: \$400. - \$500. per month for the 27 months
of in-hospital training

Employment Opportunities: Diploma recognized
in 23 centres across Canada plus
several countries throughout the world

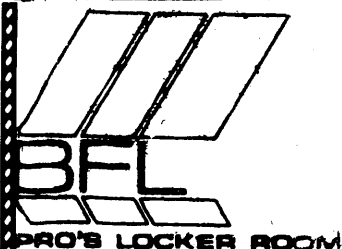
Contact:

Dyann Whalen
Cross Cancer Institute
Edmonton, 432-8754

or
Patricia Fisher
Southern Alberta Cancer Clinic
Calgary, 263-0770 Local 36

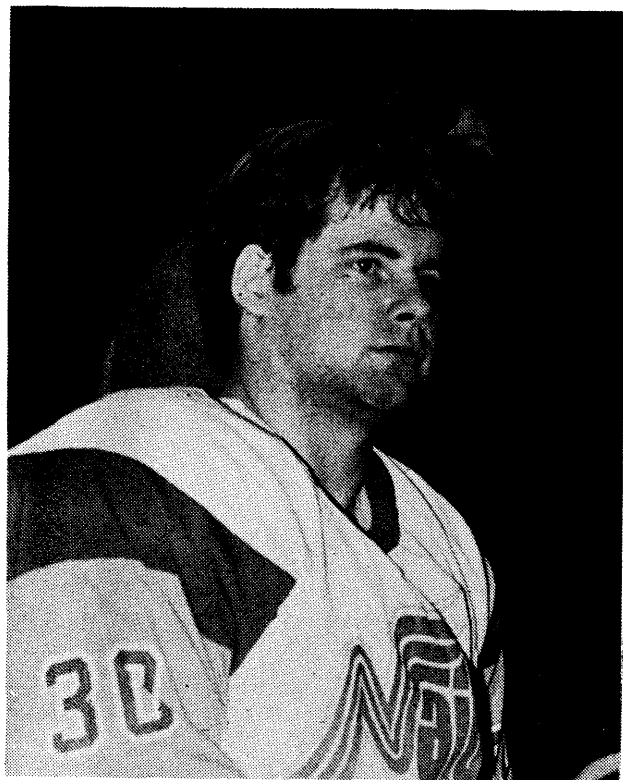
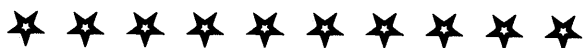


Sports



PLAYER OF THE WEEK

Ken Hodge
6'0" 175 lbs.
Goal Tender
1st Year Surveying
Hometown: Edmonton



Ken has had an outstanding season leading the Oaks to a second place A.C.A.C. finish and into the conference final. During league play Ken was the A.C.A.C. top goaltender with a 2.83 goals against average. His playoff performance has been phenomenal as in 6 games he has 2 shut outs and a goal against of 1.85 goals per game. Ken formerly played in the Western Canada Hockey League with Seattle Breakers and came to N.A.I.T. after attending training camp with the Colorado Rockies of the N.H.L.

BADMINTON

NAIT BADMINTON TEAM LEAVES FOR NATIONALS

The first Canadian Collegiate Nationals for Badminton will be held at Gerigian College, Barrie, Ont. on Mar. 26-28. The Alberta team is comprised of 8 players 5 of which are from NAIT. Men's singles will be represented by Grant Pittman, Plastics II, who is considered to be the best player in the entire college league. The ladies doubles team of Janice Romans, Court Reporting II, and Noreen Humble, Computers II are expected also to do well.

Barb Fehlau, Med. Lab I and Ron Clarkson, Business II who won all their matches in A.C.A.C. play will compete in the mixed doubles.

Olds will send the ladies singles player and Mount Royal College will represent the men's doubles.

Eileen Harle of the P.E. Dept. is the Alta coach for the Nationals.

This is the first time in the history of NAIT that an athletic team has been sent to a sanctioned national tournament.

Good Luck, NAIT badminton players.

WANT TO GET RID OF THE FRUSTRATIONS OF CONSTANT STUDY?

Any full-time NAIT student may take advantage of the following programs:

I Intramurals - is for everyone regardless of your skill level. Forty-five different activities are available for your enjoyment. The only prerequisite is a desire to take part - "Everyone is winner in I-M."

II Recreation - whenever our athletic facilities are not programmed, they are open for recreational use. It's easy to keep active.

II Intercollegiate Athletics - this program is for the cream of the crop athletes for both men and women. NAIT is a member of the finest athletic conference in Canada, the Alberta Colleges Athletic Conference (ACAC). ACAC winners can advance to a National Championship for college athletics. Jimmie Condon Athletic Scholarships are available to men and women in volleyball, basketball, and hockey.

For more information, see the beautiful display booth in the gymnasium.

BFL Pro's Locker Room

Edmonton's Finest Sport Souvenir Shop

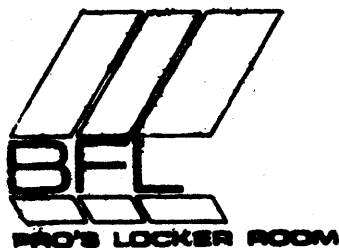
Welcomes You to:

NAIT OPEN HOUSE

**Visit Our Kingsway Mall Location
For Men's and Women's Running
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**Also, Edmonton's Finest Selection of
NHL, NFL, MLB and NBA
Authentic Jerseys**

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Nike and Adidas
Distributor**



**#120 Kingsway Garden Mall 474-2328
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**This Coupon Entitles You to
\$5.00 off
any regularly priced
Nike or Adidas Running Shoes
at both
Kingsway and Centennial
Mall Locations
Valid March 19, 20th Only**

NAIT CURLERS REPRESENT ALBERTA IN PEPSI JUNIOR MEN'S

Steve Petryk, skipping a NAIT rank out of the Avonair saw their dreams for a Canadian Junior Championship just fall short as they ended the round robin with a 4-7 record. Thus ended one of the true cinderella curling stories of the year. Put together two weeks before the city's, the team practiced four times, curled one four end game and then headed for the city play-offs. The rest is history, they lost one in the city's in qualifying out of 8, won four straight in the Northerns in winning A and then won the sudden death game in the Provincials by stealing two in the extra end. The Pepsi-Cola Curling Championships culminated a fantastic year for Steve and teammates David Zaboloniuk, Lyle Horneland and Dennis Kryzalka.

NAIT CURLERS WIN CITY JUNIOR BERTH

NAIT continued its strong showing in curling. A junior rink skipped by first year electronic student Steve Petryk, qualified out of B and was one of six rinks heading to Whitecourt Jan. 15-17 for the Northern Alberta Championships.

Steve and company lost their first game and then proceeded to win four straight for their zone berth. Seventeen teams were willing for the six berths and according to convenior Hec Gervais this was one of the most competitive city playdowns. After losing 10-8 to Parks, NAIT won four straight. They beat Glen 8-3, Lena 10-3, Stannard 8-5, and Kobylka 5-2.

Curling



NAIT'S PETRYK WINS NACA JR. TITLE

Steve and mates added the prestigious Northern Alberta Junior Curling Title to their collection January 15-17 in Whitecourt.

NAIT's Petryk captured one of the berths in the Provincial Junior finals by winning the A side of the 16 zone Northern Alberta Junior Curling Play offs this weekend. Steve was joined by the B side winner Bill Bruce and both will represent Northern Alberta in the Provincial Junior Play-downs in Fort St. John January 29 & 30. Six teams, two from the North, the Peace and the South will vie for the Provincial title in a six team round robin.

Steve and mates won four straight in capturing the A side. They defeated 1980 Alberta Champion Kurt Monsbroten 6-3, City Pep Kabylla 9-7, Llyodministers Cesku 9-0 and Cold Lake Champion Wagg 6-5 in an extra end.

PETRYK STEALS PROVINCIAL TITLE

Steve Petryk made two clutch shots in the eleventh then watched as Kurt Balhertston, representing the Peace country, was light on his draw to the four for the win. The steal of two gave Steve and his mates a 9 - 7 win, the coveted 'Rose' and the right to represent Alberta in the Pepsi Canadian Junior Championship in Swift Current.

The stage was set early in the afternoon when both teams won bringing their round robin record to 3 - 1. Many expected one of these two teams to represent the province, and the luck of the draw pitted them in final round, making it a sudden death game with all the marbles on the line.

The NAIT team, dubbed the Country Pumpkins by their coach Jules Owchar made the final look like an all Peace final. NAIT's third Dave and lead Denis are from High Prairie, and second Lyle is from Peace River. Steve was the only outsider coming from Smoky Lake.

Petryk only lose came in the third round a 8 - 9 setback to Turcothe (PCA). They defeated Sul (SACA) 10 - 3, Bruce (NCAC) 6 - 3, Fisk (SACA) 5 - 4 and Ballertator (PCA) 9 - 7.

Line Score

Petryk 1 1 0 2 0 0 1 0 0 2 2 - 9
Ballertston 0 0 3 0 0 3 0 1 0 0 0 - 7

Continued on page 9, 11

Provincial Junior Men's Champions



Coach Jules Owchar

Dennis Kryzacka
Lyle Horneland
David Zaboloniuk
Steve Petryk

There's no taste like Boston!

Whoever said a pizza is a pizza is a pizza is out to lunch.

Fact is, no other pizza has the incredible taste of a Boston pizza.
No other pizza has our special tomato sauce and thick, golden crust
— secret recipes we won't share with anyone.

But we'll share the taste with you anytime.

Come to Boston Pizza for lunch, supper or late-night dining.
We've got the pizza taste you've been looking for.

 **Boston Pizza**
There's no taste like it!



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10115 Princess Eliz. Ave. 477-9111

CHECK THE YELLOW PAGES

12430 - 118 Ave 452-8585
10543 - 124 Street 482-4491

Curling

PETRYK CARRIES ALBERTA COLORS IN CANADIAN PEPSI CHAMPIONSHIP

Representing your province in a Canadian Championship will be an experience that these four young gentlemen will never forget.

The pageantry, the excitement about being involved, the pressure to do well and the spirit of congeniality that prevailed will memories that they will remember for the rest of their lives.

The 1982 championship was described by many as the most competitive ever. Alberta finished with a 4 - 7 record. In six of those losses, the difference was three points or less. The teams only disappointment in the whole championship was not their 4 - 7 record, but the part that they did not attain their provincial form. They really felt a play-off position was within reach. However, we must remember that many other teams felt that same way and really in this star studded field, they were all champions.

Scores	Sask 2 - 3	N B 6 - 4
	N. Ont 5 - 9	N S 3 - 6
	NFLD 2 - 5	
Alta vs	NWT 6 - 4	Que 6 - 7
	Man 9 - 5	O ☆ nt 2 - 10
	PEI 7 - 6	B C 3 - 6

NAIT FAILS TO WIN ACAC TITLE

The 1982 ACAC Curling Championship was hosted by Grant McEwan at the Balmoral Curling Club February 12-14.

NAIT failed to win any of the three championships up for grabs after winning 8 ACAC titles in the last seven years, one expects NAIT to be around when the trophies are handed out.

NAIT teams finished with, not a shabby record, six wins and seven losses. The men were 1 - 3, the mixed 2 - 2 and the ladies 3 - 0 in round robin play. The ladies were the only team to make the play-off and lost both games in their quest for the gold then the bronze medal. SAIT won the mens mixed title and Red Deer the ladies championships.

NOTE: Two NAIT students, Charlene Willick and Denise Willick came within a whisker of winning the Alberta Junior Ladies Championship.

As a result of finishing second in the provincials, they earned the right to represent Alberta in the Winter Games in Quebec in 1983.

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ Basketball ★ ★ ★ ★ ★ ★ ★ ★ ★ ★



ALL CITY



THIRD ANNUAL NAIT - ALL CITY

HIGH SCHOOL BASKETBALL TOURNAMENT

EDMONTON NORTH

VS

EDMONTON SOUTH

FRIDAY, MARCH 26

NAIT GYMNASIUM

WOMEN : 7 pm MEN : 9 pm

NAIT TO HOST ALL-CITY III

On Friday, March 26, the NAIT gymnasium will be the scene of the third annual All-City Basketball games. The original dream-child of NAIT basketball coaches, Dave Hoy and Gregg Meropoulos, the All-City format pits the outstanding players from twenty Edmonton High Schools in geographically matched games. The athletes are divided into Edmonton North and Edmonton South squads and the action is non-stop. As well as spotlighting the premier basketball talent in Edmonton High Schools, the games will be highlighted by the presentation of the Most Valuable Player Awards for men and women in the "Premier" and "City" Conferences. Previous All-City games have been played to full houses and action packed. Don't miss the games this year. Game times are as follows Women at 7 pm and men at 9 pm. All NAIT students with ID cards admitted free; others will pay \$2.50 for a ticket.

Dear Prospective Basketball Player:

This short letter is intended to acquaint you with the Intercollegiate Basketball Program at the Northern Alberta Institute of Technology. NAIT competes in the Alberta Colleges Athletics Conference (A.C.A.C.), a divisional conference of the Canadian Colleges Athletics Association (C.C.A.C.). NAIT competes against 8 other Alberta college teams in Conference Play that includes such schools as Grande Prairie Regional College, Grant MacEwan Community College, Camrose Lutheran College, Red Deer College, SAIT, Mount Royal College, Medicine Hat College and Lethbridge Community College. The A.C.A.C. is Canada's toughest and most competitive College Conference in Canada. Last year's A.C.A.C. Champions Mount Royal College went on to win the C.C.A.A. Championship in Men's play.

We believe we have an outstanding Basketball program at NAIT. Our game schedule includes 16 league games as well as approximately 15 exhibition and tournament games. The team travels all over Alberta and out of province for tournament play. NAIT also offers athletes the best in training facilities, team rooms and coaching as well as practice and game equipment and uniforms. In addition NAIT offers Athletic Scholarships to 12 team members, through the Jimmie Condon, Heritage Trust Fund Scholarship program. These scholarships are presently \$500.00

We are serious about our Basketball Program. You should realize that we are committed to individual and team excellence. As such, the Basketball Program requires a lot of time for both training and competing over the school year. Your studies come first and it will require considerable dedication to keep up the grades while playing. To date most players have successfully met this challenge.

I hope this letter has answered most of the questions you might have about our Basketball Program. If you have any others, please do not hesitate to contact me.

Good luck with your school work and Basketball.

Gregg Meropoulos
Women's Coach

Dave Hoy
Men's Coach

NAIT INDOOR TENNIS SPRING SCHOOL

Learn to play - Tune up for summer play
Commencing week of March 29
8 one hour lessons
Choice of nights - Tuesday, Wednesday, Thursday
Choice of hours - 6, 7 or 8 pm
Cost - \$30.00
Video tape and ball machine used in lessons
See NAIT Continuing Education for registration

Hockey

By Brian Stein

After coming home with a split in the ACAC Best-of Five Hockey Final, the NAIT Ookpiks appeared to have the advantage. Unfortunately, the Oaks dropped Games 3 and 4 of the series by identical scores of 4-2 to the SAIT Trojans. With the two victories, the SAIT Trojans win the best-of-five series, three games to one.

GAME 3 FRIDAY, MARCH 12TH--SAIT TROJANS 4, OOKS 2 AT NAIT ARENA

Pressure and intensity were evident on both squads as the SAIT Trojans doubled the NAIT Ookpiks 4-2 to take a 2-1 advantage in the best-of-five playoffs.

Only 26 seconds into the contest Ron Chorney gave the Oaks a quick 1-0 lead on a set-up from Gary Hoekstra. Only 1 minute and nine seconds later, Darcy Erickson pulled the Trojans even. Myles Frame gave the Trojans a one goal margin at the 3:31 mark.

In the middle frame, SAIT's Ron Pierce scored at 1:18 to give the Trojans a 3-1 advantage. Brian Hermanutz's power play marker at the 3:11 mark brought the Oaks to within one. Wayne Perkins and Greg Tennant picked up the assists on Brian's goal.

The lone tally of the third came at 15:27 when SAIT's Greg Luhr added an insurance marker to make the score 4-2.

Ken Hodge was minding the twine for the Oaks and turned away 29 shots. SAIT's John Gillespie also blocked 29 drives.

GAME 4 SAT., MARCH 13TH--SAIT TROJANS 4, OOKS 2 AT NAIT ARENA

Faced with a must-win situation on Saturday night, the Oaks came up with a wholehearted effort and did almost everything except coming out on top of the scoresheet. The Oaks were on the shortside of a 4-2 count to the SAIT Trojans.

The first period was a struggle as each team tried to go on the scoresheet first. At 18:29 of the first, Dale Kolada tallied to give the Oaks a one goal margin going into the first intermission. Kent Wilmot and Tom Tookey collected assists on Dale's goal.

SAIT's Darrin Waitas notched the equalizer at 10:20 of the second. Four minutes and 34 seconds later, Myles Frame gave the Trojans a 2-1 lead.

At 11:33 in the final frame, Rich Norber increased SAIT's lead to two with less than nine minutes left in regulation play. Greg Tennant's unassisted marker brought the Oaks to within one at 15:49. Ron Pierce of SAIT rounded out the scoring with only three seconds remaining.

SAIT outshot the Oaks 38 to 31. Ken Hodge was between the pipes for the Oaks, while John Gillespie was his SAIT counterpart.



Mens L-R Kurt Monsebroten, Ron Chrenek, David Zobolotniuk, Dennis Kryzalka



Ladies L-R Dianne Pearson, Pat Lutz, Karen Hofer, Selin Corinne



Mixed L-R Randall Huseby, Leslie Stevenson, Brent Kwuoslein, Cathy Chorney

N.A.I.T. HIERARCHY

The President

leaps tall buildings on a single bound,
is more powerful than a locomotive
is faster than a speeding bullet,
walks on water,
gives advice to God.

A Program Head

leaps short buildings in a single bound,
is more powerful than a switch engine,
is just as fast as a speeding bullet,
walks on water if sea is calm,
talks with God.

A Department Head

leaps short buildings with a running start and favourable winds
is almost as powerful as a switch engine,
walks in water in an indoor swimming pool,
talks with God if special permission is approved.

A Senior Instructor

barely clears a quonset hut,
loses tug of war with locomotive,
can fire a speeding bullet,
swims well,
is occasionally addressed by God.

An Instructor

makes high marks on the wall when trying to leap tall buildings
is run over by locomotives,
can sometimes handle a gun without inflicting self-injury,
can tread water,
talks to animals

A Nugget Editor

lifts buildings and walks under them,
kicks locomotives off the tracks,
catches speeding bullets in his teeth and eats them,
freezes water with a single glance,
is God

The Civil Eng. Club presents
The Holy Wack!!

"It just doesn't matter"
CABARET

with "FOOTLOOSE"

April 2, 1982 at the
Villa Vesuvius

\$8 non-members
\$7.50 members



SHARI ULRICH One Step Ahead in '82

Special Guest

The Claire Lawrence Band

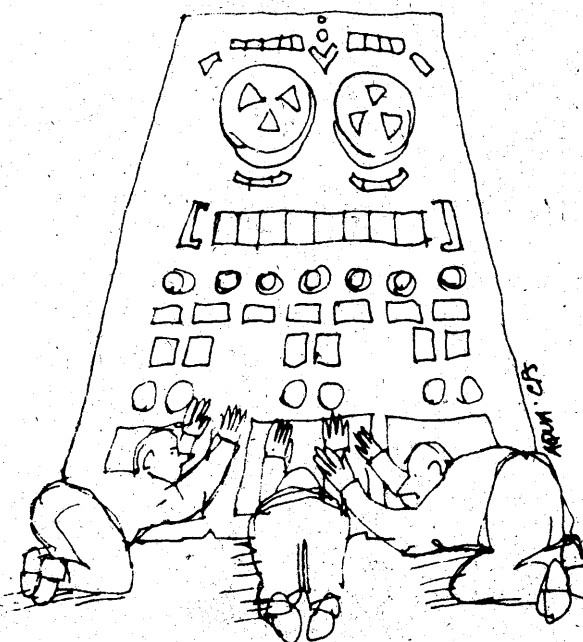
in concert at
Sub Theatre

April 2nd 7 pm

Tickets Available at:

Bass Ticket Wicket

Presented by
CKFA and Magnem Production



Just say OV.



Oh Ya!

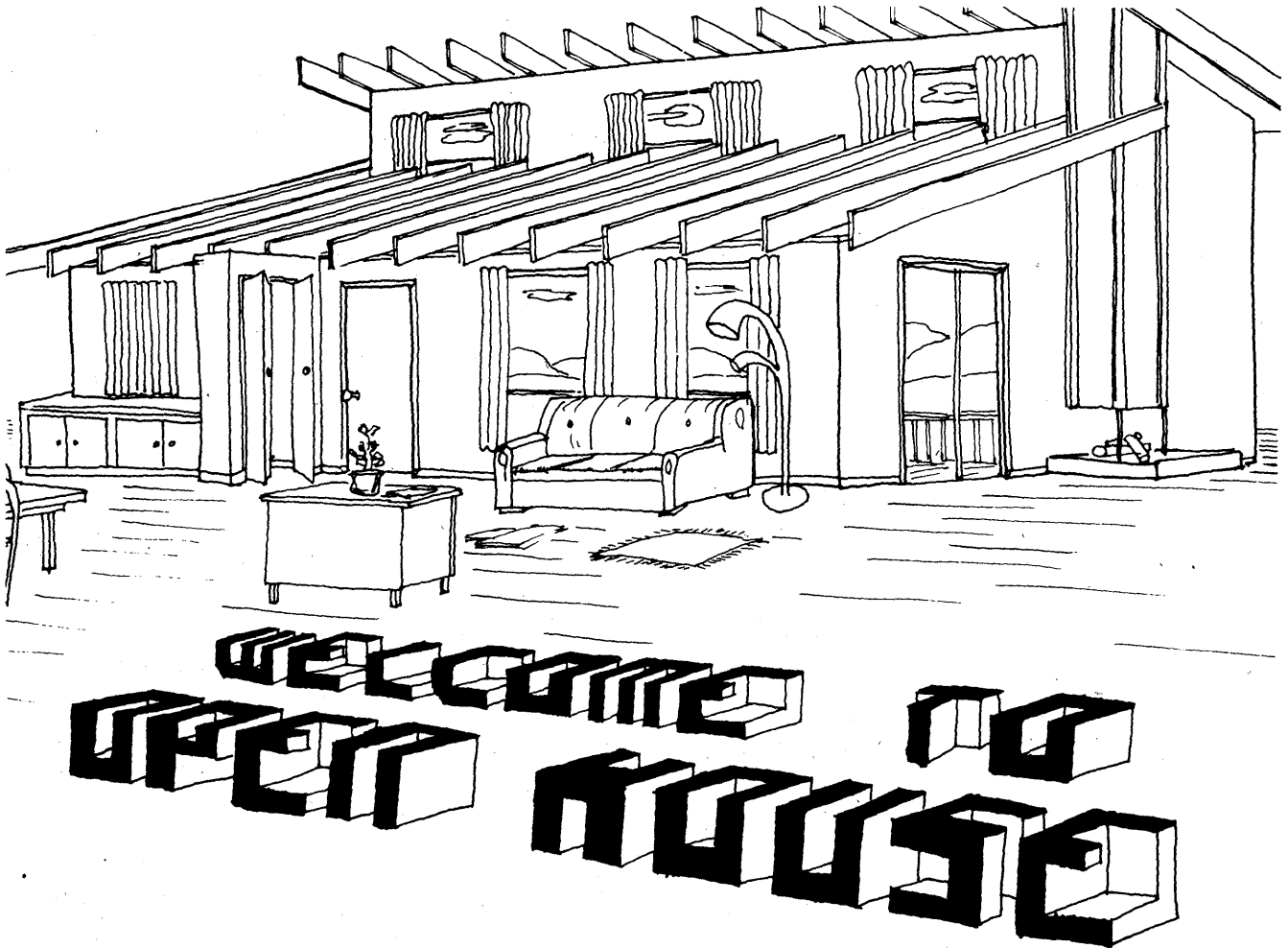
Earth turns warm

BY Al Thorsen

A fitting description of the E.R.S. February 27, Caberat with Mink Hollow. It was a sold out crowd in a relatively small hall, but the close atmosphere kept the majority warm and friendly. Although they were practically an unknown, Mink Hollow did a great show. They are a new wave - rock band who did excellent versions of tunes by The Cars, Split Endz, Loverboy, The Rolling Stones, as well as others. They also played some dyno originals. It was a smaller cabaret that E.R.S. is used to with a 300 person limit set by NAITSA. (A bouncer was seen having a drink at E.R.S.'s last cabaret "Shoot the pervert" cried the NAITSA Mormons.)

Overall there seemed to be a combination of a lot of alcohol, good tunes, and good people. It appeared a good time was had by all. Chalk up another one for E.R.S.





Open House has become an annual event for NAIT starting some 15 years ago. The purpose of this event is to expose NAIT to the public. The profile of NAIT is almost subdued in relation to the University of Alberta. For this reason, Open House has an important purpose to NAIT. It shows the general public just exactly what NAIT is about and more importantly, it attempts to sell itself to the prospective student.

Each program that is offered at NAIT with the exception of the apprenticeship program sets up a display to show the public what the technology and technician in the area of industry can expect. Although there is the attention to the general public, there is an in house competition to determine an overall display winner.

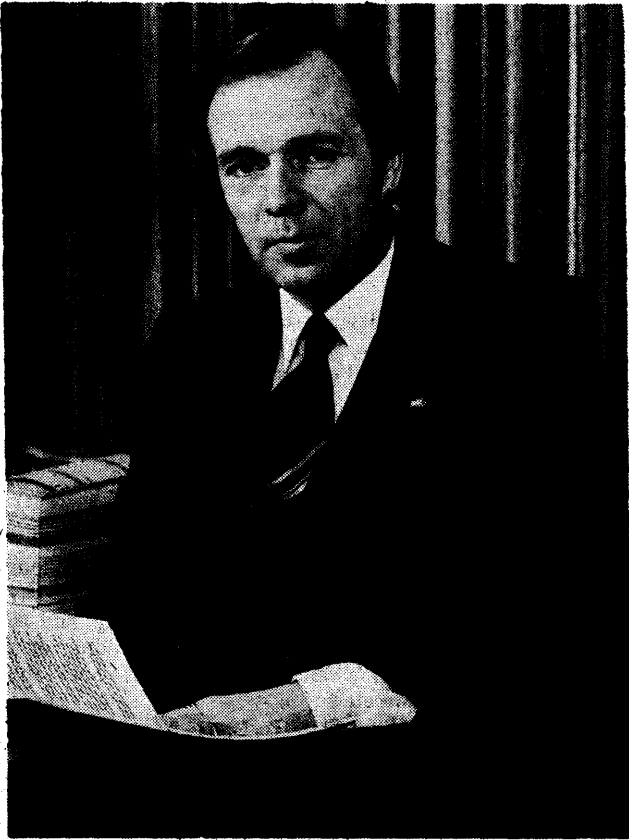
The Nugget welcomes you to the NAIT campus and entreat you to shop through as many exhibits as may interest you. This Nugget issue is extra special and is geared to helping the public through Open House. Inside is a map of the campus and a listing of where each program is displaying its wares. Included is a short writeup about the technology. Some are about the student and the social life she or he can expect in the program. We wish all write up would have been oriented in that direction.



Front Row: Jennifer Fricke, Nick Borrelli
Back Row: David Schamber, Cheryle Donahue,
 Sandy Turney, Bruce BlackLock

Enjoy your visit to NAIT and may you return once again.

President's Welcome



Open House at NAIT has been a tradition now for fifteen years. It has tended to become a gauge for the job we are doing as a public institute of technology. We estimate that last year nearly 25,000 visitors came through our doors, a figure implying that NAIT does indeed attract considerable interest in the Edmonton region. In fact, we probably hold the largest educational open house in the country.

In addition to the more than 50 displays are two special features at Open House '82. One is the Northern Alberta Apprenticeship Carpentry Contest, at which several of our 4th year apprentices vie for the top honour. We are proud to host this event, whose winner will compete in the International Contest at Baltimore, Maryland, later this year.

The other is Project Sundial, which will result in an actual working sundial, of prominent dimensions and style, commemorating NAIT's 20th year of operation (1982-83) and its emergence this year as a board-governed institution. The winning models will be on display in the South Lobby. We think you will agree that the number and quality of the entries show much enthusiasm and ability in our students.

Hoping that you have a pleasant, informative, and stimulating visit, I thank you sincerely, on behalf of our students and staff, for taking the time to get better acquainted with NAIT.

S. G. Souch
PRESIDENT
NAIT

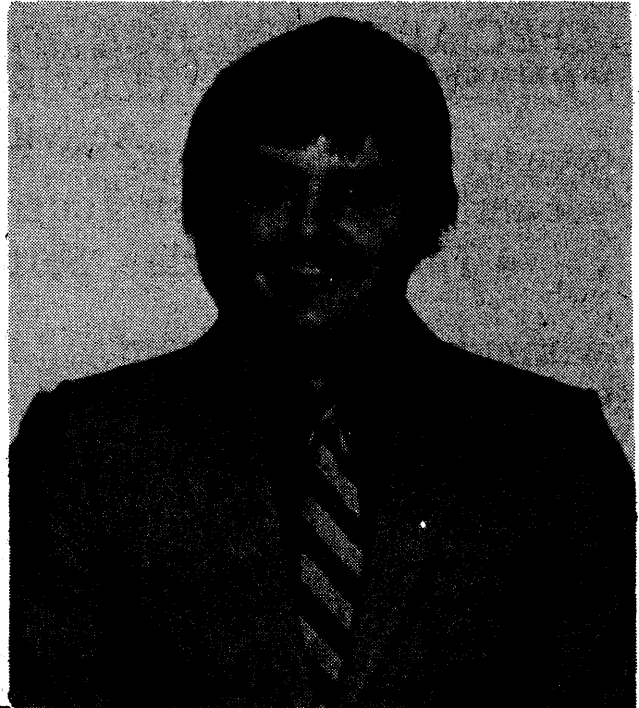
NAITSA's Welcome

On behalf of the NAIT Student's Association, welcome to NAIT. We hope you enjoy your visit. The students and staff here at NAIT have worked tremendously hard for the past 4 months to present their programs to you. Today you have the opportunity to see what NAIT has to offer.

NAITSA also takes pride in our extra curricular activities. The campus facilities house our many intramural programs, intercollegiate sports teams and many other activities. The NAIT Student's Association plans many social functions and has outlets for those students who wish to get involved in extracurricular activities such as the yearbook, student newspaper and the student government.

We are all proud of our respected programs here at NAIT and this is our chance to show off to you. Feel free to ask questions and too look around. For those of you who are considering continuing your education we would highly recommend our campus for your choice.

David Whalen
President
NAIT Student's Association



Open House

Special Events

Carpentry Contest Display A162, A162c

Sundial Contest Winners South Lobby



CARPENTER CONTEST - FRIDAY, MARCH 19

Once again the Carpenter Apprentice Contest, organized by the Brotherhood of Carpenters and Joiners, and the Contractors in this Province, will be held during Open House.

Those interested in viewing the public portion of the contest should visit the NAIT Carpenter Shop, A-162, between 8:00 am and 5:00 pm on Friday, March 19. Eight contestants will do battle for the top prize.

The eight Union carpenters with the highest marks from across the entire province will view for the honour of representing Alberta at the International Contest which this year will be held in Baltimore, Maryland.

The contest itself consists of three parts: a 4-hour written test; a half-hour transit-exercise, which generally involves the setting out of an (imaginary) building; and an 8-hour practical test which consists of the building of a small structure, like a kiosk or a shed, plus the construction of a concrete form.

As has been the case in previous years, several of the contestants will have taken their training at NAIT; others will have gone to SAIT or one of the colleges involved in apprenticeship training.

Not a single year has gone by that a Canadian did not place in the top five at the International Meeting, where generally at least five Canadian provinces and most of the States of the Union participate. Last year's winner was from British Columbia.

SPECIAL OPEN HOUSE PROGRAMMING BY THE PHYSICAL AND LEISURE EDUCATION PROGRAM Activities Centre

Racquetball and Squash Tournament Thursday, Friday, Saturday

Swimming Pool Program Friday, March 19

9 am - 1 pm recreational swim

1 pm - 3:30 pm NAIT Scuba Club Display

3:45 - 6:45 City High School Water Polo championship

Saturday, March 20

9 am - 6 pm Kayak Slalom Races

Student Services

General Office (ROOM E134)

Located in this office bank you will find the central administration of the Student Services Division as well as the supervisors of the Physical & Leisure Education Programs and the Intercollegiate and Intramural Athletic Program.

In addition to providing the aforementioned administrative services the following direct services are available.

- 1) Off-Campus Housing - an up to date and comprehensive listin of off-campus housing.
- 2) Student Identification Cards - original and replacement of plastic embossed ID cards are prepared here.
- 3) Complete Information Service - concerns regarding co-curricular activities of both athletic and non-athletic nature.
- 4) Foreign Student Advisory Service
- 5) City Transit Maps and Campus Maps



Health Services

Main Campus
Room T110

Hours:

Monday - Thursday: 7 am to 10 pm

Friday: 7 am to 4:30 pm

Patricia Campus
Room RP 133

Hours:

Monday - Friday:

7:30 am - 11 am - 11:45 am - 4 pm

Plaza II
Room L119, 427-9182

Monday - Friday:

9 am - 1 pm

Health Services, with a varied program of health care and supervision, is available to all students and staff. In the event of illness or injury, please report to Health Services for assessment and care.

Assistance is available for referrals to doctors and dentists of your choice, other community agencies and for personal health counselling.

Immunication, vision and hearing screening can be arranged by appointment.

Alberta Health Care Insurance is available to all Alberta residents. Please ensure that you are covered and if you are from out of province, contact the out of province office to determine what coverage, if any, applies while you are in Alberta.

Counselling

Services:

1. Counselling
 - a) Individual assistance includes:
 - i) Educational Counselling
 - ii) Personal Counselling
 - iii) Vocational Counselling
 - iv) Financial Counselling
 - b) Group counselling sessions may be arranged during the year.
 2. Career Planning Program
 - a) Taped interviews describing all NAIT programs
 - b) Group information sessions - the prospective student can obtain specific information. These sessions are available throughout the November 1 - April 30 period
 - c) Arrange consultation Instructors or Department head:
 - d) Buddy System - spend a full day in class with a NAIT student. To make arrangements to attend, contact the appropriate Program Head
 - e) Personal assessment of interests and abilities with a Counsellor
 3. Chaplains - Anglican, Baptist, Roman Catholic Latter Day Saints, Navigators and United Faiths are represented.
- For further information enquire at the Student Counselling Office in E121 or telephone 416 (grey) or 427-9183 (black)

Learning Resources Centre

The Library in the Learning Resources Center offers a wide range of resources for support and supplementary coursework and to encourage further reading. The print collection offers books, periodicals, and paperbacks, the non-print collection includes media such as videotapes, films, and audiotapes, audio, video, and photographic equipment is available for loan; and audio visual facilities have been provided to allow you to view and/or listen to our audio visual materials in the Library.

Speical services and facilities are available, including interlibrary loans, information services, study areas, quiet rooms, smoking lounges, photocopy machines and typewriters.

HOURS:

When classes are in session, the Library is open:

Monday - Thursday: 7:45 am - 10 pm

Friday: 7:45 am - 4:30 pm

Saturday and Sunday: 1 pm - 5 pm

The Media Workshop and Typing Lab close one half hour before the Library's closing time. Changes in these hours will be posted. A branch library is located in Plaza II in Room L20. This library is open Monday through Thursday from 8 am to 6 pm and on Friday until 4:30 pm

Your NAIT student identification card serves as a library card and must be presented to fully access the collections, services, and facilities.

Financing your Education

Now that you have made your big decision to attend NAIT, have you given some thought to the costs of your post-secondary education? Pursuing a post secondary education is an expensive proposition and it often means giving up luxuries, brown-bagging it, cheaper forms of entertainment and a depleted wardrobe. Continuing your education demands a careful review of your financial situation, and you should be asking yourself a number of important questions: Where will I be living? How much money will I have saved up in September? Can my parents afford to give me a living allowance? Will I need to find a part-time job?

The budget outlined below is not intended to discourage you but rather to make you aware of the financial realities of continuing your education. However, take heart as there is financial assistance available.

1982-1983 BUDGET SINGLE STUDENT

	<u>Living Away from Home</u>		<u>Living at Home</u>	
Accommodation (shared) & Utilities	\$230-\$250/mo	\$2070-\$2250/yr	\$120/mo	\$1080/yr
Telephone	\$7/mo	\$63/yr		
Food & Personal Care	\$125/mo	\$1125/mo		
Clothing	\$40/mo	\$360/yr	\$40/mo	\$360/yr
Personal Expenses	\$55/mo	\$495/yr	\$55/mo	\$495/yr
Transportation:				
a) Public	\$20/mo	\$180/yr	\$20/mo	\$180/yr
b) Private Car -	\$140-\$200/mo	\$1260-\$1800/yr		
- Gas \$60/mo				
- Insurance \$50-\$110/mo			same	
- Maintenance \$30/mo				
TOTAL:				
A) Using Public Transportation	\$477-\$497/mo	\$4293-\$4473/yr	\$235/mo	
B) Using Private Car	\$597-\$677/mo	\$5373-\$6093/yr	\$355-\$415/m	\$3195-\$3735/yr

NOTE:

Students who are moving into an apartment should keep in mind the possibility of having to pay a damage deposit of anywhere between \$200-\$300. However, the money is refunded when you move provided the premises were not damaged.

Remember to include tuition and fees:

TUITION for a 9 month academic year -- \$302.50

NAITSA (NAIT Student Activities) -- 75.00

APPLICATION FEE -- 10.00

\$387.50

Don't forget the cost of BOOKS & SUPPLIES which vary widely depending on the program and range from as low as \$25 for Ladies' and Men's Hairstyling, to as high as \$1500 for Photography with the average cost falling between \$150-\$350 per academic year.

MARRIED STUDENTS: It is difficult to provide detailed estimates for married students because of varied circumstance. Couples should double the estimates calculated for a single student living away from home.



Financial Assistance

What and How Much

1. LOANS

Alberta Student Loans and Canada Student Loans are available through the Student Finance Board. The purpose of a student loan is to supplement your income not to replace your own financial resources, i.e. summer earnings, parental contribution and part-time earnings. To cut down your costs, you are expected to live at home. If you have to live away from home the maximum living costs allowed are \$485-\$505/month. You are therefore looking at sharing accommodation and taking public transportation. If you live at home and must borrow, the maximum amount you can receive is \$240/month.

The Student Finance Board may repay, on your behalf, a portion of the funds that you are required to borrow for each year of full-time studies. These payments are called remission and under this program the Province may repay a maximum of 50 percent of loans issued in the first year of studies, 40 percent of loans issued in the second year, and 25 percent of loans issued in the third year.

2. Equalization Grant

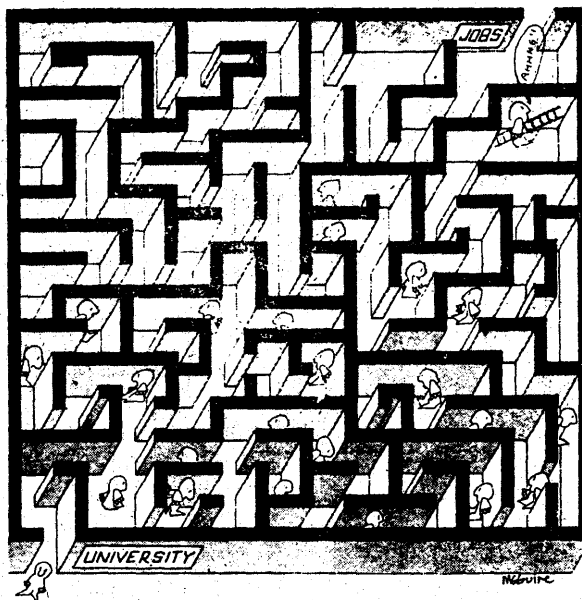
In addition, Alberta offers an Education Opportunity Equalization Grant. If you are a dependent student living outside the city and you must leave home to attend NAIT you may qualify for an Equalization Grant not exceeding \$1400 per academic year. Your eligibility is determined by the Student Finance Board from the information you supply in your application form for a student loan.

3. Awards

The selection criteria for the majority of awards is based on academic achievement with some awards taking into account the student's financial need. The value of awards vary between \$100-\$600. Each program at NAIT has a certain number of awards assigned to it and the selection of the candidate is done by the program head. In addition, there are other awards for which a student must apply and selection is done by a committee. One scholarship to keep in mind is the Louise McKinney Scholarship which has a value of \$3000. The award is based on academic excellence and to qualify you must be enrolled in a two year program.

The Province of Alberta provides matriculation scholarships of \$150 each to students from Alberta high schools who have attained an 80 percent or better average on the top four matriculation subjects. Applications for this scholarship will be available in September.

Feel free to contact Helene Lagace, Awards and Financial Aid Officer, to discuss any questions you might have about Student Loan programs. The 1982-83 Student Loan application forms will be available in May from our Student Awards office located in the Counselling Office-Room 117. Just send your request in the mail or call 427-9183.



Does looking for a job sometimes seem like a puzzle or a rat maze? Don't be too sure that university will help you see the light at the end of the tunnel. NAIT is job orientated. Students are trained to enter industry directly upon graduation. If you want a clear direction through the maze then NAIT is your beacon.

~Registrar~

How do I Apply for admission to a NAIT program?

The office of the Registrar makes available to all interested individuals, an Information Booklet and related information for all the programs offered. Academic requirements and application forms are located in the centerfold of the Booklet.

If you have a specific program in mind or are still looking for information, why not check with the "instructions for completion" of the application form because it gives you some idea of the type of information which will be of value to you. You are then required to complete an application form and submit it to the Registrar's Office along with an official transcript, and a career investigations summary. To ensure that your application is given every consideration for admission, it is advisable for you to submit your application prior to April 1. Within the first two weeks, an Admissions Committee does the selection by April 15th for all of the oversubscribed programs (25 out of 53). Applications for unfilled programs will be received and accepted up to September 15th.

Please refer to the academic poster for the admission requirements and other information on the variety of programs offered. Can we be of further assistance? Then contact the Registrar's Office in person, or phone 427-9101.



makes things happen
1982 - 83

Application forms and information available from

THE REGISTRAR'S OFFICE

Northern Alberta Institute of Technology
11762 - 106 Street
Edmonton, Alberta
T5G 2R1
Telephone 427-9101

APPLICATION PERIOD

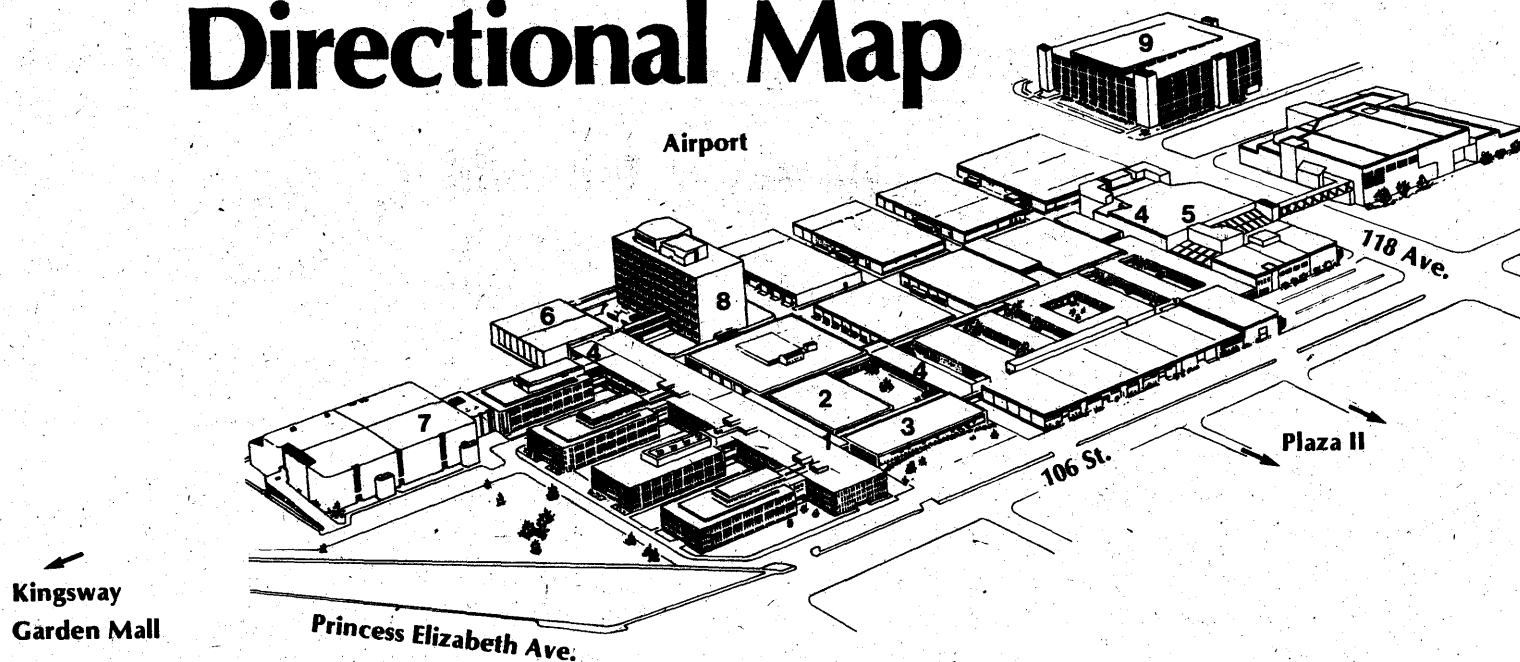
- January 1st, and thereafter for all programs starting in September
- MI - Multiple intakes, apply anytime

* Oversubscribed each year

Mature student admission requirements available on request

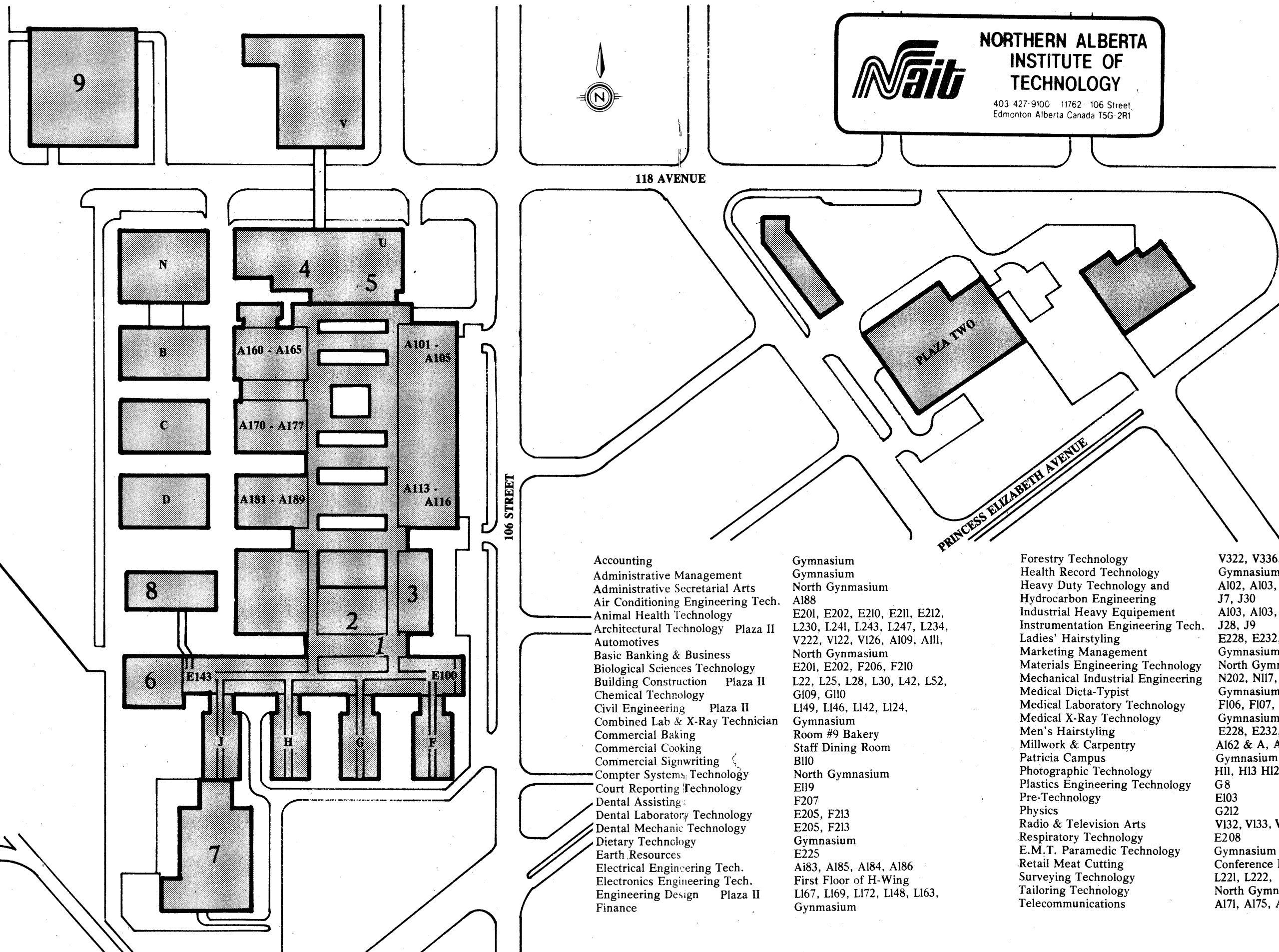
PROGRAMS		PROGRAM LENGTH - YEARS							MONTHS			ADDITIONAL REQUIREMENTS		
		GRADE X (INCLUDING ENGLISH AND MATH)	GRADE XI (INCLUDING ENGLISH)	HIGH SCHOOL DIPLOMA (INCLUDING ENGLISH)	ENGLISH 30 OR 33	MATH 30 OR 33	PHYSICS 30 OR 32	CHEMISTRY 30	BIOLOGY 30	GRADE XII SCIENCE				
Administrative Secretarial Arts		1-2				50						Plus 50% in Math 20 or 23		
Air Conditioning Engineering Technology		2				50				CR				
Animal Health Technology	*	2										Plus Math 20 or 23, Chemistry 20 and Biology 20		
Architectural Technology	*	2				50				CR				
Architectural Interior Design	Second Year Options													
Landscape Architecture														
Urban and Regional Planning														
Basic Banking and Business		1												
Biological Sciences Technology		2				CR		CR				Plus Biology 20		
Ecological Sciences	Second Year Options													
Laboratory and Research														
Pollution and Environmental Sciences														
Building Construction Engineering Technology		2				50				CR				
Business Administration	*	2				50						Plus 50% in Math 20 or 23		
Accounting and Finance	Second Year Options													
Administrative Management														
Marketing Management														
Chemical Technology		2				CR		50						
Civil Engineering Technology		2				50				CR				
Combined Lab and X-Ray Technician (twice yearly)	* MI	2				50		CR						
Commercial Baking		1												
Commercial Cooking (six times yearly)	MI	2												
Commercial Signwriting	*	1										Plus Grade XI Art, Drafting or Related Experience		
Computer Systems Technology	*	2				50		50						
Court Reporting Technology	*	2				60						Plus two Grade XII - 30 series subjects and two other Grade XII subjects. Overall average 60% with no subject less than 50% also typing at 40 w.p.m.		
Dental Assisting	*	1												
Dental Laboratory Technology	*	2										Plus Math 20 or 23		
Dental Mechanic Technology	*	2										Plus Math 20 or 23		
Dietary Technology		2										Plus 50% in Grade XI English, Math 20 or 23 and a Science		
Earth Resources Technology		2				50		CR or CR						
Mineral Resources Technology	Second Year Options													
Petroleum Resources Technology														
Resources Engineering Technology														
Water Resources Technology														
Electrical Engineering Technology (twice yearly)	MI	2				50				CR				
Electronics Engineering Technology		2				50				CR				
Electronic Service Technician	*	1										Plus 50% in Math 20 or 23		
Emergency Medical Technician - Paramedic	*	2										Plus 2 of Chem 30, Biology 30, or Physics 30 Class 5 plus 1, 2 or 4 Drivers Licence St. John's Ambulance Standard Certificate		
Engineering Design and Drafting Technology		2				50				CR				
Forest Technology	*	2				50				CR				
Forestry	Second Year Options													
Wildlife, Fisheries and Recreation														
Health Record Technology		2				50						English 30, Plus four of: Math 30 or 33 or 31, Biology 30, Chemistry 30, Physics 30, Social Studies 30 or Language 30 (other than English) Overall average 60% with no subject less than 50% also Grade X typing.		
Hydrocarbon Engineering Technology		2				50		CR						
Industrial Heavy Equipment Technology	*	2				50				CR				
Instrumentation Engineering Technology		2				50		CR or CR						
Ladies' Hairstyling (four times yearly)	* MI	1										Plus a Grade X Science		
Materials Engineering Technology		2				50				CR				
Mechanical-Industrial Engineering Technology		2				50				CR				
Medical Dicta-Typist		1										Plus Grade X Typing		
Medical Laboratory Technology	*	2						50	50			English 30, Math 30 plus one other Grade XII - 30 series subject. Overall average 60% with no subject less than 50%.		
Medical X-Ray Technology	*	2										English 30, Math 30 plus two of Physics 30, Chemistry 30, Biology 30, and one other Grade XII - 5 credit subject. Overall average 60% with no subject less than 50%.		
Men's Hairstyling (four times yearly)	* MI	1										Plus a Grade X Science		
Millwork and Carpentry		1												
Photographic Technology	*	2										Plus 50% in English 20 or 23, Math 20 or 23, also Physics 20 or 23, OR Chemistry 20.		
Plastics Engineering Technology		2				50				CR				
Power Engineering Technician - 4th Class (twice yearly)	MI	5M										Plus Math 10 or 13 also Physics 10 OR related work experience.		
Power Engineering Technician - 3rd Class		3M										Plus Fourth Class Certificate		
Pre-Technology - Adult Academic Upgrading	MI 6-9M											No Academic Pre-Requisite, age 17, out of school one or more years. Pre-testing and counselling is provided.		
Radio and Television Arts (three times yearly)	* MI	2				60						Plus Math 20 or 23, a Grade XI Science and Social 20		
Respiratory Technology	*	2								CR		Plus 50% in Math 20 or 23 and Chemistry 20		
Retail Meatcutting (twice yearly)	* MI	5M												
Surveying Technology		2				50				CR				
Tailoring Technician	*	1										Plus Grade X Math OR Science		
Telecommunication Engineering Technology (twice yearly)	MI	2				50				CR				

Open House Directional Map



Legend

Activities Centre	7	Gymnasium	6
Administration	3	Health Services	2
Apprenticeship Board	2	Information	1
Canada Employment Centre	2	Library	5
Continuing Education	2	Parkade	9
Counselling	2	Registrar	2
Food Services	4	Tower	8



The Structure of NAIT

The programs offered at NAIT are subdivided into three broad categories: Business and Applied Arts, Technology, and Industrial division. The following programs offered are grouped according to division. The following write-ups on the program are listed alphabetically.

Technology

ANIMAL HEALTH
ARCHITECTURE
BIOLOGICAL SCIENCES
BUILDING CONSTRUCTION
CHEMICAL TECHNOLOGY
CIVIL ENGINEERING
COMBINED LABORATORY AND
X-RAY
DENTAL ASSISTING
DENTAL LABORATORY AND
MECHANIC
DIETARY
EARTH RESOURCES
ELECTRONICS
ELECTRONICS SERVICES
EMERGENCY MEDICAL
ENGINEERING DESIGN AND
DRAFTING
HEALTH RECORDS

HYDROCARBON
INSTRUMENTATION
MATERIALS ENGINEERING
MEDICAL DICTA-TYPIST
PRE TECHNOLOGY
PLASTICS ENGINEERING
RESPIRATORY
SURVEYING

Industrial

AIR CONDITIONING
ELECTRICAL
FORESTY
INDUSTRIAL HEAVY DUTY
EQUIPMENT
MECHANICAL INDUSTRIAL
ENGINEERING
MILLWORK AND CARPENTRY
POWER ENGINEERING
TELECOMMUNICATIONS

Business & Applied Arts

ADMINISTRATIVE SECRETARIAL
BASIC BANKING AND BUSINESS
BUSINESS ADMINISTRATION
ACCOUNTING
ADMINISTRATIVE MANAGEMENT
FINANCE
MARKETING MANAGEMENT
COMMERICAL BAKING
COMMERCIAL COOKING
COMMERCIAL SIGNWRITING
COMPUTER SYSTEMS
COURT REPORTING
MEN'S AND LADIES' HAIRSTYLING
PHOTOGRAPHY
RADIO AND TELEVISION ARTS
RETAIL MEAT CUTTING
TAILOR TECHNICIAN

THANK YOU!

We would like to express our
thanks to the following companies
for the complimentary advertising
they provided in support of:

NAIT OPEN HOUSE '82

Canada Safeway Ltd.

Mc Donald's Restaurants Ltd.

The Brick Warehouse Ltd.

Fuhr Ford Mercury Ltd.

Blanchett Neon Ltd.

Air Conditioning & Refrigeration

Welcome to NAIT's Open House! The Air-Conditioning students and instructors invite you to our displays. This two-year course is designed to train technicians in the Air-Conditioning, Heating and Refrigeration field. Refrigeration has reached prominence in manufacturing processes, product storage, and product transportation. Air-Conditioning and comfort systems are employed in many industrial, commercial or residential complexes.

This encompasses a broad field of operations in which graduates of this program find themselves in great demand. The Air-conditioning Technologist, upon graduation, has the choice of employment in design, control, maintenance or sales. Such stimulating and diversified employment readily available to graduates should appeal to many individual tastes.

The first year imparts a basic understanding of Air-Conditioning and refrigeration principles necessary for design and maintenance. A basic refrigeration course, consisting of theory and practical lab, teaches the fundamentals of the refrigeration cycles and enables the student to select refrigeration systems and their controls. electrical instruction includes the principle of current flow, induction, AC power and three-phase systems including motors, starters, and transformers. Air-Conditioning theory and lab discusses human comfort conditions, psychrometrics, air-conditioning load analysis and testing procedures. control of air-conditioning equipment using electric controls is taught as well. Plumbing, machine shop, sheet metal and thermodynamics are included in first year instruction.

The second year of the Air-Conditioning course continues with many of the same courses with a more specific and practical bias, especially in the design aspect of the field. A computer course in basic provides an interesting and valuable addition to the program, as computer control of systems is becoming more and more widespread. Refrigeration theory now keys on to component selection, special application, and the absorption refrigeration cycle while a lab analysis course discusses defrosting, testing, and trouble shooting of refrigeration systems.

Electronic and pneumatic controlling of equipment including Boilers is covered in the Controls course, Piping drawings and hydraulic and pneumatic control circuits are features of the Drafting course. Mechanical detail drawings is also taught with emphasis on radiation heating and ducting drawings. A Sound Control class deals with human hearing, sound power levels, damage risk, noise reduction and testing procedures involved in the design of a structure.

During the course, the students will go on field trips to typical mechanical installations, including the mechanical rooms in NAIT itself. The course also provides time for physical education readily available in the many facilities provided at NAIT.



Blood donor clinic "every drop counts . Ou, ouch...aahh!!

Architecture

Lately, the building industry has been booming in Canada, particularly in Alberta. The industry, in it's growth, has created a need for skilled technicians that will contribute to complex and new methods of construction challenges.

The Architectural Technology Program offers a wide variety of scope in its content. Skills a student will comprehend and learn include architectural drafting, freehand drawing and sketching, and detailing of structural elements that will comprise architectural working drawings. As well, the student will become familiar with the various problems, methods, materials and physical aspects of construction to generate a well-rounded knowledge of the field.

The first year of the Program is a general basis for Architecture dividing into four options for second year students. Here, students may follow their personal interests and goals in Landscaping, Urban Development, Interior Design or Architecture. Second year courses cover a broad spectrum, including much practical training in preparation for the working field.

Most of the second floor of NAIT Plaza II is devoted to this Technology, and the atmosphere is relaxed and conducive to inter-relation of students in different options and of students to instructors. Open spaces and movable partitions as classroom dividers allow students to work together as well as individually in their projects.

The Architectural Technology students and staff are know for their participation in NAIT events, particularly in Open House. In 80-81 they received both Awards for Open House and have won several times in the past decade. Such participation between students, staff and outside businesses which become involved allow students to relate to professionals already in the field, gaining experience and contacts - as well as having a great deal of fun in working together.

The Program is, generally, one that offers many varied employment opportunities. It offers a place to gether many valuable skills. And, it offers many close and long lasting friendships that continue long after the two years at NAIT.

Basic Banking and Business

Our one-year program in Basic Banking and Business began in September with classes in fundamental accounting, management of personal finances, the background and principles of banking, and business communications which encompasses exercises in oral communication and memo and report writing. We progressed into the second quarter with more practice in speaking and business letter writing; advanced accounting with emphasis on the complete accounting cycle; and three hours of bank lab per day, simulating the actual financial setting of a bank branch, complete with customers. We are fortunate to have the use of on-line terminals which facilitate the entire operation and perform much as they do in a normal bank setting. This includes the odd breakdown which is in itself a learning experience.!

Besides the academics, all students have the opportunity to participate in any of a large number of single or group sports activities. With participation the big thing, this appeals to almost everyone. Or, if you're into music and

socializing, a 'Rock and Talk' session is held every second Friday or so, where you can dance a lot and talk a little, or vice-versa.

During the year, the class as a whole has taken a few brief respites from learning in the form of an in-classroom Halloween party, and enjoyable Christmas luncheon with instructors at the Old Spaghetti Factory, and attendance at the NAIT Talent Show.

With the completion of Basic Banking and Business, graduates can expect to find jobs in financial institutions as tellers, or in customer service positions. Employment opportunities also exist in other basic business areas which enable graduates to utilize skills gained in the different business-related subjects.

Whatever our present goal, we will have learned that to give good service in a pleasant and courteous manner, to work quickly and accurately, and to co-operate with others is basic to survival in the business world.

Business Administration

The Business Administration Department is NAIT's largest technology with four major course streams, Accounting and Finance, Administrative Management and Marketing. During the first year of the program all students take the same basic courses. This method of programming allows the administration to set up the timetabling so that students are grouped into individual classes in which they remain for the year. The class size varies from 25 to 40 students. This type of class allocation helps promote a friendly atmosphere in which students quickly get to know each other. The smaller class size also allows for an excellent relationship between students and staff. Students get to know the instructor on a personal basis.

The Business Department also has much more to offer than the fine academic program. There are three organizations which specialize in extracurricular activities that cater to business students.

The Administrative Management Society, better known as AMS is an organization which sets up seminars and dinners with major figures in the business field that allows members to learn more about the real business world.

Another organization which is very active at NAIT is Toastmaster's, an international group which features guest speakers and allows students to learn the art of public speaking.

For the student who desires fun activities to relax in his free time there is the Business Administration Society, the party specialist. BAS organizes cabarets with top name bands as well as ski-trips throughout the interior of BC and northern US. BAS is also the representative of business students at the NAIT student council where students can voice their opinions.

Civil Engineering

The students and staff of Civil Engineering Technology welcome you to Open House '82 and we invite you to come and view our displays in Plaza II. You will find these displays interesting and the technology guides very informative.

Rapid economic growth in recent years has resulted in a high demand for civil engineering projects. Civil Engineering Technologists are assisting engineers in all facets of engineering to meet this demand. The technologists are assisting in planning, designing and supervision of industrial, commercial and residential projects.

Graduates of this program find work in many facets of engineering. For example, they may perform the preliminary survey for residential subdivision, aid in designing and drafting underground utilities such as sewer and water lines, aid in designing the surface works such as lot grading, street grades, curbs. They could also be involved with field layout of projects, inspection of workmanship and materials or testing of soil, asphalt or concrete.

Employment location may be rural or urban is generally full time with the choice of outdoors, office, or a combination of the both.

Academic training and practical skills necessary are presented through lectures and labs supplemented by field trips to industrial sites.

Many students find summer employment between their first and second year through the Canada Employment Office at NAIT.

Again we invite you to come and view our display in Plaza II and we wish you to have an enjoyable and exciting Open House '82.

Building Construction

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 person from tradesman through to foreman, superintendent of administrator, in the time frame dictated by the requirements of the industry.

This technology has a track record of being on of the most active and involved Tech.'s at N.A.I.T.

We:

- sponsor the annual Bridge Building contest,
- annually enter the Great Northern Concrete Toboggan races and hosted the championship in 1980,
- uphold the highest intramural points,
- are the champions of more intramural activities than can be mentioned,
- are very active in student government. This year the positions of NAITSA President, Nugget editor, Yearbook editor, Security officer, Referée captain and more are all held by active B.C.E.T. members
- in conjunction with Secretarial Arts, sponsored the winner of Miss NAIT three years in a row,
- throw the best bashes at NAIT.

We are hardworking students who know when to study, when to party and are good at both!

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 (carpenter masonry, plumbing, electrical, etc.) 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. Opportunities for promotion are limited only by the desire, energy and ability of the graduate.

Biological Sciences

Biological Sciences Program as depicted in the NAIT calendar incorporates a study of Chemistry, mathematics and the life sciences. There are many academic courses to be taken which offer a wide range of interesting study. But Biological Sciences not only involves academic work there is also alot of extra curricular activities which are fun and great for getting to know people.

First off, all Bio Science students have the opportunity to become involved in any intramural sports they wish. Bio Science in past years and the present one has always had a good showing for sports and we just recently won the broomball championship (Yah Team!) Intramural sports include: floor hockey, soccer, flag football, broomball, racketball, squash, wter polo, volleyball, basketball, baseball and others. Teams maybe co-ed male and female teams or individual competition.

Besides intramural sports there are plenty of group activities such as Shinerama, Queen Week - Winter Carnival week where your tech is involved with all sorts of weird activities to gain points for their team. Shinerama in case you may not know involves going out into the streets and shining shoes for people. If it is volunteer work and all proceeds go to a good cause; Muscular Distrophy. Queen week - winter carnival involves picking a queen to represent NAIT. One representative from each technology is chosen and is supported by here technology. Whose ever tech wins the most points in one weeks time; by building body pyramids, bathtub races, fashion shows and serving tea, their queen will represent NAIT.

But for all those not interested in healthy sports or team get togethers, you may enjoy sitting back with a beer and

listening to some good music and maybe even dancing. This can be accomplished at Rock and Talk every second Friday or on the local K-wing the Kingsway Bar. The Chateau Louis is also available, only a bit further away. But also to add to the entertainment the Bio Science technology itself throws about 5 cabarets a year. These cabarets are a great combination of dance, drink and have a good time.

Chemical Technology

The prospective Chem. Tech. student can look forward to many after-class activities and at making the time spend here a lot of fun as well being a good learning experience.

Various cabarets and beer-bashes have the full support of the staff and student body. The Chem Tech staff fully realize that all work (and there is plenty of it!) and no play, makes Jack a dull boy. This is exemplified at the end of the year slow pitch baseball game between staff and students. Jim Douville, this year's president and the rest of the Chem Tech Students' Association have organized many good times, including the high-light "year-end classic." Next year's students' association can also be expected to do a find job.

This year's Chem Tech class contributed to several of the inter-collegiate teams as well as participating in many of the intramural events.

Any students that are seriously considering enrolling in the Chem Tech program here at NAIT can look forward to a lot of fun as well as a promising and well paid career upon graduation.

Combined Lab. & X-Ray

In this province, the Health Care field is considered to be one of the most progressive and sophisticated of any other industry. This environment of perpetual change dictates the high standards of specialty personnel involved in a total patient care industry. Through the Health Sciences department, the Northern Alberta Institute of Technology has met the challenge of providing the highly qualified personnel in this pursuit of technological growth in the Health Care programs. The Certified Combined Lab and X-Ray is one that will offer you a challenging as well as a rewarding career in the basic art and science of Laboratory and Radiology primarily in a rural hospital setting.

The Certified Combined Lab and X-Ray technical is trained to do radiography, electrocardiograms and basic laboratory procedures. Their realm of expertise would encompass such duties and responsibilities as:

- complete urine analysis
- blood smears and their interpretations
- blood chemistries for Sugar, BUN and Bilirubin
- follow Laboratory Quality Control guidelines
- electrocardiograms and the knowledge to recognize an abnormal result
- complete radiographic procedures including processing
- follow Radiology Quality assurance guidelines

The program is conducted by the Health Sciences Department under the jurisdiction of the Northern Alberta Institute of Technology. The institute program is of 24 weeks in length followed by a 25 week practicum in any one of our rural training centers. During this last phase of the training program, the students are expected to submit assignments to the school for evaluation as well as pass the performance appraisals from the hospitals.



For those who have had it up to their...of test and assignments, we give you...Rock & Talks.

Commercial Baking

If "variety is the spice of life", then the one year Commercial Baking Program must surely be one of the most attractive courses on campus. From their very first day in the fully equipped bakery, students of either sex and from all walks of life experience for themselves the challenge and satisfaction to be gained from producing the enormous range of products required of the modern baker.

Creativity, skill and imagination are required in the baking and decorating of products as dissimilar as two tier wedding cakes, petit fours and variety breads. There is no time to stand around and get bored, for no sooner is one new skill acquired than it is time to develop another.

The program is not just limited to practical production. Time is also spent in learning the theoretical side of food production. The theory of raw materials, food processing, sanitation and basic business knowledge are also covered and Bakery Students suffer the same tensions as students from other technologies when exam time rolls around.

One month of the program is spent outside the institute when students gain actual working experience in a local bakery. This is the opportunity for them to try out some of their recently acquired skills and to learn at first hand, just what the bakery business is all about.

All is not work however. At Christmas time members of the Bakery Students Club bake and sell Ginger Bread Houses. Some of the proceeds of this sale go to charity and you may have seen the club representative making a donation to the ACT on the recent Telerama. Another Christmas project by Club members was to visit the Glenrose Hospital and show the youngsters there, how to make Ginger Bread Houses for themselves.

Field trips are an important part of the program but the Edmonton area is limited in the number of food processing plants available. Therefore an extended field trip is taken to Southern Alberta each year where a greater variety of food manufacturing operations can be seen.

Come along and visit us in the NAIT Bakery during Open House. Look at the displays, watch a demonstration and talk to the students, we know that you will enjoy it.



Commercial Cooking

Cooking is both an art and a science, sometimes simple, sometimes complicated, depending on the ingredients used and the numbers that you are cooking for.

In the Commercial cooking Program students learn the skills necessary for employment in commercial kitchens. These skills consist as such things as meat cutting, pastry work, soups, sauces, vegetables and the roasting of meats.

An important part of the program is the study of the metric system, sanitation, menu planning, nutrition, and the fundamentals of operating a restaurant business.

Most students participate in club Culinaire where they use their talents to raise money for such projects as field trips and a variety of charities. The club also offers the opportunity to exchange ideas and share their experiences of their favorite pastime....Cooking!

The opportunity for developing skills and knowledge in this exciting career are limitless. So please come and visit us during Open House. Look at our displays and talk to our students.

Court Reporting

???? \$30,000 a year - two years from now????
Yes, you!

Interested in what happens in court in drug, rape, murder, and bank robbery trials?

BECOME A COURT REPORTER

WHAT'S A COURT REPORTER?

A Court Reporter writes **EVERYTHING** that is said during the proceedings of a trial, inquiry or hearing.

CAN I REALLY LEARN THAT IN 2 YEARS?

Yes, you can, but it is a concentrated course. Everything you do in the program will be used by you on the job as a Court Reporter.

WHAT ARE THE JOB OPPORTUNITIES LIKE?

Excellent. There is a great shortage of Court Reporters in Canada. You will have instant professional status, and NAIT - trained Court Reporters have the best reputation in the country.

WHAT IS THE PROGRAM ITSELF LIKE?

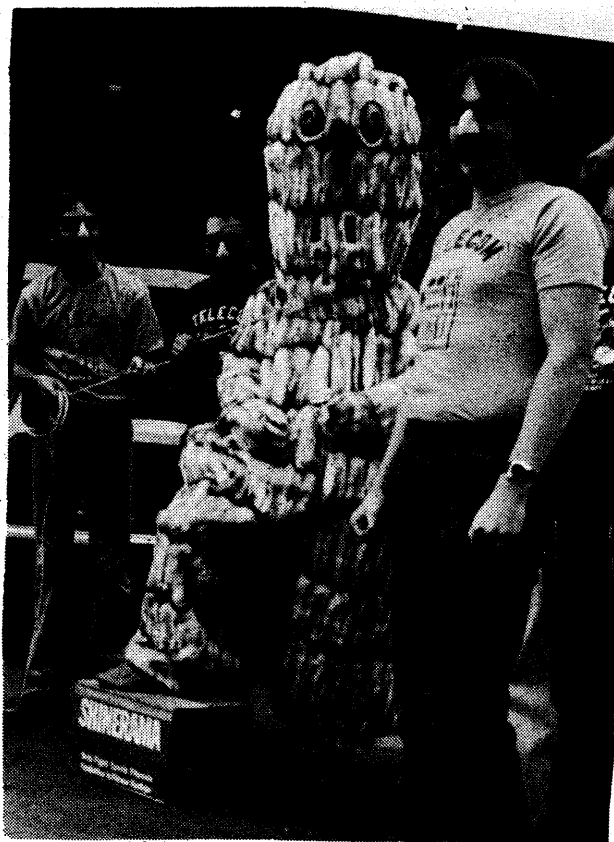
The program consists of **ONLY 3 COURSES** a quarter. These courses offer training in machine shorthand, criminal and civil law, English and medical terminology.

IS IT AN IMPORTANT JOB?

While it may appear that the Court Reporter is an unnoticed and unnecessary participant in the proceedings, the whole judicial process comes to a standstill if he or she has something to say. He/She is keeping the only complete record of the proceedings. the lawyers, judge, and witnesses are relying on him/her for an accurate record of the trial.

DO YOU REALLY START AT 30,000 A YEAR?

At least. If you want to work harder, you can earn more.



Da Ook is in da noose. Support Shinerama or da boys 'n me are gonna talk to ya....

Computer Systems

This two-year program is one of the most challenging, but upon successful completion also one of the most rewarding programs that NAIT has to offer.

The challenge is the level of difficulty throughout all terms, the above-average workload out of class and a constant need to demonstrate ones ability to work under pressure. This program is not designed for loners; you have to be able to work in groups, you have to learn to assume responsibilities, develop leadership skills and apply decision-making tools. Another key to your success will be your ability to establish priorities and to manage your time wisely.

The rewards are obvious: for the present and foreseeable future the data-processing industry is one of only few business areas that are certain to grow - offering great career potential, a wide range of jobs and above-average remuneration for individuals in this field.

And even during the course of the program all is not lost in workload. Students organize themselves in the Computer Systems Society (CSS) which engages in a variety of extra-curricular and social activities: cabarets, dances, ski trips - to name only a few.

Dental Laboratory Technology

See the graduating class of '82 demonstrate various techniques of our trade which range from: completing an orthodontic appliance, removable partial dentures, complete dentures, and the casting of full gold crowns.

Demonstrations daily in Room F213.

SCHEDULE

<u>Time</u>	<u>Friday</u>	<u>Time</u>	<u>Saturday</u>
12:00	Complete dentures	10:00	Crown and bridge
2:00	Crown and bridge	12:30	Removable partial dentures
5:30	Orthodontics	2:30	Complete dentures
8:00	Removable partial dentures	4:00	Orthodontics

Follow the 'teeth' to F-wing, second floor, Room F213.

Dental Assisting

Dental Assisting is a nine month course. These nine months are filled with a lot of hard work but along with this hard work comes many satisfying rewards. The most gratifying rewards are as follows: getting through the course and becoming an important part of the team of dentistry is always rated number one on everyone's list. Secondly the new companionships made between fellow classmates, instructors and other NAIT students are tremendous in numbers.

We get to know our instructors and classmates during the institutional hours, but our most enjoyable times that we look forward to are our great cabarets with our classmates and fellow NAIT students.

The cabarets not only function as a means of relaxation and enjoyment but also are used to raise money for various reasons, basically, for the ever most important GRAD fund. Along with the cabaret we also raised money this year by having a very successful skate-a-thon.

Our technology also has its own special activities. These include things such as visiting various schools in the city demonstrating Oral Hygiene techniques. We have a large project this year from March 15 - 19, in promoting Dental Health to the whole of NAIT.

As you can see, the nine months are filled with many new and enjoyable experiences and a lot of participation in the activities surrounding us.

Dietary

A Dietary Technician is a person employed as an assistant to Dietitians or Food Service Managers in hospitals, cafeterias and restaurants. With adequate work experience, a technician can assume responsibilities of operating a small Food Service Department. A Dietary Technician has had formal training in the fields of meal service, food production, normal and therapeutic nutrition.

Graduating students will be able to apply principles of nutrition, supervise the production and service of quality food, prepare basic meals, operate food service equipment plan menus patterned for clientele, apply principles of sanitation and safety in food service operations, maintain necessary records, apply the principles of management and implement cost control measures.

The length of the dietary program is two years. The durations of the first year is from September to May. This year consists of an introductory food production, followed by classroom instruction, including food labs. The second year consists of practical training, which is ten months in length at various food service institutions throughout the province. The second year is concluded with a six week summary course at NAIT.

The Dietary Technology course provides an opportunity to work in various jobs throughout the province which brings about interest and satisfaction for the student.

Earth Resources

In the past Open House editions of the Nugget we've told you about the Earth Resources course. This information can be found in the NAIT calendar. This year we want to tell you about the activities that we do other than the actual work in class.

Our technology has reputation for throwing excellent cabarets. In the time span from September to May we usually have 3 or 4 cabarets are varied allowing everyone's musical tastes to be satisfied, these include western, rock and roll and new wave.

We have an annual Christmas party combined with a hayride, this is usually a wild night. Other annual and crazy events are the broomball tournament where the trophy usually goes to the Soberest team, I don't think anyone has ever won this, the baseball tournament is much the same. There are also functions put on by other techs, NAITSA and many types of intramural sports. Basically what we want to show you is that the Earth Resources Technology is not all work, if you are willing, a lot of good times can be had.

Electronics

Do you like to blow up capacitors, make your hair stand on end play computer games. Then Electronics Engineering Technology is for you. Electronics is one of the fastest growing industries in the world. It is expanding into every area of human endeavour.

During the two-year course, the student will start at the resistor level and progress to the I2L chips. The course provides a practical mixture of theory and lab work. Emphasis is placed on practical skills and "STATE" of the art" applications.

In the second year, the student begins to work on complete communication and programming systems. A pattern of electives offered in the last quarter allow the students to specialize in the areas of their choice.

Life is not all work for the student. Through the Electronic Engineering Student Society, the student gets to see the social life of NAIT. The society sponsors numerous cabarets, parties, queen week, intramural sports events and usually 2 or 3 ski trips a year.

Once graduated the technologist is capable of working and communicating with scientists and engineers, and may be involved in research, design, construction, testing, and maintenance of electronic equipment.

With the opening of Bell-Northern Research Labs and similar institutions, the job market for graduates looks very promising.



The many ways of climbing up the ladder of sanity is doing it during Carnival Week.



We're open:

Monday - Thursday: 7:45 a.m. to 10:00 p.m.

Friday: 7:45 a.m. to 4:30 p.m.

Saturday, Sunday: 1:00 p.m. to 5:00 p.m.

Note: Evening and weekend hours begin 14 September

Information Services ●
Books ● Media Workshop ●
Slides ● Films ● Photocopies ●
Typewriters ● Study Areas ●
Periodicals ● Interlibrary Loans ●
and Much More
Discover the LRC.
In room U-104 or phone 427-9174

Industrial Heavy Equipment

Continuing expansion in the construction, coal, petroleum and petromining industries in Alberta has resulted in a dramatic need for heavy equipment service personnel. The heavy equipment service industry encompasses all on-highway and off-highway mobile equipment as well as engine powered stationary operations.

The objective of this program is to prepare the graduate to assume a productive role in industry; and, with the addition of work experience, to emerge in an analysis, training, or leadership position 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/physics the development of communication skills and an introduction to the supervisors role. The accepted career pattern in the service industry is also to obtain certification as a Heavy Duty Journeyman Mechanic.

Graduates desiring the Heavy Duty Journeyman qualification will require an employer who can sponsor a twenty-four 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 twenty-four month period.



Medical Laboratory

The public opinion of a Medical Laboratory Technologist tends to run to the macabre. Rather than thinking of us wielding only a needle and syringe, we would like you to see us as the hardworking, people-oriented group which we are.

Spending large amounts of time and energy together, we build a special rapport between staff and students.

We have an elected council who, along with support from the rest of the Med Lab students, involve us in many athletic and social functions. As a group, through donations, we raised one of the largest amounts of money toward NAIT's contribution to the ACT Telerama. We got together for an evening of relaxation and enjoyment of the Christmas season and, at the same time gathered gifts for Santas Anonymous. We have planned a cabaret with the Bio-Science students, hopefully raising sufficient funds for our year-end bash.

Although Med Lab students are a busy lot, we have successfully participated in NAIT intramurals, as well as other athletic activities. One of our classmates has reached the National competition in badminton.

If you are interested in finding out more about our academic program, please read the NAIT calendar and visit us in F106 and F107 today. There will be students and staff available to show you our interesting displays.

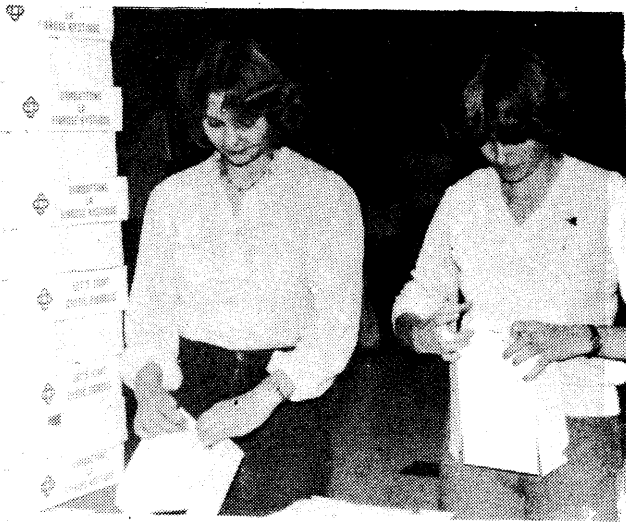
CYTOTECHNOLOGY

Cytotechnology is a specialized option in the Medical Laboratory program. It involves the morphologic evaluation of cells; the chief aim being the early detection of cancer. In addition the cytologist aids in: the detection and identification of specific agents causing diseases, evaluation of efficacy of therapy, sex determination, evaluation of endocrinopathies and others. A microscope comparing the appearance of benign and malignant cell will be on display in F107 during NAIT Open House.

Pre-Technology

This article is directed mainly to the future students who are willing to take time in choosing a course which will possibly affect the rest of their lives. Fortunately as I look back, I was one of those future students who had taken time.

As a student who will soon be completing high school, what is written in this article should be considered. Of the many programs offered at NAIT you may be familiar with some of them through your counseling department in your high school, or through NAIT's counseling office. Each course has been carefully laid out to give a graduate the necessary tools which will allow them to enter their technological field with confidence and the proper knowledge.



Don't look now but that blonde hunk is strutting this way!

In some instances there is a large gap between the high school student and the NAIT student. Upon entering NAIT, the student is immediately subjected to ideas of the future along with a complete upheaval of what he or she presently defines education as. This in turn leaves even the best educated high school student wondering if he or she has made the proper course selection.

Fortunately for the many new people who discover NAIT, there is a program which gives the future student all the information they need to bridge the gap between the high school system and the technical institute system. The name of this course is titled PRE-TECH. A very fitting name for a course which should be considered before any technology.

The part of this course which should be considered is academic. There may be certain material which is not present in your education which will cause you to put in a lot of extra effort at NAIT and sometimes even that is not enough. The end result is either dropping out of the technology or transferring to Pre-Tech. This is a real problem when you are half way through your first quarter. There is no one system to blame. The high school system structured for general applications and the NAIT system is structure for specific applications in a given field.

Therefore we have two systems which are meant for two different purposes. Realizing this deficiency the administration of NAIT formed a program which would give the student the necessary background which was not received in high school. When they formed this program (Pre-Tech) they did not realize a very important form of education. This form was hidden inside the program. The hidden secret which gives the student a type of knowledge they will find invaluable is time. Time to find out what technology is, as well as how things are done in the technical system. Basically pre-Tech slows the student down long enough so he can get a picture of what NAIT is trying to accomplish and what part he or she plays.

The question you must consider and ask yourself carefully is, what do you want to achieve in your life. NAIT is one of the next steps in progressing in that direction towards your goal. Picture NAIT as one large Candy store, where you can have anything you want. With that in mind you can see why it is important to take time and ask yourself what you want.

Walk through the hallways and familiarize yourself with the exhibits on Open House day. There will be many people who will answer any question your mind can conceive. By taking a few days to look over the exhibits and form some pretty tough questions, you will be partially armed to make your choice of a suitable programs. The next one or two years will only follow the very organized path which the administration at NAIT has perfected over the years that the institute has been in operation.

I know that Pre-Tech will give you the time to figure out what you want. The choice you make is very important to you. Take the time to choose properly by finding out the facts for yourself. Do some digging on your own. The time you spend now will definitely pay off down the road and that is where everything being taught at NAIT is headed for. Educating people properly for tomorrows technology.



What's life as a N.A.I.T. student like...If you have to ask...

Radio & Television Arts

Simulating a lifelike situation as closely as possible, Radio and Television Arts is one of the most challenging and rewarding two year programs at NAIT. Students are admitted into the program three times during the year, at the beginning of each quarter (September, December, March). Each student spends one quarter (12 weeks) in the classroom, two quarters (24 weeks) in radio, and one year (36 weeks) in television.

Upon completion of the course, RTA graduates gain employment at radio and television stations throughout Western Canada. In most instances, the graduating student must be prepared to start his or her broadcasting career in a smaller center.

One of the smaller technologies at NAIT, Radio and Television Arts has an average total enrollment of 80 students. The small intake allows students to enrich their background, create new friendships, and prepare for the working world in an atmosphere geared towards participation. Students in RTA give their best effort continuously, and, as a result, are respected throughout NAIT. Past graduates of NAIT's Radio and Television Arts Program include CITV Sportscaster Lance Brown, CFRN Newscaster Daphne Little, and K-97 Announcer Joanne Wilson.

In radio, the student spends six weeks in each of the four areas--announcing, news, production, and continuity. The efforts of the students are channelled into CHNR NAIT Radio which broadcasts at 99.5 on Quality Cable FM, and 101.7 on Capital Cable FM.

A middle-of-the-road station, CHNR selects its music from its own record library. Four production studios are operational for recording program material. CHNR also has its own broadcasting studio from which the signal originates.

In television, the student is introduced to various technical and creative positions found within a television station. A student can display technical skill as a cameraman, a VTR operator, or a director. In contrast, the student can exhibit his creative talents as a writer, interviewer, or announcer. CRTA-TV Productions completed by students can be viewed periodically on Cable 10.

During Open House, the students of RTA will be available to present their expertise. CHNR NAIT Radio will broadcast live for the duration of Open House. CRTA-TV will produce continuous programming to entertain and inform guests.

Radio and Television Arts is located in the Industrial Technical Building (V Wing) just across the skywalk on the north side of 118th Avenue. All the students and instructors in RTA welcome you to Open House and would be more than happy to show you around the Radio and Television Arts facility. They will be pleased to answer any of your questions, and keep you entertained.



...the only thing that helps me pass the time away, is knowing I'll be back in the summer someday!

Paramedic

The Emergency Paramedic program is the newest program on the NAIT Campus. Thirty students were accepted in August 1981, into the two year program and will be the first graduating class in the spring of 1983.

The Emergency-Paramedic program is housed in NAIT Plaza Four. The students of this program are easily identified by their crisp white shirts, dark blue pants and ties.

The courses offered in the program are varied in content; anatomy and physiology, cardio vascular and neonatal emergencies, pharmacology, respiratory, micro biology, extrication and rescue just to name a few. Formal laboratory periods in different subjects compliment the lectures. Outside of the NAIT Campus the paramedic students have ambulance - field and hospital - based internship periods. Field trips to numerous outside agencies are also included.

No where in medicine is the element of adventure and challenge as powerful as in the sphere of pre hospital emergency care. The paramedic who ventures out into the field to render initial treatment at the scene of emergencies has to like surprises, for no one knows what the next call will bring. This kind of work requires a special sort of temperament. Hours may pass without a call and then, right at the end of the shift, there are three cardiac arrests in a row, followed by an emergency child birth. The EMT - Paramedic must be able to perform effectively under the most difficult possible conditions; to improvise, to learn to laugh, and above all care.

It takes a great deal of study to become an emergency paramedic. In no other branch of medicine can one gain so much insight into the patient as a unique individual. One encounters the patient in his own setting, among his family, friends, or business associates, and one sees him in a way that is not possible in the hospital setting.

In order to gain an insight of what the emergency paramedic program has to offer, visit the display booth during NAIT open house. Students will be on hand to answer questions and demonstrate various paramedic skills.

The Nugget as our readers:
David S. S.
Cheryl S.
Jen S.
Stacy Turner
Nick
Borelli
2:00 AM

Retail Meat Cutting

During "Open House" there will be products for sale and the students will be at your service in selling these products. We will also answer any questions you may have regarding the display, the course and the sale.

Surveying

The eighteen months of classroom study are broken down into three separate terms, so a student gets a "breather" and a chance to let the learning sink in, as well as a chance to apply what he/she has learned to a job situation. The money earned during the summer work term significantly helps to pay a student's room and board during the winter, so Survey Technology is a financially viable program, too. The work terms allow the student to become familiar with the job market before graduation, and prospective employers know that a graduate from this program has at least one year of job experience, making him/her a very hireable individual.

The theme of our open house display this year is "Surveying: Past and Present". Surveying is an old science, and surveyors were at the forefront of the exploration and settlement of this country. Today surveying and related professions are at the forefront of technological change utilizing lasers, radio and microwave transmission, remote satellite sensing and computers.



THE NUGGET ENCYCLOPEDIA



A reference source of
entertainment,
worldly, and
spiritual
matters which affect the student.

In your first few days at NAIT you received pamphlets, folders, calenders, books, papers, and all other kinds of combinations of information dissemination. Most of which you will probably file under G as soon as you get home. The Nugget sympathizes with you. Today we suffer from information overload. We have an answer to your plight, more information.

We, at the Nugget, are in the communications business and realize that some information is more valuable than other information. Information is valued at the amount one utilizes it. If one reads a pamphlet then throws it away literally and in memory then that information was of little use. Information should be used again and again. Therefore we have assembled what we feel to be critical information about life at NAIT and also included information about life on the outside of NAIT. It will all come in handy.

Our budget prohibits us from doing a nice glossy package complete with pictures to go with the words. We firmly believe that you, the student, will be able to overcome this disadvantage and use this directory throughout the year as a reference source.

A

ANGST

Dread, fear of the unknown. Cause of most psychological disorders in man. Most common complaint of students around exam time.

ANSWER

What we are all searching for. There is no particular answer. The search is what is important. Although try to tell that to an instructor.

APOCALYPSE

The end. Something that is very close. The horror, the horror.

AUTOMOBILE

Modern invention that started out as a good idea but turned into a Pandora's Box. Responsible for depletion of resources, urban sprawl, breakdown of the family, and moral degeneracy. Modern answer to genocide. Handy things to have during a bus strike.

B

BABY

Related to *Beginning*, and *Apocalypse* if unplanned.

BEERFESTS

Huge gatherings of students whose sole purpose is to drink beer. ALCB thought students were having too good of a time with throwing beer and tables and have forced stringent guidelines on participants.

BEGINNING

In opposition to *Apocalypse*.

BOOKS

Excellent tools for learning. Students are expected to memorize contents of books and regurgitate them at appropriate times during the year. Supplementary books are located in Library.

BOOKSTORE

Is a hole in the wall and operated like a fast-food franchise. Students line up to give orders and books are retrieved. Staff feel NAIT is equivalent to Watts and protect themselves accordingly.

BRIDGE BUILDING CONTEST

Activity put on by Building Construction students. Is a contest to see which technology can build a bridge over a creek and get people over and back in the fastest time. Cabaret follows to shake water off. Is good training for the *Apocalypse*.

BUS

Modern convenience that counteracts the pressure of the automobile on the road. Subject to frequent stops and starts. Present city buses are stalled on stop. Students rely heavily on buses for mobility.

C

CAFETERIA

Place to eat but is usually filled with smoke. Males loiter to watch the females. The food is prepared by students of NAIT so you take your chances. See *Gambling*.

CAMPUS CENTER

Something which we do not have.

CAMPUS SECURITY

Very tight. Equivalent security to NORAD defense headquarters. Patrolled by retired army commandoes. Weekend visitors require password and photo and voice check. *Plaza 11* is patrolled by dogs.

CHALLENGE CUP

One technology challenges another technology for supremacy at NAIT. Challenger thinks up a game its students are proficient at. Wargames are not allowed.

CHANCE

According to *Quantum Mechanics* there is no ultimate cause and effect but only chance that an event will happen. Prompted Einstein to protest this view saying, 'God does not play with dice.'

CLASS

A misconception held by prospective students that by coming to NAIT they will attain class. Close but no cigar. They will spend a lot of time in class.

COSMIC

A few of these creatures inhabit the NAIT hallways. They usually live in the Nugget office at night.

CREATIVITY

Commodity used by the Nugget as its staff scrambles to find new ways to fill its pages.

D

DEPENDENCE

what most students give up when they come to NAIT.
See *Teddy Bear*.

DOORS

The portal between here and there, *us* and *them*, known and unknown. It is good practise to keep opening doors. The *Apocalypse* sneaks up on closed doors.

DORMITORIES

Where lots of fun and games occur; especially in co-ed dorms. Unfortunately NAIT does not have any.

DUPED

See *NAITSA*.

E

ECCENTRIC

A bit off center. Term used to explain types of people who do things like wait for the train down at the dock. Usually the result of *drugs*.

EFFORT

See *excellent*.

EMPLOYMENT

The major reason students come to NAIT. They have to endure years of moulding, hammering, shock and abuse before they are trusted to be employable.

END

Blackness, end of the rope, no tomorrow. Synonymous with leaving home.

EQUALIZATION GRANT

Rural students are considered to be disadvantaged and offered grants of up to \$1800 to keep them placated and sedated.

EXCELLENT

What we all want to achieve here at NAIT so that we can get more money from our parents.

EXCITED

How first year students feel about coming to NAIT. How second year students don't feel about coming to NAIT. How Boy and Girl feel in back seat of a car.

F

FAILURE

Inability of student to gather enough marks to pass courses he or she is enrolled in. Very humbling situation and can be dangerous at times. They shoot horses don't they?

FINANCES

This is where one learns the difference between being the offspring of a millionaire and the offspring of some farmer. Is a major reason for not finishing school.

FLIP FLOP

An amazing ability possessed by politicians and cows.

FREE WILL

Nothing is free. You have to pay for everything these days.

G

GAMBLING

The adventure of offering something on the chance of gaining something better. Often called life. Around NAIT it is called going to the *cafeteria*.

GENETIC ENGINEERS

Experiementors creating new life forms. Not part of the Engineering Program at NAIT, although most students try to indulge in a bit of this type of engineering. See *baby*.

GENIUS

Somebody we all wish we were. Can be substituted by study but grudgingly.

GOD

Any complaints about the big picture are directed to Him.

GOD'S ASSISTANTS

Anyone in Student Services.

GONE

Not here anymore. Applies to drug users and Nugget editors.

H

HAPPINESS

Experienced by students late in the day and on weekends.

HELP

Most common word heard around exam time.

HERITAGE SCHOLARSHIP

Large infusion of government money to scholarships for the smart. The dumb still have to work.

HIGH

Disguised as a greeting but is the most frequently asked question in the world. High? No, not yet.

HOUSING

Because Edmonton is not situated in the tropics, housing is very important for survival in this climate. Unfortunately there are not many five bedroom houses with two bathrooms, fireplaces, wine cellar, and bomb shelter in this area. Have to settle for apartments.

HUMAN

The species of animal to which we belong but whose future is of less importance than the Whooping Crane.

HUMP DAY

Middle of the week, wednesday. Also see *excited*.

I

I

Self. Of great concern to the existential philosophers. They question what is meant by saying I. When one speaks of the I, 'I did this', it is already in reference to something done in the past by someone in the past. One is unable to simultaneously think of the self, I, and be aware of what the I is experiencing. The I is aware of the world and we reflect back on what the I was aware of. We experience in the present but think in the past.

IDEA

???

INDEPENDENCE

Freedom from: parents, friends, bullies, student finance board. See *end*.

INDIGESTION

Upset stomach caused by a number of factors at NAIT. Exams are primary cause of stomach pains. Also see *cafeteria*.

INFINITY

Length of time a student is at school.

J

JOBS

What we are assured of when we graduate from NAIT. To some students it is a promise, to others it is a threat. Those students go on to become university students.

JUSTICE

You want justice? Don't come to us with your petty problems. We got enough of our own.

K

K WING

Otherwise known as the Kingsway. Most frequent habitation of NAIT students. Not the best place to meet girls.

L

LAUGH

See *Nugget*.

LOCKERS

First come first serve basis for claiming lockers that line the hallways. Is claimed as personal property and can be protected in like fashion. Alarms, tear gas, electricity can be used to ward off *them* who want to deface your locker.

LOSER

Someone we all feel sorry for and claim we aren't. Related to *paranoia*.

LOST AND FOUND

Lost has to do with people in the Tower Lounge. Found has to do with student counselling, chaplain service.

M

MARIJUANA

Rare and dangerous drug. Users are subject to fits of frenzy culminating in attacks on old ladies and young children. Permanent distortion of spatial and temporal dimensions can occur. Also some loss of memory may

MENTALLY DEFICIENT

Lacking complete sense. See *eccentric*.

MOLOTOV COCKTAIL

Beer bottle or liquor bottle filled with gasoline. Place a wick in the end, set on fire and throw. Great fun at riots.

MONEY

Mana of modern religion.

MUMBLE

The way summone talks tuh yuh ina a way whic is difficul to unnerstan an verry frustratin. Good way to answe an instrucor when yuh donno the questunn.

N

NAIT

The institute of higher learning which you are attending whether by choice or force or accident.

NAITSA

Student association of NAIT organized with the single purpose of looking after students by relieving them of beer money and giving only promises of a better life in return.

NO

See *birth control*.

NUGGET

Student newspaper which ignores the students and helps waste the money *NAITSA* relieves from students. The editor and his sidekicks do their own thing on paper in a drunken stupor and some drug induced revelations that turn up in the garbage. Caretakers freak out everytime they enter E128.

NUMB

Feeling some students have when they receive their marks. See *loser*.

O

OH

Second most used learning expression of students in classrooms. Most popular is, huh?

OPEN HOUSE

Occurs once a year at NAIT. Students are groomed and put into cages so that the public can come and amuse themselves. Administrators of this event grow a lot older hoping the students will behave and act as they are

OUTHOUSE

Small structure used for rest and contemplation and getting thoughts together. Something that is unattached to the regular habitat.

P

PARANOIA

Realization of 'a priori' truth that not everyone is your friend. Actually that you have no friends and that everyone is out to get you. That instructors are out to fail you, that security is out to give you a parking ticket, the bookstore is out to sell you the wrong books with no refund, your friends only want your money, your dealer is out to rip you off, the cafeteria is out to experiemment new foods on you, viruses and other bugs are only after you, and your girlfriend doesn't love you anymore, if she ever did.

PARKING

Is a problem at NAIT because the airport won't move away so that we can use their runways to park cars. See *automobile*.

PEACE

Necessary for survival of human species but is ignored by most people with power to maintain it.

PLAZA II

Wild game preserve which houses Building Construction, Civil, Engineering Design, Architecture, and Survey Technologies.

PUB RALLY

Drinking and driving contest put on by TeleCommunications. Strategy is best communication between drinkers and drivers. Each team heads out to various bars and must arrive back at starting point closest to a prescribed time. Drivers must be big to get drinkers out of one bar to the next.

Q

QUANTUM MECHANICS

Is not a trade at NAIT. Is a way that scientists look at the world and is verifying what the Buddhists have been saying for thousands of years. See *reality*.

QUEASY

Common feeling of many people who leave the Cafeteria.

QUEEN WEEK

Great fun as various Technologies sponsor personable girls to become queen of NAIT. Students check out the girls personalities during the week and then vote on which has the biggest personality. *Nugget* loves this week.

QUIT

Common threat made by students soon after getting first assignment. Most instructors wish it was a promise.

R

REALITY

'Reality is whatever you want it to be.' Donald Goertz, a friend of the editor. See *science fiction*.

REFERENDUM

An issue that requires general student support or acknowledgement but is usually ignored by the students. *NAITSA* then takes steps to alleviate or rectify the situation. Very much like plebiscites for City of Edmonton.

REMISSION

Certain amount of Student Loan that one does not have to pay back given he pays back the rest. But then if you aren't going to pay back the rest who cares about the remission. Also associated with cancer and *failure*.

REWARD

A common demand made by students at NAIT for doing volunteer services on *NAITSA* projects.

RIFF RAFF

See *Nugget*.

ROCK & TALK

Friday afternoon drinking bouts. A contest to see how much beer one could drink between 4:30 PM and 7:30 PM on alternate Fridays. It takes two weeks to clean up from the last one. ALCB decided too much fun was being had at pubtimes and *NAITSA* agreed, deciding fun was not part of being a student. See *fun*.

S

SAVE

Students are expected to put away most of what they earn during the summer in order to survive the coming year. Much like squirrels and even have to go into hibernation to survive till the next earning season.

SCIENCE FICTION

Form of literature which i(extrapolates present trends to future conclusions, 2) postulates different realities and perspectives of looking at things, 3) is an escape from school work.

STUDENT

People who have given up the opportunity to earn \$20,000 a year so that they can spend \$5,000 to be told how dumb they are. See *mentally deficient*.

STUDENT BUILDING

A place students can call their own and go to for rest, relaxation and organizing of thoughts. Negotiations are under way for the creation of such an edifice. See *outhouse*.

T

TECHNOCRACY

Government by technicians.

TECHNOLOGIST

A specialist in *technology*.

TECHNOLOGY

Applied science.

TECHNOSTRUCTURE

The network of professionally skilled managers that increasingly tends to control the economy both within and beyond individual corporate groups.

TEDDY BEAR

What most students yearn for during the year but left at home.

TENSE

How some students feel while writing an exam and realize they have to go to the bathroom.

THEM

Communists, homosexuals, hippies, bicycle riders, easterners.

TOWER LOUNGE

Top of the Tower Building. Good place to sit and contemplate why you are at NAIT.

U

UPPERS

Amphetamines required at exam time to stave off sleep so that a student can manage his or her time to finish term projects, study for exams, and still go out for a beer.

US

You and me. The good guys who deserve the breaks and should inherit the earth.

V

VAMPIRES

Creatures which suck life out of students and hold them in their influence. Landlords are a prime example.

VIRGIN

Uncharted territory. Never been violated. Not much left on the earth which is virgin.

W

WHO, WHAT, WHEN, WHERE, WHY

Huh?

X

X

What occurs all too frequently on exams.

Y

YESTERDAY

Keep getting more and more of and less tomorrows. An aspect of *Quantum Mechanics* states there is no yesterday or tomorrow but only the present. All events exist simultaneously in the present.

YONDER

Somewhere we all want to be. Toto, I don't think we are at NAIT anymore.

Z

ZEITGEIST

Spirit of the time. The fifties decade was called the fabulous fifties, the sixties - surrealistic, and the seventies - swinging. Will this decade be called the empty eighties and the next, the none nineties?

ZERO

What is left after the nest war.

things go
better
with
Coke

Student Activities

NAIT PHYSICAL & LEISURE EDUCATION PROGRAM

Come to NAIT

Take advantage of the variety of activities available through the NAIT Physical and Leisure Education Program.

The Physical and Leisure Education Program offers you:

1. Professional & Experienced Instructors in the following areas:

- Fitness
- Combatives
- Golf & other Individual Sports
- Team Sports
- Racquet Sports
- Aquatics

2. Excellent Facilities including:

The Activities Centre:

- a) 50 m Swimming Pool
- b) Arena housing a hockey rink and rifle range
- c) Courts: 3 racquetball and 2 squash
- d) Weight room & Combatives room
- e) Lockerrooms with saunas, showers, lockers
- f) Sport Stores for towel & equipment distribution

Gymnasium Area

- a) Gymnasium with full & half size courts
- b) Sport Stores for equipment control
- c) Training Room for treatment of injuries
- d) Lockerrooms with lockers & showers

Fitness Testing Area

- a) Testing equipment including treadmill & exercise bikes
- b) Consulting Room
- c) Changing Areas

Track & Field

- a) Fenced running track 440m
- b) Playing field

II The Physical and Leisure Education Program is available to all NAIT students holding a valid ID card.

1. Lock, locker & towel service in activity area of their choice.
2. Use of the swimming pool for instruction or free swim Mondays to Sundays between 9:15 am to 6:15 pm most days.
3. Opportunity to join student clubs such as curling, scuba etc.
4. Use of the ice arena for hockey, ice skating, or curling in the winter and tennis in the spring.
5. Use of the arena for jogging year round.
6. Use of the rifle range for instruction at assigned times.
7. Make an individual appointment with the fitness Centre for a fitness appraisal and counselling.
8. Choice of your own hours and activity within your technology timetable.
9. Gain credit for participation in the Physical and Leisure Education program on your transcript.
10. Attend St. John's Ambulance first aid classes as arranged by your technology.



Students' Association


Each full-time student who enrolls at NAIT automatically becomes a member of NAITSA - Northern Alberta Institute of Technology Student's Association. Student fees are compulsory and will amount to \$75 per year, starting next year. A student can withdraw his support of NAITSA, but his student fees are not refunded to him, but donated to charity.

The \$75 is broken into three packages which go to support different purposes. Thirty dollars is put into athletics to support the intercollegiate teams that compete in the Alberta College Athletic Association. Some of this amount is used to provide equipment for the intramural program. The program pits technologies against each other in a variety of sports (over 30). Points are awarded for placement and also participation.

The second part of the \$75 student fees goes to support the Student's Association. NAITSA receives \$35 and uses this money for administration purposes as well as providing some social events for the students. About four large cabarets are held during the year and feature top name acts. As well as the cabarets, NAITSA puts on at irregular frequencies, usually not more frequent than every second Friday afternoon a Rock and Talk. A cover charge is dictated and students can drink beer and dance to local bands at the Rock and Talks.

NAITSA also provides weekend movies at minimal charge (\$1) every Saturday and Sunday. At various times during the year, free entertainment is provided during Common Hour. As well as the above, the student for his \$35 is given the change to receive a yearbook, the Northern Torch. The Nugget, as the student newspaper, is published every week during the academic year.

Instituted this coming year in a \$10 fee which will go into a Building Fund to support NAITSA in its attempt to build a building which would house NAITSA and provide a number of amenities for the students. The building is not yet on the drawing board, but the leg work to see that it does is being done.



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