



this is Humber



WINTER '73

Inside this issue

	Page
• President's Message	2
• New Humber-York Centre	2
• New Programs for January 15th	3
• Message from the Registrar	3
• Life at Humber	4
• Applied Arts Division Programs	6
• Business Division Programs	8
• Creative and Human Studies Division Programs	10
• Health Sciences Division Programs	12
• Technology Division Programs	14
• Training In Business And Industry Division Programs	18
• Part-time Studies at Humber	20
• Upcoming Events at Humber	24



President's Message

Welcome to your Community College. For 1973 we are offering some 90 full-time career programs and more than 1,000 special part-time courses. The community response to both our full-time and part-time studies has been most encouraging and this year we anticipate enrolling more than 25,000 students.

More important than size or numbers is that we have developed new educational opportunities, many of them unique in Canada, which are providing people of all ages with new prospects for their future careers.

We are always reviewing our educational curriculum and welcome involvement from every individual or group in our community.

The recent changes by the Provincial Government in the financing of post-secondary education has provided us

with a number of specific challenges in the planning of new developments for physical plants and academic curriculum.

However, we have an open, flexible modern college which continues to grow with the largest-ever participation of residents in our community.

The scope of our programs has broadened over the years to include upgrading of basic skills and academic training through to three year post-secondary studies. The variety of our educational curriculum will be evident as you glance through this publication.

I am sure you will find something that interests you.

I hope that you will join us in 1973 and assure you of a warm welcome.

GORDON WRAGG,
President

This is Humber

A publication of Humber College of Applied Arts and Technology, 214 Humber College Blvd., Rexdale, Ontario.

Humber College was established and is funded by the Province of Ontario through the Ministry of Colleges and Universities.

This publication was prepared by the Office of Community Relations with the help of the faculty, staff and students of Humber College.

For further information contact: Office of Community Relations, Director, Michael R. Feldman. Telephone: 677-6810 Ext. 421.

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Humber-York Centre Opens

Humber College has officially opened the Humber-York Centre in the Dufferin-Eglinton area—a community storefront concept to serve the area residents.

This new community outreach service of Humber College was designed to help identify the needs of York citizens and suggest ways in which the College can satisfy them.

The one-year project has six objectives: to provide a centre for analyzing community needs; to develop the leadership capabilities of citizens; to initiate action programs aimed at solving community concerns; to provide a forum for discussion of local issues; to make the expertise of college faculty available, and to provide a variety of educational experiences.

One of the first projects to be undertaken by the Centre is the establishment of a student tutoring service.

Initially, this was set up by a second year student at Humber in the Community Studies program. This was a field placement project using students from the College as volunteer tutors.

The Centre, located at 1721 Eglinton West, is run by Mrs. Gloria Quinlan of the College's Continuing Education Division. It is staffed by Alberto De Giovanni, a Community worker who speaks four languages. This talent is necessary because of the high percentage of immigrants in the area. As well, C.O.S.T.I., an agency concerned with the educational needs of immigrants, has placed Frank Colicchia one of their counsellors at the Centre.

An Italian speaking community consultant from the Centre is available to work with residents of the area to help establish groups that will work on problems or concerns of the area.

Residents of the area are invited to call 789-2177 for further information.

Registrar's Message • Fred Embree

At Humber the Registrar's Office is dedicated to assist you in becoming a Humber College student. Applications are processed on a first come — first served basis and we urge you to apply early in order to ensure entry into the program of your choice.

You may have made a firm career decision prior to applying to Humber College. However, we would like to ensure that you have all the information about programs, program content and career opportunities to help you make a sound decision. Our admissions counsellors, and faculty advisors are here to assist you in this matter.

If you are unable to enter the program of your first choice because of limited enrolment, etc., we will provide personal counselling to assist you in selecting the best possible alternative course of action.

The Ontario Student Awards Program is designed to assist you if you need financial aid, and can qualify under the terms of reference as set forth by the Ministry of Colleges and Universities, in order to attend College. This program is a combination of loan

assistance available through the Canada Student Loan Plan and grant assistance from the Province of Ontario.

This program is designed to supplement your resources and/or the resources of your parents, where in the absence of such aid, you would be unable to pursue your College education.

Remember, we are here to assist you, our door is always open and we will be glad to see you anytime.

A PROGRAM OF PEOPLE, PLACES AND INFORMATION

Before you decide on a specific career program you may wish to visit the College and talk to the admissions staff program coordinators, other students or just to look the place over.

Miss Leanna Wilson, our Secondary School Liaison Officer, will be pleased to make all the arrangements for high school classes and for small groups of students visiting Humber College. Depending on the date of the visit she may be able to arrange for students to sit in on classes and get the feel of college studies.



If you can't come to Humber for a visit, we'll come to your school. Miss Wilson will arrange for college representatives, slide presentations or films which will bring the Humber College story to your school. Guidance counsellors will find Miss Wilson particularly helpful in assisting in developing their post-secondary career information programs and for obtaining follow up information on student applications to Humber.

FLEXIBLE, INDIVIDUAL STUDY PROGRAMS

Many students are not definite about their long-time goals when starting their careers.

New Careers begin on January 15th, '73 at Humber College

On January 15th you can be on your way to a new career in full or part-time studies at Humber College.

Humber's Business Division is offering two popular programs—Computer Programming and General Business. Designed for Grade 12 graduates or mature students, these programs provide an opportunity for people to complete an academic year of studies before next September.

Computer Programming involves one year of concentrated studies in several computer languages, systems analysis, mathematics, accounting and business management.

Computer languages include Fortran, PL/1, COBOL, Assembler, RPG with hands-on experience on an IBM 370/135.

"The rapid growth in the use of computers has created a significant demand for competent programmers," says Eric Mundinger, Dean of the Business Division. "Our graduates are trained for positions with Data Processing groups of industrial or government departments involved with automated processing of information."

The two year General Business program provides a first semester of foundation studies for both general and specialized career interests. A program offering a wide selection of courses, study programs may be individually developed to include business law, mathematics, marketing, accounting, economics and electronic data processing.

Personal study programs follow the basic first semester, and involve three semesters of study in any of the following areas: marketing, accountancy, general insurance, life insurance, merchandising manage-

ment, retail supermarket management, wholesale administration, hotel and restaurant management. "In addition," notes Mr. Mundinger, "the areas of specialization may be developed to suit personal interests in any combination of these areas or in related areas."

While most students have made firm career decisions before application or after admissions counselling, some students discover an interest in a new program and wish to change. Other students may find difficulty with certain courses and wish to change to something closer to their interests and abilities.

Recognizing this situation, Humber College has developed a policy of flexibility towards the selection of courses and programs. Students are graded on a course by course basis and thus are not held back by difficulties in any one area of studies.

Also starting on January 15th, 1973 is the General Arts and Science, 2-year program which emphasizes experience-based learning in the social sciences and humanities.

As the basis of a variety of career objectives, this program offers courses of study including learning resources, community studies, systems of education, human relations development and English. A wide variety of elective courses ranging from industrial psychology, Canadian politics and media as language to urban anthropology, sociology and foreign languages.

Humber's Retraining and Apprenticeship Division is also offering a broad range of daytime studies. Courses range in length from 12 to 52 weeks in the academic, technical and commercial fields. Of particular interest is the Individual Learning Program which allows students to start at any time on a personal program of studies.

Part-time studies are also offered by two other Divisions of the College — Continuing Education Division and the Training in Business and Industry Division.

Together these two divisions offer more than 800 part-time day and evening courses. For details call 677-9540 or 236-1291 for free brochures.

CONTINUING EDUCATION WINTER '73 AT HUMBER COLLEGE

Participate in a new series of day and evening courses beginning the week of January 15th.

More than 200 college certificate and general interest courses provide you with an opportunity to discover hidden talents, be part of interesting discussion groups, develop personal interests and abilities, or just fulfill some old desires.

And you can choose day or evening courses, on any day of the week.

A few of these courses are:

BUSINESS MANAGEMENT

Marketing, Accountancy, Insurance, Hotel Management, Statistics

LANGUAGES

Spanish, Italian, French, English

MUSIC

Dance, Theatre, Song and Lyric Writing, Piano, Accordion, Percussion

CREATIVE ARTS

Writing, Crafts, Painting, Audio-Visual and TV Studios, Photography

CHILDREN

Development, Art, Books, Puppetry

TECHNOLOGY

Numerical Control, Drafting, Industrial Electrical Engineering

INDUSTRIAL LEARNING PROGRAM

Self-paced study in skills, commercial and technical areas, day, evening, or Saturday.

POT POURRI

Religions, The Occult, Equine Study, Dog Breeding, Wine Arts and more.

FOR FREE BROCHURES CALL THE CONTINUING EDUCATION HOTLINE AT 677-9540

Monday — Thursday: 9 a.m. — 9 p.m.

Friday: 9 a.m. — 4:30 p.m.

Saturday: 9:30 a.m. — 12:30 p.m.

**Continuing Education Division
Humber College of Applied Arts and Technology
Humber College Blvd., (off Highway 27)
Box 1900, Rexdale, Ontario.**

Also starting for the Winter '73 semester:

POST SECONDARY PROGRAMS BEGINNING JANUARY 15th

Computer Programming (3 semesters — 52 weeks)

General Business (4 semesters — 2 years)

General Arts and Science (4/6 semesters — 2/3 years)

CALL 677-6810 EXTENSIONS 302 - 306 FOR DETAILS

TRAINING IN BUSINESS AND INDUSTRY DIVISION

more than 600 management skills courses for managers and employees of all industries. Call 236-1291 for details.

RETRAINING AND APPRENTICESHIP DIVISION

academic, commercial, and technical programs. Studies on an individual learning basis with a program designed specifically for your interests. Call 259-5411 for programs available.

**If you think schools haven't changed, come and see us!
Register early — call today.**

Life at Humber

Life at Humber involves not only an opportunity to learn within the classroom and field work experience, but also within the community of your fellow students, teachers and staff at the College.

The Humber College community consists of people from a wide variety of age groups, cultural backgrounds, with a parallel difference in goals and perspectives of life.

With more than 25,000 full-time and part-time students the potential for inter-action and broadening of each person's learning is extensive.

To help serve the many diverse interests of our student community, the College provides several services to assist individuals in making their participation and life at Humber more complete.

The Student Services Division offers individual counselling, career planning and placement services, health services and an extensive athletic program.

Doug Scott, Dean of Student Services, has initiated a positive program responding to the interests of students over the past few years, and welcomes suggestions and participation from both full and part-time students in the College.

Career Planning

The Career Planning and Placement Section assists students in deciding on what career, employer and job to attain. Through on-campus interviews, students have a better idea of the type of company with which they are seeking a career. Action of this type keeps the student aware of the positive and negative aspects of a variety of companies.

The Student Services Department has an open invitation policy to all students and staff to make use of the Career Planning Library. This library aids students by outlining various careers, companies and agencies which may be potential employers in the future.

Students and potential employers should call Mr. Art King or Mrs. Ruth Matheson, our Directors of Career Planning and Placement for further information on these services.

Counselling

Student Services does not limit itself to the students' career needs. The professional staff also offers assistance in counselling to present students as well as counselling to those who are interested in attending Humber.

We feel that students should be free to come into our office and discuss openly such matters as choices and decisions regarding academic pro-

grams, social problems and their personal plans for the future.

Mr. Umesh Kothare, our Director of Counselling, welcomes enquiries regarding the Counselling Services. You may reach him at 677-6810 extension 211.

Humber's Student Services also operates an extensive athletic program which helps to develop a positive attitude towards participation in athletics.

A strong involvement in athletics, aids the student by developing both the physical activity and creative development of the student. At Humber students may participate in judo, skiing, tennis, golf and even a car rally.

Among the many programs offered are: football, basketball, hockey, tennis, scuba diving, volleyball, European team handball, baseball, soccer, skiing and swimming.

For further information on athletics call Mr. Rick Bendera at 677-6810 extension 270.

News at Humber

SATURDAY STUDIES AT HUMBER

Humber College is now offering academic upgrading on an individual basis on Saturdays as part of their Winter '73 Continuing Education Program. As well, students may take these subjects during the week, Monday through Friday.

No matter what grade a person has, they can begin advancing immediately to Grade 12. Students learn at their own speed with their own program.

Students come to the Queensway Campus on Saturday mornings to receive instruction, answers, use the research facilities, and get assistance. But some of the workload from the course can be done at home if the student desires.

Courses are available in English, Mathematics and Science.

ELECTRONIC DATA PROCESSING CERTIFICATE AT HUMBER

Humber College is offering a series of courses leading to an Electronic Data Processing Certificate as part of their Winter '73 Continuing Education Program.

Many people within the business community are finding that their involvement with computers and information processing systems is increasing on a daily basis. Some people wish to become technically involved in these areas, while others are mainly interested in how computers affect them in their everyday lives or their own particular employment situation.

From the nine courses listed as re-

quired for the Continuing Education Certificate in Data Processing, there are courses suited to both these needs. Whether a student, over a period of time, completes all nine courses, with the view of joining a Data Processing team at a later date or whether a student chooses two or three courses particularly geared to his interest areas, the selection as listed can satisfy the majority of requirements.

It should be noted that the content of the Continuing Education Certificate requirements is identical to the EDP requirements of the two-year Data Processing Program as offered during the day semesters, and as such, are full credits.

The courses available are Elements of EDP, Computer Concepts, Assembler I and II, Cobol, PL/1, Systems I and II, and Computer Software.

The division also offers management and career development credit courses leading to certificates in Business Administration, Business Management, Manufacturing Management, Personnel Management, Accounting, Marketing, Retail Merchandising Management, Legal Secretary, Medical Secretary, and Hotel and Restaurant Management. These programs are designed to help those who are currently employed in these various fields to improve their management skills and for those who are planning a career in these areas to develop their skill and knowledge.

Most are \$30 and begin in January.

TECHNICAL DIPLOMA BY NIGHT AT HUMBER

You can now get a college diploma in Electronics by night school at Humber College.

The program is equivalent to daytime studies and offers the student a Technologist diploma — equivalent to a two-year day program, or Technician diploma — equivalent to a three-year day program. Full credit is given for related industrial experience and students may begin the course at any level.

Although only Electronics diplomas are offered at this time, the College hopes to expand the program into other areas.

Over 20 courses are available to complete the diploma and each one costs \$40.

This is part of the Metro-wide T.A.P. (Technical Advancement Program) which also leads to OACETT certification.

Humber also offers a series of credit courses through their Winter 1973 Continuing Education Program which include Architectural Drafting, Manufacturing Analysis, Stationary Engineering, and Product Design.

There are also individual learning programs available in technical and commercial areas where students can take only what skills they require for a job. Entrance requirements are grade 10. Upgrading courses are offered for students to achieve grade 10.

MORE POPULAR MUSIC COURSES AT HUMBER

Humber College will be offering 10 afternoon and evening music courses beginning in January as part of their Winter '73 Continuing Education Program.

The programs cover Psychology of Music and Education, Piano, Percussion, Accordion, Composition and Harmony, Song and Lyric Writing, and several other areas.

There will also be a 14 session course on Thursday mornings studying the development of art and music from the year 1800. It costs \$30 and begins January 18.

In response to popular demand, two levels of Music Vocabulary will be available on Thursday afternoon and evenings beginning January 18. Two levels of group piano will also begin January 15 and the cost is only \$30 per level.

Introductory Accordion Orchestra is a course open to all students of the accordion who have reached grade 3 level or better. The cost is \$20 for this 14 session course offered Thursday evenings.

The public is urged to register early in the Psychology of Music and Education, Percussion Ensemble, Music History Survey, Music Writing Seminar, and Song and Lyric Writing. Limited facilities mean it's "first come, first served."

Ken MacKeracher, Humber's Dean of Continuing Education adds, "With a new 3 year daytime, diploma program in music, our part-time students now have use of a wide range of instruments and facilities for day or evening study."

FLOWER ARRANGING AT HUMBER

Humber College is offering a six-session course in flower arranging as part of their Winter '73 Continuing Education Program.

Equipment, tools, flowers and materials are supplied for four sessions of the \$20 course. During the final two sessions the student will supply containers and dried or permanent flowers to make an arrangement. It is offered Tuesday evenings beginning February 6.

As well, the Ontario Gladiolus Society and Humber College will jointly be sponsoring the Second Annual Ontario Gladiolus Conference on Saturday, March 31. Registration fee is \$3.



Humber is also offering a series of one and two day courses on Landscaping and Tree Maintenance.

The one-day tree maintenance course on February 8 or 15 will study Power-saw Maintenance and Safety, Tree Fertilization, Cabling, and Safety and Savings. Cost is \$6.

Landscape Development for Home and Estate is a one-day emersion course studying landscape design and development with the accent on trade secrets for reducing costs. Planning, supply purchasing, plant selection, planting and construction will also be covered. It will be held on Saturday, March 24 at the North Campus.

A two-day course on Irrigation Design and Theory and a one-day course in Accident Prevention and Trees in the city will also be held.

The College also offers daytime programs in Retail Floriculture and Landscape Technology.

BUSINESS CERTIFICATE COURSES AT HUMBER

Humber College is offering 11 business division certificate programs as part of their Winter '73 Continuing Education Program.

The division offers management and career development credit courses leading to certificates in Business Administration, Business Management, Manufacturing Management, Personnel Management, Accounting, Electronic Data Processing, Marketing, Retail Merchandising Management, Legal Secretary, Medical Secretary, and Hotel Restaurant Management. These programs are designed to help those who are currently employed in these various fields to improve their management skills and for those who are planning a career in these areas to develop their skill and knowledge.

STUDY INSURANCE AT HUMBER

Humber College, in cooperation with The Insurance Institute of Canada, is offering an educational program leading to Associate status (A.I.I.C.) or Fellowship (F.I.I.C.) with the Institute. To qualify for Associateship, students must pass nine examinations in the particular insurance area of their choice — general, agents, casualty, adjusters, property, etc.

An additional seven courses must be completed to qualify for a Fellowship.

The cost is \$30 per course and they begin in January 1973. These are just some of the over 200 part-time courses Humber is offering through their Winter '73 Continuing Education Program. Other credit courses include Marketing Management, Accounting, Salesmanship, and Systems Programming.

HUMBER GOING TO THE HORSE

Humber College will be going to the horses in the evenings beginning this January.

The College will be holding five courses on horses at part of their Winter '73 Continuing Education Program.

"In the last 10 years the increase in the recreational horse industry has been phenomenal, and it will keep on booming," according to horsemanship instructor Adriene Mustard. "More people want to own their own horse but don't know how to look after it," she said. "It's more scientific to keep a horse now".

Horseman's Night Out is a 12-session course covering stable management, dressage, horse training and riding instruction, raising orphan foals and caring for premature foals. It is offered Tuesday evenings beginning January 16 and costs \$30.

Introduction to the Thoroughbred Horse includes the Role of the Thoroughbred, breaking yearlings, anatomy, and conformation. It is offered Thursday evenings from 7 to 10 p.m. starting January 25.

Handicapping Theory is a 6-session course which provides an opportunity to discuss the art of handicapping. Cost is \$20.

Equine Health Forum is a 3-session course which provides insight into the management of ailments, disease and related matters. Cost is \$10.

Practical Grooming and Horse care is offered Saturday mornings. This 10-session course is designed for the person who wishes to learn the proper grooming techniques and proper stable care of the horse. It begins January 20 and costs \$30.

A two-year daytime program in horsemanship is also available.

ATHLETIC COURSES AT HUMBER

Humber College is offering a series of athletic courses beginning in January as part of their Winter '73 Continuing Education Program.

A 10-session course for men on keeping fit is featured. Through the use of modern weight training equipment and conditioning exercises, participants will develop on an individual basis, and various team and individual sports will be added to round out this \$20 fitness program. It begins January 15.

Introductory and Intermediate Tennis courses are offered in February and March. Cost is just \$25 per level.

If your athletic friends get out of line you may want to fall back on Humber's Judo and Karate courses. Black Belt instructors will teach the 20-session Judo course beginning January 16. The ancient martial art of

Karate is also available to students. The 10-session course begins January 17, and March 28 in the athletic bubble of Humber's North Campus.

Scuba Diving is also available at the South Campus on Monday evenings beginning January 15. The 7-session course is \$60.

Two Curling courses will be offered plus a series of outdoor adventure training courses.

Humber's Continuing Education Division also offers courses in horsemanship, dogs, fashion, landscaping, business management, computer studies, secretarial skills, creative arts, music, photography, literature and foreign languages, politics, technical studies and many, many more special interest areas. Ken MacKeracher, Humber's Dean of Continuing Education, adds "We've added new courses and extra sessions to keep up with the special interests of the more than 20,000 part-time students at Humber College. This Winter we're offering courses seven days a week, both day and evening, for part-time students."

EARLY CHILDHOOD EDUCATION CONFERENCE

Humber College, in conjunction with the Ontario Teachers' Federation will be holding the annual Early Childhood Education Conference on January 20.

"The conference is held in a different city each year to reach all areas of the province," according to David Lockwood, chairman of the conference this year, and co-ordinator of the Early Childhood Education program at Humber College.

"Both the Federation and Humber are involved in planning and staffing it." Using the theme "The Early Childhood Environment," a diversified six member panel will provide an informative seminar on all areas of the topic. Panel members are: Miss Patricia Detenbec, Ministry of Colleges & Universities; Mrs. Laura Ford, Etobicoke Board of Education; Mr. Fintan Kavanagh, Institute on Mental Retardation; Mrs. Marguerite Keele, Lakeshore Teachers' College; Dr. Kathryn Kopf, Family Studies, Guelph University; Prof. John Livingston, Environmental Studies, York University. Keynote speaker will be Barbara Chisholm. Social worker Chisholm ran the Victoria Daycare Centre for children from low income families. Her seminar will focus on the role of parents and children.

Over 300 are expected to attend the conference, held at the College on Highway 27 in Rexdale. The York and Simcoe areas will be heavily represented, says Lockwood.

As well as major displays of books, educational toys and records, 20 workshops will be available from

which delegates may choose three to attend. Workshops offered are: Montessori School Methods, Toronto Waldorf School Methods (Steiner School), Nursery Schools In The High Schools, Environmental Education, Adventure Parks, Swedish Preschools, Kindergartens In York County, Humber College Nursery School, Arts And Crafts Children Can do At Home, Sex Role Stereotyping, Drama For Young Children, Parent Communication Skills And Problem Solving, Art In The Early Years, English Primary Schools, TV Programs For The Early Age Group, Parents And Schools, A Principal's View, Co-ops And Parent Participation, Family Day Care Education Training, The Retarded, Emotionally Disturbed Child, The Learning Environment For Infants.

Registration closes January 12. Cost is \$5 (students \$2) to cover lunch, coffee, etc.

HUMBER ANNOUNCES NEW CENTRE FOR ENVIRONMENTAL STUDIES

Humber College has established a Centre for Environmental Studies, an innovation in the Ontario community college system, incorporating total environment with education.

In making the announcement, College President Gordon Wragg said, "The relationship of man and his environment has reached a critical stage of development. Within 10 years the continent's needs for specialists in environmental disciplines will double."

Responsible for organizing and developing the Centre is Jim Speight, Special Assistant to Academic Vice-President James Davison, who will be assisted by an Operations Committee of college faculty members representing all academic divisions.

"Our philosophy recognizes that the educational process will be a major factor in handling present and future environmental situations," noted Mr. Speight. The Centre will act as a coordinating body to make the resources of the College available to government, industry and the public in discussing, understanding and helping to solve environmental issues.

"Humber College, of course, must emphasize educational and vocational goals in its environmental endeavours," added Mr. Speight. "Therefore, in addition to offering a service to the community, the Centre has to be completely conscious of the development of relevant courses, seminars and vocational programs."

The overall theme of the Centre is "Environmental Understanding Through Education."

Applied Arts Division Programs



DEAN'S MESSAGE

Fred Manson

It is encouraging for students in Applied Arts programs to know that job placement for our 1972 graduates was far better than anyone had any right to expect in the unsettled current economic environment:

Ninety percent of the 200 Applied Arts graduates were either employed or involved in further education and travel, according to research in our Career Planning and Placement office.

We definitely have an orientation-to-employment.

Thanks to alert program advisory committees and professionally competent faculty, our courses are equipping the students with the attitudes, knowledge and skills to succeed in diverse sectors of the economy.

The great majority of our graduates, indeed, many of our undergraduates, are in demand by employers across Ontario. The Humber graduate is becoming recognized as a skilled, creative and resourceful member of a company, agency or any institutional team.

Unique features of our curriculum design ensure students varied opportunities to test and improve their skills: field work and placement, inter-disciplinary studies, relevant practical on-campus lab experiences, and supportive courses in general education.



You are invited to explore the many part-time and full-time learning opportunities existing in the Applied Arts Division with our faculty and students. The "community as our campus" is the focus of our educational endeavours.

PRACTICAL EXPERIENCE A KEY PART OF EVERY PROGRAM

In the Applied Arts Division, a significant part of each program is devoted to field work experience in practical applications of each person's studies. This practical experience serves to broaden the basic foundation of theory and classroom instruction.

The scope for practical experience through field placement continues to broaden, offering a wide variety of career experiences before graduation.

Students in Social Services, Community Studies and Human Relations are assigned to a variety of agencies, institutions, and industrial organizations offering experience in their particular fields. Early Childhood Education placements include Nursery schools, facets of the elementary school system, and Day Care centres, while Child Care students gain extensive experience in treatment centres such as Thistletown Regional Centre. In the Special Care Counsellor program, students gain experience in Ontario hospitals as well as in Community facilities for the retarded and Homes for Special Care. Those involved in the Family and Consumer Studies program now have the option of training in area schools offering Consumer Education Classes and in Community agencies related to family problems as well as the traditional industrial and institutional settings. Travel and Tourism students are assigned to travel agencies, among other travel oriented outlets, and Fashion Careers students spend considerable time in the commercial outlets within the industry. The Landscape Technician/Technology program involves intensive work within the industry during the summers, and through ongoing assignments with municipal Parks Departments and in individual field projects.

Many of the Division's programs now receive part of their field practice experience right on campus. The college's Athletics and Recreation Department involves a number of Recreation Leadership students, Humber includes students from the Social Services, Community Studies and Human Relations programs. Early Childhood Education students will be involved in the newly completed Day Care Centre at the North Campus, while Special Care and Child Care undergraduates will be involved in the Peel-Humber Centre for the Developmentally Handicapped.

NEW EQUINE CENTRE

Perhaps one of the most exciting new developments is the scheduled completion of the Equine Centre. Completely self-contained, it will be comprised of an indoor arena located directly behind Humber's North Campus buildings, and riding rings, paddocks and riding trails in the area towards the river. In addition to providing Horsemanship students with much of their practical training, the Centre will also supply recreational facilities for the general public.

An official opening and open house for the new Equine Centre is planned for April, 1973.

Field placement is an integral part of all Applied Arts programs. Without it, the college could not continue to provide the quality of training necessary to prepare competent practitioners of such a wide variety of careers.



APPLIED ARTS DIVISION PROGRAMS

Program	Semesters
Community Studies	6
Family and Consumer Studies	6
Fashion Careers	6
Landscape Technician/Technology	4/6
Travel & Tourism	6
Child Care Worker	4
Early Childhood Education	4
Horsemanship	4
Law Enforcement	4
Recreation Leadership	4
Retail Floriculture	4
Social Services	4
Special Care Counsellor	4
Fashion Careers — Modelling Option	2

COMMUNITY STUDIES (6 Semesters)

This program is multi-disciplinary in format and is designed to provide you with an extensive knowledge of social science literature, skills in the various techniques of investigation, and field work in current perspectives in urban studies; historical urbanization, sociological concepts, political processes within the community, economic structures in the community, urban planning, community organization and public administration.

FAMILY AND CONSUMER STUDIES (6 Semesters)

Humber's Family and Consumer Studies program offers a broad program in consumer economics and management as it relates to the individual and the family in terms of food, clothing and household goods. Specialized study areas include — Family and Community Services; Food and Consumer Research; Food and Appliance Promotion and Special Food Services for Day Care and Hospitals.

FASHION CAREERS (6 Semesters)

You begin with a foundation year of studies on the skills and techniques of a fashion career. The second and third years provide increased concentration on the skills and knowledge required in Fashion Merchandising, Fashion Promotion or Apparel Design. As a graduate of this program you will have the skills and knowledge necessary to assist you in entering a career in the manufacturing, merchandising or promotion of fashion.

LANDSCAPE TECHNICIAN/TECHNOLOGY (4/6 Semesters)

This program is designed to provide you with a thorough knowledge of landscape development, site, engineering, cost estimation, design layouts, general horticulture and related technology. On completion of the first year, you will choose either the Landscape Option or the Arboriculture Option. The third year of the program provides training in construction practices, landscape presentation, estimation and business management, and prepares you for responsibilities beyond the Technician level.

TRAVEL AND TOURISM (6 Semesters)

The Travel and Tourism program is designed to prepare you for a career in the varied areas of the travel industry. Studies include operations of travel, tourism, hotels, cruising, railways, bus charters and related industries.

CHILD CARE WORKER (4 Semesters)

A challenging program to prepare personnel for the day-to-day care and treatment of disturbed children. The first year of study focuses on providing you with field experience with the normal child, while the second year develops your knowledge of the abnormal. The third year increases specialization and links together the interrelated concepts and contributions from various therapy areas.

EARLY CHILDHOOD EDUCATION (4 Semesters)

Designed to provide you with the knowledge and skills necessary for work with pre-school children. You may complete a year of practical training at a recognized pre-school nursery and qualify for certi-

fication by the Association for Early Childhood Education.

HORSEMANSHIP (4 Semesters)

For the first time in Canada it is possible to participate in a full Horsemanship program in a college setting. Your basic training will take place in Humber's new Equine Centre, a facility which includes a thirty-five horse stable, an olympic sized (200' x 80') indoor arena and modern classrooms. You will participate in all aspects of running the centre, including daily care of the horses, selection of new animals, record keeping, and purchasing of feed and equipment.

LAW ENFORCEMENT (4 Semesters)

The Law Enforcement program is designed to complement, not duplicate, the curriculum of the Ontario Police College which is a prerequisite for employment with a police department in Ontario. The course of study places heavy emphasis on the social sciences, especially Sociology, which will provide you with the conceptual tools necessary for a fuller understanding of society and your role as a law enforcement officer.

RECREATION LEADERSHIP (4 Semesters)

The Recreation Leadership course is designed to give you an understanding of human behaviour and the varied skills required to plan and supervise meaningful programs of recreation for groups of all ages. Your course of study will combine basic academic subjects, professional courses, skill laboratories and field work into a significant learning experience.

RETAIL FLORICULTURE (4 Semesters)

In the Retail Floriculture program you will be involved primarily in studying the practice of floral arranging, including design, storage methods, special arrangement techniques, construction of a wide range of floral products, preparation and colour co-ordination. As well, you will study traditional and contemporary floral designs.

SOCIAL SERVICES (4 Semesters)

A basic 2 year program to develop skills for a career with social service agencies. Your studies will include training for work at drop-in centres, federal government agencies, provincial social services, municipal welfare offices, church social services, hospital social services, Children's Aid Societies and community organizations assisting immigrants, handicapped, youth and senior citizens.

SPECIAL CARE COUNSELLOR (4 Semesters)

Concern for the mentally retarded has increased in significance as the public has become aware that custodial care is no longer adequate for mentally retarded children and adults. Your studies may concentrate on Residential Counselling, Rehabilitation Workshops or Home for Special Care. This most rewarding program provides thorough training in Human Growth and Development, Sociology, Psychology, Diagnosis, Child Guidance and related studies.

FASHION CAREERS — MODELLING OPTION (2 Semesters)

The Fashion Careers — Modelling program provides you with a thorough training in both self-improvement and techniques and skills required for various types of modelling. Through practical work in make-up, carriage and poise, basic movements for photography and runway training, you will gain a comprehensive picture of the responsibilities of a professional model.

Business Division Programs



DEAN'S MESSAGE Eric O. Munding

The Business Division has grown in stature and enrollment since its inception. I believe this growth will continue as employers learn our graduates are knowledgeable in contemporary business practices and can adjust quickly to a job.

Much of the success of the Business Division programs has been due to the Division's policy of program flexibility. This has allowed us to adapt readily to the shifting needs of both students and industry. It is well known that change is a fundamental condition of the modern business world. For this reason we follow the practice of exposing each business student to a rather broad range of activities and experiences they can expect when they enter the world of work.

Many students upon graduation from secondary school desire the benefits of a business education at the College level, but have not yet decided what specific program to follow. By offering a general group of first year courses, the student, once he has decided where his interests lie, can then transfer, within the Division, to a specific program. Thus the student is able to make a more informed career decision.

To further the concept of continuous learning, most of our regular credit daytime courses are repeated during the evenings. This allows many people who are not available during the day to continue to learn and eventually graduate. Being open from 9:00 a.m. to 10:00 p.m., Monday to Friday, students have a wide choice in the time and number of courses they can take each semester.

Many students have found that there is nothing sacred about graduating in the usual two years and so take three or four years to graduate, while holding down a full-time job. In the end, these students have the benefits of both business experience and a College diploma.

Our experience over the years has shown that students who graduate from our programs are eagerly sought by business firms. Every year, more and more companies request the opportunity to conduct on-campus interviews and post job opportunities. From our placement statistics it is evident that the starting salaries for Business Division graduates are extremely competitive and well justify the time spent at Humber.





BUSINESS DIVISION PROGRAMS

Program	Semesters
Business Administration	6
General Business	4
General Business — General Insurance Administration Profile	4
General Business — Life Insurance Profile	4
Marketing	4
Merchandising Management Profile (Marketing)	4
Retail Supermarket Management Profile (Marketing)	4
Wholesale and Distribution Administration Profile (Marketing)	4
Accountancy	4
Data Processing	4
Executive Secretary	4
Hotel and Restaurant Administration	4
Legal Secretary	4
Medical Secretary	4
Computer Programmer	3
Computer Operator	2
Secretarial Certificate	2

BUSINESS ADMINISTRATION (6 Semesters)

The Business Administration Program at Humber College provides you with a thorough background in all aspects of management training. As a graduate you should be able to fill the role of a management trainee in any type of business. As a management trainee you may be chosen to train for management responsibilities in a wide variety of businesses. These range from retailing positions with depart-

ment stores to accounting positions with manufacturing industries and career objectives such as Personnel Administration, Purchasing Administration, Insurance, Institutional Management, Marketing, Accounting and Electronic Data Processing.

GENERAL BUSINESS (4 Semesters)

Many students who desire the benefits of a college education are not in a position to determine their career objectives prior to entering college. By enrolling in this program you can delay your choice of special courses until you have been exposed to the various disciplines of Accountancy, Data Processing, Marketing, Secretarial and Business Administration programs. You may then transfer at the end of the first semester to the specialized discipline of your choice or remain in the General Business Program choosing only those courses that meet your specific interests and career goals.

GENERAL BUSINESS — GENERAL INSURANCE ADMINISTRATION PROFILE (4 Semesters)

Developed in co-operation with the general insurance industry, the program of study includes such areas as business philosophy and techniques, marketing and the various aspects of general insurance.

GENERAL BUSINESS — LIFE INSURANCE PROFILE (4 Semesters)

A broad program of specialized studies in personnel administration, applied electronic data processing, salesmanship, administrative accounting, employee benefits, life insurance principles, insurance accounting, legal aspects of life insurance, agency operations, office administration and investment practices.

ACCOUNTANCY (4 Semesters)

In addition to accounting procedures, the program offers training in data processing, marketing, tax and corporate law and theories of management and organizational development.

Within three years of graduation it is possible for you to become a C.G.A. or an R.I.A. as both the Association of Certified General Accountants and the Society of Industrial Accountants will allow credits from this program toward their professional designations.

MARKETING (4 Semesters)

Emphasis is on the analysis of new product decisions, pricing, distribution and promotional strategies. Along with the general marketing program we have indicated career objective outlines for students wishing to enter into the fields of Wholesale Administration, Merchandising Management and Retail Supermarket Management.

DATA PROCESSING (4 Semesters)

This program is designed to make available to you not only technical expertise in Information Processing but also the necessary business skills. Your studies include programming, operations and systems analysis, and methods and procedures as applied in many areas of industry government and education.

EXECUTIVE SECRETARY (4 Semesters)

This program is designed to contribute to the training and essential personal qualities necessary to attain the goal of a professional secretary.

HOTEL & RESTAURANT ADMINISTRATION (4 Semesters)

In this program you will receive a balanced training combining theory and practical experience so that you will be well prepared for your management career. Your studies will cover accounting, purchasing, economics and business management of hotel and restaurant facilities, along with food management and hotel management.

SECRETARIAL CERTIFICATE (2 Semesters)

This one year course is designed to provide students with an initial study of secretarial skills. It includes office procedures, accounting, language power and the operation of office equipment.

COMPUTER OPERATOR (2 Semesters)

Basic skills of computer operation, systems analysis, accounting, computer concepts, and languages are studied as the key to a career in the operations or production computer environment.

COMPUTER PROGRAMMER (52 weeks)

Computer Programming involves one year of concentrated studies in several computer languages, systems analysis, mathematics, accounting, and business management.

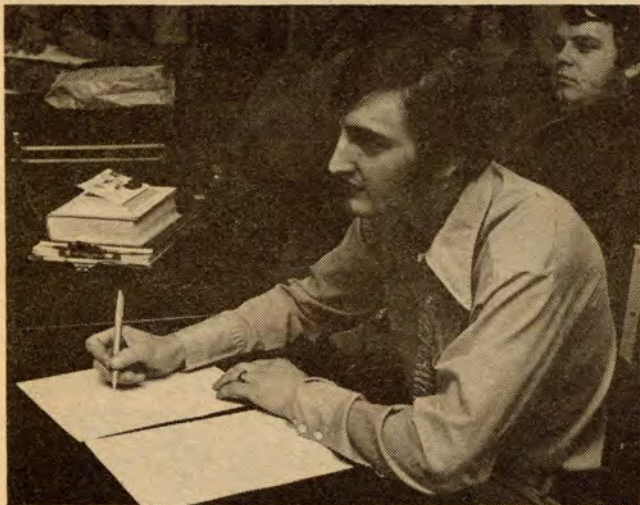
Computer languages include Fortran, PL/1, COBOL, Assembler, RPG with hands-on experience on an IBM 370/135.

MEDICAL SECRETARY (4 Semesters)

Specialized skills required by secretaries to doctors and hospital managers are the basis of this program. Terminology for medical correspondence, reports and records will be emphasized.

LEGAL SECRETARY (4 Semesters)

In addition to your secretarial training, your legal studies will include accounting, theories of management, legal shorthand, principles and interpretations of law, and a selection of elective courses to prepare for a rewarding secretarial career.



Creative and Human Studies Division Programs



DEAN'S MESSAGE

Jack Ross

Creative and Human Studies offer you opportunities to find out more about yourself, your society and your world.

This inter-disciplinary division offers courses in English Literature, the Humanities, the Social Sciences, Communication Arts and the Creative and Performing Arts.

The vocationally-oriented programs, together with those individual courses which are designed to offer you much that is necessary to achieve an understanding of your world and your place in it, are further augmented by many opportunities for creative expression that reflect your developing view of culture and society.



CREATIVE AND HUMAN STUDIES DIVISION PROGRAMS

Program	Semesters
General Arts and Science	4/6
General Arts and Science — Human Relations	6
Communication Arts	6
Journalism	6
Music	6
Public Relations	6
Radio Broadcasting	6
Advertising and Graphic Design	4
Creative Cinematography	4
Creative Photography	4
Fine Arts	4
Furniture and Accessories	4
Interior Design	4
Painting	4





GENERAL ARTS AND SCIENCE (4/6 Semesters)

This program emphasizes experience based learning in the social sciences and humanities for a variety of career objectives.

You may select from a variety of courses including learning resources, community studies, systems of education, human relations development and English. A wide variety of elective courses ranging from industrial psychology, Canadian politics and media as language to urban anthropology, sociology and foreign languages.

GENERAL ARTS AND SCIENCE — HUMAN RELATIONS (6 Semesters)

In the Human Relations program you will be encouraged to develop your leadership skills; your ability to communicate effectively; to develop an understanding of how these various skills may be applied in organizations of various types and structures.

COMMUNICATION ARTS (6 Semesters)

Communication Arts will provide those interested in the field of entertainment and communication with the kind of background required, not only to enter the field, but also to move within it in search of further knowledge and experience — through practical work in the media of stage, television, radio and media and their relations to society.

JOURNALISM (6 Semesters)

This program places emphasis on writing and communications to the print and broadcast media. This combines the specialized Journalism skills of reporting, writing, editing, photography, layout and design, and production; with considerable concentration in the areas of politics, sociology, economics and psychology of mass audience.

MUSIC (6 Semesters)

Many career opportunities await the competent and knowledgeable musician: performing, teaching, arranging, composing and working in professional areas allied with music.

The range of courses encompassed by your curriculum will be governed to some extent by the degree of knowledge and skill you already possess — your prior training and experience. Areas of study include musical vocabulary (theory, harmony, orchestration, etc.), ensemble performance, solo performance, history of music, song and lyric writing, electronics, acoustics, radio and T.V.

PUBLIC RELATIONS (6 Semesters)

The competent public relations practitioner is both advisor and communicator, counselling their employer or client on how best to perform to incur public favor, and informing the public of such performances.

You will progress through a blend of practical and academic studies with increasing emphasis on the practical. As far as possible you will be involved in real-life projects and PR problems and will complete your program as interns in the offices of a carefully selected group of top PR practitioners.

RADIO BROADCASTING (6 Semesters)

Radio broadcasting is a vital, expanding industry offering excellent and exciting career opportunities to those who possess the necessary talents, abilities and personality.

These positions include announcer, DJ, newscaster, continuity writer, music librarian, producers, traffic personnel, sportscaster, radio sales and sales management.

ADVERTISING AND GRAPHIC DESIGN (4 Semesters)

You are given working, studio-related experience in advertising design, illustration, packaging, graphics, cartooning, typography, layout, art and assembly for production, graphic arts technology (e.g., reproduction and printing methods) and T.V. graphics (including video tape recording).

With this background of training, you may find career opportunities as a junior artist in graphic design studios, advertising agencies, television studios, magazines and book publishing companies, newspapers, direct mail, point-of-purchase and packaging organizations.

CREATIVE CINEMATOGRAPHY (4 Semesters)

This program prepares you for a career as a cinematographer through the study of the technical and creative elements of film media and equipment. Major areas such as camera work, the creative use of lighting, direction and script writing will be supported by related studies in still photography and darkroom practices, set design and workshop technology, music, film and sound construction and editing, and the technology of studio equipment.

CREATIVE PHOTOGRAPHY (4 Semesters)

In Humber's Creative Photography Program you will learn to see artistically through the framework of Fine Arts studies; and an in-depth knowledge of the medium through intensive study of photographic technology.

You will study creative photography theory and history, art, design, studio and darkroom techniques, among other courses in this comprehensive program.

FINE ARTS (4 Semesters)

Many creative individuals wish to fully explore the fields of both Fine and Visual Arts before choosing a career. Others seek an education in the broad spectrums of these fields. Still others wish to develop skills in vocational areas for which no formal programs have been designed.

The Fine Arts (General) Program provides the vehicle by which the objectives of each group may be met.

You may choose specific courses for each of these areas of interest and develop your personal objectives on an individual basis.

INTERIOR DESIGN (4 Semesters)

Creativity, imagination, drawing skills, interest in the human environment — put these all together and you have the basic qualifications for training as an Interior Designer.

The program stresses environmental aspects, analysis, development and application of planning and design concepts. And it provides the basic technological knowledge required to carry projects through to completion.

PAINTING (4 Semesters) (Optional fifth and sixth semesters of Graduate Studies)

Humber's two and three year Painting Program is designed to tap the potential of the "silent poet" and to develop your skills. It exposes you to the basic techniques in painting — principally studio painting. It allows you to develop in the medium or media most closely related to your ideas and modes of expression.

Although painting, at this point in time in our society, is frequently not seen as a vocation, Humber's Painting program carries you down vocationally oriented avenues, by introducing you to the basics of illustration, mural design, silk-screen printing, painting, lithography, printmaking and stained glass.

FURNITURE AND ACCESSORIES (4 Semesters) (Optional fifth and sixth semesters of Graduate Studies)

Working with wood, metal, plastics and fabrics, you are involved in the design and construction of prototypes of furniture and related products for mass production or custom installation.

This program provides you with specific skills and an appreciation of the design concepts essential to success in this industry.

The broad program of studies includes in-depth courses in photography, studio management, perspective rendering, experimental materials, systems design, and an introduction to aesthetics through a study of the history of arts and furniture.

During your studies, your projects will have been exposing you to manufacturing, wholesale, retail, trade, human and office requirements — an integral part of the designer's problem solving approach. Emphasis is upon practical resolution of design concepts.

Health Sciences Division Programs



DEAN'S MESSAGE

Lucille C. Peszat

Health care delivery and allied health education are changing in Ontario. Prevention of illness and maintenance of health are receiving greater emphasis as we move toward a community health orientation to care.

All current and potential allied health workers must therefore be conscious of this distinct focus on health and community involvement as part of their roles in health care delivery. Our new and projected programs in the Health Science Division reflect this expanded philosophy of health care and through our common health core curriculum, opportunity is provided for all allied health students to take common courses together and to consider common health problems and related health teaching by participating in interdisciplinary seminar groups. By learning together and working together, our students are able to gain insight and understanding of each other's complementary roles and as a result upon graduation, they will be able to more effectively extend this experience to interdisciplinary involvement in health care teams within their respective hospital or community health care settings. In addition, more opportunities for career mobility in the health field are now available to our students.

Four new programs are being offered for the first time in the Division and include Programs for Emergency and Casualty Attendants, Nursing Assistants, Health Care Aides and a post graduate program for Registered Nursing Assistants in Operating Room Care. All of these programs include practical experience as well as theory components. Common nursing subjects for Nursing Assistants and Nursing students now open the door to greater career mobility and continuing education for the Registered Nursing Assistant leading to Registration in Nurs-



ing. Challenge examinations are also being introduced for Registered Nursing Assistants, Medical Assistants and Orderlies, which will give them credit for studies previously taken.

Such proficiency testing is also being developed in several of our other health programs to allow credit for previous experience and informal as well as formal learning in the health field.

The Division has been instrumental in mounting the first part-time evening program in clinical nursing for Registered Nurses, in introducing several innovations in allied health education and is now planning a variety of new continuing education and credit courses for all workers in the health field on a part-time basis. Several new allied health programs and short courses are being planned. Do contact us for more information regarding our allied health programs and courses.

HEALTH SCIENCES DIVISION PROGRAMS

Program	Semesters
Nursing	4
Emergency and Casualty Attendant	2
Funeral Service Education	2
Pharmacy Assistant	2
Registered Nursing Assistant	2
Registered Nursing Assistant (Operating Room)	1
Health Care Aide	20 weeks
Maternal-Infant Nursing	20 weeks

NURSING (4 Semesters and 2 Summer Sessions)

The Nursing Diploma Program offers a variety of courses in the humanities, physical and social sciences which provide the basis for personal development as well as the acquisition of nursing skills.

The program has been carefully planned to include teaching in Maternity Nursing, Paediatric Nursing, Psychiatric Nursing, and Medical-Surgical Nursing of adults.

Clinical practice is provided in a number of community health agencies, including a rehabilitation hospital, industrial health units and public health agencies. Selected situations are provided in the hospital, nursery schools and community to increase your comprehension.

After completing two years of study you will be eligible to write the Registered Nurses' Examinations of Ontario, and will be prepared to offer health care



within hospitals and the community. The opportunities for future employment include nursing in acute and chronic hospitals, health clinics, homes for the elderly, industries, doctors' offices and the community.

**EMERGENCY AND CASUALTY ATTENDANT
(2 Semesters)**

The program consists of basic courses in hospital and emergency patient care and supporting courses in the physical and social sciences. Clinical practice is provided in selected hospital and community situations and an in-residence module of theory and practice in ambulance service will be offered at Base Borden under the auspices of the Emergency Health Services Branch. The program will provide opportunity for the students to develop knowledge, skill and competency in providing basic and emergency care to the sick and injured, in reducing medical hazards to patients, in transporting the injured and ill and in serving as technical assistants in ambulance services, in hospital emergency and receiving departments and in emergency situations within the community.

As graduates, Emergency and Casualty Attendants may be employed in community and private ambulance services, in municipal or volunteer ambulance services, and in hospital-based ambulance services. In addition, the graduate will be able to function as a hospital attendant assisting with basic care of patients in hospitals in Ontario.

FUNERAL SERVICE EDUCATION (2 Semesters, plus an additional 15 months apprenticeship)

Ontario Secondary School Graduation Diploma Students apply directly to Humber College and will be required to register as Funeral Service Apprentices with the Board of Administration for the Funeral Directors Act.

The Funeral Service Program will enter into every aspect in both practical and theoretical knowledge of the practice of funeral service. As a part of the Health Sciences Division, it will stress the therapeutic aspect of funeral service for the living. Behavioural science courses are being designed to help the graduate meet the needs of those who are to be served in funeral service.

A business management course will be included so that you will have a better understanding of the problems that are inherent in the operation of any business. Practical experience will be provided in the Humber College facilities and in co-operating funeral homes. Opportunities for employment exist in funeral homes in almost all of Ontario.

PHARMACY ASSISTANT (2 Semesters)

This course will familiarize you with all aspects of the practice of Pharmacy and your relationship to professional staff and other paramedical personnel. Guest speakers representing the Ontario College of Pharmacy, the various pharmaceutical organizations, Food and Drug Directorate, Ontario Hospital Services Commission, hospital pharmacy directors, community pharmacists and industrial pharmacists will be invited to participate. You will be introduced to codes of ethics, standards of professional practice, advertising and Pharmaceutical legislation. You will spend part of the time allotted to field trips in gaining on-the-job experience studying the methods of inventory control; on the other occasions, trips to various types of pharmaceutical manufacturing organizations, hospitals, and retail pharmacies will be conducted. During a work awareness week, you will gain practical experience in a hospital pharmacy.



**REGISTERED NURSING ASSISTANT
(2 Semesters plus 4 weeks of full-time
Clinical Practice mid-May to mid-June)**

The new program will offer courses in the physical and social sciences which provide the basis for personal development as well as the acquisition of basic nursing skills. The central theme of the initial nursing course "the primary needs of man" emerges from the belief that nursing is essentially assisting individuals to meet their needs.

Clinical practice will be provided in a number of community health agencies including general hospitals.

After completing one year of study, students will be eligible to write the Registered Nursing Assistant Examinations of Ontario, and will be prepared to offer basic nursing care within hospitals, acute and chronic nursing homes and other community agencies.

**REGISTERED NURSING ASSISTANT
(Operating Room Program) (1 Semester)**

This program, which is a post-diploma program for registered nursing assistants, has been requested by the Ontario Hospital Association and is based upon program guidelines prepared by the special O.H.A. Task Force for the preparation of Operating Room Technicians. The program has arisen out of the need for standardized educational preparation for the auxiliary member of the Operation Room nursing staff.

Graduates of the program may be employed in hospital Operating Rooms and in special surgical and outpatient clinics throughout Ontario. Upon graduation, they will function as members of the Operating Room Team and will assist with patient care, with preparation of supplies and equipment for surgery, with surgical procedures and with other related services.

HEALTH CARE AIDE (20 Weeks)

The trained Health Care Aide is a member of the modern medical services team. The ever-increasing life span, the increasing awareness of the community's obligations toward the handicapped, and the aged, is creating new types of paramedical services requiring trained people, but not necessarily professional medical practitioners or nurses. This is where the Health Care Aide fits in. The course will provide you with suitable education and training which will assist you in gaining employment that is both satisfying to yourself and a benefit to society.

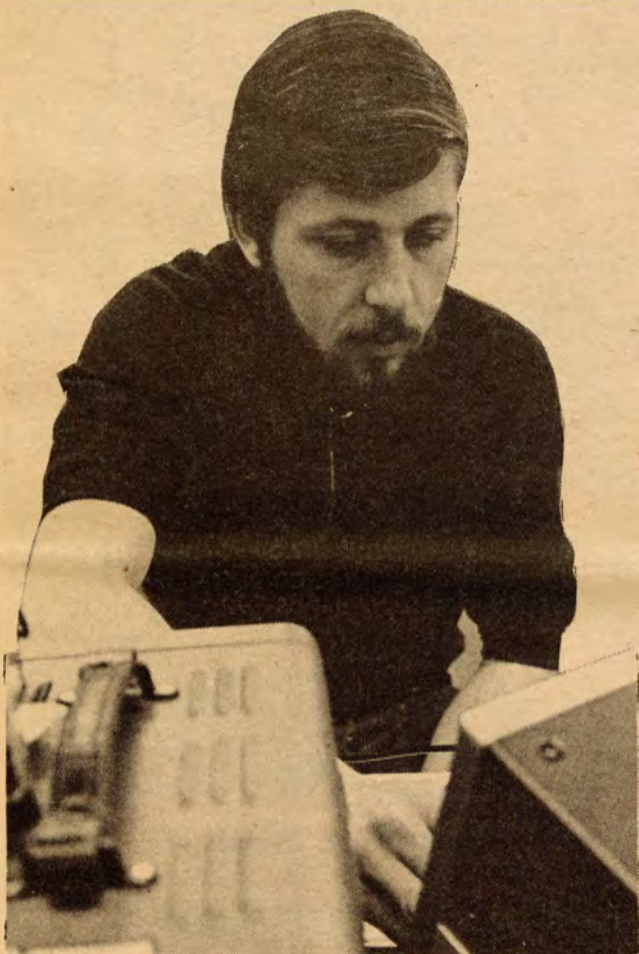
The program is designed to provide the training required to equip the graduate to obtain employment in hospitals for the chronically ill, nursing homes and other institutions throughout the province.

**MATERNAL-INFANT NURSING PROGRAM
(20 Weeks)**

The Humber College's Post-Diploma Program in Maternal-Infant Nursing is designed for registered nurses who wish to increase clinical competency in, and understanding of the nursing care required to help mothers during pregnancy, and to assist mothers, fathers and infants in hospital and community settings. This program which is presented on a part-time basis to assist nurses who wish to continue their employment while taking this program of studies is endorsed by the Registered Nurses' Association of Ontario, the Ontario Hospital Association and the Ontario Medical Association.

Clinical practice is provided under the guidance of a Humber College teacher in a number of hospitals within reasonable proximity to Humber College. Hospital practice will be provided in the labour and delivery unit, premature nursery, newborn nursery, antepartum and post partum units. Community experience will also be included.

Technology Division Programs



DEAN'S MESSAGE Robert D. Higgins

If you are reading this you probably have more than a casual interest in Technology. To further stimulate this interest we sincerely hope you will spend some time reading the next few pages, look at the variety of Technical courses offered by the Technology Division. After reading these pages you may still have some unanswered questions. To get these answers may we invite you to come to the college and to meet us and look around.

We are now entering the second five years of our operation. We have shown a steady growth pattern from fewer than a hundred students in the first year to over 750 Technology students enrolled this year, a fantastic growth rate compared to Technology Divisions in other institutions. Perhaps you would benefit by coming down and sitting in on some of these classes, talking to our students, and finding out why they have come to Humber College, and why they are happy here.

We feel we offer many benefits: good programs, good equipment, but above all a staff that has earned the respect and confidence of our students since they are concerned with their welfare, both collectively and as individuals. They believe in building up a student and assisting him with both social and academic problems.

The best way to find out about Humber is to come and see for yourself. Sit in with our students and their feelings. Call us, write us, phone us, and we will be glad to make arrangements for you.



TECHNOLOGY DIVISION PROGRAMS

Program	Semesters
Architectural Technology (Thruway)	6
Chemical Technology with Bio-Science Electives	6
Chemical Technology — Chemical Engineering Option	6
Chemical Technology — Industrial Chemistry Option	6
Civil Technology	6
Electromechanical Technology (Automation and Controls)	6
Electronics Technology	6
Industrial Management Technology	6
Industrial Safety Technology	6
Survey Technology	6
Technical Sales Representative	6
Architectural Technician (Design)	4
Civil Technician	4
Electrical Control Technician	4
Electronics Technician (Co-operative)	4
Instructional Material Centre Technician (Co-operative) (Audio-visual Technician)	4
Laboratory Technician	4
Manufacturing Engineering Technician	6
Mechanical Technician Design (Drafting)	4
Mechanical Technician — Electromechanical (Automation and Controls)	4
Mechanical Technician — Numerical Control (Tape Controlled Machinery)	4
Medical Equipment Maintenance Technician	4
Quality Control Technician	4
Refrigeration and Air Conditioning (Sales) Technician	4
Survey Technician	4
Tool and Die Design Technician	4

ARCHITECTURAL TECHNICIAN — DESIGN (4 Semesters)

The Architectural Technician - Design Program will lead you into the field as an architectural draftsman. Your position under a professional architect will be to take ideas and basic concepts and transfer them to the drafting stage.

As a graduate of the Architectural Technician — Design Program you will be employed in such fields as: an expeditor, draftsman, government inspector or industrial sales representative.

ARCHITECTURAL TECHNOLOGY (Thruway) (6 Semesters)

The first four semesters of this Architectural Technology Program are identical to those of the Architectural Technician — Design Program. A student may apply to continue with a fifth and sixth semester and graduate as an Architectural Technologist.

As an Architectural Technologist, career opportunities will cover such fields as job captain, senior draftsman, co-ordinator, estimator, or a variety of related positions in the construction industry.

CHEMICAL TECHNOLOGY WITH BIO-SCIENCE ELECTIVES (6 Semesters)

The fundamental theories and techniques which are applied in Health, Food, Pharmaceutical and Chemical laboratories are the basis of study.



Careers in Research and Testing Laboratories are anticipated with excellent opportunities for both male and female employees.

Your studies include Bio-Science Techniques, Microbiology, Microphotography, Industrial Microbiology, Biochemistry, General, Organic and Analytical Chemistry.

CHEMICAL TECHNOLOGY – CHEMICAL ENGINEERING OPTION (6 Semesters)

Identical to the Chemical Technology (Industrial Option) for the first four semesters, courses of specific chemical engineering orientation are offered in the fifth and sixth semesters.

Graduates of this program may find employment in processing and manufacturing plants or laboratories of petroleum, mining, plastics, rubber, paint, glass, food and metallurgical companies. Positions are available in research, testing, plant operation, supervision, technical sales and service.

Some of your studies will cover Maths, Physics, General and Analytical Chemistry, Organic and Industrial Organic Chemistry, Physical Chemistry, and Applied Thermodynamics.

CHEMICAL TECHNOLOGY – INDUSTRIAL CHEMISTRY OPTION (6 Semesters)

General concepts and laboratory experience drawn from the broad spectrum of industry form the foundation of this program. You will be exposed to the techniques used by the working technologist on both the laboratory and small plant scale. For those who desire more specific backgrounds, electives from the Bio-Sciences and Chemical Engineering are available.

Careers in industries such as petroleum, glass, foods, rubber and plastics, paints, fertilizers and process equipment companies can be expected, with positions in research, testing and control, plant operation and supervision, technical sales and service are most likely for graduates.

CIVIL TECHNOLOGY (6 Semesters)

The theory of design and construction of structures, including practice in project management, as well as municipal services and transportation, form the basis of the program.

You will cover numerous aspects of design and construction from basic site surveys to final completion of any project. Since you are next to the professional engineer in responsibility, both in the field and the design office, this program covers all the academic and practical requirements necessary to undertake exacting responsibilities.

Career opportunities in all phases of design and construction of the transportation and building industries are open to graduates.

ELECTROMECHANICAL TECHNOLOGY (Automation and Controls) (6 Semesters)

Electromechanical devices are the basis of modern machine controls. Machines that use hydraulic, pneumatic and electrical power for their operation development or modification of these machines and engineering personnel. Selection, preparation and use of technical information on fluid power equipment in a wide range of industries will also be part of your training. As a representative of a manufacturer you will advise, plan and assist in estimating the cost of machine control components, including fully automated systems. You will study and build complex controls using remote and radio control principles.



ELECTRONICS TECHNOLOGY (6 Semesters)

A sound, intensive training in modern electronics theory, with emphasis on basic circuitry measurement techniques and design fundamentals.

Employment opportunities exist in industries as varied as communications, control equipment, computers, radio and television equipment, industrial electronics measurement and laboratory equipment.

INDUSTRIAL MANAGEMENT TECHNOLOGY (6 Semesters)

This program has been designed to satisfy the need for industrial engineering and management technologists by providing you with a command of economic, analytical and systems approaches to management problems. In addition to stressing such fundamental subjects as time and motion study, production and inventory control, manufacturing engineering, plant layout and industrial psychology, the total systems concept of management is also emphasized.

INDUSTRIAL SAFETY TECHNOLOGY

The Industrial Safety Technologist will be required to provide the knowledge and leadership to develop and implement programs to conserve life, health and property. A wide background will be required in the physical sciences, mathematics, management techniques with special emphasis on safety concepts. The safety program is developed to identify and measure potential loss-producing conditions; develop a practical plan to minimize losses; communicate the information to those who have the responsibility to implement the program, and measure the program and modify it for better effectiveness.

SURVEY TECHNOLOGY (6 Semesters)

Surveying involves the measurement of distances and angles to locate positions of points on or near the earth's surface. These measurements are per-

formed using such surveying instruments as the theodolite, which combines a telescope with precise protractor, and electronic devices which measure distances by aiming a beam such as a laser at a distant reflector. Positions and directions may also be determined from astronomical observations or by photogrammetry, which deals with measurements from aerial photographs.

As a Survey Technologist you will be involved in planning a survey project and must be capable of directing the surveying operation and analysing and reducing all field data. The degree of responsibility in your work requires a strong background in both the practical and theoretical aspects of surveying.

TECHNICAL SALES REPRESENTATIVE (6 Semesters)

Training in this program will give you an extensive background in the sciences and technology fields including industrial processes. You will be able to specify equipment type, recommend the best products to customers and close sales. Training in advertising, marketing and sales science will enable a customer's requirements and design and specify the right equipment.

CIVIL TECHNICIAN (4 Semesters)

Problems are dealt with in detail in addition to training in estimating, specification writing and interpretation.

The preparation of plans is a principal element of the work of the civil technician.

The overall program is extremely interesting because of the variety offered in all facets of civil engineering projects.

You may become involved in hydro electric installations, inspection, testing, plant engineering or construction. With sufficient potential you can upgrade yourself to the technologist level. This field is wide open to anyone having initiative and talent.

ELECTRICAL CONTROL TECHNICIAN (4 Semesters)

Designed to provide the theory, skills and knowledge of industrial practices, this program prepares you to enter industry as a Senior Technician. Graduates of this program are orientated to fit into the engineering team with the Engineer and Technologist. You will also acquire sufficient general knowledge to make you adaptable to other fields of endeavour.

Some of the areas in which employment opportunity exists for the Electrical Control Technician are: electrical generation and distribution, research and development laboratories, servicing and maintenance, construction and sales.

ELECTRONICS TECHNICIAN (CO-OPERATIVE) (4 Semesters)

This program provides you with a comprehensive background in modern electronic principles. Practical experience in a modern, up-to-date, well-equipped laboratory will give you a foundation for employment in the electronic industry.

Career opportunities in many engineering and scientific organizations exist, including equipment and component manufacturing, research and testing, equipment maintenance, radio and television, sales and service, communications, computer and industrial opportunity areas.

INSTRUCTIONAL MATERIAL CENTRE TECHNICIAN (CO-OPERATIVE) (AUDIO-VISUAL TECHNICIAN) (4 Semesters)

To prepare graduates for employment in the Audio Visual field at Colleges, Universities, Medical Schools, Industry, Radio and Television Studios and Instructional Material Centres. This program will provide you with a broad range of training.

Your studies will include Photography, Graphic Arts, Office Skills, Elements of Data Processing, Audio Visual Equipment Maintenance, Theories of Management and Language Laboratory Procedures.

LABORATORY TECHNICIAN (4 Semesters)

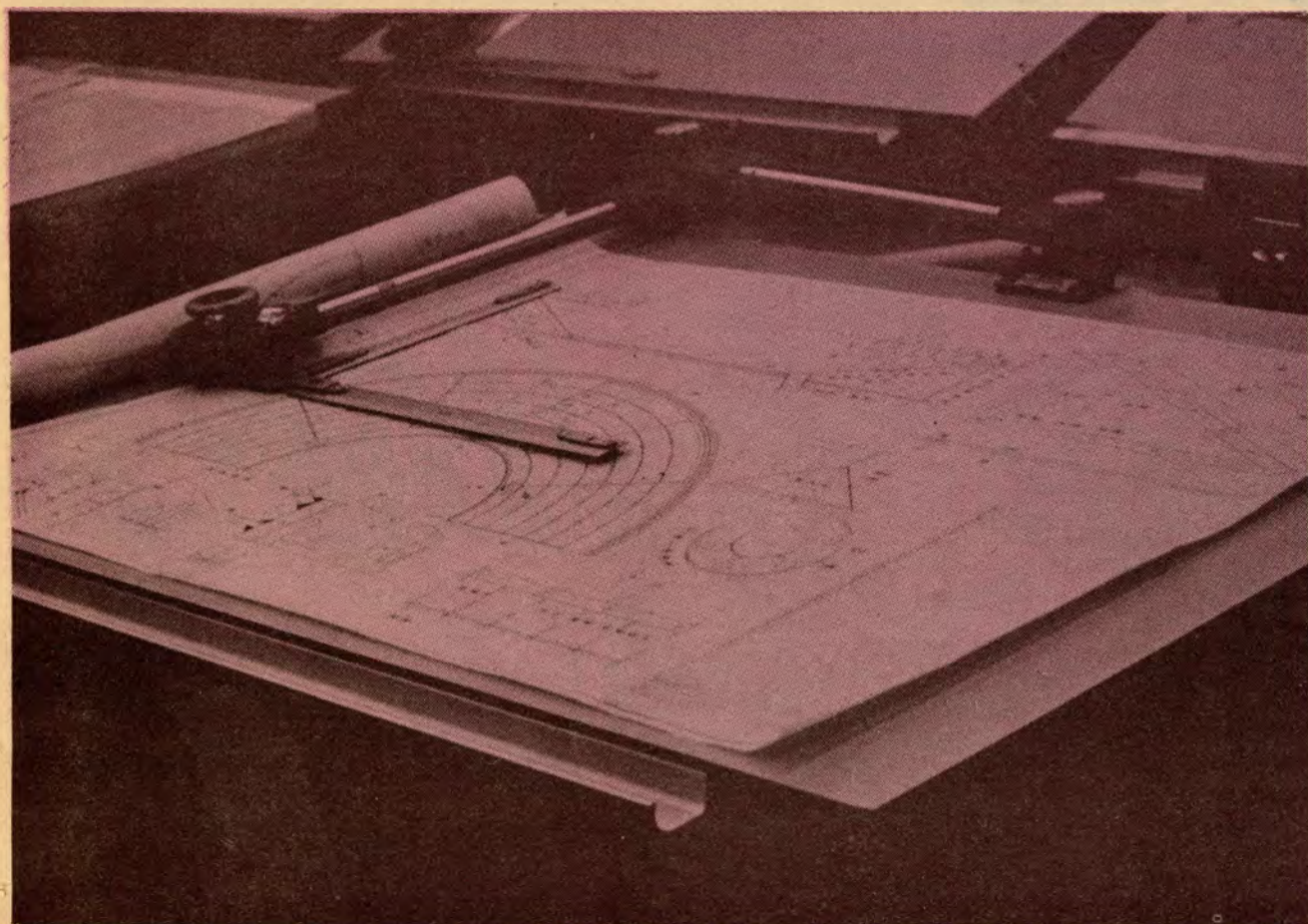
A general scientific laboratory background with a strong orientation in chemistry and microbiology will enable you to adapt to a wide variety of research and testing functions in various industries.

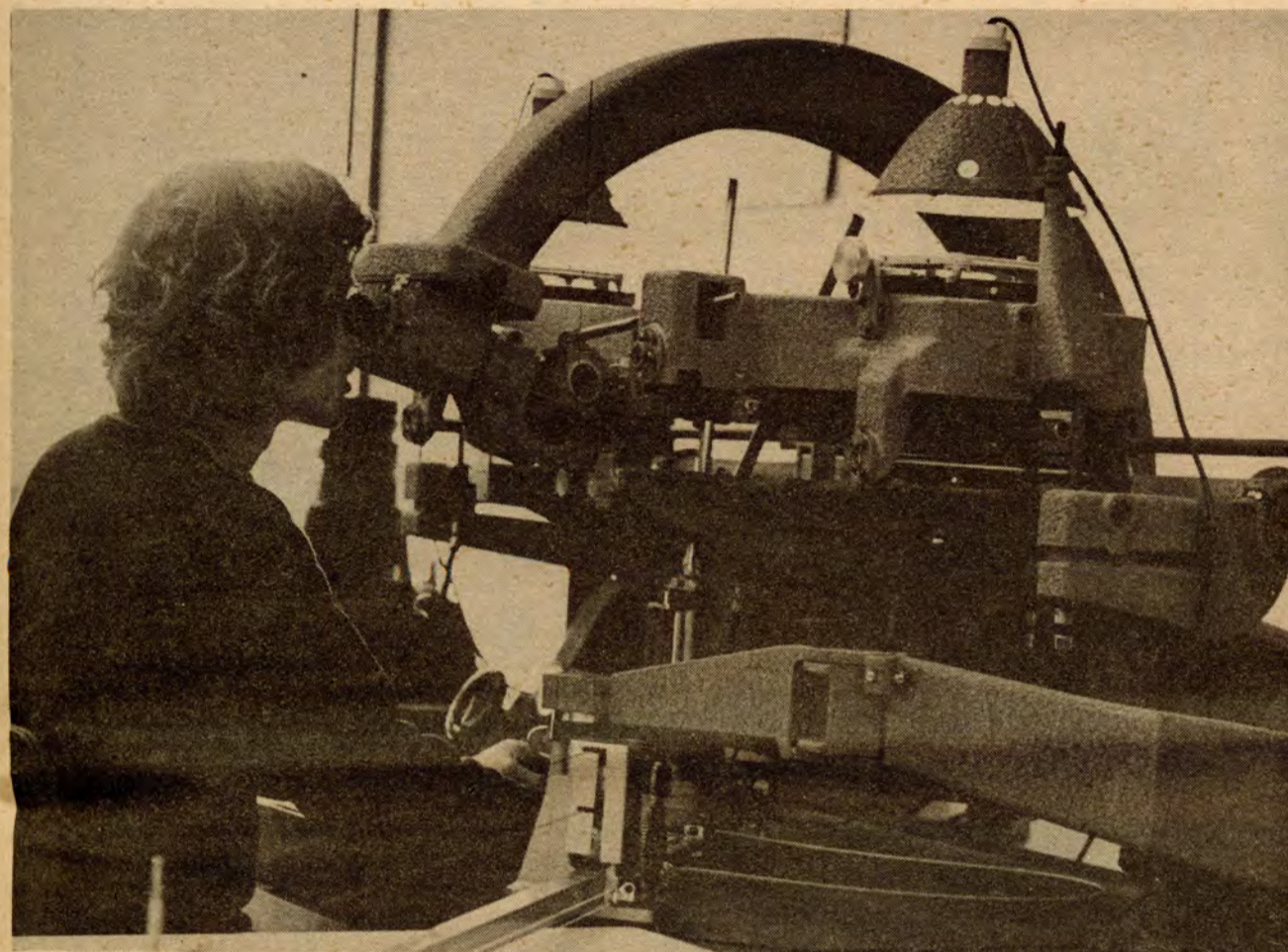
The employment possibilities are in quality control, testing and inspection, research, sales and service of laboratory apparatus, pharmaceutical companies, and public health laboratories in municipal and provincial departments. Many jobs are being created presently in the field of pollution measurement and control.

MANUFACTURING ENGINEERING TECHNICIAN (6 Semesters)

This program trains you to determine how a product is to be manufactured, the machines to be used, types of materials, and the production sequence (method) to follow. You will be trained in developing production processes for products manufactured by machining processes, components produced by presswork methods and finally products manufactured by plastic technology machinery.

A modern Production Laboratory will serve you as a practical and experimental experience for implementing your projects under industrial conditions. During the additional two semesters you'll be trained in special manufacturing processes along with industrial management courses to broaden your knowledge in courses such as: Plant Lay-out and Material Handling, Production and Inventory Control, Industrial Organization and Management.





MEDICAL EQUIPMENT MAINTENANCE TECHNICIAN (4 Semesters)

The applications of basic electronics and health knowledge to the maintenance of sophisticated electronic equipment used in the hospital and medical research environments are the foundation of this program.

The Medical Equipment Maintenance Technician provides skills and knowledge in demand in the hospitals, the medical research laboratories and in the manufacturers' facilities engaged in the production of the sophisticated electronic aids which are presently becoming an important factor in the advancement of medical care.

QUALITY CONTROL TECHNICIAN (4 Semesters)

The program provides training in Statistics, Metrology and the techniques of Quality Control. You will become familiar with measuring instruments, testing of materials, work simplification and manufacturing processes to improve quality and reduce costs for companies.

The training in this program applies to all industries such as Manufacturing of any product, food and drugs, Construction, Plastics, Chemical industries and Government Bodies. Positions would include Inspector, Lab. Tester, Quality Control Technician and Quality Control Analyst.

REFRIGERATION AND AIR CONDITIONING (SALES) TECHNICIAN (4 Semesters)

To educate you in the sizing and application of Environmental and Pollution Control Equipment, customer relations and business practices so that you may achieve competence to be employed as technical representative for any company in this field with a minimum of familiarization with the particular company's products, is the aim of these studies.

The rapidly expanding industry has forecast a 61% increase, over the next five years, in manpower requirements for graduates from this program. It is expected that you will be employed by manufacturers and distributors as technical representatives, dealers selling to the end user, utilities promoting use of their fuel or energy and suppliers of components to the industry.

SURVEY TECHNICIAN (4 Semesters)

As a Survey Technician you will be primarily involved in performing the actual survey measurements and recording the results. You must be familiar with the use of all types of surveying equipment and be capable of performing field calculations to convert the field data into a map or the location of a point.

Excellent employment opportunities exist in this field in both indoor and outdoor conditions. Potential employers include private land surveyors, federal, provincial and municipal government agencies, construction companies and photogrammetric firms.

TOOL AND DIE DESIGN TECHNICIAN (4 Semesters)

The objective of this program is to train you as a specialist in the design area. In addition, you will have developed a firm background in the tool-making area. You will also be trained in drafting techniques, manufacturing processes and develop your ability to evaluate different methods of production and quality control, materials, manufacturing costs and tool performances. Your specialty courses are backed up by a production laboratory in which you can work, and experiment with various processes and fabricate your own projects.

MECHANICAL TECHNICIAN DESIGN (DRAFTING) (4 Semesters)

A comprehensive study of the application of design principles and practices, engineering drawing and standards, and a thorough knowledge of materials and mathematical solutions to varied engineering and machine design problems are the basis of study. As a graduate you may expect to find employment in areas related to drafting and design, testing, estimating, and installation of machines in consulting engineering offices, and in machinery sales.

MECHANICAL TECHNICIAN — ELECTROMECHANICAL (Automation & Controls) (4 Semesters)

Testing and evaluating the performance of machines and control systems that use hydraulic, pneumatic, mechanical and electrical power as their energy source are part of this program. The maintenance of complex equipment for control systems, analysis of technical problems involving fluid power equipment, and planning, installation and inspection, and installation of such equipment for a variety of industries are areas of study.

MECHANICAL TECHNICIAN — NUMERICAL CONTROL (TAPE CONTROLLED MACHINERY) (4 Semesters)

This program will give you a fundamental knowledge of the mechanics of machines, types of N/C Controls and systems, their operation, planning and programming. Emphasis will be placed on the intricacies of process and tooling lay-out, as well as manual and computer assisted programming. You will be given a sound knowledge of manufacturing and fabricating processes, costing, tool design and inspection techniques.

Careers in the metal working, plastics, rubber (tire) manufacturing or sales of Numerical Control machinery and services are open to graduates.

Training in Business and Industry Division Programs



DEAN R. H. Noble
WINTER EVENING SERIES

Introduction

Following a successful Fall 1972 Program, we are happy to announce our Winter 1973 Management Development CERTIFICATE Program of courses which provide training for supervisors and managers from first line supervision up to and including middle and senior management levels. Most courses average 10 weeks in length and the Case Study method of instruction is used.

Course Description and Course Schedule

Details of ALL courses in our EVENING PROGRAM are given in the COURSE DESCRIPTION SECTION and the dates and times are shown in the COURSE SCHEDULE. Firms and associations desiring courses to be conducted during the DAYTIME need only call 236-1291 for details.

The Objective?

The objective of our Management Development Program is to assist managers and supervisors and others interested in advancement, develop their management skills and thereby operate their business and/or departments in a more efficient and profitable manner.

Who Should Attend?

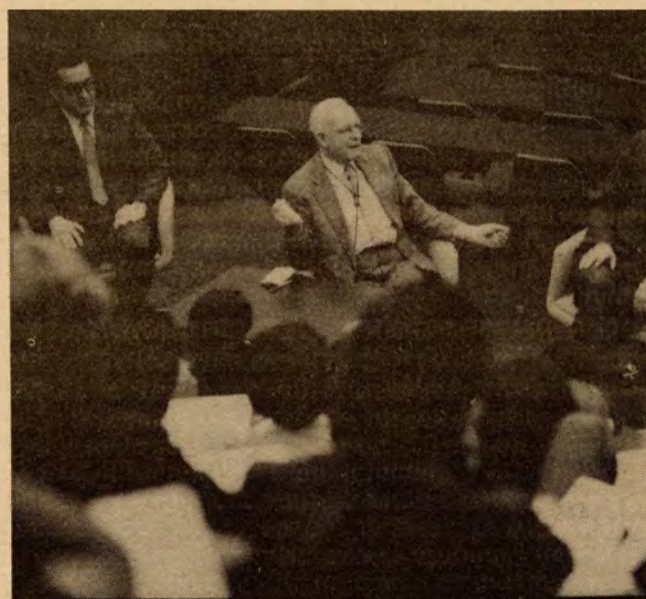
Owners/managers, top, senior, middle and junior management personnel, first line supervisors and others aspiring to such positions in business, industry, associations, institutions and government. **Call 236-1291 for your free brochure on Management Development and Career Development Programs.**

Organization

To provide the highest standard of Management and Supervisory training, the program is divided into two sections, namely:

Centre for Management Studies

Concentrating on courses and seminars for SENIOR and MIDDLE MANAGEMENT levels in industrial and commercial firms, associations, institutions and government departments.



Centre for Supervisory Studies

Concentrating on courses for FIRST LINE SUPERVISORS in industrial and commercial firms, associations, institutions and government departments.

Certificates

Two levels of certificates are awarded:

Certificate in Management Studies

This is a province-wide program offered by the Ontario Colleges of Applied Arts and Technology. To qualify, participants MUST SUCCESSFULLY COMPLETE ONE 'C.M.S.' course in EACH of the following categories: MARKETING — FINANCIAL RESOURCES — HUMAN RESOURCES — MATERIAL RESOURCES PLUS TWO other courses, 'C.M.S.' or otherwise, offered by the Centre For Management Studies. That is 6 courses in all.

Individual Course Certificates are awarded upon the successful completion of each course. Following successful completion of 6 courses participants are awarded a 'CERTIFICATE IN MANAGEMENT STUDIES'.

Certificate in Supervisory Studies

This is a special certificate awarded by Humber College. Two categories of certificates are awarded. "Certificate in Supervisory Studies — Administration," "Certificate in Supervisory Studies — Production". Each requires the successful completion of 4 courses. Three of these are compulsory, i.e. Effective Supervision Administration OR, Effective Supervision Production; Effective Supervision Communication, Effective Supervision Human Relations, plus one other course from the C.M.S. series.

Certificates awarded for courses included in the "Certificate in Supervisory Studies" program may be considered as credits towards the "Certificate in Management Studies" program in accordance with the requirements laid down for this latter certificate.

It should be noted that certain Management Development Certificate Courses may count as a 1/2 credit towards Post-Secondary Credit Courses, offered by the Business Division.

Make your cheque or money order payable to Humber College.
Mail this Registration Form and your fees to:

**Training in Business & Industry Division, Humber College of Applied Arts & Technology,
5233 Dundas St. W., Islington 678. Telephone 236-1291**

please print clearly

REGISTRATION FORM

last name first name
home address apt. no. business
city zone city zone
home telephone business telephone
course applied for course number
campus date begins day(s) of week fee enclosed \$

Use this handy
form to register
for

**CERTIFICATE
LEVEL
COURSES**

**Training in Business
and Industry Division
Courses**



**Centre For
Management Studies**

LIST OF CERTIFICATE COURSES

EVENING PROGRAM *

SENIOR AND MIDDLE MANAGEMENT

- 1024 CMS Leading & Motivating For Results (Administration)
- 1025 CMS Leading & Motivating For Results (Production)
- 1028 CMS Management For Results
- 1030 CMS Manufacturing Planning & Control
- 1045 CMS Management Of The Field Sales Force
- 1066 CMS Marketing Management
- 1067 CMS Marketing Management For The Hospitality Industry
- 1068 CMS Marketing Management For Manufacturers
- 1069 CMS Marketing Management For Wholesalers & Distributors
- 1070 CMS Marketing Management For Service Businesses
- 1072 CMS Management Approach To Credit & Collections
- 1073 CMS Business Strategy For The Non-Financial Manager
- 1084 CMS Management For Construction Superintendents
- 1085 CMS Management Finance



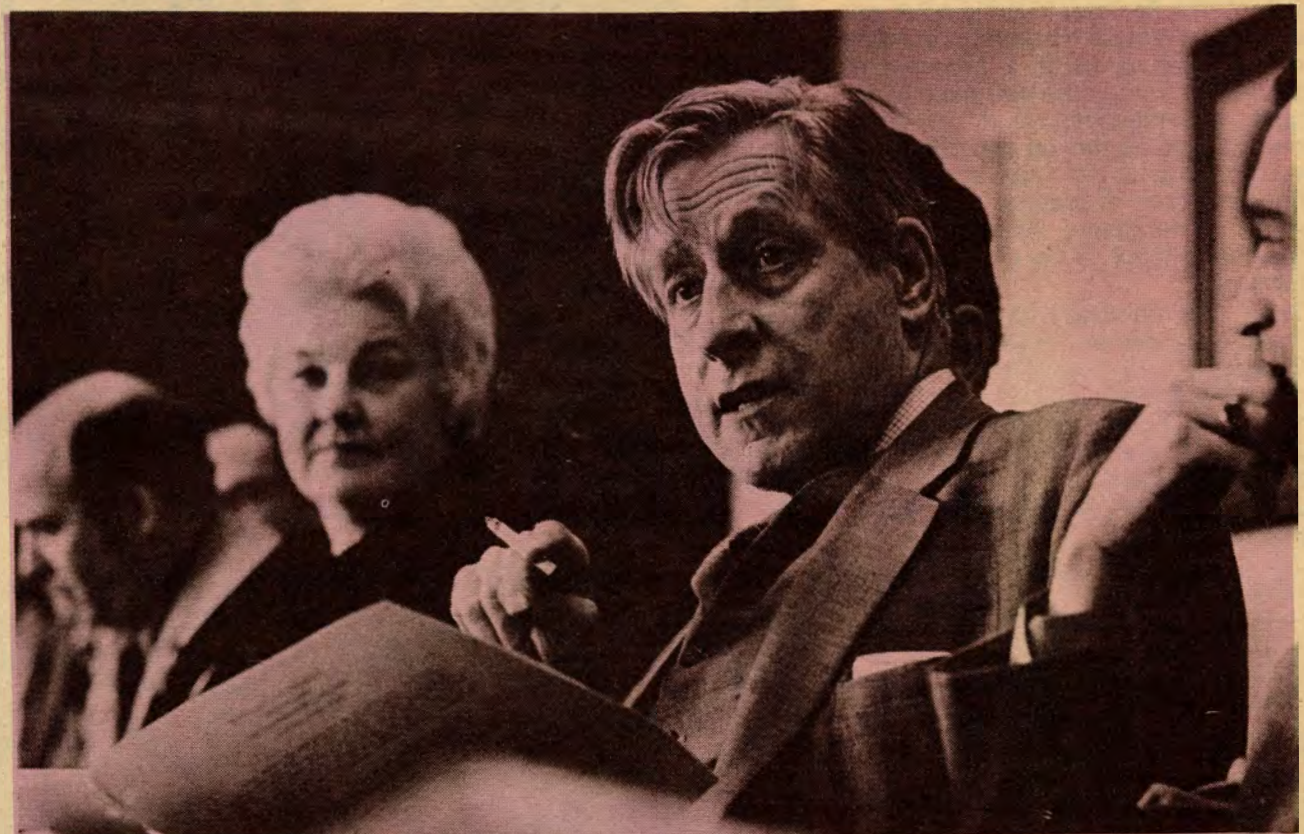
**Centre For
Supervisory Studies**

LIST OF CERTIFICATE COURSES

EVENING PROGRAM *

INTERMEDIATE LEVEL

- 1002 Advanced Selling Techniques
- 1004 CMS Basic Financial Controls
- 1007 CMS Understanding Cost Accounting
- 1031 CMS Marketing For The Hospitality Industry
- 1032 CMS Marketing For Manufacturers
- 1033 CMS Marketing For Wholesalers & Distributors
- 1035 CMS Marketing For Service Businesses
- 1039 CMS Management Accounting (Planning For Profits)
- 1042 CMS Psychology of Professional Selling
- 1048 Effective Technical Report Writing
- 1047 CMS Starting & Operating A Business
- 1078 CMS Finance For The Hospitality Industry
- 1079 CMS Managing Human Resources



EVENING PROGRAM *

FIRST LINE SUPERVISORY LEVEL

- 1011 CMS Effective Supervision Administration
- 1012 CMS Effective Supervision Communication
- 1014 CMS Effective Supervision Human Relations
- 1016 CMS Effective Supervision Production
- 1027 CMS Labour Relations
- 1038 CMS Personnel Supervision
- 1040 Preparation For Supervision
- 1041 CMS Purchasing
- 1044 CMS Retail Selling
- 1051 CMS Work Simplification
- 1081 CMS Management For The Hospitality Industry
- 1082 CMS Hospital Supervision

ALL COURSES BEGIN WEEK OF JANUARY 15, 1973

**FOR FURTHER
INFORMATION**

Call:

**MANAGEMENT DEVELOPMENT
DEPARTMENT 236-1291**

*Each of the above programs is available during the daytime on request.

Part-time Studies

Retraining and Apprenticeship

Our Division was Built Helping People Like You

Every year thousands of Canadians find that the skills they developed for working in industry simply are not good enough anymore. New industries develop; jobs that weren't heard of 10 years ago replace some of the old trades and men and women who felt they had a secure future find themselves bogged down in unemployment. Others feel locked into jobs which demand little and give almost no satisfaction.

Young people who have just completed Grade 12, or even a B.A., are not ensured employment.

This is where the Humber College Retraining and Apprenticeship Division (RANDA) steps in. A variety of programs lasting from 8 to 52 weeks in vocational areas are imaginatively taught in a flexible, friendly adult environment. Varied time-tables in many courses let us tailor a program of studies to fit the time you have available. Individualized study in Commercial and Technical courses allow you to move at your own speed with the maximum of teacher assistance, while performance objectives take the mystery out of the material to be learned.

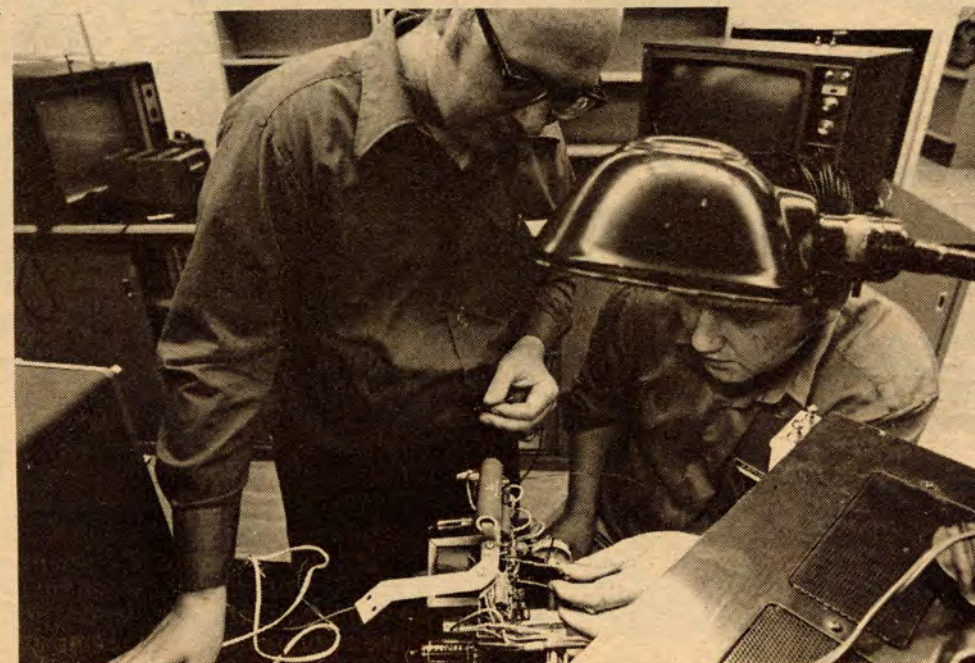
There are hundreds of jobs advertised every day and RANDA's goal is to equip you for one of these; the one you want. Please look over the list of courses outlined on this and the next page and come and see us if you think we can help you.

We've built this Division helping people like you.

What's an ILP?

Humber's Retraining and Apprenticeship Division is working on a new format of learning which we think will change many of your ideas about school. For many adults the most frightening thing about going back to school is the thought of sitting endless hours in a classroom while a teacher talks at you and you scramble to take notes. Often this information comes so quickly that you never really have a chance to understand what's being said.

ILP's or Individual Learning Programs in our Commercial and Technical areas change all that. You work at your own speed on carefully laid out materials and projects. You start the course when you are ready — any week day, and you graduate when you've mastered the skills you need for a job.



Best of all, we know the system works; graduates of our programs and employers are telling us that every day.

We can often work out special time-tables and arrange a special program suited to your abilities now and aimed at the skills you want to acquire. If you have 5 days a week to come to school, we can design such a program. If you have 3 days or only a few hours a week, we should be able to help you too.

We make our program fit you rather than forcing you to fit a program.

ACADEMIC PROGRAMS FOR ADULTS

Academic Upgrading and College Preparatory

These programs represent one of the most exciting innovations to take place in Ontario adult academic instruction in many years.

They are designed for the mature adult who requires additional basic educational background to pursue apprenticeship training, a commercial or technical skill course or further academic training at the post-secondary level.

The program was established for the thousands of adults who have not completed public school or high school and as a result now feel that their careers are being held back. We went out and asked industry and many post-secondary institutions what a student really needed to know to be accepted in a job or in a college course.

When we put the answers together, we designed a streamlined program of learning to help you meet your goal — grade 8, 10 or 12, leading to entrance into a post-secondary education at Humber, resulting in the potential for a better job with new doors opening for advancement.

One of our main goals is to build into the program, study materials that will aid you in keeping up with the technological changes on the job.

Much of the program is based on individual learning packages designed to develop the required academic skills. Students are tested when they enter, their strengths and weaknesses identified and a program of instruction based on specific learning objectives set out for each new group. In this way students can be encouraged to work at their own rate.

There are three general areas of achievement, corresponding roughly to the old idea of grades 8, 10 and 12.

- Basic Academic
 - time varies from a few weeks to several months
- Levels 1 and 2
 - 32 weeks or less
- Levels 3 and 4
 - 32 weeks or less



Your studies in this program will stress Communications (English); Problem Solving (Math and Science) and Life Skills (Social Science, Typing and Drafting).

Students achieving Level 2 are accepted by unions and trades as having Grade 10 equivalent while those achieving Level 4 are accepted for Community College programs and by many other Post-Secondary institutions for further education.

The flexibility of this program should appeal to housewives, shift workers, part time workers and retired people. For example a person interested in electronics, but finding himself lacking the basic high school background, can take both skill training courses and an academic upgrading course. The length of the course depends on the speed at which the student is able to progress.

If you think schools haven't changed since you were last a student, come and see us.

RETRAINING AND APPRENTICESHIP DIVISION PROGRAMS

Program	Weeks
Industrial Instrumentation	
Mechanic	52
Teller Cashier	12
Sheet Metal Apprenticeship	*
Welder Fitter Refresher	20
Automatic Screw Machine	
Setter-Operator	40
Horticulture Apprenticeship	*
Clerk Typist	24
English as a Second Language	24
Commercial Clerical	40
Commercial Stenographic	40
Business Machines and	
Bookkeeping	40
Welder Operator	20
Welder Fitter	40
Sheet Metal Mechanic	40
Marine Mechanics and	
Small Powered Equipment	40
Camera Repair Mechanic	30
Hairdressing	40
College Preparatory —	16 Weeks
Academic Upgrading	per level
Carpet Installation and Smooth	
Surface Floor Covering	24
Drafting Refresher	20
Electronics	48
Plumbing Apprenticeship	*
Commercial Accountancy	40
Machine Shop	40
Commercial Refresher	16
Electrical Construction and	
Maintenance Apprenticeship	7
Hairdressing Apprenticeship	*
Steamfitting Apprenticeship	*
Carpet and Tile Installer	
Apprenticeship	*
Drafting	40

*Available only to Registered Apprentices. Further information from Ministry of Colleges and Universities, Industrial Training Branch, 2nd Floor, 400 University Avenue, Toronto Telephone 965-4211



Special News for Lakeshore area residents

Cooperating with local agencies and community groups in the Lakeshore area, the Storefront Humber Campus of Humber College is offering a wide selection of interesting programs.

WHAT IS STOREFRONT HUMBER?

Storefront Humber is people. People like Paul, Zulema, Vince and Sharon, who will be in the Lakeshore area, helping groups and individuals work on problems in their community. We can help you arrange courses (educational or just for fun), provide speakers and films and even arrange a parade. We think everyday living is an education, and that is why we are interested in working with you!

WE CAN HELP WITH

- counselling
- providing video tape equipment
- organizing courses and programs
- solving community problems
- training programs

For the convenience of people in south Etobicoke we will be operating programs in the Lakeshore area. If you have any questions please call us at:

Storefront Humber 259-4208 for complete details on our Winter '73 programs.

Enrol now for Winter '73 part-time day or evening studies in these Continuing Education Division Courses

MONDAYS, January 15th

Course No.	Fee
Introductory Scuba Diving South Campus	2301A \$60
Men's Keep Fit North Campus	2307A \$20
Cross Country Skiing and Winter Camping King Valley Ski School	2314 \$20
Specialized Recreation North Campus	012-806 \$30
Specialized Recreation North Campus	012-806 \$30
Sewing With Fashion Knits North Campus	2011 \$22
Controversies in Nutrition North Campus	2351 \$20
Handicapping Theory North Campus	2352 \$20
Personality Development Assessment & Evaluation North Campus	011-812 \$30
Report Program Generator North Campus	021-800 \$30
Advanced Marketing North Campus	021-018 \$30
Elements of E.D.P. North Campus	021-083 \$30
Computer Concepts North Campus	021-085 \$30
International Gourmet Cuisine Arlington Senior Public School	2359 \$40
Insurance Against Liability North Campus	021-254 \$30
Manufacturing Organization Management North Campus	021-003 \$30
Salesmanship North Campus	022-039 \$30
Legal Office Procedures IB North Campus	022-048 \$30
Controllershship North Campus	022-098 \$30
Systems Programming North Campus	021-801 \$30
Painting for Beginners South Campus	2347 \$20
Batik North Campus	2335 \$20
Astrology I North Campus	2339 \$20
The Art of Magic & Legerdemain North Campus	2343 \$20
Hypnotism I North Campus	2344 \$20
Printmaking Studio North Campus	041-010 \$30
Ceramics I North Campus	041-803 \$30

Course No.	Fee
Film Making II North Campus	041-259 \$30
Music History Survey I North Campus	041-584 \$30
Group Piano I North Campus	041-812 \$30
Group Piano II North Campus	041-813 \$30
Modern Dance Arlington Public School	2121 \$20
Sculpture I South Campus	041-828 \$30
Effective Public Speaking North Campus	041-834 \$30
Weaving II (Advanced) North Campus	042-053 \$30
Advanced B/W Photo Printing North Campus	042-158 \$20
Home Nursing and Health North Campus	071-901 \$30
Contemporary Drama I North Campus	095-308 \$30
Seeing Ourselves — Sociology I North Campus	092-301 \$30
Conversational Spanish I North Campus	094-301 \$30
Conversational Italian II Keeleisdale Campus	094-440 \$30
McLuhan — Media as Language North Campus	095-207 \$30
Developmental Reading North Campus	095-240 \$30
Man vs. Evil North Campus	095-312 \$30
Electronics Queensway I	051-031 \$30
Machine Shop Queensway I	051-036 \$30
Carpet Installation South Campus	051-048 \$30
Single Spindle Automatic Screw Machine Queensway I	051-063 \$30
Welding Queensway	051-010 \$30
Electrical Drafting & Circuit Layouts Queensway I	053-014 \$30
Advanced Electric Motor Controls Queensway I	053-004 \$30
Electrical Pre-Examination Queensway I	053-003 \$30
Electricity II Queensway I	052-001 \$30
Plumbing I Queensway I	051-015 \$30
Sheet Metal Refresher Course Queensway	053-013 \$30
Typing, Basic, Intermediate, Advanced Queensway II	051-080 \$30
Shorthand — The Electronic Way (Pitman) Queensway II	051-084 \$30
Business Machines Queensway II	051-085 \$30
Office Procedures Queensway II	051-086 \$30
Business Correspondence Queensway II	051-087 \$30
Bookkeeping & Accounting Queensway II	051-085 \$30
Component Technology North Campus	031-945 \$40
Mechanical Design North Campus	031-805 \$30
Stationary Engineering, Group 2, 4th Class North Campus	031-806 \$30
Industrial Fermentations North Campus	031-984 \$30

Course No.	Fee
Woodworking Arlington Public School	2400 \$15
Elements of Law North Campus	021-003 \$30
Karate North Campus Bubble	2309A \$20
Purebred Dogs II	new class opened

TUESDAYS, January 16th

Course No.	Fee
Environmental Law North Campus	012-808 \$35
Marsh, Field & Woodland Field Trips	011-814 \$30
Tailoring: Suits & Coats North Campus	2008 \$22
Horseman's Night Out North Campus	012-811 \$30
Flower Arranging North Campus	2359 \$20
Cooking For Fun and Pleasure North Campus	2360 \$30
Self Improvement A North Campus	2362 \$35
Equine Health Forum North Campus	2363 \$10
Wine Tasting for Health & Enjoyment North Campus	\$40
Business Mathematics II North Campus	021-009 \$30
Shorthand I (Forkner) North Campus	021-026 \$30
Shorthand II (Forkner) North Campus	021-027 \$30
Transcribing Machines North Campus	021-030 \$30
Facilities Layout & Equipment North Campus	021-068 \$30
Learn to Type in 14 Sessions North Campus	021-080 \$30
Intermediate Typing North Campus	021-081 \$30
Elements of Marketing North Campus	021-084 \$30
Loss Adjustments & Claim Settlements North Campus	021-255 \$30
Sales Management North Campus	022-033 \$30
Medical Office Procedures North Campus	022-054 \$30
Labour Relations North Campus	022-064 \$30
Systems Analysis II North Campus	022-072 \$30
Theories of Management North Campus	022-094 \$30
Organizational Development North Campus	022-095 \$30
Opportunities for Change North Campus	2620 \$20
Introduction to Canadian Antiques Richview Library	2353 \$20
Lyric Stage Lab North Campus	2346 \$20
Writing for Relaxation North Campus	2101 \$20
Ethnic Embroidery North Campus	2331 \$22
Weaving North Campus	041-801 \$30
Hypnotism II North Campus	2345 \$20
Painting I North Campus	041-118 \$30
Illustration North Campus	041-059 \$30
Water Colour Painting North Campus	041-325 \$30

Course No.	Fee
Music Writing Seminar I North Campus	041-583 \$30
Ceramics II North Campus	041-099 \$30
Hand Wrought Jewelry North Campus	041-804 \$30
Sculpture II South Campus	041-829 \$30
Stained Glass North Campus	041-880 \$30
First Aid & Accident Prevention North Campus	071-165 \$10
Economics II Macroeconomics North Campus	092-640 \$30
Human Development North Campus	2352 \$25
Conversational Italian I Queensway Campus	094-401 \$30
Introduction to Psychology I North Campus	092-401 \$30
Canadian History — 1885 to Now North Campus	093-302 \$30
Conversational French II North Campus	094-240 \$30
Effective Public Speaking North Campus	041-834 \$30
Effective Reading Power North Campus	095-213 \$30
Professional Writing II North Campus	095-262 \$30
Youth and Experience North Campus	095-313 \$30
Drafting Practice Queensway I	051-044 \$30
Architectural Model Making Queensway I	053-014 \$30
Floor Covering Measuring & Estimating South Campus	051-051 \$30
Carpeting and Murals South Campus	051-052 \$30
Elements of Machine Design Queensway I	051-071 \$50
Hydro Electric Power Commission Rules Queensway I	053-003 \$30
Steamfitting Qualification Queensway I	053-007 \$30
Electricity I Queensway I	051-001 \$30
Plumbing II Queensway I	052-015 \$30
Become a Benchman Queensway I	053-014 \$30
Computer Systems North Campus	031-940 \$40
Electronics North Campus	031-926 \$40
Physics North Campus	031-922 \$40
Elements of Marketing North Campus	021-084 \$30
Stationary Engineering Group 7, 4th Class North Campus	031-806 \$30
Stationary Engineering Group 4, 2nd Class North Campus	031-806 \$30
Heating, Refrigeration & Air Conditioning I North Campus	031-905 \$30
Heating, Refrigeration & Air Conditioning II North Campus	031-906 \$30
Explosives in the Construction Industry North Campus	031-953 \$30
Micro Biology I North Campus	032-156 \$30
Metallurgy (Metallurgical) North Campus	031-920 \$30

Upcoming Events at Humber College

January 2nd, 1973

Starting today, register and begin individual study courses in the Retraining and Apprenticeship Division. For details call 259-5411.

January 8th, 1973

Early registration for part-time studies, day or evening. For details call 677-6810 Extensions 302 to 306 or 677-9540.

January 8th, 1973

Returning students should take advantage of early registration and selection of course electives. Call 677-6810 Extensions 302 to 306 for details.

January 12th, 1973

Every Friday evening an informal student-operated Pub at the North Campus. Call 677-2585 for details.

January 13th, 1973

College Hockey (Public Welcome) Centennial College vs. Humber College at Centennial Park Arena — 8 p.m. Call 677-6810 Extension 270 for details.

January 15th, 1973

First week of classes for students in the Winter '73 Post-Secondary Programs — Computer Programming
General Business
General Arts and Science

Start these courses now, and complete a full academic year before September '73. Call 677-6810 Extensions 302 to 306 for details.

January 15th, 1973

First week of classes for Continuing Education Division and Training in Business and Industry Division part-time students. Call 677-9540 or 236-1291 for details.

January 15th, 1973

Start of Winter '73 semester for returning students. Call 677-6810, Office of the Registrar, for details.

January 16th, 1973

Humber's President, Gordon Wragg, will participate in the official opening of the Troumaka Bay School on the island of St. Vincent in the Caribbean. A project of Humber College students, faculty and staff (with support of many community residents through fund-raising events), the College has provided staff and students to install electrical and plumbing equipment.

January 20th, 1973

Conference on Early Childhood Education. Register before January 12th. Call 677-9540 for details.

January 24th, 1973

Convocation for graduates of Business and Technology Division. Call 677-6810 Extensions 302 to 306 for details.

January 27th, 1973

College Hockey (Public Welcome) Georgian College vs. Humber College at Centennial Park Arena — 8 p.m. Call 677-6810 Extension 270 for details.

February 1st, 1973

Basketball — Men's and Women's double feature (Men's — Centennial College) (Women's — Sheridan College) starting at 6:30 p.m. at Kingsmill Vocational High School, Royal York Rd., South of Bloor. Call 677-6810 Extension 270 for details.

February 15th, 1973

Basketball — Men's and Women's double feature (Men's — Georgian College) (Women's — Niagara College) starting at 6:30 p.m. at Kingsmill Vocational High School, Royal York Rd., South of Bloor. Call 677-6810 Extension 270 for details.

February 17th, 1973

College Hockey (Public Welcome) Seneca College vs. Humber College at Centennial Park Arena — 8 p.m. Call 677-6810 Extension 270 for details.

Week of February 19th, 1973

Student Union Winter Carnival. A variety of events of public interest. Call 677-2585 for details.

February 23rd and 24th, 1973

Humber College International Travel Show. Discover the world as presented in more than 50 displays and exhibits from around the world. International airlines, travel companies, and representatives are the key to this major event organized by our own Travel & Tourism Program students.

April 1973

Official opening of Canada's only community college Equine Centre at Humber's North Campus. (tentative date)

June 6th and 7th, 1973

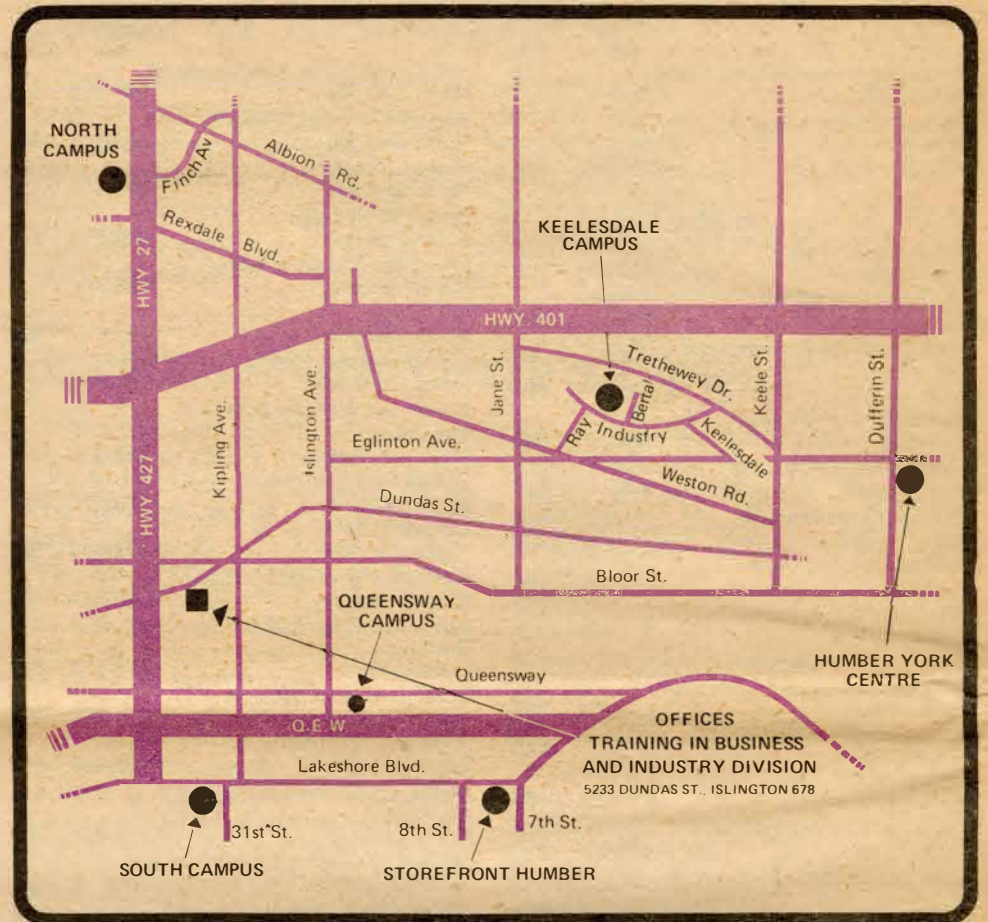
Convocation for graduates of all programs.

For further information on programs or events at Humber College, call, write or visit:

**Office of Community Relations
Humber College of Applied Arts and Technology**

**P.O. Box 1900, Rexdale, Ontario.
(West off Hwy. 27, 1 mile north of Rexdale Blvd.)**

Telephone: 677-6810 Extensions 302 to 306.



Campus Locations

NORTH CAMPUS
Highway 27
1 Mile North of Rexdale Blvd.
P.O. Box 1900
Rexdale, Ontario

SOUTH CAMPUS
3495 Lakeshore Blvd. W.
Toronto 14, Ont.

STOREFRONT HUMBER
2945 Lakeshore Blvd., W.
Toronto 14, Ontario
Telephone: 259-4208

HUMBER YORK CENTRE
1751 Eglinton Avenue West
Toronto, Ontario

KEELESDALE CAMPUS
88 Industry Street
Toronto 15, Ont.

QUEENSWAY CAMPUS
56 Queen Elizabeth Blvd.
Toronto 18, Ont.

Offices:
**TRAINING IN BUSINESS & INDUSTRY
DIVISION**
5233 Dundas Street West
Islington 678, Ontario
236-1291

