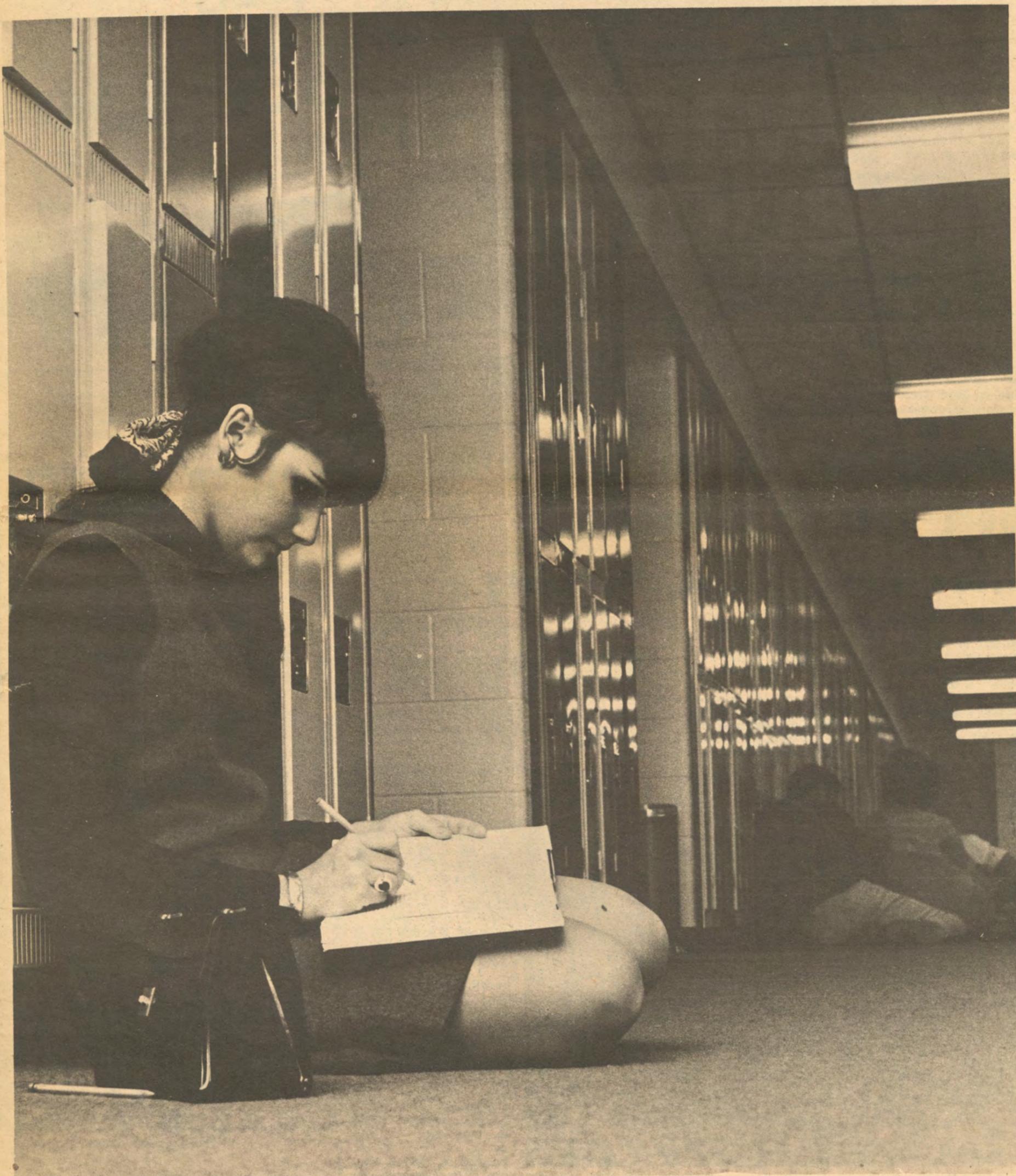


# this is HUMBER COLLEGE



PUBLISHED BY HUMBER COLLEGE OF APPLIED ARTS AND TECHNOLOGY

April, 1969





Queensway Campus is a hive of activity with students and staff alike getting ready for Open House April 9. Shown here are Sandy Steckley, College Preparatory; Lola Murzin, Commercial; instructor Frank Ryan, Chairman of the Open

House Committee; Deborah Rau, Commercial Clerical and Yunok Chung, English for New Canadians. All look forward to participating in Queensway Open House.

# All welcome on April 9 Gala open house marks Queensway first anniversary

Right now, there's hardly a staff member or student at the 800-strong Queensway Campus who's not involved in the "big show", as they're calling it. "Or Davison's Folly" said James Davison, director of Humber College's Manpower and Apprenticeship Programs. But he was joking of course, since the Open House planned for April 9 is intended to give the public a real, first-hand look at an

important community undertaking - adult retraining.

On that date, the Queensway Campus will celebrate its first birthday. It was April 1 last year that the college took over the Etobicoke Adult Retraining Centre and staff and students think it high time you saw just why Queensway is important to the community.

On April 9, tours will be conducted through the

building from 12:00 noon to 9:00 p.m. Visitors will see students at work in classrooms and laboratories. There will be special demonstrations of new equipment and new techniques. Students will read poems and pose, act in dramatised sketches and a group of roving troubadours will entertain the guests.

"During Open House", said Robert H. Noble, Admissions Officer, "people will see for themselves the

tremendous influence our programs have on the lives of our students." Staff and students work together toward the aim of a secure future and a well-paid job for graduates.

A better understanding of specialized retraining and college preparatory programs can be obtained through discussion groups. These groups will give the visitor a chance to ask questions and discuss programs and opportunities of individual interest.

"We're proud of our growth and progress in this first year", stated Mr. Davison, "We've doubled in size and with the new facilities now in use, we've doubled the number of students we can accommodate."

The commercial and technical programs are designed to be of immediate economic value to the graduate.

Apprenticeship programs are available to registered apprentices, and include electrical trades, sheet metalwork, and hairdressing.

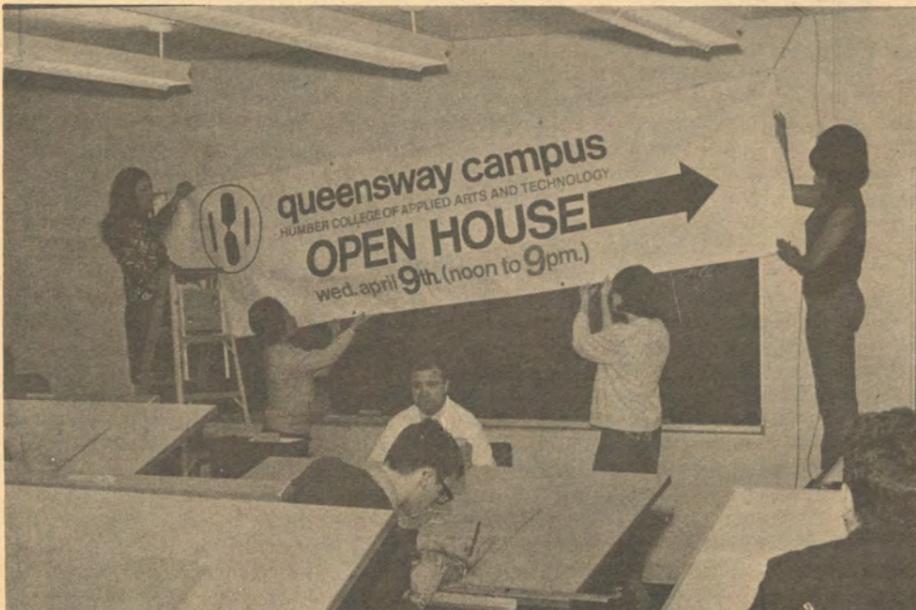
Mr. Davison believes the Open House will be of great interest to the residents of Etobicoke and York. "We hope to see you at the Queensway Campus on April 9", he says "You're all welcome."

## This is HUMBER COLLEGE

Published by Humber College of Applied Arts and Technology

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Students at Humber's Queensway campus are busy preparing for their Open House April 9. Posting sign are (l to r) Lola Murzin, Commercial; Yunok Chung, English for New Canadians; Sandy Steckley, College Preparatory and Deborah Rau, Commercial Clerical helping to make Open House a success.





# Work Study programs at Humber's Business Division Prove Effective, Popular

Why would Emco Limited, a plumbing and heating wholesaler, send an employee like Keith Sims back to school for four months at a time?

Why would a well-known department store chain like Eaton's join with eight of its rivals to support an educational program?

These companies, and many others have helped sponsor a revolution in business education, according to A. John Almond, chairman of Humber College's Business Division.

"Through talking with industry, we've uncovered a need common to many different groups" said Mr. Almond. "I think, with four programs now launched in this new area, you could say we've started a trend."

Known as the co-operative "work-and-study" program, this new look in education for junior management and supervisory positions began to take form last spring.

With the support of J.T. Crowder, chairman of the Canadian Wholesale Council and members of the 360-strong organization, John Almond and his staff worked out a method of bridging a serious job-training gap in the wholesale industry.

At that time, Mr. Crowder said: "The industry finds itself ill-equipped to obtain trained personnel with skills in such areas as distribution,

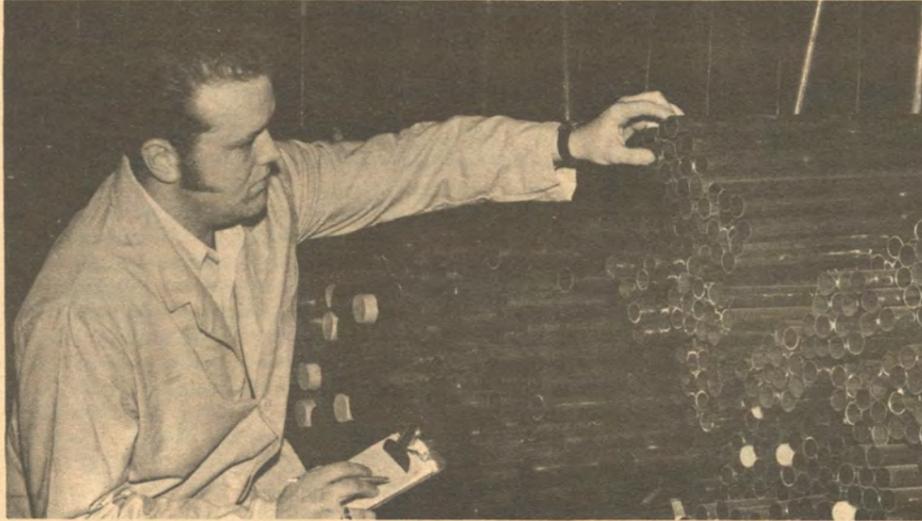
retailing, data processing, inventory management and warehousing management. We should encourage promising young people to enter the field."

The pattern selected by Humber College and the Council had some similarity to the co-operative programs established by universities like Waterloo, but there was one big difference.

Students would alternate four-month salaried work sessions with a wholesaler with four-month sessions at Humber's Business Division, for a total of four semesters. At the end of the fourth semester, graduating students would earn a diploma in Wholesale Administration.

Each student, at the time of enrolment, must actually be an employee of a co-operating firm, and throughout the training period would remain with that firm.

"That's where we differ" said Chris Trunkfield, assistant chairman of the Business Division. "It doesn't matter whether the student's enrolment originates through Humber or through a co-operating company. He must be on a company's payroll. If he approaches us, we suggest he goes to one of the co-operating firms, to discuss employment. On the other hand, many people studying in these programs were actually employees of co-operating companies when they enrolled."



Keith Sims, Wholesale Administration, makes up an order for a customer at Emco. Students and industry are proving the value of work-study programs.



Phase II of Humber's building program is well underway, and will eventually be the permanent home of Business Division. Here Ruth Fisher and Rick McGee discuss the new steel superstructure. The addition is scheduled for occupancy in October.

When Keith Sims became interested in the Wholesale Administration Program, he was a first-year Marketing student at Humber College. With the

help of the Canadian Wholesale Council, he became an employee of Emco Limited and transferred to the new program.

"First of all, I liked the idea of going into the wholesaling industry" he said. "Then I like the idea of earning money part of the time. With each four-months salary I can save enough to pay for my study semester and support myself during that period, without having to do part-time work to the detriment of my studies."

On transfer to the new program, Keith's first four-month period was spent working in the Emco warehouse. Initially, he was given shipping work, but later progressed to greater responsibilities. Before he returned to Humber for a study semester, he was receiving all the orders from head office, controlling stock and following up back orders from customers.

"Alternating practical with classroom experience

really helps you relate your studies to real life" says Keith.

In July, 1968 Humber College announced another collaboration with industry - Ontario's first educational program in retail supermarket management. The co-operative program was sponsored by five grocery chains: Dominion Stores, Power Super Markets, Steinberg's, The A & P and Oshawa Wholesale. This year, two more important groups of industries teamed up with Humber on co-operative programs. Ten life insurance companies agreed to support a Life Insurance Administration Program. The ten are Canada, Confederation, Crown, Excelsior, Imperial, Manufacturers, North American, Prudential, Sovereign and Sun.

The program will commence in October, 1969 and to encourage enrolment, the Canadian Life Insurance Association is offering a scholarship to the most promising student in each year.

On graduation from the course, students will be qualified to write the examinations for Fellowship in the Life Management Institute.

In June, a fourth co-operative program will commence: the Merchandising Management Program which is sponsored by such well-known retailers as: Allied Towers, Eaton's, Kresge's, Sayvette, Simpsons, Simpsons-Sears, Woolworth's, Walkers and Zeller's.

## A message from the president



This issue of our community newspaper deals to a great extent with our 1969 graduates. It is part of our effort to alert you to the fact that graduates from Humber College of Applied Arts and Technology are appearing on the scene in growing numbers.

Last year, our first graduates, numbering seventy-five young ladies from one-year programs were given their certificates at our Convocation. This year, over 200 students from the one and two-year programs will graduate.

In between last May and this year's graduation exercises, there have, of course, been a large number

of students graduating from our shorter programs at the Queensway Campus, as we renamed the Etobicoke Adult Retraining Centre when it became part of Humber College.

From the good reports we're receiving on our graduates and the students for whom summer placement was found last year, we at Humber feel that the community college idea is beginning to make sense to a lot of people.

Our many efforts to communicate with the public have begun to create what we hope will be a strong and lasting relationship. The interest in Humber College demonstrated by students in both full time programs and continuing education programs grows each month.

We look forward to a continuation of your interest in Humber and expect a full enrolment in most of the programs which will commence next September. It may even be that we shall have to restrict the numbers we can admit into the 1969-70 year, since our operating budget for expansion during the next twelve months has been drastically reduced.

Should this be the case, we must stress our extreme reluctance to do this, and would ask for your understanding of a difficult situation.

With the kind of support you have given us over the past two years, Humber College will grow steadily and with confidence.

Sincerely  
Gordon Wragg

# HUMBER COLLEGE OFFERS YOU



## CHEF TRAINING PROGRAM (BASIC COURSE -- 20 WEEKS ADVANCED COURSE --- 20 WEEKS)

This program has been developed through the efforts of the Humber College Food Advisory Committee, and supporting groups from the food service industry.

It is designed to prepare you to enter the fields of professional cooking. Our program will provide you with fundamental knowledge of quantity food preparation, modern kitchen operations and management, principles of nutrition, and modern practices in health and hygiene.

Increased competency in cooking and practical mathematics, human relations, and efficient business communications will assist our graduates to develop their talents as working chefs.

## EARLY CHILDHOOD EDUCATION PROGRAM (2 YEARS)

There's an increasing need for trained nursery school teachers to work in day-care centres, community nursing schools, hospitals, camps and other institutions devoted to pre-school care.

This program is designed to meet the training requirements for the Nursery Education Association of Ontario certification of pre-school teachers. A year of successful work experience following graduation from the program is required for certification.

You learn the necessary skills to assist the young child develop into a self-reliant, emotionally stable, productive citizen. Emphasis is placed on development of the "total child" and practical experience is given in parent-child-teacher relationships.

## FOOD SERVICES ADMINISTRATION (2 YEARS)

The current acute shortages of trained staff in all branches of the Food and Hospitality industries create a variety of opportunities for graduates. These exist in: hospitals, clubs, resorts, hotels, restaurants, catering services and the Canadian forces.

You will be taught a fundamental knowledge of food products and standards, quantity food production purchasing, basic accounting and human relations in business management.

You will receive abundant practical on-the-job training to equip you to understand all phases of this expanding industry.

## HOME ECONOMICS PROGRAM -- (3 YEARS)

The growing opportunities for young women in the fashion and food industries, extend from institutional employment to retailing and journalistic positions. This program offers basic training in Home Economics with two options.

### Fashion Option

You are given professional training in the development and illustration of creative fashion design. Emphasis is placed on technical skills such as factory construction methods, display, photography, layout and fashion commentating; and field trips to Metro garment and textile establishments, retail stores and fashion studios enhance the program.

### Food Administration Option

The basic skills necessary to the preparation of food and the supervision of food service are taught with an emphasis on the development of leadership abilities. Stress is placed on such important aspects as standardization of recipes, purchasing and the planning and supervision of food service facilities.

## LANDSCAPE TECHNICIANS' PROGRAM (2 YEARS)

Landscaping today is an important function in the planning of harmonious external environments. Opportunities are excellent for employment by landscape architects, general contractors, horticultural nurseries, parks systems, and conservation authorities.

You will be taught to design layouts, prepare drawings, communicate ideas to clients, and supervise field work employees. First-class training facilities will be available on and off our campus. This course will appeal to you if your interests are in developing a career in landscape, arboriculture, and horticulture fields.

## LAW ENFORCEMENT PROGRAM (1 YEAR)

This course, grounded in the behavioral sciences, has been designed to supplement rather than infringe upon the



established course of study of official Police Colleges. It will help you to understand the 'freedom-security' conflict within our society as it directly affects the police officer. It will consist of an in-depth analysis of the police function and the development of new techniques for coping with police-community problems. Career opportunities exist and are multiplying in police departments. The serious shortage of qualified staff is a matter of concern to officials in the police service across Canada.

## RECREATION LEADERSHIP PROGRAM (2 YEARS)

This course is designed to enable you, through an understanding of human behaviour and varied skills to train in preparation for a position as a professional employment program specialist, facility manager, activity supervisor, and other work in municipal, private or institutional recreation.

Graduates who enter the municipal recreation field of employment, upon written application to the Ontario Department of Education, are eligible to receive an Interim Municipal Recreation Director's Certificate, Type "B".

## REGISTERED NURSE DIPLOMA PROGRAM (2 YEARS)

This program seeks to promote attitudes, knowledge, skills and judgement which will assist you to develop personally and professionally. The program of studies is designed to prepare you for Registered Nurses' certification in Ontario, examinations for which are held at the conclusion of your two-year program at Humber. It has been developed in close co-operation and affiliations with St. Joseph's Hospital School of Nursing, Toronto.

Enrolment is open to students of any ethical and religious persuasion. Throughout the program the College endeavours to provide opportunities for you to find fulfilment in maintaining human dignity and in service to people everywhere.

## RESIDENTIAL COUNSELLOR IN MENTAL RETARDATION PROGRAM (1 YEAR)

A fundamental concept in this training program is a plan to sub-divide mental retardation facilities into new program units, with each unit directing its efforts to a different group of residents having similar needs.

A clear, urgent need exists for trained personnel devoted to the care, understanding, treatment and rehabilitation of mentally retarded persons. Here in Ontario, the Department of Health and Humber College are co-operating to establish a 12-month work-study program to prepare you to achieve the proficiency of the Residential Counsellor Class 1 on graduation. You will find employment in one of the diversified facilities operated by the Ontario Hospital Schools at an attractive starting salary.

## SOCIAL SERVICE ASSISTANTS' PROGRAM (2 YEARS)

A widening area of social service organizations needs trained assistants. Graduates will be in demand with government agencies, welfare organizations, community groups, children's institutions and the social services departments of religious organizations.

Through a problem-solving approach, you are taught the goals and values of social service. The program of studies offers you instruction in the humanities and behavioral sciences, an understanding of people and their motivations, and the theory and practice of social service program administration.

## APPLIED AND LIBERAL ARTS

*In all these programs, you will obtain field practice and on-the-job training to make classroom studies more realistic and meaningful.*

## GENERAL ARTS AND SCIENCE PROGRAM (3 YEARS)

Provides an essential foundation for specialization after graduation, in such fields as teaching, social services, industry, commerce and government.

The curriculum involves you in studies and experiences giving you the freedom and responsibility for your own progress.

English is an obligatory subject and you may select, from a wide range, five of the six subjects necessary to complete the first year program.

You may balance your selection from the humanities, social sciences, languages, mathematics and applied sciences.

There are presently two options in the General Arts and Science Program:

### Journalism Option

Which offers instruction in a field with a growing need for writers, editors and planners for: newspapers, radio and television, magazines and book publishers.

The emphasis in this program is on writing and you will be taught to communicate ideas forcefully and clearly. Specialized skills will also be taught, such as: how to lay out and design a publication; the fundamentals of typesetting and printing; how to edit; how to handle a camera; and the function of advertising in the news media.

The program concentrates on vital subjects in the social sciences and humanities to enable you to understand and interpret our increasingly complex society. You will be expected to write for, and edit, the campus newspaper and to perform actual assignments for local news media.

### Public Relations Option

With the growth in power of public opinion, organizations have an increasing need to remain aware of its nature, and to interpret themselves to their various publics. There should be growing opportunities for public relations technicians with business, industry, government departments, social and welfare organizations and public relations counselling firms.

The program will teach both the "why" and the "how-to." You will be taught to recognize and understand the motivations and dynamics of public opinion.

Communications skills - especially writing - will also be heavily emphasized, since it is important to be able to prepare such material as news releases, handbooks and brochures, radio tapes and motion pictures.

# THESE PROGRAMS IN 1969/70



## BUSINESS

### BUSINESS ADMINISTRATION PROGRAM (3 YEARS)

Business and industry are today prepared to hire promising graduates of Business Administration courses as management trainees. Openings range from retailing positions with department stores to accounting positions with manufacturing industries.

It is the intent of this program to afford young men and women with the capability of becoming management trainees in all types of business and industry. For the first two years you will take a program common to all students, and then in the third year you will pursue a specialty.

The four specialties: Financial Management, Marketing Management, Industrial Management and Institutional Management.

### ACCOUNTANCY PROGRAM (2 YEARS)

Variety in job selections by a graduate with an accounting diploma includes positions in: cost accounting, inventory control, quality control, accounts receivable, accounts payable, and payroll departments.

General principles are taught which will enable the graduate to qualify for further specific training by an employer.

Most professional accounting courses will allow credit towards their own diplomas if you have graduated from Humber College. Thus with further study you should be able to earn professional accounting status within two or three years after graduation.

### DATA PROCESSING PROGRAM (2 YEARS)

As more and more organizations install computers, greater need is expressed for trained technicians and this occupation is considered to have one of Canada's largest growth potentials. You are taught skills necessary to understand the theory and practice of data processing together with related subjects such as mathematics, English and business psychology.

It is considered highly likely that, to students who plan a permanent career in data processing, further study after graduation will lead to continual progress in the work situation.

### SPECIAL COMPUTER PROGRAMMER'S PROGRAM (1 YEAR)

Opportunities exist in exactly the same field described above.

This program, while teaching the same skills as data processing, places direct emphasis on producing graduates who can specialize in the programming area.

Very soon after graduation, you should be in a position to perform effective service within a data processing department.

### MARKETING PROGRAM (2 YEARS)

Graduates are likely to find positions as: sales representatives for retailers, manufacturers and distributors, and as members of marketing divisions (in jobs ranging from the traffic department to the advertising department).

The purpose of the program is to make you aware of the role played by the marketing function in modern industry. Subjects include accounting, advertising, English and psychology with special emphasis placed on the total operation of a business in relation to its efforts to research, develop, manufacture, advertise and sell products which will meet with success in Canadian consumer markets.

### Graphic Arts Marketing Option

The Graphic Arts industry embraces all activities involved in the production of printed materials and includes such areas as paper and ink manufacturing, commercial art, typesetting, binding, the making of plates and of course, printing itself. Examples of Graphic Arts products are, advertising and promotion materials, packaging, books and magazines. The purpose of this course is to create an awareness of the Marketing function as it applies to the Graphic Arts industry.

### SECRETARIAL SCIENCE PROGRAM (3 YEARS)

Every type of organization has a requirement for competent, efficient secretarial help, and today's executive secretary must have a wide variety of skills apart from efficiency as a stenographer.

The program's aim is to teach you the capability of acting as a secretary to any business executive, and emphasis is placed on a wide range of subjects in addition to the direct tools of the craft.

Graduates from this course will probably find themselves for a while in junior positions; but the opportunities for upgrading exist because of vacancies created in top positions by secretaries leaving due to marriage and the raising of families.

### LEGAL SECRETARY PROGRAM (1 YEAR)

The increasing number of law offices throughout Metro creates a continuing demand for good legal secretaries.

Specialized training is given by instructors who are familiar with the particular demands made on the legal secretary and emphasis is placed on the professional terminology and methods of preparing legal documents.

### MEDICAL SECRETARY PROGRAM (1 YEAR)

Hospitals, clinics and doctors' offices create a growing demand for specialized secretarial employees.

Graduates from this program will be qualified to fulfil these specialized requirements and you will receive training in medical terminology, correspondence reports and records.

### SPECIAL COMMERCIAL PROGRAM (1 YEAR)

This program is designed to train competent stenographers of the kind for whom businesses are continually advertising.

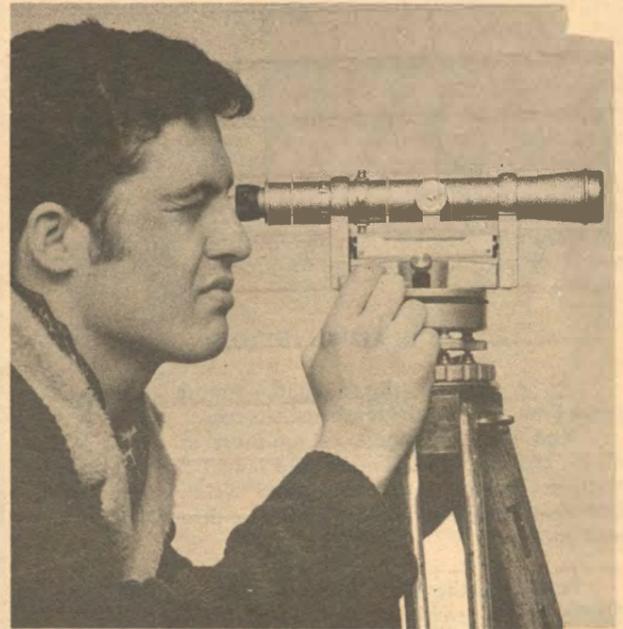
You are taught the necessary skills to apply for a stenographic position from which you will with sufficient practice and increasing competence, be in a position to progress to secretarial work.

### CO-OPERATIVE PROGRAMS (4 Semesters)

Wholesale Administration; Supermarket Management; Retail Merchandising; Life Insurance Administration

These programs, which are unique to Humber College, combine practical work experience with academic studies on an alternative semester basis. This enables companies who sponsor students to encourage capable young people to enter various industries and thereby improve the overall calibre of employees and the supply of potential middle management personnel. For you the student, the work experience adds meaning to your academic studies and provides an excellent total education tailored to the particular industry in which you are engaged.

As a graduate of the program you will have both an excellent business education and a thorough knowledge of the operation of your sponsoring company. These two attributes should enable you to fulfill the responsibilities of a supervisory position. The large number of companies which are involved in the co-operative programs offer an almost limitless number of employment opportunities in a wide number of occupational fields.



The creative arts division offers a basic course plus options according to demand. All commence with the common, 10-week foundation period which offers you a general introduction to studio practices and to drawing, design and modelling.

At the end of this foundation session, you are counselled on your progress and encouraged to select the area of interest for which you are most suited.

## CREATIVE ARTS

### ADVERTISING AND GRAPHIC DESIGN OPTION (2 YEARS)

Advertising and graphic design are applicable to all modern communications media and graduates could find employment with advertising agencies, design studios, photo engraving studios, publishing houses, printing establishments, retailing and industrial companies, magazines and newspapers, motion picture producers and television stations.

The program will develop studio skills and practice and the ability to express, in word and symbol, creative expression of forceful ideas.

Subjects include illustration, typography, materials and processes and specialized art techniques.

### CREATIVE PHOTOGRAPHY AND CINEMATOGRAPHY OPTION (2 YEARS)

There will be an increasing demand for trained, creative personnel in a continually expanding group of industries such as commercial photography, television and motion pictures.

This program teaches you the theory of form and composition, the relationship between light and shadow, and black-and-white and color processes in both still and motion picture photography.

A wide range of technical equipment of the most modern kind will be available for students' practical use.

### ENVIRONMENTAL METAL ARTS OPTION

Metalworking is now largely imported into Ontario and on-the-job training is practically nil. In view of the rapid development of our urban areas, opportunities should be numerous.

This program will prepare you to execute the creative metal art work required by architects and contractors in public buildings, churches, universities, colleges, stores and private residences. Skills taught include the design, presentation and fabrication of creative metalwork and you are given the opportunity to work in steel, bronze, brass, copper, aluminum, silver and gold.

### INTERIOR DESIGN OPTION

Rapid expansion of our cities, accompanied by a growing public desire for well-designed interiors, should lead to increasing opportunities for employment of graduates.

You will learn to analyze living space and apply this analysis to the solution of problems. The program will familiarize you with all materials used in interior design,



# PROGRAMS

Continued from page 5

including textiles, metals, woods and ceramics. You also study the design approached in related areas, such as architecture.

### PAINTING OPTION

While this program is more likely to lead to a career as an individual creative artist, graduates could find employment as illustrators in advertising agencies and commercial art studios.

Oil and watercolour painting are dealt with as serious, creative expressions and you are instructed in the use of other media such as acrylics, casein polymers and collage materials. The program takes in studies of techniques such as lithography, etching and woodblock and linoleum printing.

### SCULPTURE OPTION

As in painting, this program is more suited to the person bent on an individual artistic career.

You learn to appreciate sculpture as a vehicle for serious, creative expression and are taught the processes of armature construction, casting and welding. Practice is given in all sculptural media, from wax through plastics to metal and stone.

Note: All the above two-year courses offer a third, optional year devoted entirely to creative studio work.

## TECHNOLOGY

### ENGINEERING TECHNOLOGY PROGRAM (3 YEARS)

This program presently offers six options, based on a common first year which helps bring all students to a level of training necessary to proceed with the course of their choice.

#### Chemical Technology Option

This program is designed to develop a person with the fundamental scientific and engineering principles and the ability to apply them in the chemical industries. The program as outlined is general but provides a good background for extension into related programs by use of options.

Employment possibilities in this field are particularly good for women as well as men. The Chemical Technologist can be employed in the following functions: research, testing, analysis, quality control, plant equipment supervision, sales, service, etc. Chemistry is utilized widely in industry.

#### Civil Technology Option

Our civil option will provide you with a general knowledge of civil technology. Employment opportunities are in design drafting, construction, inspection, materials control and estimating, sales, and probably supervision and management after considerable experience has been acquired.

The survey option will provide a strong background in both the practical and theoretical aspects of surveying. You will be responsible for carrying out survey projects, under the direction but not necessarily the direct supervision of the professional surveyor. Excellent employment opportunities are available with Ontario Land Surveyors and companies engaged in photogrammetric survey work. Graduates will be eligible for membership in the Association of Certified Survey Technicians and Technologists of Ontario.

#### Electromechanical Technology Option

Since modern Technology involves the application of electrical and electronic control systems for the operation and control of mechanical machinery, it is imperative that an individual with an understanding of both these technologies be developed. Employment opportunities exist in the fields of: nuclear reactor operations, nuclear development work, aeronics instrumentation, production planning, quality control, design drafting, work study, estimating, product development, factory equipment supervision, sales and services.

#### Electronics Technology Option

There are good employment opportunities for trained people in: environmental testing, research and development, manufacturing processes, production and quality control, sales and service, and in teaching.

The Programs outlined in this section are full time, one, two, and three year programs, taught at the Northern and Southern campuses.

For information on these or other programs call

The Registrar's Office,

252-3581

As an electronics technologist, you are trained to assist scientists and engineers in solving conventional technical problems, using established principles and techniques.

#### Industrial Production Technology Option

Employment opportunities exist in the manufacturing and industrial engineering departments of large and medium-sized companies engaged in high volume mass production.

You will be taught problem-solving techniques in the areas of organization, supervision, scheduling, layout, materials handling, packaging and work study. The program is business-oriented with an emphasis on mechanical engineering.

#### Quality Control Technology Option

This program is designed to develop a student who can actively engage on graduation in the quality control and inspection of manufacturing processes and parts and in the use of analytical inspection and Q.C. techniques to assess the product standard. The graduate must have a general appreciation of measurement and testing procedures in order to evaluate the quality of a product. Destructive and non-destructive testing knowledge is definitely a requisite in the training of a Quality Control Technician. The program includes some induction into multiple quality control testing as utilized in establishing conformance of product line to a specification standard and in the newer field of reliability appraisal and Quality Assurance.

#### ARCHITECTURAL DESIGN TECHNICIAN PROGRAM (2 YEARS)

Private and governmental architectural offices are good sources of employment; in addition, persons with architectural drafting knowledge can find employment as field representatives, expeditors, estimators and construction materials salesmen.

The objective to this program is to train students to become highly skilled technical assistants in offices where architectural draftsmen are employed.

#### CIVIL TECHNICIAN PROGRAM (2 YEARS)

The growth of the construction industry has brought with it a corresponding demand for consulting engineers, and it is expected that graduates from this program would find ample opportunities, at the semi-professional level, as assistants to consulting engineers.

The skills taught include the ability to design layouts, prepare drawings, select materials, and perform estimating functions.

#### ELECTRICAL CONTROL TECHNICIAN PROGRAM (2 YEARS)

The electrical industries provide employment for thousands of Canadians each year and graduates from this program could expect to find positions in research laboratories, electrical drafting departments, sales departments or electrical construction.

You receive general background training to provide you with a high level of adaptability, and are taught to apply the theoretical knowledge you acquire to practical situations.

#### ELECTRONICS TECHNICIAN PROGRAM (2 YEARS)

As a graduate of this program, you can find outlets for your services in many engineering and scientific organizations. They include: equipment and component manufacturing, research and testing, electrical power plant operation, sales and service, and maintenance.

The program affords you with a comprehensive background to modern electronic principles. Practical experience in a modern laboratory is a vital part of your tuition.

#### LABORATORY TECHNICIAN PROGRAM (2 YEARS)

There are excellent opportunities for employment of technicians in governmental, institutional and industrial laboratories. Graduates could also find positions in areas such as the sales and service of laboratory apparatus and as salesmen with pharmaceutical companies.

The program's aim is to provide you with a general scientific laboratory background, with a strong emphasis on chemistry, to enable you to adapt to a wide variety of employment opportunities, from research and testing to sales.

#### MECHANICAL DESIGN TECHNICIAN PROGRAM (2 YEARS)

Consulting engineers and manufacturers are in need of trained mechanical draftsmen. Employment could also lead to opportunities as field representatives, estimators, expeditors, assistant designers and salesmen.

The program familiarizes you with the application of design principles and practices, engineering standards, and materials. You are also taught graphical solutions to various engineering problems.

#### TOOL AND DIE DESIGN TECHNICIAN PROGRAM (2 YEARS)

Opportunities in Metro are numerous, in the area serviced by Humber College alone, there are innumerable machine shops as well as an extensive network of light industry.

The program's aim is to teach you to become a specialist in tool and die design, with a firm background in the toolmaking area. You are taught drafting techniques, production methods, quality control, manufacturing costs, tool performance and the use of materials.

#### INSTRUCTIONAL MATERIALS TECHNICIAN PROGRAM (4 Semesters)

Instructional Material Centre specialists are in great demand in all educational institutions such as Colleges and Universities, Television Production, Business, Industry, Government, and Advertising Agencies.



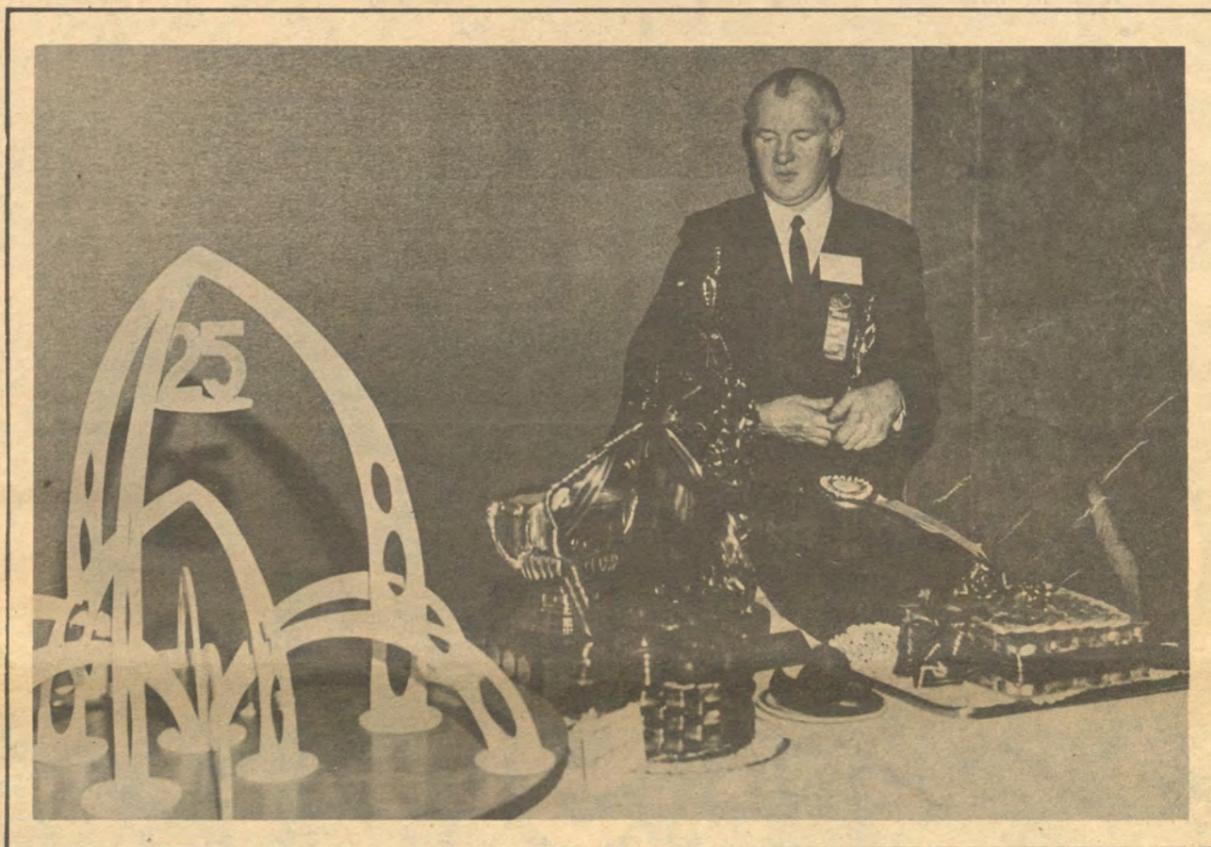
Carol Curnow, first year Painting and Drawing puts learned skills into practice on a landscape painting.



Portrait photography is only one of the facets in the Creative Photography and Cinematography course at Humber. Here Tip-Wai Leung models for photographer Rick Bell.



Angela Fina, sculptress, is an instructor at Humber's Creative Arts program. She is one of many well-known artists and designers who form the faculty of the Division which was established last year.



LATE NEWS . . . . .

Ernst Hofmann, instructor in Humber's food service programs won Golden Chef statuettes for best individual creation and best pulled sugar display at the 1969 Jubilee

Culinary Arts Festival, of the Canadian Restaurant Association.



Carol Wheten, first year Interior Design, admires metal sculpture located in the Creative Arts Division.

## THE LAMP PASSES TO HUMBER

This fall, Humber College will offer a two-year diploma course in nursing. Students will be trained by skilled professional staff, attend stimulating lectures and spend 1½ days each week in a hospital for practical training. They will also enjoy studying within a co-ed setting.

Humber is the first community college in Ontario to offer such a course, and it represents the newest addition to the community service programs.

The college will work in close co-operation with St. Joseph's School of Nursing, Toronto, under the expert guidance of Marilyn Barras. Mrs. Barras has been appointed Director of Nursing at Humber. She taught paediatric nursing at St. Joseph's School of Nursing for four years and was co-ordinator of their

first-year student nursing program.

Nursing training, together with additional studies in such subjects as psychology, English and sociology, will provide the future nurse with the ability to serve the increasing need in hospitals and in the community for well-trained, professional personnel.

Mrs. Barras says the course "seeks to promote within the student, attitudes, knowledge, skills and judgment which will assist both in personal and professional development".

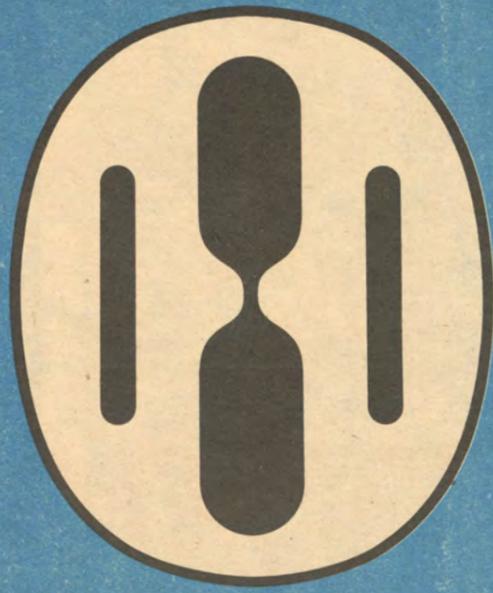
The two-year course will be similar to that presently carried out at St. Joseph's School of Nursing. Students will study in classrooms equipped with closed-circuit television and will spend 1½ days each week at St. Joseph's Hospital for practice in nursing skills.

The program is designed to prepare the student for the Registered Nurse's certificate examinations. Students will be allowed to select one of several nursing options and study it in depth prior to these examinations.

Fred Manson, chairman of the Applied and Liberal Arts Division at Humber College said: "The two-year diploma nursing course is the newest addition to Humber's community service programs presently being offered. It will be an interaction with such other service community programs as early childhood education, social services, recreation leadership, residential counsellor in mental retardation facilities and home economics. We at Humber feel that this program will gain the acceptance of all agencies involved in nursing training and education."

Applications may be made immediately. Prospective students must have Grade 12 with science. Application must be made on the General Application form for Administration to Diploma Schools of Nursing in Ontario. These can be obtained from school guidance teachers, or through the College of Nurses of Ontario. Annual tuition fees are \$185.00 plus the cost of books, uniform and lab fees. The students will be given six weeks summer vacation.

Mr. Manson hopes the nursing course will also be popular with persons of 25 years and over, who would like to return to college. Enrolment requirements for persons in the latter category would be high school graduation only - no chemistry or physics needed, although these subjects will be part of the nursing course.



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