

Degree Courses

PROFESSIONAL & INDIVIDUAL
EXPLORATION (PIE)

*Professional and University
Certificate Programs*

STUDY SKILLS PROGRAMS

FAMILY FUN & FITNESS

PROGRAMS FOR
SHIFT WORKERS

PROGRAMS FOR
OLDER ADULTS

GENERAL
INTEREST
COURSES

BROCK CENTRE FOR THE ARTS

swimming programs

personal and career development

PROGRAMS FOR TEACHERS

1983 FALL & WINTER PART-TIME STUDIES



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The year 2001, as far into the future as it sounds, is but two decades away and lies, I hope, within the life-time of every reader.

As we look to the new century and evaluate the present one, we find two divergent phenomena. On the one hand, the technological advances made in this century far exceed all the previous ones taken together.

Advances in medicine, science, and automation have brought modern miracles far in excess of the dreams of the most imaginative among us.

In bringing these "miracles" about, mankind has changed the nature of human lifestyle and environment. With the advent of medical wonders like immunization, new drugs and heart-lung machines, people live longer and healthier lives. The census and demographic reports tell us that during the next half century, the

number of North Americans 65 years of age and older will double; that by the year 2000, the population over 75 will increase to 45 percent of the older population; and that each day that passes brings a net gain of approximately 1,400 people in the 65 and older population. By the years 2020-2030, one out of every five North Americans will be over 65. Imagine: 20 percent of the entire population will be senior citizens!

Advances in technology, in the form of home appliances, industrial automation, and mass transportation, have created more leisure time, an explosion in information access, and, based on our time zones which we cross in east-to-west travel, an ability to be in two places at practically the same time. Star war technology and moon walks are already behind us. Hamlet reminds us "there are more things in heaven and earth, Horatio, than are dreamt

of in your philosophy."

On the one hand we have moved light years in creating comforts of a quantitative nature. On the other, we have not made even a single quantum leap in enhancing the quality of our lives. The very fact that one talks about enhancement of quality bespeaks of a change in the meaning of the word. Quality, as defined

**"...there are
more things in
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Horatio, than
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your philosophy."**

William Shakespeare

in Webster's *International Dictionary*, is "inherent or intrinsic excellence of character and type; superiority in kind; degree in excellence in grade; caliber; e.g., decline in the quality of students." Words which follow include quality control; quality factor; quality credits — all indicative of superior characteristics.

Today the noun quality almost invariably requires an adjectival modifier: excellent to poor, shabby to indeterminate.

Commitment to quality should produce the finest of products, whether one refers to the hewing of wood, the drawing of water, painting of pictures, providing a service, practicing a profession, writing a book, or administering a program. It connotes that what was done was executed with seriousness of purpose, honesty of intent, and with one's best efforts. Expediency does not necessarily imply shoddiness. *Nihil sine magno labore*, however, reads the motto of Brooklyn College. Nothing without great labor, a motto of great portent for our times."

ALL ABOUT BROCK

N

niagara's neighborhood university

In less than two decades, Brock University has grown to become an intellectual, cultural and recreational centre for the Niagara region.

More than 3200 full time and 4600 part time students are enrolled, year-round, in our undergraduate and graduate degree programs. In addition to comprehensive

studies in the traditional arts and sciences, we offer innovative programs in education, administrative studies, urban and environmental studies, physical education, and child studies.

Degree credit courses are offered during four different sessions: fall/winter day and evening, spring evening, and summer day. In addition, there are general interest courses — in everything from consumer protection to computing — and workshops in professional development. Brock also brings its classes to the peninsula through off-campus teaching centres.

Many people start off by taking one course, part time, just to get a taste of the university learning experience. More often than not, that first course leads to another, and another, and finally a rewarding pass (15 credits) or honors (20 credits) degree program. There is no time limit on undergraduate studies, and certainly no age limit.

The campus

Brock is located in the south end of St. Catharines, on the edge of the Niagara escarpment. The 540 acre campus encompasses some of the region's most inviting trails and countryside. It is within easy commuting distance of all regional centres.

Facilities and services

The main library is one of the focal points of the University. Occupying five floors of the Brock tower, it provides students and faculty with ample research and working space. At last count, the library's collections included more than 600,000 volumes of books, documents, and bound periodicals, and subscriptions to more than 2400 journals, newspapers, and periodicals. There are also a number of separate collections of government documents, reference books, fine arts materials, and rare books pub-

lished in, or dealing with, the Niagara region.

Last year, more than 100,000 people took in the sights, sounds, and entertainments of the Brock Centre for the Arts. The Theatre, Playhouse, Studio, and The Gallery have become showcases for local, Canadian, and international artists, as well as the talents of our own drama and music students.

For the athletically-inclined, the place to be on campus is the Physical Education centre. Facilities include two gymnasias, combatives rooms, fencing and dancing studio, weight and training room, five squash courts, a handball court, and an eight lane, 50 metre swimming pool. Memberships in the centre are open to students, faculty, staff, alumni, and the general public. In the course of the year, Brock plays host to regional school championships, recreational clubs, visiting teams from other nations, and scores of individual enthusiasts. Within the University community, there are well-developed programs for inter-collegiate, intramural, and informal competition.

Tours

One of the best ways to learn all about Brock is to visit the University. Throughout the school year, students are invited to tour the campus and meet informally with faculty and undergraduates. A tour guide is available each weekday at 10 am, although special arrangements can be made if that time is not convenient.

To arrange a tour, please contact the Information and Liaison office, 688-5550, ext. 245.

Speakers' Bureau

The Brock tradition of speaking in the community began in 1811 with Sir Isaac Brock. As a government administrator, he took it upon himself to visit regularly the many communities in Upper Canada, meeting with townspeople and sharing the news of the province and the world.

Today, the Brock University Speakers' Bureau provides speakers for schools, clubs, community groups, and association meetings. In this way, our faculty and staff become more involved with the Niagara community, and the people of the peninsula become better acquainted with us. The topics that our speakers deal with are as varied as the audiences they meet — everything from aging and atomic power to nutrition and international politics.

Requests for speakers should be made well in advance: at least four weeks before the proposed meeting. To learn more about the bureau and how to plan a speaking engagement, please contact the Information and Liaison office, 688-5550, ext. 245.

Book Store

In addition to being the primary source of required and recommended reading materials and textbooks, the Book Store also stocks a wide range of paperback and hardback titles, stationery, magazines, and Brock memorabilia.

During the Fall/Winter term (Tuesday, September 6, 1983 — Friday, April 6, 1984) the Bookstore will be open during the following hours:

Monday to Thursday — 9 am - 7 pm
Friday — 9 am - 4:30 pm

Part Time Programs office

The Part Time Programs department is responsible for the planning and development of part time degree studies and the increasingly-popular general interest courses. The office of Part Time Programs is located in room 263 of the Thistle corridor; office hours are 8:30 am to 4:30 pm, Monday through Friday (closed from 12 to 1 pm). Telephone 688-5550, ext 249/250.

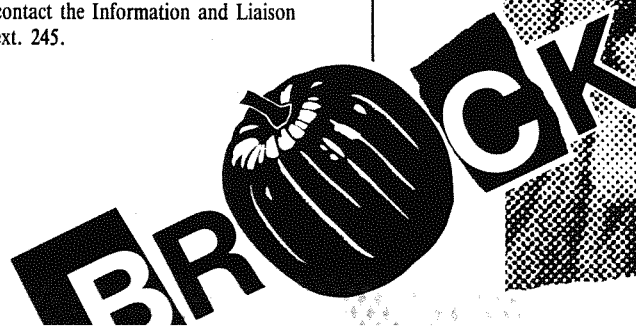
Day care centre

Jane Crips, supervisor
College of Education

The Rosalind Blauer Centre of Child Care offers two programs for children whose parents are Brock students, staff, faculty, or members of the local community. Fifteen children may be enrolled in the full day care program, which includes a hot lunch. Another 40 children participate for half days, either mornings or afternoons.

The centre, located in the College of Education, is a cooperative corporation staffed by three full time teachers, two part time assistants, and parent volunteers.

Fees vary according to ability to pay and number of days the child is enrolled. For further information, call (416) 688-0832.



GENERAL INTEREST

Courses

Introduction

These general interest courses are open to everyone. Designed for personal enrichment and enjoyment, they require no previous experience or academic record.

There are no prerequisites, unless specified in the course descriptions. The programs do not carry 'credit'; they do not lead to certificates, diplomas or degrees. Instead,

they represent an opportunity for those interested in systematic study to do organized reading and writing, and to exchange ideas with instructors and fellow students. Your own interest is all that is needed to ensure success in a course.

Registration

(interest courses only)

You may register as soon as you receive this brochure. Enrol early to be certain of a place, since applications are accepted in order of their arrival.

Registration should be completed at least one week before the first scheduled session of the course.

Registration procedures are flexible: either enrol in person at the office of Part Time Programs, or by mail. To register by mail, detach the registration form provided in this brochure and mail it, together with full fees payable, to Brock University.

For the public's convenience, there will be a special registration period at the Part Time Programs office: Wednesday, September 21, and Thursday, September 22, 1983 from 8:30 am - 7:00 pm.

Fee refunds

Fees are refundable in full only when a course is cancelled. Refunds for other reasons must be requested in writing and received in the office of Part Time Programs prior to the second lecture of the course. All requests for refunds must be accompanied by the receipt. A \$10 administrative charge for handling will be deducted. Non-attendance at classes does not constitute official withdrawal.

Special fees for older adults

Residents of the Niagara region who are 60 years of age or older may purchase an annual membership for a fee of \$35. This fee, covering the period September 1, 1983 to August 31, 1984, would entitle older adults to the following:

- free registration in general interest courses and workshops, provided there are sufficient other paying registrants to make the course viable.
- free Brock University extramural library card on request.
- reduced rates for theatre performances.
- use of the physical education centre and swimming pool on payment of regular fees.

It is hoped that older adults will take this opportunity to enjoy the academic, cultural and recreational resources of the University. To apply for membership, follow the registration procedures for interest courses as outlined above. Please indicate "Special fee for older adults" on the registration form, as well as your birthdate. Once you receive confirmation of your registration by mail, simply telephone the office of Part Time Programs to register for courses.

Please Note:

No general interest courses will be held on Thanksgiving Weekend, Saturday, October 8, Sunday, October 9, or Monday, October 10, 1983.

Description of courses

GEN-02-102

Reading English Literature

Where do you start? How do you go about it? What's involved? What does "reading" mean here? What do you read? Designed to provide some preliminary answers to such questions, this course surveys significant developments in English literature from Chaucer (1340-1400) to Eliot (1888-1965). Through lectures and discussions (regular seminars if numbers permit) students should become familiar with the range and growth of English literature as seen in selected major works and they should begin to develop and value a critical approach to reading. The course should be useful both to those meeting the key works and issues for the first time and to those renewing their acquaintance. Students who think they might like to go on to a formal study for credit would be welcome to submit for comment a short trial essay (1500 words) on a topic acceptable to the instructor. Authors to be covered include: Chaucer; Shakespeare; Milton; Swift; Wordsworth; Browning; Dickens; T.S. Eliot. Required reading: The Norton Anthology of English Literature, 3rd edition (one-volume major authors) \$26.35.

Prof. K. McKay, English/18 Tuesdays/7-10 pm/October 11 - November 29/Fee: \$45

GEN-05-105

Ornithology — Field Identification of Birds

This course will be mainly concerned with the identification of the Fall birds of the Niagara Region. The course will cover basic information on behaviour, habitats, and migration patterns of birds. Changing plumages and molts of

passerines will also be reviewed. Identification techniques will be reviewed in the classroom and applied on the field trips. Orders and species will be reviewed on a weekly basis. Classification, useful terms, field equipment, study technique, feathers, senses, molts, behaviour, habitats and migration patterns will be discussed. The course will give the student some insight into the difficulty of identifying Fall birds of the Niagara Region. Recommended reading: A Field Guide to the Birds East of the Rockies, Roger Tory Peterson, Houghton Mifflin Company.

Drew Campbell/14 Thursdays plus 4 field trips (either the Saturday or Sunday following each class to be determined in class)/7-10 pm/September 29 - October 20/Fee: \$50

GEN-08-108

The Welland Canals: Past and Present in the Modern Landscape

Since 1829, a series of canals have crossed the Niagara Peninsula. These have been extended and improved on several occasions, so that the modern landscape contains both the modern canal and remnants of former systems. These canals, of great historic and modern importance, have created a line of settlement between the two lakes. They have also attracted a considerable volume of industry to the Peninsula, and serve as a focus for recreational activities. This course aims to understand the characteristics of the four Welland Canals and their attendance communities, through time and at the present. It will be co-ordinated and introduced by Dr. John N. Jackson, involve guest speakers with specialised knowledge about the Canals, include audio-visual presentations, and incorporate a one-day field trip along the Canal systems. Lectures will be held at Brock University and externally in resource centres along the Welland Canals. Course topics will include: The Welland Canal: its process of evolution; the Canal as an instrument of landscape change; the modern waterway; audio-visual presentations of past and present Canal circumstances; a one-day field study from Port Dalhousie to Port Colborne; the range and availability of Canal data; ships and shipping on the Canal; the Canal and its future: future prospects. The course objectives are to understand a major landscape feature of the Niagara Peninsula, its past and present contributions to industrial evolution, urban form and regional character, and the Welland Canal as a major Canadian waterway. The probable audience for this course would include residents of the Peninsula interested in canals, including museum groups, historical societies, industries with canal connections, chambers of Commerce and tourist organizations. Recommended reading: The Welland Canals: A Comprehensive Guide, Welland Can. Found. 1982, John N. Jackson and Fred A. Addis, \$9.95. *Prof. J. Jackson, Geography/17* Thursdays plus 1 field trip/7-9 pm/Oct. 6 - Nov. 17/Fee: \$45



GENERAL INTEREST

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EN-10-110

History of Writing and the Alphabet

Where did the alphabet come from? Who invented writing? What do the letters of the alphabet mean? This course will try to answer these questions by tracing the developments of the various ancient systems of writing from the beautiful, artistic, and pictographic hieroglyphs of the ancient

Egyptians and the fascinating, mysterious, and enigmatic wedge-shaped impressions of the cuneiform writings of the ancient Sumerians and Babylonians through the early attempts of alphabetic representation of the Phoenicians, Greeks, and Etruscans into the modern Roman and Cyrillic (Russian) scripts and will conclude with a description and analysis of the International Phonetic Alphabet. Course topics will include: writing as a system of ideas; forerunners of writing; word-syllabic systems; syllabic systems; the alphabet; evolution of writing; modern writings among primitives; monogenesis or polygenesis of writing; writing and civilization; future of writing; the international phonetic alphabet. Students will gain an insight into the problems of the physical representation of language sounds and ideas and a better understanding of the revolutionary impact that writing has had on the development of civilization. This course would appeal to students of English and other languages, both ancient and modern, history, religion, linguistics, communications, and computer science, and also people interested in calligraphy and art. Required reading: *A Study of Writing*, Phoenix Books (P109), University of Chicago Press, I.J. Gelb, \$10.00.

Prof. F. Casler, Classics/6 Tuesdays/7:30-9:30 pm/ Oct. 11 - Nov. 15/Fee: \$35

GEN-12-102

Introduction to French Literature in Translation

We will be reading famous novels of French literature from the Middle Ages to the present day. We start with one of the oldest versions of romantic passion, go on to Rabelais's belly laugh, revert to romance, treated sometimes seriously and sometimes lightly, plunge into crudity, and then find ourselves back with romance in its most idealistic form. This course should improve your con-

versation in English, if not in French. Required reading includes: Beroul "The Romance of Tristan"; Rabelais "Gargantua and Pantagruel"; Mme de Lafayette "The Princesse de Cleves"; Marivaux "The Game of Love and Chance"; Zola "The Earth"; Alain-Fournier "Le Grand Meaulnes". This course will provide an insight into the French national character and outlook.

Prof. B. Bucknall, Romance Studies/8 Tuesdays/7-10 pm/ Oct. 4 - Nov. 22/Fee: \$45

GEN-16-107

Microcomputers in Business

What can a computer do for you? In your business? In your job? In your home? This course will describe, in layman's terms, what a computer can, and cannot, do; give an insight into how we communicate our requirements; and explore some of the more commonly used computer applications. Topics will include: computer concepts and terms: ROM, RAM, MPU, etc., overview of applications, number systems; memories, input/output operations, problem solving: flowcharting; programming in BASIC; numbers, constants, variables; LET, PRINT, READ, DATA, INPUT, GOTO instructions; programming examples; IF . . . THEN, FOR . . . TO . . . STEP, arrays; business applications: word processing, accounting; business applications: visicalc; selection criteria. Required reading: *Your First Computer*, R. Zaks, SYBEX, \$12.00. *M. Cohen/6 Mondays, 7-10 pm/Sept. 26 - Nov. 7/ Fee: \$50*

GEN-16-108

BASIC Computer Programming for Beginners — I

This course will introduce students to micro computer programming in the BASIC language, with applications on the Wang 2200, Apple II+, Commodore PET and TRS-80. Course topics will include: running a micro computer, input and output, numeric and string variables, branching and loops, and singly subscripted variables. The course is designed for persons with little or no knowledge of computing or computer languages and will proceed at a pace that allows for numerous worked examples and explanations of concepts. Those completing the course will be able to write and read simple programs. Required reading: *Instant BASIC*, Edition II, J. R. Brown, dilithium Press, (1982).

Enrolment will be limited.

There are five sections of this course offered as follows:

Section I/6 Wednesdays/7-9 pm/Oct. 5 - Nov. 9

Section II/6 Thursdays/7-9 pm/Oct. 6 - Nov. 10

Section III/6 Mondays/7-9 pm/Nov. 14 - Dec. 19

Section IV/6 Wednesdays/7-9 pm/Nov. 16 - Dec. 21

Section V/6 Thursdays/7-9 pm/Jan. 12 - Feb. 16, 1984.

Please indicate which section you are registering for.

Fee: \$60

GEN-16-109

BASIC Computer Programming for Beginners — II

The course is a continuation of Programming for Beginners — I. Topics include doubly subscripted variables, functions, subroutines, formatted output, magnetic tape and disk files. Those persons completing both parts I and II will have a thorough knowledge of the BASIC language, its techniques and applications. Required reading: *Instant BASIC*, Edition II, J. R. Brown, dilithium Press, (1982).

Prerequisite: BASIC Computer Programming for Beginners — I, or permission of the instructor.

Enrolment will be limited.

There are two sections of this course offered as follows:

Section I/6 Thursdays/7-9 pm/Nov. 17 - Dec. 22

Section II/6 Thursdays/7-9 pm/March 3 - Apr. 7, 1984

Please indicate which section you are registering for.

Fee: \$60

GEN-18-111

National Coaching Certification Program: Level II Theory

The 'coaching of coaches' program continues with an extension of the theory and principles covered in Level I theory. Offering coaches additional information on such topics as leadership, motivation, nutrition and fitness. The constant interaction of participants in groups dealing with issues based upon carefully planned work units allows for a fruitful and exciting interchange of ideas. Again, the course is non-examinable and open to coaches of all sports. A certificate is awarded based upon 100% attendance.

Prof. L. Adams, Physical Education/6 Tuesdays/7-10 pm/Sept. 20 - Oct. 25/Fee: \$10

GEN-18-112

National Coaching Certification Program Level III Theory

The level III theory of coaching course is an in depth review of selected biophysical and psychological issues in sport performance. The course is geared to meet the needs of coaches with strong technical backgrounds in their sports and specifically to those coaches who desire to work with elite athletes at the highest level. Compulsory attendance, successful completion of various progress tests and written assignments are required of all students.

Prerequisites: Level I and Level II Theory of Coaching.

Biophysical issues with *Dr. Lorne Adams/Oct. 27th/*

Nov. 3rd, 10th, 17th, 24th/Dec. 1st

Psychological issues with *Dr. Jan R. Haslam/Jan. 5th,*

12th, 19th, 26th, 1984/Fee: \$10

GENERAL INTEREST

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EN-18-114

Orienteering

Orienteering: are you looking for a different kind of outdoor experience? Are you young, middle aged, older, unfit, fit, single or part of a family or maybe just an other? Orienteering is for everyone! It has direct application to most outdoor enthusiasts and provides a stimulating challenge at whatever level of physical involvement you choose.

Orienteering: what is it? It is an outdoor activity where the participant finds his/her way through the woods, using a map and compass, to find specific features. This course will unravel the secrets of maps. It will develop the skills of people who find maps a mystery. It will introduce you to a lifetime activity. Even for people who are able to navigate well, this activity can provide a new dimension and an exciting alternative. All sessions will be primarily practical, based in Niagara's local parks and woods. The first session will be held at Brock University. Topics will include: introduction to orienteering — what the activity encompasses; maps, symbols and legends — how to decode a map; orienteering basic skills — three easy to learn skills that will get you started; compass — how it works and how it can work for you; variations in orienteering — lots of fun ways to enjoy the woods; more advanced techniques — methods that make finding your way even easier than you might imagine. Each session will build on skills previously learned.

Prof. J. Yardley, Recreation and Leisure Studies/
6 Tuesdays/6:30-9:30 pm/Oct. 4 - Nov. 8/Fee: \$35

GEN-18-115

Are You a Fitness Drop-Out?

If you answered yes to this question, don't fear, 80% of all people that start a fitness program dropout. So you're a member of the majority, but who wants to be like everyone else?

This course will examine many of the reasons why you may have quit your program or factors that are preventing you from getting started. Do any of these reasons sound familiar?

- I just don't have the time.
- I'm too tired when I get home from work.

- I couldn't keep up with the class.
- I never lost any weight!
- I just don't feel like it today.

The course will involve informal discussion on topics related to fitness and motivation and also provide you with an opportunity to try a variety of activities such as racquetball, squash, volleyball, dancercise and weight training. This gives you an opportunity to select an activity you will enjoy the most and that could be your first step to eliminate a problem that stands between you and fitness.

C. Sutcliffe, Physical Education/3 Tuesdays/7-9 pm/
Oct. 4 - Oct. 18/Fee: \$25

GEN-19-100

Basics of Geology

The fundamentals of geology will be presented by use of lectures, slides, blackboard diagrams. Laboratory exercises will be provided for some topics. All notes are provided by the instructor. Course topics include: introduction to geology; minerals and mineral formation; rocks and rock formation; weathering and erosion; folding; faulting; topographic maps; continental drift; glaciation — alpine; and glaciation — continental. Students will gain a general overview of the science of geology, geologic processes and the effect of these processes on the surface of the earth. This course will appeal to the general public, Niagara Peninsula Geologic Society, other mineral collecting clubs, elementary and secondary school teachers.

B. Murphy/10 Mondays/7-9 pm/Oct. 3 - Dec. 12/
Fee: \$35

GEN-19-105

An Introduction to Nuclear Energy

This course will look at the production of electrical energy by nuclear reactors. It will trace the scientific discoveries which lead to the first sustained nuclear reaction in 1942. A layman's view of the Candu, Pressurized Light Water and Breeder reactors will be presented. There will be a discussion of the pro's and con's of nuclear energy. The course will end with a Saturday visit to the nuclear power station at Pickering. Course topics will include: the theory of the atom; the search to find the atom; the atom comes of age - sustained nuclear reaction; the Candu reactor; the Pressurized Light Water and Breeder reactors; the pro's and con's of nuclear energy; visit to a nuclear power plant. This course is intended to introduce the topic of nuclear energy to the layman. It will avoid the mathematics, chemistry and physics of nuclear physics and present the topics in a general fashion using everyday language wherever possible. All notes will be provided by the instructor.

B. Murphy/10 Wednesdays/7-9 pm/Oct. 5 - Dec. 7/
Fee: \$35

GEN-21-102

Decisions for the Great Lakes

The Institute of Urban and Environmental Studies, in cooperation with Great Lakes Tomorrow, a bi-national citizens group, and with the office of Part Time Programs, offers a special course on the Great Lakes to create an informed citizenry.

The Decisions program addresses the inter-related needs of three target groups and of the Great Lakes ecosystem: the public, those agencies with responsibility in the Lakes, and the academic institutions of the Basin with their expertise and educational capacity.

The main objective of the program is to create an informed constituency for the Lakes — a group of citizens who will be oriented to the complex interrelationships of the natural system, the applicable technology, and the institutional factors in the current approaches to management of the Great Lakes system.

Faculty will be drawn from Brock University, local and regional governmental and non-governmental organizations, and from a pool of international experts cooperating with the program. A variety of educational techniques will be used.

There is a selection process and the course will be limited to 30 participants.

Pat Hayes, Course Coordinator/10 Wednesdays/6:30 to 9:30 p.m./Sept. 28 - Nov. 30, 1983/Fee: \$45

GEN-22-104

Aging and the Human Potential

This is another challenging selection of topics on aging following the 1982 series on Vitality and Aging. It is designed to stimulate persons who are working with the elderly and/or all who intend to age creatively themselves. The format consists of small group discussions and informal lectures on the following topics: *Aging and the Social Context* - Betty Oka, MScN and Dominic Ventresca, BA, Administrator of Linhaven; *Retired or Re-careered?*

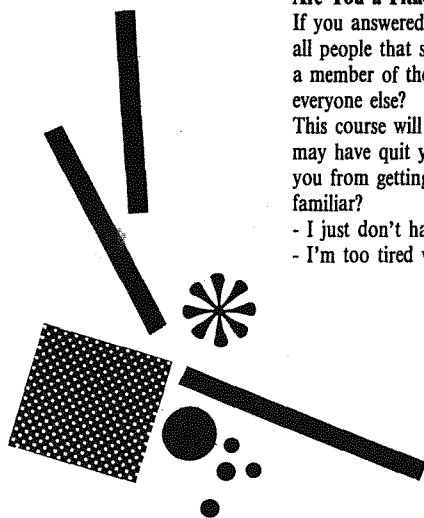
- Christine MacNaughton, BA, LL.B., Bar of Ontario; *Relationships Across the Adult Life Span* - Norah Carlsen, Ph.D.; *Activation and Aging* - Charlotte Sutcliffe, B.PhEd., and Lorne Adams, D.Ed.; *Participating in Your Health* - John Lavery, Ph.D.; *Death — A Developmental Task?* - Beth Meuser, Co-ordinator of Palliative Care, Greater Niagara General Hospital and Father Roger Bonneau, Mount Carmel

6 Wednesdays/7-9 pm/Oct. 5 - Nov. 9, 1983/Fee: \$35

GEN-32-100

Small business seminar

How to get money for your business. How to plan your business, and how to manage it for profit. This is a down-



GENERAL INTEREST

courses

To-earth program dealing with the fundamentals of marketing, accounting, finance and management. Manufacturing, retailing and service operations will be discussed. The small business operator will learn sound guidelines for effective, profitable management. If you are in business at present, the course will teach you the necessary tools of small business management — how to, and how not to, establish effective research and controls. Planning, forecasting and financing assignments will focus on your own business using available textbooks. The goal of the program is success for your enterprise. The sessions will deal with: the company plan; research and selling the product; effective sales and merchandising; setting up the operation and its controls; accounting made easy; the role of finance; where to go for financing; and successful management.

R. Forsyth/16 Saturdays/9 am - 1 pm/Oct. 1 - Nov. 12/
Fee: \$100/

GEN-32-102

Personal Income Tax Preparation

This course will provide some insights into the Canadian Income Tax Act and how to prepare personal income tax returns. Course topics will include income, interest and capital gains, deductions from income, calculation of taxes payable.

A. Young/6 Mondays/7-10 pm/Oct. 3-Nov. 14/Fee: \$35

GEN-92-102

It's your money

This is a self-defense course for consumers, designed to help people make the most of their money when they go into the market-place. The areas of concentration will include: getting and staying out of debt; how to borrow money; consumer credit and the law; basic investments; how to shop for less; how to complain successfully; how to choose life insurance; how to buy a car. The course will appeal to all adults. Recommended reading: *Personal Finance for Canadians*, Kathleen Brown, Prentice Hall Canada, Inc.

W. Wright/8 Mondays/7:30-9:30 pm/Oct. 3 - Nov. 28/
Fee: \$35

GEN-92-104

Wine appreciation

An introduction to wine appreciation. This is a consumer workshop on wine, combining lectures and discussions with wine-tasting and appreciation. Requirements are an interest in, and an open mind to, all wines. There will be an emphasis on finding the best buy for the dollar. Topics will include:.

History: Wine history and classifications, and the traditions of the regions where they originate. Ancient and modern wine-making processes. Basic types and purposes of wines; unique aspects of major wine classifications; and terminologies and glossary of terms for wines.

Geography: The major wine districts of the world. Climate, soil, grape types, production, and viticulture. Unique aspects of the principal wine regions. The important wines of Australia, Canada (Ontario and British Columbia), France, Germany, Hungary and Yugoslavia, Italy, Portugal and Spain, and the United States (California) will be examined — in view of similarities and differences, the socio-economic history of each region, and a profile of the people who dedicate their lives to wine-making.

Storage, selection and serving: Storing, using, selecting, and serving the appropriate wine. The art and science of wine-tasting; comparative tastings. A taste survey of a different country will be made each week.

H. Gras, /8 Mondays/7-10 pm/Oct. 3-Nov. 28/Fee: \$85

GEN-92-105

Speed Reading

The pressures of work in the business and academic worlds demand that people read quickly and efficiently. To meet the needs of people with widely-varying backgrounds, the course is tailored to suit individual needs. The course begins with an assessment of the student's personal reading habits and a careful measurement of reading rate and comprehension. Heavy use is made of modern equipment (controlled reader, tachistoscope, and reading laboratories).

Students are placed in small groups for individual instruction and exercises: comprehension is tested after each exercise, and a special feature of the course is its demand that comprehension keep pace with the increase in the reading speed. A small but vital requirement is that students devote ten minutes each day practising their new speed-reading skills. After completing the course, students can expect to increase their reading skills by a factor of *at least two* or three — an improvement almost always accompanied by increased comprehension and retention. The training is clearly of special value to students or teachers in the humanities and the social sciences.

R. Reed and E. Mayer/9 Mondays and Wednesdays/5-7 pm/
Sept. 12 - Nov. 14/Fee: \$50

GEN-92-110

Understanding the stock market

After inflation and taxes, bonds and debentures in many cases are not providing a safe haven for investment capital. This course will attempt to aid the average individual and advanced investor to invest wisely in the stock and bond markets in Canada and the United States. Areas to be explored will include: how a corporation works, the basic principles; principles of sound investment and sources of information; basic tax considerations; a conservative approach to options; increasing your yield (cash flow) on investments; capital gains through options, both buying and writing; timing investment purchases and sales.

R. Elliott/16 Tuesdays/7-9 pm/Oct. 4 - Nov. 8/Fee: \$50

GEN-92-112

The art of winemaking: a practical workshop

This intensive workshop will explore the art and science of home winemaking. Topics will include the chemistry of winemaking; yeast and bacteria in winemaking; grape selection; bottling and corking techniques; aging and storage; traditional techniques for red and white winemaking; production of wine from grapes and from concentrates — the pros and cons. The course will have special appeal for serious home winemakers and for those contemplating a first attempt at this exciting and tasteful hobby.

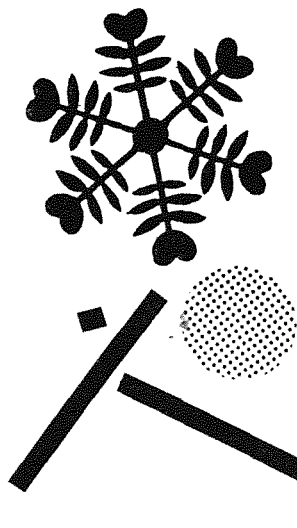
H. Gras, /1 Sunday/9 am - 4 pm/September 18/Fee: \$30

GEN-92-118

The economical food and heat producing solar greenhouse

Conventional greenhouses can be expensive to purchase and often cost in excess of \$1.00 per square foot yearly to heat. Appropriate design can provide an economical structure that is a net heat producer, a producer of food and flowers, and a truly beautiful living area. Imagine basking in sunshine and the aroma of plants and soil in the dead of winter. This course will offer suggestions, based on case studies, of how a homeowner can design, build, and maintain such a greenhouse. Emphasis will be on solar heat gain and biological control methods. Topics will include: design: orientation, shading, solar gain, glazing, shutters, heat storage, ventilation, auxiliary heat; management: light levels, atmosphere, ventilation, watering, containers, mineral nutrients, growing media including hydroponics, insects and diseases, choice of crops, yearly cycles, artificial light.

Joe Umanetz (He has had extensive practical experience in working with solar energy. He farms, teaches and enjoys solar, wind and greenhouse energy in Grey County).
1 Saturday, November 5 and 1 Sunday, November 6/
9 am - 4 pm/Fee: \$75 (includes lunch)



GENERAL INTEREST

courses

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EN-92-126

Re-Entry Mathematics

(Ten 3-hour sessions)

Re-Entry Mathematics is for those who are entering/planning to enter University but whose mathematics background is weak. The programme is *not* suitable for those who already have grade 13 math, nor does it fulfill the grade 13 requirement

for university entrance. It covers material comparable to that covered up to the end of grade 12 mathematics. The program teaches the basic mathematics skills needed for entry into University credit courses in statistics and other mathematics courses required for non-math majors (e.g. Psychology, Business Administration, Geography, Urban and Environmental Studies). While the specific topics depend on students' needs and the results of diagnostic assessment, typically Integers, Order of Operations, Fractions, Per Cent, Algebra, Exponents, Scientific Notation and Roots are covered.

The class environment is informal and highly supportive and instructional methods are chosen to reduce anxiety about math. Since increasing math competence depends on practice, practice sheets are provided and some work between class sessions is advised. Class size is limited to 20. *Linda Gordon, Math Teacher/Thursdays, September 22 - November 24/6 - 9 pm/Fee: \$75 + \$25 deposit (deposit refunded upon completion of post course tests)*

Please Note: Registration for Re-Entry Mathematics is through the Counselling Centre (TH270, ext. 240), ONLY.

GEN-92-135

Word Processing — How To Begin

Today word processing is an important part of the office. The proper utilization of this technology is essential. This course will deal with the many phases and directions of word processing. We will investigate the various aspects of word processing and develop a greater understanding of the concept. Training on word processing equipment is not part of this course. Only an overview on the variety of equipment in the market place will be discussed. Course objectives will be to present in a step by step method the phases of word processing in an office and to develop a

growth pattern for this process that will increase the organization's benefits of this new technology. Course topics will include: introduction, overview and exchange of views; change: announcement, communication, purpose, resistance; orientation: management, secretarial, general; feasibility study; proposal; selling top management; designing a system. Probable audience: managers, supervisors, office personnel involved in the design and/or implementation of word processing. Any industry and professional area that generates written documents.

J. Lucey/6 Mondays/7-9 pm/Oct. 3 - Nov. 14/Fee: \$35

GEN-92-138

International Folk Dancing

We will be doing dances from many countries (Israel, U.S.A., Sweden, Greece, Romania - even Canada!) and of many styles (courtly, boisterous or elegant). No experience necessary; dances will be taught. Men, women or singles welcome; many dances do not require partners. We expect to do, among others: Gie Gordons, Mayim, several Kolos, Syrtos, Pleasures of the Town, Korobushka.

J. Mayberry, Mathematics/10 Thursdays/8-10 pm/Oct. 6 - Dec. 8/Fee: \$35

GEN-92-139

Technical Writing

How should a technical report be organized? How can my report writing become less time-consuming? How can I improve the clarity of my writing? In completing this technical writing course, the student will learn many helpful writing procedures which lead him toward better organization of materials and time as well as improved writing skills.

A few topics covered in the course include audience analysis, information organization, the study of a professional report, business correspondence, time management, and grammar instruction.

R. Borsos/8 Wednesdays/7-10 pm/Oct. 5 - Dec. 7/Fee: \$50

GEN-92-143

Quality Circles and Participative Management

Most enlightened supervisors would like to have their subordinates actively involved in solving problems related to the workplace. Many of those who have tried find the experience frustrating. Over four evening sessions the class will explore the background of participative management, learn what local Niagara region firms are doing in this regard and share experiences. This is an update of the Quality Circles course previously taught by Norm Horofker.

N. Horofker/4 Thursdays/7-10 pm/Oct. 6, 13, 20, 27/Fee: \$35

GEN-92-144

Practical Gemmology

This will be a general course on gemmology designed to enrich the public's understanding and appreciation of precious gemstones and the role of a modern day gemmologist. Course topics will include: diamonds and their romance; important coloured gemstones, i.e. ruby, sapphire, emerald; gemstone identification; precious vs. semi-precious gemstones; definition of appraisal; ethics of jewellery appraisals; classification and application of precious metals. The student will be introduced to gemmology and the gemmologist and what affect his profession has on the modern jewellery consumer. The course will provide an opportunity for students to learn more about their jewellery.

B. Walters/6 Tuesdays/7-9 pm/Oct. 4 - Nov. 8/Fee: \$35

GEN-92-145

Criminal Law for the Lay Person

This course is intended to give the average person a basic understanding of the criminal justice system from breathalyzer to murder; to assist in making sense of what is reported in the media about crime and how the courts deal with it. By reference to some well publicized cases and through open discussion of such topics as capital punishment, victim's rights, police investigations and the impact of the new Charter of Rights on the criminal law overall, participants should expect to acquire a basic knowledge of the workings of the criminal justice process in Canada. Course topics include: introduction to criminal law — or how many ways do we break the law?; police investigations — cops and robbers — how they get their man; the players — judges and lawyers — or who's on first?; the Prosecution; the Defence — how the guilty go free; judges and juries — who decides cases?; the trial — the rules of the game; the verdict — sentencing — are there really winners and losers?; a discussion of selected topics: capital punishment; abortion as crime; victim's rights; The Charter of Rights and Freedoms.

P. Stunt/8 Thursdays/7-9 pm/Oct. 6 - Nov. 24/Fee: \$40

GEN-92-147

Economic Development Planning

Economic development planning is becoming essential as communities look for effective ways of strengthening their existing tax bases within today's constrained economy. The role of an economic development commissioner will be analyzed. The functions of both governmental agencies, such as F.I.R.A., C.S.A., and various Ministries as they relate to economic development will be studied in order to provide an understanding of their role in attracting new investments. Such topics as "does high-tech have a future in

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very community?", "keeping older industrial areas viable", "how communities are dealing with plant closures" and "tourism and its impact on the local economy" will be studied with presentations of case studies by practitioners. Also job opportunity identification will be discussed for those who wish to enter the challenging field of economic development.

Course topics include: background information re economical development — historical perspective; economic development in transition — 1950 — 1990; forms of economic development departments; purpose and importance of an economic development department; tools and techniques used by economic development commissioners; economic, social, political and physical characteristics influencing decision-making; case studies — regional and local practitioners; how do communities deal with plant closures; high-tech and CAD-CAM — the future of high-tech industries; tourism and its impact on local economy. This course will help you to develop a better understanding of what economic development is and its importance in every community. Recommended reading: *Third Wave*, A. Toffler, Bantam, \$4.50; *Megatrends*, J. Naisbitt, Warner, \$15.50.

F. Miele/8 Wednesdays/7-9 pm/Oct. 5 - Nov. 23/Fee: \$40

GEN-92-148

Management concerns and issues

A series of discussion meetings to air and consider problems facing today's managers and supervisors. Films, case studies, simulations, and role playing. Designed to make management and supervision less frustrating and more effective.

Topics for discussion will include Managing for Results, Finding the Best People, Providing Motivation, Communicating Effectively, Delegating Authority, Planning for Profits, and Preparing for the Future.

Each session will offer answers, but its equal purpose is to identify the causes of low productivity in the current work environment. The emphasis will be on "learning by discovery" and each participant will be encouraged to share his/her successes/failures with the rest of the group. The meetings are primarily aimed at management and

supervisory people in commerce, industry, or government. They could also be useful to Business students and people who expect promotion in the foreseeable future.

D.S. Pollock (a freelance teacher and consultant)

7 Fridays/7-10 pm/Oct. 14 - Nov. 25, 1983/Fee: \$75

GEN-92-149

Superhealth: Mind/Body/Spirit Health Management

CAUTION: Your lifestyle may be hazardous to your health. This course is a revised, updated version of the popular Body/Mind Health Management course. We can learn to integrate our body/mind/spirit to achieve superhealth. Participants will discover a personal prescription for unlocking their hidden potential and leading a successful healthy life. The latest techniques in fitness, nutrition, stress management, self-awareness, creative visualization and holistic health will be explored. Course topics include: your lifestyle may be hazardous to your health; destructive lifestyle habits; integrating the body/mind/spirit; stress management; power of your mind; fitness; nutrition; emotions and your health; communications and your health; goal setting. Participants will discover a personal prescription for optimal performance in all areas of their lives.

S. Montgomery/8 Tuesdays/7-9 pm/Oct. 4 - Nov. 22/Fee: \$40

GEN-92-150

Think Thin: An Answer For Permanent Weight Control

You can think yourself thin. Learn to see yourself as slim and fit. This is a self-awareness workshop designed for those who are not satisfied with their present weight. The focus is to stop watching weight and to redirect that energy into getting what you want out of life. Sound nutritional principles will be emphasized. Through the use of discussion, self-awareness exercises, deep relaxation, visualization and positive self-talk, you will develop a positive change in self-image and your relationship to food. Course topics include: personal advantages to being fat; personal disadvantages to being fat; how being thin will change our lives; positive self talk (thinking thin), nutritional sense; seeing ourselves thin and fit. A student will gain an awareness of why he/she has a conflict with self-image. Sound nutritional information is emphasized. This course will appeal to anyone who is obsessed with eating or not eating, has a history of "yo-yo" weight loss or is frustrated with their present weight.

S. Montgomery/1 Saturday/9 am - 4 pm/Oct. 15/
Fee: \$30 (includes lunch)

Planning your retirement

The Regional Niagara Pre-Retirement Council, in cooperation with the office of Part Time Programs, offers a course in retirement planning.

If you are thinking of retiring, now is the time to start thinking of the many changes that will take place in your lifestyle. We recommend that you begin planning at least

five years before retiring. Our resource people, all well-qualified, provide information and advice on such matters as:

- what leisure activities you should consider
- federal and provincial benefits
- handling your money (budgeting, etc.)
- legal matters, including consumer protection
- where to live (type of locality and home, etc.)
- taking care of your health
- the deeper aspects of living

We recommend that both wife and husband attend.

Course details

When: Separate courses will be held on Tuesday or Thursday evenings for nine sessions, from 7:45 - 9:45. The fall courses begin Tuesday, September 27 and Thursday, September 29, 1983.

Where: The course is held at Brock University (main campus), St. Catharines.

Fees: 1983 - \$20 single, \$30 couple.

How to apply: You may apply in person or by letter to the Part Time Programs office, Thistle 263, Brock University, St. Catharines, Ontario L2S 3A1. We require your name (and spouse's name), address (including postal code), telephone number, and preferred evening for the course. **For more information:** Contact the Part Time Programs office, (416) 688-5550, ext. 249/250.

GENERAL INTEREST

courses

CERTIFICATE

programs

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certificate programs

For persons wishing to acquire specialized knowledge without proceeding immediately to a degree, the University has established certificate programs in computer science and information processing and urban and environmental studies. Since the programs are composed of degree credit courses, admission re-

quirements are the same as for degree programs. Details appear in the relevant department entries of the calendar.

Professional certificate courses

Brock University offers a number of certificate courses in co-operation with professional associations whose designation is granted at the successful completion of the program.

For some of the programs, students will register for regular degree credit courses at the University. Credits obtained are then applied to the certificate or designation awarded by the professional association. Students intending to register in the following programs must apply for admission to both Brock University and to the association concerned.

Certificates requiring application to Brock University and to the professional association

Appraisal Institute of Canada Canadian Resident Appraiser (CRA); Accredited Appraiser of the Canadian Institute (AACI); Institute of Chartered Accountants of Ontario (CA); Fellows Program of the Canadian Credit Union Institute (FCCUI); Institute of Certified Administrative Managers of Ontario (CAM); Fellows Program of the Institute of Canadian Bankers (FICB); Fellows Program of the Insurance Institute of Canada (FIIC); Fellows Program of the Real Estate Institute (FRI); Fellows Program of the Trust Companies of Canada (FTCI).

Information brochures for these programs may be obtained from the office of Part Time Programs or from the Registrar's office.

Certificates requiring application to the professional association; no application is made through Brock University

Program of the Association of Certified General Accountants (CGA); Program of the Canadian Institute of

Management (CIM); Society of Management Accountants (RIA).

Information brochures for these programs may be obtained from the office of Part Time Programs or from the Registrar's office.

Swimming Programs

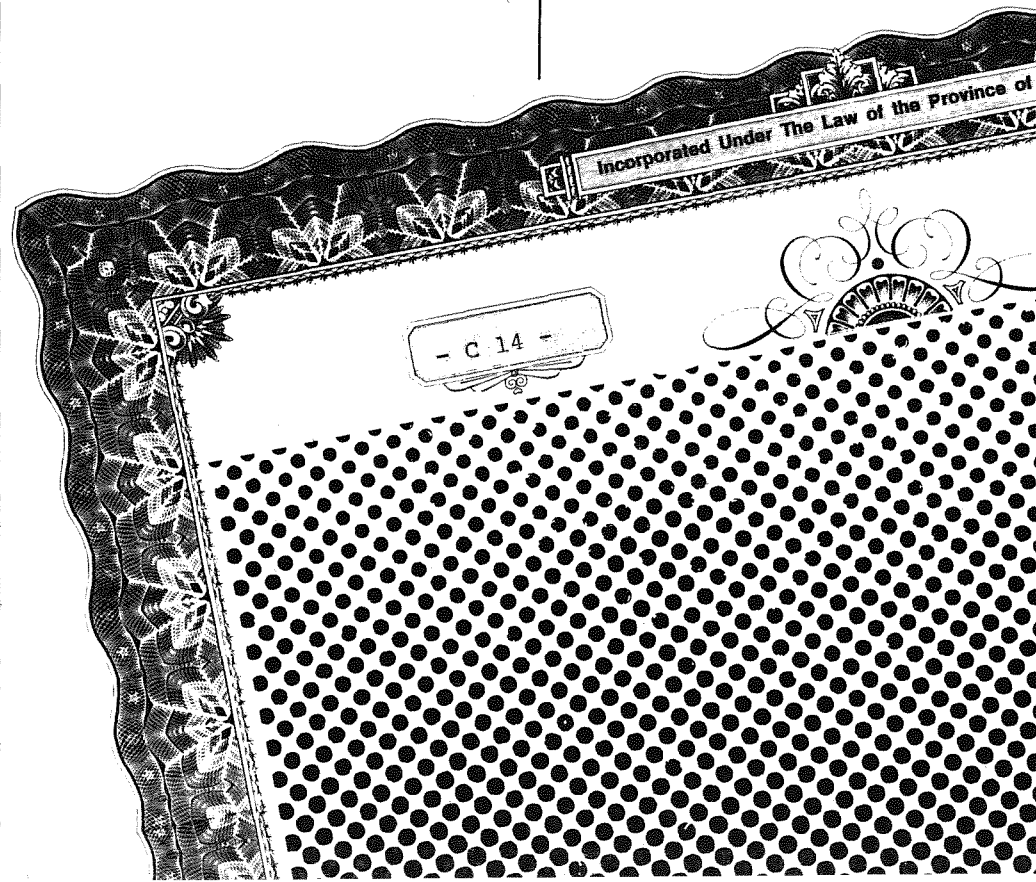
The Aquatic Centre offers a variety of programs for adults and children. Sessions will begin the end of September and run for approximately three months. Courses offered and corresponding time schedules will be advertised in the local media. Registration will be held Wednesday, September 21st at 6:00 p.m. at the Physical Education Centre.

PUB NIGHTS

BROCK UNIVERSITY PART-TIME STUDENTS ASSOCIATION PRESENTS A SERIES OF PUB NIGHTS TO BE HELD IN THE FACULTY CLUB, 13 FLOOR, BROCK TOWER ON THE FOLLOWING DATES:

Thursday	September 29th	at 9 pm
Wednesday	October 19th	at 9 pm
Tuesday	November 15th	at 9 pm
Monday	December 5th	at 9 pm
Monday	January 30, 1984	at 9 pm
Tuesday	February 14, 1984	at 9 pm
Wednesday	March 14, 1984	at 9 pm
Thursday	April 5, 1984	at 9 pm

All students are welcome to attend after class for an evening of socializing with their fellow students.



DEGREE CREDIT

course offerings

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art time studies at Brock

This section introduces you to the degree credit courses offered to students during our winter evening session. Through this session, the University provides persons who are unable to attend university full time during the day with an opportunity to resume or continue their studies. But we also wish to point out to

those who are able to attend during the regular day session that you may do so on either a part time or full time basis. The regular session opens up a whole new spectrum of courses which it is not possible to offer during the evening session.

Faculty teach all of our courses and can't possibly repeat every single subject. So, if you cannot identify something of interest from our ample part time evening offerings, please write to us for a complete catalogue of courses. You will find everything from anatomy to urban studies, and many other interesting courses in between — such as chemistry and the environment, classical archaeology, creative writing, human sexuality, the political culture of French Canada, Canadian nationalism, music today, drugs and behavior, issues in Canadian society, and many, many more.

What is a Part Time Student?

A part time student is a person taking three full courses or less per academic session. Courses may be taken either during the day or evening.

Admissions

Applicants for part time study must complete an *Application for admission to part time studies* form which is available in this brochure. All applicants are responsible for ensuring that the required supporting documents, such as records of high school marks and previous university or college work, are filed. Those applicants not meeting the normal admission requirements may wish to consider applying under one of the following categories.

Mature students

Applicants who have been out of school for at least two years may be admitted as mature students. Such applicants will be considered by the Senate committee on admissions

on an individual basis and may be required to attend an interview or write an aptitude and achievement test.

Teachers holding a permanent Ontario teaching certificate and nurses holding an Ontario RN will normally be admitted to year 1 programs as mature students.

Special admission to undergraduate studies

A special student is one not proceeding toward a Brock University degree. Typically, special students are: (a) persons already holding a degree who wish to take courses for interest or upgrading purposes; (b) persons who wish to take courses in a particular area without obtaining either a degree or a certificate; or (c) persons from another university taking courses on a letter of permission.

Special students who successfully complete a minimum of two full courses, or the equivalent, may apply for admission as degree or certificate candidates. Such applications will be considered by the Senate committee on admissions on an individual basis, and degree or certificate credit may be given for work done. Permission of the Dean is necessary for a special student to take more than 1 course in each session.

Senior citizens (age 60)

Senior citizens 60 years of age and older may be permitted to enrol in a course without payment of the regular tuition fee.

Applications for admission should be made in the normal manner.

Registration dates and times

Registration for all new and part-time returning students will take place in the Physical Education Centre according to the following schedule:

Date: Wednesday, September 7, 1983 (for courses offered Monday and Wednesday).

	Surname	
<i>Times:</i>	A - G	3:30-4:00 pm
	H - L	4:00-4:30 pm
	M - P	4:30-5:00 pm
	Q - S	5:00-5:30 pm
	T - Z	5:30-6:00 pm

Date: Thursday, September 8, 1983 (for courses offered Tuesday and Thursday.)

	Surname	
<i>Times:</i>	A - G	4:30-5:00 pm
	H - M	5:00-5:30 pm
	N - Z	5:30-6:00 pm

Note: Students registering for two courses this session must register on Wednesday, September 7, 1983.

Registration for Second Term Half Courses.

Registration for second term half courses must be completed at the time of fall registration.

Late Registration (on payment of \$25.00 late registration fee)

Where: Registrar's Office - beginning on Monday, September 12, 1983.

Special Note: Courses will be selected at time of registration. Please bring your Notice of Admission with you.

Classes Begin

Winter day and evening classes begin Wednesday, September 7.

Fees

Fee per full course — \$232.50. Fee per half course — \$116.25. Late registration fee — \$25 (chargeable to any student who registers after the official registration day.)

For further information

Contact the Registrar's office, Brock University, St. Catharines, Ontario L2S 3A1. (416) 688-5550, ext. 442.



1983/84 WINTER EVENING

course offerings

Legend

tba instructor to be announced

tbs to be scheduled; see department

hc half course

a half course, September 7 - December 6, 1983

b half course, January 3 - April 6, 1984

full course - September 7, 1983

- April 6, 1984

examinations - progress exams

and fall term half course

final exams - December 7 - December 22, 1983

finals exams - April 7 - April 24, 1984

Note: courses which have seminars, tutorials and/or labs may start at 6 pm. Seminars etc. may be assigned at registration or during the first lecture.

Administrative Studies

ACTG 253a/Introduction to financial accounting (formerly ADMI 253hc)

An introduction to the fundamental concepts of financial accounting as related to the balance sheet, income statement, and statement of changes in financial position. A study of the problems of income determination, asset and equity measurements, and analysis of financial statements. (Not open to students with credit in ADMI 253hc.)

Lectures, tutorial, 3 hours per week / *Adams* / Mon 7-10 pm

ACTG 253b/Introduction to financial accounting (formerly ADMI 253hc)

An introduction to the fundamental concepts of financial accounting as related to the balance sheet, income statement, and statement of changes in financial position. A study of the problems of income determination, asset and equity measurements, and analysis of financial statements. (Not open to students with credit in ADMI 253hc.)

Lectures, tutorial/3 hours per week / *Young* / Mon 7-10 pm

ACTG 254b/Introduction to management accounting (formerly ADMI 254hc)

An introduction to accounting for managerial decision-making, including relevant data, various cost accounting systems, and break-even analysis.

Prerequisite: ACTG(ADMI) 251hc or 253hc. (Not open to students with ADMI 254hc credit.) Lectures, tutorial, 3 hours per week / *Engert* / Mon 7-10 pm / *Hanna* / Tues 7-10 pm

ACTG 353a/External auditing I (formerly ADMI 353hc.) Basic concepts of external auditing (public accounting) embracing the following topics: the role of public accounting; professional and legal responsibilities of auditors; audit evidence; audit program planning; sampling for audit evidence; diagnostic analysis; principles of internal control; evaluation of internal control (and audit reports).

Prerequisite: ACTG(ADMI) 253hc/254hc and ADMI 350 or ACTG(ADMI) 356hc/357hc which may be taken concurrently. Lectures, 3 hours per week / *Fenton* / Mon 7-10 pm

ACTG 354a/External auditing II (formerly ADMI 354hc) This course builds on ACTG(ADMI) 353hc. It introduces the student to additional audit topics, re-examines some in greater detail, and provides opportunities to grapple with audit problems in workshop sessions. The topics dealt with will include the following: professional and legal responsibilities; auditing in an environment of EDP; audit testing; statistical sampling; audit strategy; development of audit programs; working paper files; audit review; and reservations in the auditor's report.

Prerequisite: ACTG(ADMI) 353hc. (Not open to students with credit in ADMI 354hc.) Lectures, 3 hours per week / *Edds* / Thur 7-10 pm

ACTG 355a/Advanced management accounting (formerly ADMI 355hc)

An examination of the uses of accounting data for management needs, including cost determination, planning and control, cost allocation, and measuring divisional performance.

Prerequisite: ACTG(ADMI) 254hc. (Not open to students with credit in ADMI 351hc or 355hc.) Lectures, tutorial, 3 hours per week / *Hanna* / Tues 7-10 pm

ACTG 356a/Intermediate financial accounting I (formerly part of ADMI 350/356hc)

This is the first semester of intermediate financial accounting. A study of the objectives of financial statements, including the theoretical measurement of income as well as the accounting measurement and disclosure of assets.

Prerequisite: ACTG(ADMI) 253hc/254hc. (Not open to students with credit in ADMI 350 or 356hc.) Lectures, 3 hours per week / *Hanna* / Wed 7-10 pm

ACTG 357b/Intermediate financial accounting II (formerly part of ADMI 350/357hc)

An intermediate financial accounting course which considers measurement and reporting problems relating to liabilities and equities and an examination of alternative accounting models.

Prerequisite: ACTG(ADMI) 356hc. (Not open to students with credit in ADMI 350 or 357hc.) Lectures, 3 hours per week / *Hanna* / Wed 7-10 pm

ACTG 451a/Canadian income tax (formerly ADMI 451hc) Theories of taxation. Corporate and personal income tax computation, assessment, payment, and appeals; taxation of non-residents; tax conventions; tax provisions applying to special circumstances and causes; tax planning.

Prerequisites: ADMI 350 or ACTG(ADMI) 356hc/357hc. (Not open to students with credit in ADMI 451hc.) Lectures, 3 hours per week / *Grand* / Tues 7-10 pm

ACTG 452b/Advanced accounting problems (formerly ADMI 452hc)

Inter-corporate investments, preparation of consolidated financial statements, foreign currency translation, estate and trust accounting, bankruptcy, liquidation, receivership and municipal accounting.

Prerequisites: ADMI 350 or ACTG(ADMI) 356hc/357hc. (Not open to students with credit in ADMI 452hc.) Lectures, 3 hours per week / *Adams* / Mon 7-10 pm

ACTG 453a/Advanced accounting theory (formerly ADMI 453hc)

A seminar course designed to aid students in understanding the objectives and uses of financial accounting information, and the environment in which financial accounting operates. Topics include: accounting theory construction, objectives of external reporting, setting accounting standards, GAAP, current value accounting, the implications of efficient market research for accounting, the impact of accounting regulations and the positive theory of accounting. Prerequisites: ADMI 350 or ACTG(ADMI) 356hc/357hc, FNCE(ADMI) 392hc/393hc. (Not open to students with credit in ADMI 453hc.) Seminar, 3 hours per week / *Brown* / Mon 4-7 pm

FNCE 392a/Introduction to finance I (formerly ADMI 392hc)

The role of the finance function in the business environment is introduced. Students are exposed to criteria used in making investment decisions, risk concepts, and the valuation of assets. Specific topics include: financial analysis, forecasting, and leverage; the theory of interest; valuation and capital budgeting.

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rerequisites: ECON 191hc/192 hc or 190, MATH 198hc, ACTG(ADMI) 253hc. (Not open to students with credit in ADMI 392hc.) Lectures, seminar, 3 hours per week/*Butko*/Tues 7-10 pm

FNCE 393b/Introduction to finance II (formerly ADMI 393hc)

Drawing upon the material covered in FNCE(ADMI) 392hc, students are intro-

duced to criteria used in financing decisions. Specific topics include: the cost of various sources of capital, hybrid securities, capital structure, dividends, leasing, and working capital.

Prerequisites: FNCE(ADMI) 392hc. (Not open to students with credit in ADMI 393hc.) Lectures, seminar, 3 hours per week/*Butko*/Tues 7-10 pm

FNCE 404a/Investment analysis (formerly ADMI 404hc)

The financial instruments frequently traded in organized securities markets are studied in terms of their risk and return implications for the issuer and owners. Valuation models for these securities are critically reviewed. Alternate investment strategies are explored in terms of appropriate portfolios of securities for various individual and institutional investors.

Prerequisites: FNCE(ADMI) 392hc/393hc. (Not open to students with credit in ADMI 404hc.) Lectures, 3 hours per week/*Wright*/Thurs 7-10 pm

FNCE 406b/Financial theory (formerly ADMI 406hc)

The theoretical basis for the financial decisions of individuals and business firms is explored. Of particular interest are those decisions involving the valuation of fixed assets and marketable securities. These and related decisions are reviewed under conditions of certainty and uncertainty and in the context of perfect and imperfect capital markets.

Prerequisites: FNCE(ADMI) 392hc/393hc. (Not open to students with credit in ADMI 406hc.) Lectures, seminar, 3 hours per week/*Engert*/Fri 4-7 pm

MGMT 191a/Introduction to business (formerly ADMI 191hc)

This is primarily a survey of the five basic business functions: marketing, production, accounting and finance, per-

sonnel, information processing. Students are also introduced to the basic concepts of organizing, forms of business enterprises and the need for common goals and objectives in organizations.

(Not open to students with credit in ADMI 191hc.) Lectures, seminar, 3 hours per week/*Edds*/Tues 7-10 pm

MGMT 192b/Introduction to management (formerly ADMI 192hc)

The role of the manager within the organization is examined, with particular emphasis on the basic functions of planning, organizing, staffing, directing, and controlling.

Prerequisite: MGMT(ADMI) 191hc or permission of instructor. (Not open to students with credit in ADMI 192hc.) Lectures, seminar, 3 hours per week/*Thomas*/Tues 7-10 pm

MGMT 194b/Computing for administrative studies

(also offered as COSC 194hc) (formerly ADMI 194hc) Designed for students in administrative studies. Introduction to computer organization; problem analysis and flowcharting; the elements of a programming language; simple file manipulation; a survey of computer packages as management decision-making tools.

(Not open to computer science major or combined major students.) (Not open to students with credit in ADMI 194hc.) Prerequisite: MATH 198hc or an equivalent mathematics credit. Lectures, 3 hours per week/*McCarthy*/7-9 pm + Lab

MGMT 240a/Commercial law (formerly ADMI 240hc)

An introduction to the basic legal considerations for the business organization.

(Not open to students with credit in ADMI 240hc.) Lectures, 3 hours per week/*Reid*/Wed 7-10 pm/or/*Hopkins*/Wed 7-10 pm

MGMT 240b/Commercial law (formerly ADMI 240hc)

An introduction to the basic legal considerations for the business organization.

(Not open to students with credit in ADMI 240hc.) Lectures, 3 hours per week/*Reid*/Wed 7-10 pm

MGMT 320/Public administration (also offered as POLI 351) (formerly ADMI 320)

A study of the theory and practice of public administration, with particular reference to Canada.

(Not open to students with credit in ADMI 320.) Lectures, seminar, 3 hours per week/*Clarke*/Thurs 7-10 pm

MGMT 330a/Production management (formerly ADMI 330hc)

An introduction to the production process. Emphasis is placed on manufacturing as a system; the man-machine function in attaining productivity will be examined.

Prerequisites: MATH 198hc and either MATH 260hc or ECON 290hc. (Not open to students with credit in ADMI 330hc.) Lectures, seminar, case discussions, 3 hours per

week/*Perdue*/Mon 7-10 pm

MGMT 331b/Operations management (formerly ADMI 331hc)

This course is an extension of production management. It provides a detailed examination of the production control process. Emphasis is given to systems analysis in production planning and scheduling, inventory control, and quality control techniques using linear planning and simulation.

Prerequisite: (MGMT) ADMI 330hc. (Not open to students with credit in ADMI 331hc.) Lectures, seminar, 3 hours per week/*Perdue*/Mon 7-10 pm

MGMT 341a/Organizational behavior (also offered as SOCI 341hc) (formerly ADMI 341hc/SOCI 344hc)

Basic concepts, theory, and research on the behavior of individuals and groups in organizational settings, including: individual motivation, inter-personal relations, leadership, group process and dynamics, and other topics at the 'micro' level of analysis.

(Not open to students with credit in ADMI 341hc.) Lectures, 3 hours per week/*TBA*/Wed 6-9 pm/or/*TBA*/Thurs 6-9 pm

MGMT 342b/Organizational theory (also offered as SOCI 342hc) (formerly ADMI 340hc/SOCI 343hc)

Basic concepts, theory, research and methodology from the social and behavioral sciences relevant to the study of formal organizations. Classical organization and management theory, early human relations and systems approaches, organizational goals, power, planned organizational change. (Not open to students with credit in ADMI 340hc.)

Lectures, 3 hours per week/*TBA*/Wed 6-9 pm/or/*TBA*/Thurs 6-9 pm

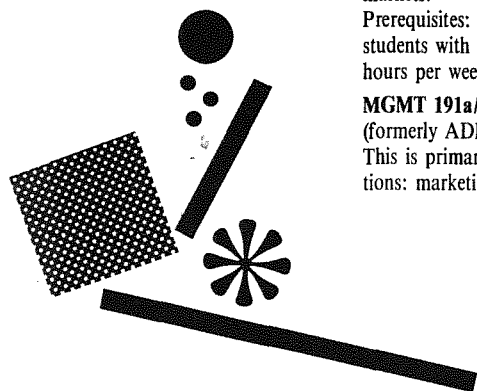
MGMT 421/Public sector management (also offered as POLI 452) (formerly ADMI 421)

An integration and expansion of the student's knowledge about the theory and practice of public policy and management. Special emphasis is placed on comparing public administration with business administration and on government-business relations.

Prerequisite: MGMT(ADMI) 320. (Not open to students with credit in ADMI 421.) Seminar and case discussions, 3 hours per week/*Kernaghan*/Thurs 7-10 pm

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MGMT 462a/Personnel administration (formerly ADMI 462hc)
Manpower recruitment, selection and training, wage and salary administration, and the design and administration of benefit programs.

Prerequisite: MGMT(ADMI) 341hc; and ADMI 340hc or MGMT(ADMI) 342hc. (Not open to students with credit in

ADMI 462hc.) Lectures, seminar, 3 hours per week / *Levanoni*/Mon 7-10 pm

MGMT 463b/Labor relations (formerly ADMI 463hc)

Labor organization in Canada, labor legislation, union structures, contract negotiation, mediation, arbitration and administration of collective agreements.

Prerequisite: MGMT(ADMI) 341hc; and ADMI 340hc or MGMT(ADMI) 342hc; MGMT(ADMI) 462hc. (Students may take MGMT 462hc concurrently.) (Not open to students with credit in ADMI 463hc.) Lectures, seminar, 3 hours per week / *TBA*/Tues 6-9 pm

MGMT 470a/The development of trade unionism (also offered as SOCI 351hc) (formerly ADMI 470hc)

The emergence, growth, and maturity of trade unions in modern industrial societies. Why strikes occur, ethnicity and industrial conflict, militant trade unions and alienation are among the topics to be covered.

(Not open to students with credit in ADMI 470hc.) Lectures, seminar, 3 hours per week / *Glenday*/Mon 7-10 pm

MGMT 471b/International industrial relations (also offered as SOCI 352hc) (formerly ADMI 471hc)

Role of multinational corporations, international organizations (European Economic community, EEC; Organization of Petroleum Exporting countries, OPEC) and levels of government in affecting major decisions on conditions of work, economic growth, collective bargaining and related matters in industrial relations.

(Not open to students with credit in ADMI 471hc.) Lectures, seminar, 3 hours per week / *Glenday*/Mon 7-10 pm

MGMT 472a/Legal issues in labour relations (formerly ADMI 472hc)

Federal and provincial statutes governing certification, negotiation, conciliation and arbitration, unfair labor/management practices, jurisdiction and control of trade labor unions and other employee collectives. Common law effects on management action. Canadian and Ontario Labor Relation Boards' practices.

(Not open to students with credit in ADMI 472hc.) Lectures, seminar, 3 hours per week / *Werner*/Thurs 7-10 pm

MKTG 322a/Basic marketing (formerly ADMI 322hc)

This course is an introduction to the marketing process. It deals with the role of marketing in society, environmental factors affecting the marketing process, consumer behavior, and the unique features of the Canadian market.

(Not open to students with credit in ADMI 322hc.) Lectures, seminar, 3 hours per week / *Broderick*/Mon 7-10 pm

MKTG 324b/Marketing management (formerly ADMI 324hc)

An introduction to management of the marketing process. Each of the elements of the marketing mix is examined in detail along with their interrelationships.

Prerequisite: MKTG(ADMI) 322hc. (Not open to students with credit in ADMI 324hc.) Lectures, seminar, case discussions, 3 hours per week / *Broderick*/Mon 7-10 pm

MKTG 423b/Marketing communications (formerly ADMI 423hc)

An examination of the major management problems which arise in the formulation, implementation and evaluation of programs in the areas of advertising, selling, and related sales promotional activities.

Prerequisites: MKTG(ADMI) 322hc/324hc. (Not open to students with credit in ADMI 423hc.) Lectures, seminar, case discussions, 3 hours per week / *Rotenberg*/Wed 7-10 pm

MKTG 425a/Marketing policy (formerly ADMI 425hc)

An advanced course in marketing emphasizing the executive role in developing and applying market strategies. Computer simulation is employed to acquaint the student with problem-solving and managerial decision-making in applying marketing strategies.

Prerequisites: MKTG(ADMI) 322hc/324hc. (Not open to students with credit in ADMI 425hc.) Lectures, seminar, 3 hours per week / *Comerford*/Thurs 6-9 pm

MKTG 425b/Marketing policy (formerly ADMI 425hc)

An advanced course in marketing emphasizing the executive role in developing and applying market strategies. Computer simulation is employed to acquaint the student with problem-solving and managerial decision-making in applying marketing strategies.

Prerequisites: MKTG(ADMI) 322hc/324hc. (Not open to students with credit in ADMI 425hc.) Lectures, seminar, 3 hours per week / *Comerford*/Thurs 6-9 pm

MKTG 428b/Retailing (formerly ADMI 428hc)

The course focuses on the managerial role affecting retailing decisions. It examines the institutional structure of retailing, its past and probable future pattern. It is expected students will master the numerous decision areas facing retailing managers and that they will become familiar with a frame of thought for dealing with them. Prerequisites: MKTG(ADMI) 322hc/324hc. (Not open to students with credit in ADMI 428hc.) Lectures, seminar, 3 hours per week / *Yannopoulos*/Mon 7-10 pm

Asian Studies

ASIA 190/Introduction to the civilizations of Asia (formerly ASIA 102)

An interdisciplinary introduction to the peoples, cultures and traditions of India, South-east Asia, China and Japan. Topics include history, philosophy and religion, art, politics, economic development and social customs. (Not open to students with credit in ASIA 102.) Lectures and seminars, 3 hours per week / *Meeker et al*/Tues 7-10 pm

Biochemistry

BCHM 401b/Plant biochemistry

A critical appraisal of the current literature concerning selected aspects of plant biochemistry. Particular emphasis will be placed on biochemical processes occurring during plant cell growth and the regulation of these processes.

Prerequisite: BCHM 300 or BCHM 301hc or 302hc. Lectures, seminar, 2 hours per week / *Bown*/Mon 7-9 pm + Sem.

Biological Sciences

BIOL 125/Biology, man and environment

A course directed towards non-science students dealing with those aspects of biology which relate directly to man and which represent contemporary issues of human concern.

Topics will be selected from areas such as human anatomy and physiology, nutrition, diseases, drugs, sexuality, heredity, evolution, ecology and environmental stresses. High school biology is not a prerequisite for this course. Lectures, 2 hours per week; seminars, labs, alternating weeks, 2 hours per week / *Ursino, Cade*/Thurs 7-9 pm + Lab

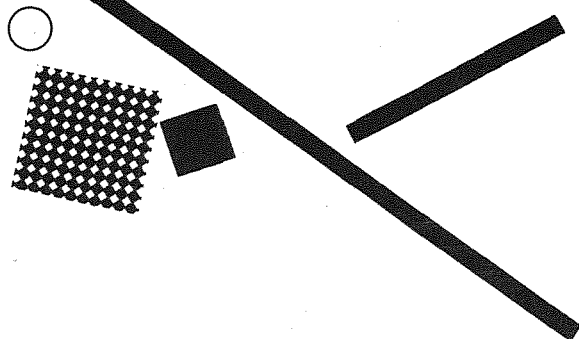
BIOL 201/Principles of molecular and cellular biology

A course which examines cellular processes and their relationship to cellular structure. Emphasis will be placed on the structure and function of proteins, membranes, cell organelles and the expression of genetic information.

Prerequisite: BIOL 190. Lectures, 3 hours per week in first term, 2 hours per week in second term; labs, 3 hours per week (second term only) / *Bown, Nicholls, Lewis*/Wed 7-10 pm

BIOL 295/Bioethics, an enquiry into selected issues (also offered as PHIL 295)

An interdisciplinary course introducing important issues from the areas of biology and psychology which give rise to moral dilemmas and value conflicts. Topics to be con-



Sidered include genetic responsibility; lifestyle diseases; abortion and euthanasia; the nature of moral development; behavior problems and their control through drugs or brain surgery; nuclear energy and the environment; population ethics. This course is appropriate for students with no previous courses in biology, psychology or philosophy. It may not be used as a

major course in biology or biology combined major programs; it may serve as an elective for biology majors. Prerequisite: permission of an instructor. Lectures, seminar, 3 hours per week/*Ursino, Nathan*/Tues 7-10 pm

BIOL 350a/Molecular genetics

Structure, organization, replication and expression of the genetic material, from a molecular point of view; microbial genetics.

Prerequisite: BIOL 201. Lectures, 3 hours per week/*Barclay*/Mon 7-10 pm

Chemistry

CHEM 185/Introduction to modern chemistry

This course covers basic chemical concepts which are necessary for all scientists. Topics include modern principles of structure and bonding, chemical equilibrium, thermo-chemistry, acids and bases, reaction rates and a survey of organic chemistry. Problem-solving in basic areas of chemistry is stressed. Laboratory work includes synthesis and analysis of various chemical compounds. A mark of C or better in CHEM 185 is acceptable for entry to more advanced chemistry courses.

Prerequisite: grade 13 chemistry is recommended. (Not open to students with CHEM 190 or 193 credit.) Lectures, 3 hours per week; seminar, lab, 3 hours per week/*TBA*/Wed 7-10 pm

The following are normally taken together in the same year, and both must be taken to obtain credit (except for chemistry/computer science combined majors, who take CHEM 491 only).

CHEM 490/Research project

Experimental or theoretical research to be carried out under the supervision of a member of the staff. Prerequisite: honors standing or permission of the chairman. *Faculty/Department*

CHEM 491/Thesis

This thesis will incorporate the results of the research and will form the basis for a seminar to be presented by the student.

Prerequisite: honors standing or permission of the chairman. *Faculty/Department*

Child Studies

CHST 110a/Nutrition, health and child behavior

Designed for teachers and others who work in applied settings, this course will focus on the basic health care of children and the interaction of health and behavior. Emphasis will be on preventative care, early detection of health risks and effective utilization of community resources. Topics include applied nutrition, safety, first aid, health habits and childhood diseases. Enrolment limited to students in child studies program. Lectures, seminar workshop, 3 hours per week/*TBA*/Mon 7-10 pm

CHST 290/The family (also offered as SOCI 290hc)

The study of family patterns in both modern and traditional societies and how these patterns are maintained, adapted and changed over time; roles of spouses; socialization; the relationship of marriage and family patterns to other aspects of the social system, including the position of women in society.

Lectures, seminar, 3 hours per week/*TBA*/Tues 7-10 pm

CHST 292b/Movement for the young child

(also offered as PHED 294hc)

The course will examine movement experiences which enhance the natural development of the young child. Motor development and functions of play will be discussed. Integration of various subject areas with movement education and practical experience will compose a major part of the course.

Prerequisite: PSYC 190 or permission of the instructor.

Lectures, lab, 3 hours per week/*Laurence*/Mon 6-9 pm

CHST 294b/Sex roles and the changing family

(also offered as SOCI 294hc)

An examination of the relationship between sex roles, both male and female, and changes in the family in both modern and traditional societies. Topics will include sex role socialization, sex roles within the family, dual careers, changing sex roles, androgyny and the shared-role pattern, sex roles in alternative lifestyles, man-woman relationships in the future, sex roles in cross-cultural perspective.

Lectures, seminar, 3 hours per week/*TBA*/Tues 7-10 pm

CHST 295/Integrating the special child

(formerly offered as CHST 380hc/381hc)

This course for professional educators focuses on curriculum modification and assessment tools. Topics will include assessment and intervention for children with various handicaps through the use of a variety of devices, integration techniques, task analysis, behavior management and use of community resources.

Prerequisite: teaching certificate, community college certificate in relevant field or CHST 300 (PSYC 300). (Not open to students with credit in CHST 380hc/381hc; not eligible for education certificate credit.) Lectures, lab, seminar, 3 hours per week; practicum required/*Hundert*/Thurs 7-10 pm

CHST 311/Issues in developmental psychology

(also offered as PSYC 311)

Examination of some current issues in developmental psychology, of recent experimental research on them, and theoretical approaches involved. The student will study human development from an integrated approach, including biological as well as psychological viewpoints.

Prerequisite: CHST 210 (PSYC 210) or three psychology courses beyond PSYC 190. Lectures, seminar, 3 hours per week/*Segalowitz, Smith*/Tues 7-10 pm

CHST 340/Observational research

A laboratory and lecture course in which students will focus on the gathering and evaluating of data using unobtrusive measures and observational training. Emphasis will be placed on developing the students' capacity to evaluate hypotheses through participation in observational projects in naturalistic settings.

Prerequisite: MATH 192 or PSYC 223 or SOCI 230 or permission of the instructor/*Krasnor*/Mon 7-10 pm

CHST 350/Focus on early childhood education

(also offered as EDUC 350)

This course will involve the study of several models of teaching derived from theories of learning and child development related to specific areas of curriculum. The models will be evaluated in relation to developmental theory and practicality in the classroom.

Prerequisites: CHST 210 (PSYC 210), EDUC 301. Lectures, seminar, classroom observation, 4 hours per week. Laboratories as required/*Richards*/Wed 6-10 pm

Classics

CLAS 191b/Greek civilization (formerly part of CLAS 190)

A survey of the literature, art, thought and political evolution of ancient Greece, based on masterworks of classical literature. Slides are used to illustrate classical history and archaeology.

(Not open to students with credit in CLAS 190.) 3 hours per week/*Casler*/Wed 7-10 pm

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LAS 192a/Roman civilization

(formerly part of CLAS 190)

A survey of the literature, art, thought and political evolution of ancient Rome, based on masterworks of classical literature. Slides are used to illustrate classical history and archaeology. (Not open to students with credit in CLAS 190). 3 hours per week/*Casler*/

Wed 7-10 pm

CLAS 195b/Greek myths and religions

(formerly part of CLAS 196)

The structure and function of major Greek myths with attention to ancient and modern interpretation. Aspects of Greek religion with emphasis on means of communicating with the gods.

(Not open to students with credit in CLAS 196.) 3 hours per week/*Booth*/Mon 6-9 pm

CLAS 197a/Roman religions and myths

(formerly part of CLAS 196)

History of the development of Roman religions from the foundation of Rome until the triumph of Christianity in the Roman Empire, with attention to the formulation of a Roman mythology and eastern influences upon the traditional religious outlook.

(Not open to students with credit in CLAS 196.) 3 hours per week/*Booth*/Mon 6-9 pm

CLAS 288a/The history of early Greece

(formerly part of CLAS 290)

The social and political history of the Greek world down to 450 B.C. Minoans and Mycenaeans, the Dark Age, the colonizing period, the tyrants, the rise of Sparta, the Persian wars, and the Athenian Empire. Readings from Greek historians and documents in translation.

Prerequisites: CLAS 190 or 196 or two of CLAS 191hc, 192hc, 195hc, 197hc. (Not open to students with credit in CLAS 290.) 3 hours per week/*Robertson*/Thurs 7-10 pm

CLAS 289b/The history of classical Greece

(formerly part of CLAS 290)

The social and political history of the Greek world, 450-323 B.C. The great war between Athens and Sparta, the rivalry of the city-states, the rise of national states,

Alexander the Great. Readings from Greek historians and documents in translation.

Prerequisites: CLAS 190 or 196, or two of CLAS 191hc, 192hc, 195hc, 197hc. (Not open to students with credit in CLAS 290.) 3 hours per week/*Robertson*/Thurs 7-10 pm

CLAS 298/Greek art and architecture

(also offered as VISA 298)

A survey of Greek art and architecture from the Bronze Age through the Hellenistic period within the framework of historical and cultural change.

Prerequisite: CLAS 190 or 196 or two of CLAS 191hc, 192hc, 195hc, 197hc. 3 hours per week/*Rupp*/Wed 7-10 pm

CLAS 395/The Bronze Age in the Aegean

(also offered as VISA 395)

The development of the Bronze Age cultures of Crete, the Cyclades, and the Greek mainland from 3000 to 1100 B.C., including the art and architecture of the Minoans and the Mycenaeans.

Prerequisite: a Classics course numbered 290 or above, or permission of the department. 3 hours per week/*Rupp*/Mon 7-10 pm

CLAS 485/The end of the ancient world and the beginning of mediaeval Europe, A.D. 180-600

An analysis of two of the most significant transformations in European history: the fall of the Roman Empire and the emergence of early mediaeval society, and the victory of Christianity in Europe.

Prerequisite: a Classics course numbered 290 or above, or permission of the department. 3 hours per week/*Soady*/Mon 7-10 pm

Computer Science

COSC 101a/Computer programming

(formerly offered as COSC 195hc)

An introduction to computers and programming. Topics include: computer organization, algorithms, problem solving, and structured programming in a high-level language (currently Pascal).

(Not open to students with credit in COSC 103hc or COSC 195hc.) Lectures, 3 hours per week, lab, 2 hours per week/*Jenkyns*/Wed 7-10 pm + Lab

COSC 103a/Programming practice

A laboratory course in computer programming in a high level language (currently Pascal). Intended for students who have high school credit in computer science.

Prerequisite: permission of department chairman. (Not open to students with credit in COSC 101hc or 195hc.) Lab, 2 hours per week. *Faculty*/Wed 5-7 pm

COSC 104b/Programming methodology and data

structures (formerly offered as COSC 230hc)

An introduction to software engineering and intermediate level data structures. Topics include: topdown design, modular decomposition, abstraction, information hiding, program testing and debugging; strings, files, stacks,

queues, lists, trees; advanced programming language features.

Prerequisites: COSC 101hc or 103hc. Corequisite: MATH 165. (Not open to students with credit in COSC 230hc.) Lectures, 3 hours per week, lab, 2 hours per week/*Hughes*/Wed 7-10 pm + Lab

COSC 194b/Computing for administrative studies

(also offered as MGMT 194hc)

Designed for students in administrative studies. Introduction to computer organization; problem analysis and flowcharting; the elements of a programming language; simple file manipulation; a survey of computer packages as management decision-making tools.

Prerequisite: MATH 198hc or equivalent mathematics credit. This is a service course for students in administrative studies. Students wishing to pursue further studies in computer science must take (COSC 101hc or 103hc) and COSC 104hc instead of COSC 194hc. A computer science major or combined major student will not receive credit for this course. Lectures, 2 hours per week, lab, 3 hours per week/*McCarthy*/Thurs 7-9 pm + Lab

COSC 200/Computer organization and assembly language programming

(formerly offered as COSC 202hc and COSC 212hc)

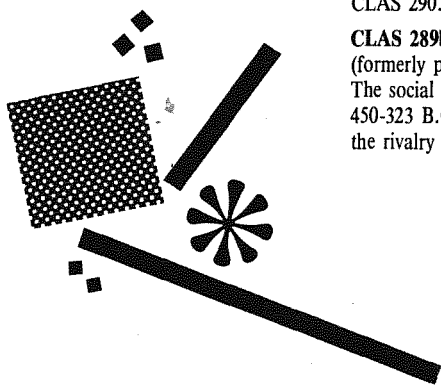
Basic computer structure. Introduction to machine language programming. Introduction to computer logic: basic functions, logic gates, minimization techniques, flip-flops, registers, counters, decoders, encoders, multiplexers and PLAS. The central processing unit. The control unit, microprogramming. Arithmetic unit. Main memory. Input/Output. Peripherals. Assembly language programming for a specific computer (currently the VAX-II); macros and expansion; linkers and loaders.

Prerequisites: COSC 104hc and MATH 165. Prerequisites: (1983/84 only): COSC 195hc and MATH 165. (Not open to students with credit in COSC 202hc and COSC 212hc.) Lectures, 3 hours per week, lab, 2 hours per week/*Thomas*/Tues 7-10 pm

COSC 212b/Assembly language programming

(offered 1983/84 only)

Overview of the hardware organization and general operation of a specific computer system. Assembly language programming. Prerequisites: COSC 195hc (or COSC 197) and COSC 202hc. Lectures, 3 hours per week, lab 2 hours per week/*Thomas*/Tues 7-10 pm + Lab



COSC 260b/Introductory operations research (also offered as MATH 260hc) Designed for students in administrative studies. Project management: CPM, PERT. Linear programming: formulation, graphical solution, simplex method, duality, examples. Special LP problems: transportation, assignment. The two player zero-sum game, and the minimax theorem. Elements of decision theory: utility, Bayesian models, branch-and-bound methods. Inventory models: EOQ and generalizations. Queuing theory. Prerequisites: MATH 197hc and 198hc or equivalents. Lectures, 4 hours per week, tutorial, 1 hour per week / *Deshpande* / Mon, Wed 7-9 pm + Tut

COSC 321a/Computer architecture (formerly offered as COSC 392hc) History of computers, computer descriptive systems; simulation of computers. Memory systems. Mini-computers and microcomputers. Microprogrammed computers. Compatible series computers. Stack computers. Associative processors. Supercomputers; Flynn's classification and examples. Introduction to real-time and time-shared systems, and computer networks. Prerequisite: COSC 200 (or 202hc or 221hc). (Not open to students with credit in COSC 392hc or COSC 422hc.) Lectures, lab, 3 hours per week / *Barchanski* / Mon, Wed, Fri 4-5 pm

COSC 390/Project organization and management (formerly offered as COSC 351hc and COSC 398hc) An introduction to the development of medium to large scale software projects and discussion of professional issues in computing. Topics include: systems analysis; the software development cycle: analysis, design, coding, testing, integration, installation, maintenance; project teams, project management; legal, ethical, moral, and social issues. The class will be involved in the development of a project. Prerequisites: COSC 203hc, 204hc and preferably ENGL 199. Prerequisites (1983/84-1984/85 only): COSC 204hc (or COSC 206hc.) (Not open to students with credit in COSC 351hc and 398hc.) Lectures, seminars, 3 hours per week / *Wojcik* / Thurs 7-10 pm

COSC 398b/Production software development (offered 1983/84 only)

This course is concerned with the overall management of a large software project. In the course, students will be involved as a team in the development of a software project taking on the various roles throughout the life cycle. Prerequisite: COSC 351hc. Lectures, seminars, 3 hours per week / *Wojcik* / Thurs 7-10 pm

COSC 399a/Computing project I

A half-year project course under the supervision of a faculty member from the department. Prerequisite: A prospective student is advised to select a supervisor and a project in consultation with the department, and have the choice approved by the project course coordinator at least two weeks prior to registration in the course. *Faculty/Department*

COSC 399b/Computing project II

A half-year project course under the supervision of a faculty member from the department. Prerequisite: A prospective student is advised to select a supervisor and a project in consultation with the department, and have the choice approved by the project course coordinator at least two weeks prior to registration in the course. *Faculty/Department*

COSC 413b/Operating systems: theory and practice (formerly offered as COSC 412hc)

An in-depth discussion of operating systems with emphasis on design. Implementation and operating system theory. Topics include: analysis, design and implementation of algorithms for memory, processor, input/output and file management.

Prerequisites: COSC 301hc and 302hc, 321hc and a mathematics course to be designated. Prerequisite: (1983/84-1985/86 only): COSC 302hc (or COSC 312hc). (Not open to students with credit in COSC 412hc.) Lectures, 3 hours per week / *Barchanski* / Mon, Wed, Fri 4-5 pm

COSC 498a/Computing project II

A half-year project course under the supervision of a faculty member from the department. Prerequisite: COSC 399hc; a prospective student is advised to select a supervisor and a project in consultation with the department, and have the choice approved by the project course coordinator at least two weeks prior to registration in the course. *Faculty/Department*

COSC 498b/Computing project II

A half-year project course under the supervision of a faculty member from the department. Prerequisite: COSC 399hc; a prospective student is advised to select a supervisor and a project in consultation with the department, and have the choice approved by the project course coordinator at least two weeks prior to registration in the course. *Faculty/Department*

Dutch

DUTCH 190/Intermediate Dutch

Conversational and written language skills. Introduction to Dutch culture and 20th century literature. Prerequisite: DUTCH 100 or permission of the department. *Michielsen* / Mon 7-10 pm

Economics

ECON 191a/Principles of microeconomics (formerly part of ECON 190)

An introduction to the study of microeconomics. Topics include the nature of economics, the price system, demand, production and cost, markets and pricing, factor pricing and the distribution of income. (Not open to students with a credit in ECON 190.) Lectures, seminar, 4 hours per week / *TBA* / Wed 7-10 pm + Tut

ECON 192b/Principles of macroeconomics (formerly part of ECON 190)

An introduction to the study of macroeconomics. Topics include the nature of economics, the determination and control of national income, money, banking and monetary policy, macroeconomic policy and the balance of payments. (Not open to students with a credit in ECON 190.) Lectures, seminar, 4 hours per week / *TBA* / Wed 7-10 pm + Tut

ECON 202/Macroeconomics

A study of Keynesian and classical macroeconomic theory as well as selected topics in money and banking; e.g., techniques of monetary policy, banking, theory, financial intermediation.

Prerequisite: ECON 191hc/192hc. (Not open to students with ECON 203, 251hc, or 252hc credit.) Lectures, 3 hours per week / *TBA* / Wed 7-10 pm

ECON 251a/Intermediate micro theory

A continuation of ECON 191hc/192hc with more detailed analysis of micro theory.

Prerequisite: ECON 191hc/192hc. (Not open to students with ECON 201, 202, or 203 credit.) Lectures, seminar, 4 hours per week. (See note after ECON 252hc.) *Kushner* / Wed 7-10 pm + Tut

ECON 252b/Intermediate macro theory

A continuation of ECON 191hc/192hc, with more detailed analysis of macro theory.

Prerequisite: ECON 191hc/192hc. (Not open to students with ECON 201, 202, or 203 credit.) Lectures, seminar, 4 hours per week.

Note: ECON 251hc and 252hc are primarily for students in administrative studies. They are not open to students who are majoring in economics, who require ECON 201 and 202. *TBA* / Wed 7-10 pm + Tut

ECON 290a/Economic statistics

Hypothesis testing; estimation; simple and multiple regression analysis; correlation; multicollinearity; heteroskedasticity; auto-correlation; errors in variables.

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Prequisite: MATH 192, 198hc, or equivalent; ECON 191hc/192hc. (Not open to mathematics majors, or students who have taken or are taking MATH 292hc or 296.) Lectures, 3 hours per week/TBA/Thurs 7-10 pm + Tut

ECON 306/Industrial organization

A study of the structure, conduct and performance of industrial markets with read-

ings on the role of government in maintaining effective competition.

Prerequisite: ECON 201 or 251hc/252hc. Lectures, 3 hours per week/TBA/Mon 7-10 pm

Education

EDUC 190/Introduction to education studies

An introduction to major issues and problems in the organization, staffing, and planning of schools and school services today, with special reference to the Niagara peninsula. Lectures, programmed and supervised study, 3 hours per week/McAuley/Tues 6-9 pm

EDUC 350/Focus on early childhood education (also offered as CHST 350)

This course will involve the study of several models of teaching derived from theories of learning and child development related to specific areas of curriculum. The models will be evaluated in relation to developmental theory and practicality in the classroom. Recommended prerequisites: PSYC(CHST) 210, EDUC 301. Lectures, seminar, classroom observation, 4 hours per week. Laboratories as required. Richards/Wed 6-9 pm

English

ENGL 191/Introduction to literature

The practice of literary criticism in the study of major authors and works, from the 14th century to the 20th. Authors include Chaucer, Shakespeare, Milton, Swift, Pope, Wordsworth, Lawrence. Lectures, seminar, 3 hours per week/Reecer/Mon 7-10 pm

ENGL 199/Language of science, social science and literature

A course for the non-humanities student. A study of imaginative literature (poetry, fiction, essays) and of selected writings in the sciences and social sciences. Special attention to student's writing.

Lectures, seminar, 3 hours per week/Crick/Tues 7-10 pm

ENGL 230/Romantic literature

Poetry, together with imaginative, critical, and philosophical prose, from the 1780's (Blake) to the 1830's (Carlyle).

Lectures, seminar, 3 hours per week/McKay/Thurs 7-10 pm

ENGL 305/Creative writing

Seminar course in the craft of creative writing, for selected students in any discipline; years 3 and 4 preferred. Limited enrolment. Application forms should be obtained from the English department well before registration.

Seminar, 3 hours per week/Hornysky/Thurs 7-10 pm

ENGL 392/Old English

Literature and language; a close reading of prose and several major poems in Old English, including passages from *The Parker Chronicle*, *Wanderer*, *Seafarer*, *Deor*, *The Battle of Maldon*, *The Dream of the Rood*.

Seminar, 4 hours per week/Shaw/Tues, Thurs 4-6 pm

ENGL 410/Middle English

A critical examination of the English literature of the late Middle Ages; studies in the work of Chaucer and Langland, and in the Northern alliterative revival.

Seminar, 4 hours per week/Somerville/Wed 6-10 pm

Extra Departmental Studies

EXST 290/Human sexuality

Examination of the physiological and psycho-social aspects of human sexuality from an historical and cross-cultural perspective. Critical analysis and integration of the aforementioned knowledge in order to increase awareness of attitudes and values about sexuality.

Lectures, seminar, 3 hours per week/Jordan/Tues 7-10 pm

Film Studies

FILM 194/Introduction to film criticism

(formerly offered as DRAM 194)

The history of film and principles of criticism from the early silents to the modern experimental.

(Not open to students with credit in DRAM 194.) Lectures, seminar, 3 hours per week, plus weekly film lab/Stukator/Wed 7-9 pm + Lab

FILM 394/Introduction to video

(also offered as COMM 394)

Introduction to the theory and practice of video techniques: specific assignments, viewing of video works and the production of an individual major video piece.

Prerequisites: 2 film courses and/or permission of the instructor. Lab fee: \$45.00 plus materials. Workshops, seminar, 3 hours per week; additional production time as required/Stukator, MacClean Hunter Cable T.V./Thurs 7-10 pm

French

FREN 100/Language (introductory)

Essentials of grammar, emphasis on idiomatic expression. Extensive practice in reading, writing and speaking. Language laboratory.

Shayka/Mon 7-10 pm + Lab

FREN 190/Language and literature

Practice in speaking, reading, and writing; self-expression through discussion. Background of French literature from the Middle Ages to the 20th century. Selected texts; language laboratory.

Pujoll/Mon 7-10 pm + Lab

FREN 290/19th century novel

Its evolution from the Romantic era to the Catholic revival. Naturalism and realism. Prescribed texts: Constant, *Adolphe*; Stendhal, *Le rouge et le noir*; Balzac, *Le Colonel Chabert*, *Le Père Goriot*; Flaubert, *Madame Bovary*; Zola, *Germinal*; Huysman, *Là-bas*; Barrès, *Les Déracinés*.

Cardy/Mon, Wed 4-5:30 pm

FREN 397/Literature, 17th century

The ideal of French classicism. Assessment of conflicting religious, philosophical, artistic, and moral currents. Prescribed texts: Corneille, *Le Cid*; Molière, *Tartuffe*; Racine, *Britannicus*; Pascal, *Les Pensées*; Mme de Lafayette, *La princesse de Clèves*; Saint-Simon, *Mémoires*.

Bucknall/Wed 7-10 pm

FREN 426/French-Canadian poetry and theatre

Evolution and tendencies from the late 19th century to the present day. Selections from G. Sylvestre's *Anthologie de la poésie canadienne-française*, with special emphasis on Nelligan, Grandbois and the contemporary scene. Selected plays from Gélinas to Tremblay and Germain.

McEwen/Tues 4-7 pm

Geography

GEOG 191/Principles of physical geography

A study of the interactions of atmosphere, soils, vegetation and landforms occurring at the surface of the earth. The development of natural environments and their impact upon man and his activities.

Lectures, labs/seminars, 4 hours per week/Tinkler, Menzies/Tues 6-10 pm

GEOG 203b/Principles of urban geography

An introduction to the basic concepts and problems underlying urbanization, the urban system, the internal structure of the city, and the spatial patterns of urban behavior.

Prerequisite: GEOG 190, or 192 or permission of the instructor. Lectures, seminar, 3 hours per week/Gayler/Wed 7-10 pm

GEOG 204b/The atmospheric environment
An introductory study of the distribution and characteristics of climate and their influence and impact on life.
Prerequisite: GEOG 191, 192; or permission of the instructor. Lectures, seminar, laboratory, 3 hours per week/*Shaw*/Wed 7-10 pm

GEOG 322a/Principles of geomorphology
Principles of geomorphology as exemplified by field examples in the Niagara peninsula. The course is organized around a series of field trips undertaken in laboratory periods. Lectures deal with the historical development of the subject, and fluvial, slope and glacial processes.
Prerequisites: GEOG 205hc and 208hc, or permission of the instructor. Lectures, laboratory, 4 hours per week/*Tinkler*/Wed 6-10 pm

GEOG 370a/The location of industry
The analysis of factors involved in the location of industry; the study of selected models of industrial location and their applicability to real world situations.
Prerequisites: GEOG 202hc and 208hc or permission of the instructor. Lectures, seminar, 3 hours per week/*McNeill*/Thurs 7-10 pm

Geology
GEOL 190/Introduction to geology
The principles of geological thought; geology as a science; geological processes; major earth structures; geological time; fossils and their significance; applications of geology for the benefit of man; the relationship of the earth and man's physical environment to human lifestyles. This course is intended for students in the humanities and social sciences who lack science and mathematics beyond grade 11; but students demonstrating exceptional performance in the course may, at the discretion of the department, proceed to year 2. A non-refundable lab fee of \$5 is collected at the beginning of the term.

Lectures, 2 hours per week; labs and local field trips, 1 to 2 hours per week/*Grant*/Tues 7-9 pm + Lab

GEOL 290b/Geology and society
Relationship of man's activities to his physical environment. Pollution, energy, hazards and catastrophes.
Prerequisite: GEOL 190 or 195. This course cannot be

used as a geology elective credit towards a degree in geological sciences. It is primarily designed for students who do not intend to major in geology but may be taken as a free elective by geology majors.

Lectures, seminars, field trips to be announced/*Peach, Miryneck*/Tues 7-10 pm

Germanic and Slavic Studies

GERM 100/Language (introductory)

Learning of basic skills, conversational patterns, reading ability. Emphasis is on the spoken language, language laboratory, films, records, tapes.

Language laboratory, 4 hours per week/*MacRae*/Tues 6-10 pm

GERM 190/Language and literature (intermediate I)

Intermediate level. Conversational and written language skills. Introduction to 20th century German literature. Language laboratory, films, tapes, recordings.

Lectures and language laboratory, 4 hours per week/*Joe*/Mon 6-10 pm

GERM 195/Culture and civilization of Central Europe (given in English)

An illustrated cross-section of the influences and transformations which shaped Central European mythology, religion, philosophy, history, music, art, and architecture. Ample use is made of slides to show the continuity of a Central European style and the cultural cohesion of the peoples who have come to inhabit the area.

Lectures, 3 hours per week/*Owen*/Thurs 7-10 pm

GERM 499/Advanced language study II

The aim of the course is to develop greater proficiency in German at a very advanced level of speaking, writing, and comprehension. Course work includes simultaneous translation, written translations, discussions and essays on contemporary issues.

Open to senior students only. Language laboratory, 3 hours per week/*Joe*/Wed 7-10 pm

Greek

GREE 100/Language (introductory)

The fundamentals of Greek. Selections from various Greek authors.

4 hours per week/*Soady*/Tues & Thurs 5-6:30 pm

GREE 200/Language and literature

Review of grammar and intermediate selections from Greek authors.

Prerequisite: GREE 100 or permission of the department. 3 hours per week/*Casler*/Tues & Thurs 5-6:30 pm

History

HIST 190/Mediaeval Europe

An examination of the societies of Western Europe from the late Roman Empire, emphasizing the period 1050-1300. The agricultural base of society, the growth of strong regional economies, the nature and role of mediaeval Christianity, and the religious, economic and military ad-

vances of Christian states against 'heathens' and 'infidels' all will be analyzed.

Lectures, seminar, 3 hours per week/*Arthur*/Thurs 7-10 pm

HIST 298/The United States in the twentieth century

An exploration of United States history in the twentieth century, stressing the interaction of social changes, economic developments and political culture.

Lectures, seminar, 3 hours per week/*Hanyan*/Wed 7-10 pm

HIST 299a/Ideas and culture, 1700-1850

An examination of intellectual and cultural developments in Europe and North America during the eighteenth and early nineteenth centuries, with particular attention to the exchange of ideas across the Atlantic. Developments in literature and the arts will be considered, as well as the relationships between 'high' and 'low' culture.

Lectures, seminar, 3 hours per week/*Wolff*/Thurs 7-10 pm

HIST 300b/Ideas and culture since 1850

The concerns of this course will be similar to those of HIST 299hc, but with reference to the later nineteenth and twentieth centuries.

Lectures, seminar, 3 hours per week/*Wolff*/Thurs 7-10 pm

HIST 391/Empire to Commonwealth

A comparative survey of the development of the British Empire and Commonwealth in the nineteenth and twentieth centuries, with emphasis on Canada, Australia, New Zealand and South Africa.

Lectures, seminar, 3 hours per week/*Turner*/Thurs 7-10 pm

HIST 393/The European peasant

A comparative study of the development of the agrarian economy and peasant life in Europe from the Middle Ages to the nineteenth century. The peasants' mental framework, their values and attitudes towards life, as well as their social, political and economic organization will be examined.

Seminar, 3 hours per week/*Sutherland*/Mon 7-10 pm

HIST 499/Honors tutorial

Directed reading and discussion in the student's selected field in preparation for a comprehensive examination. Honors students who are interested in this course may begin their reading for History 499 in their third year. Prerequisite: permission of the department. Hours to be arranged. *Faculty/Department*

1983/84 WINTER EVENING

course offerings

H

NGR 190/Intermediate Hungarian

Extensive practice in reading, writing and speaking. Language laboratory, films, tapes, recordings.

Prerequisite: HNGR 100 or permission of the department. Lectures 3 hours per week/*Hollosi*/Thurs 7-10 pm

ITAL 100/Language (introductory)

Acquisition of reading and oral skills, elementary grammar. Conversation and composition. Language laboratory/*Federici*/Tues 6-10 pm

ITAL 190/Language and literature

Composition, conversation. Discussion of essays from a cultural text. Selected modern texts. Language laboratory. *DeLuca*/Tues 7-10 pm + Lab

Latin

LATI 100/Language (introductory)

The fundamentals of Latin. Selections from various Latin authors.

4 hours per week/*Casler*/Mon, Wed 5-6:30 pm

LATI 200/Language and literature

Review of grammar. Intermediate selections from Latin authors.

Prerequisite: LATI 100 or permission of the department. 3 hours per week/*Robertson*/Mon, Wed 5-6:30 pm

LATI 390/The Roman historians

A study of the methods and styles of the major Roman historians: extensive readings in Sallust, Livy, Tacitus and Ammianus.

3 hours per week/*Soady*/Thurs 7-10 pm

Mathematics

MATH 165/Mathematics for computer science

Designed for students in computer science. This course primarily concerns the development, analysis and application algorithms in basic discrete mathematics, elementary mathematical logic, mathematical induction, combinatorial analysis, discrete probability models, graphs and trees, recursion, limiting procedures and summation, and difference equations. It concludes with an introduction to the theory of automata.

Lectures, 4 hours per week/*Muller, Jenkyns*/Mon 6-10 pm/*OR*/*Muller, Jenkyns*/Mon, Tues, Wed, Thurs 4-5 pm

MATH 192/Introductory statistics

Designed for students of geography, physical education, psychology, sociology, and urban and environmental studies. Types of scales; frequency distribution, mean, mode, median, and measures of dispersion; elements of probability theory, probability distributions, non-parametric tests; Normal, t, F, and χ^2 distributions; means and variance tests; analysis of variance, correlation and regression, applications and use of the SPSS package.

Prerequisite: grade 11 mathematics credit or permission of the department. (Not open to students with MATH 198hc or 296 credit.) Lectures, 3 hours per week; tutorial, 1 hour per week/*Doherty*/Tues, Thurs 4-5:30 pm

MATH 197b/Differential and integral methods

Designed for students of administrative studies, biological sciences, economics, geological sciences, and urban and environmental studies. Elementary functions, particularly the power function, the logarithm, and the exponential; approximation to the area under a curve; the definite integral; the derivative; techniques of differentiation; maxima and minima; integration by substitution and by parts; use of integral tables; partial differentiation; simple differential equations; numerical methods.

Prerequisite: grade 12 mathematics or permission of the department. Lectures, 4 hours per week; tutorial, 1 hour per week/*Doherty*/Mon, Wed 7-9 pm + Tut

MATH 198a/Basic statistical methods

Designed for students of administrative studies, biological sciences, economics, geological sciences, physical education and urban and environmental studies. Descriptive statistics; probability; estimation; hypothesis testing; non-parametric tests; Normal, χ^2 , t and F distributions, means and variance tests; regression and correlation.

Prerequisite: grade 12 mathematics or permission of the department. (Not open to students with MATH 192 or 296 credit.) Lectures, 4 hours per week; tutorial, 1 hour per week/*Yee*/Mon 7-10 pm/*OR*/*Muller*/Tues, Wed, Thurs 5-6 pm

MATH 260b/Introductory operations research

(also offered as COSC 260hc)

Designed for students in administrative studies. Project management: CPM, PERT. Linear programming: formulation, graphical solution, simplex method, duality, examples. Special LP problems: transportation, assignment. The two-player zero-sum game, and the minimax theorem. Elements of decision theory: utility, Bayesian models, branch-and-bound methods. Inventory models: EOQ and generalizations. Queueing theory.

Prerequisites: MATH 197hc/198hc or equivalents. Lectures, 4 hours per week; tutorial, 1 hour per week/*Deshpande*/Mon, Wed 7-9 pm + Tut

Music

MUSI 100/Music today

Survey of developments in jazz, rhythm and blues, rock,

and contemporary popular music.

Lectures, 3 hours per week; listening assignments/*Vander Woude*/Mon, Wed, Fri 4-5 pm/*OR*/Mon 6-9 pm

MUSI 150/History and literature (c. 900-1960)

History of musical style through analysis of representative works from the mediaeval to the twentieth century.

Lectures, seminars, 3 hours per week; listening assignments/*TBA*/Tues 5-8 pm

MUSI 183a/University choir I

(formerly offered as MUSI 182)

Fundamentals of choral singing (voice production, diction, style); sight-reading and ear training; rehearsal and performance of choral music from the Renaissance to the twentieth century. A lab fee of \$10.00 is charged.

(Students in MUSI 192 (292 or 392) do not receive MUSI 183hc (283hc or 383hc) credit for their choir participation.) Prerequisite: permission of the department. (Not open to students with credit in MUSI 182.) *TBA*/Wed 5-7 pm

MUSI 183b/University choir I

(formerly offered as MUSI 182)

Fundamentals of choral singing (voice production, diction, style); sight-reading and ear training; rehearsal and performance of choral music from the Renaissance to the twentieth century. A lab fee of \$10.00 is charged.

(Students in MUSI 192 (292 or 392) do not receive MUSI 193hc (283hc or 383hc) credit for their choir participation.) Prerequisite: permission of the department. (Not open to students with credit in MUSI 182.) *TBA*/Wed 5-7 pm

MUSI 283a/University choir II

(formerly offered as MUSI 282)

A continuation of choral training, associated disciplines and performance, in which a higher standard is required in repertoire, sight-reading, and ear training. Large and small vocal ensembles. A lab fee of \$10.00 is charged.

(Students in MUSI 292 (192 or 392) do not receive MUSI 283hc (183hc or 383hc) credit for their choir participation.) Prerequisite: permission of the department. (Not open to students with credit in MUSI 282.) One rehearsal weekly, 2 hours; extra rehearsal as required for concerts. *TBA*/Wed 5-7 pm

MUSI 283b/University choir II

(formerly offered as MUSI 282)

A continuation of choral training, associated disciplines and performance, in which a higher standard is required in repertoire, sight-reading, and ear training. Large and small vocal ensembles. A lab fee of \$10.00 is charged.

(Students in MUSI 292 (192 or 392) do not receive MUSI 283hc (183hc or 383hc) credit for their choir participation.) *TBA*/Mon 5-8 pm

1983/84 WINTER EVENING

course offerings

Perequisite: permission of the department. (Not open to students with credit in MUSI 282.) One rehearsal weekly, 2 hours; extra rehearsal as required for concerts. *TBA*/Wed 5-7 pm

MUSI 290/Materials of music II

An introduction to counterpoint; analysis, aural training, sight-singing and keyboard harmony.

Prerequisite: permission of the department. Lectures, keyboard tutorial, 3-1/2 hours per week/*TBA*/Mon 5-8 pm

MUSI 340/Electronic Music II

The use of electronic music in extended and/or large-scale works in dance, theatre, and mixed-media events. Compositional structures ranging from binary to stockhastic, as well as concrete and analogue techniques.

Lab fee of \$25.00 is charged. Prerequisite: MUSI 240, and by audition. (Students must submit tapes of their work prior to registration.) Lectures, seminars, 3 hours per week/*Pritchard*/Thurs 7-10 pm

MUSI 383a/University choir III

(formerly offered as MUSI 382)

Further study in choral techniques, interpretation, and performance. Large and small vocal ensembles. A lab fee of \$10.00 is charged.

(Students in MUSI 392 (192 or 292) do not receive MUSI 383hc (183hc or 283hc) credit for their choir participation.) Prerequisite: permission of the department. (Not open to students with credit in MUSI 382.) One rehearsal weekly, 2 hours; extra rehearsal as required for concerts. *TBA*/Wed 5-7 pm

MUSI 383b/University choir III

(formerly offered as MUSI 382)

Further study in choral techniques, interpretation, and performance. Large and small vocal ensembles. A lab fee of \$10.00 is charged.

(Students in MUSI 392 (192 or 292) do not receive MUSI 383hc (183hc or 283hc) credit for their choir participation.) Prerequisite: permission of the department. (Not open to students with credit in MUSI 382.) One rehearsal weekly, 2 hours; extra rehearsal as required for concerts. *TBA*/Wed 5-7 pm

MUSI 495/Special topics (formerly MUSI 395)

An in-depth study of a selected topic in music involving an historical, musicological, and analytic investigation.

Topic for 1983/84; history and literature of choral music. A detailed study of major works, forms and styles in choral literature from c. 1500 to the present. A lab fee of \$10.00 is charged.

Prerequisite: permission of the department. (Not open to students with credit in MUSI 395.) Lectures, seminar, 3 hours per week/*McGary*/Tues 5-8 pm

Physical Education

PHED 200a/Movement orientation through developmental games

A theoretical and practical course providing students with a basic understanding of the characteristics and needs of children. An aim of the course will be to develop an understanding of motor skill development and games activities for individuals of all ages. Students will be introduced to the fundamental principles of movement as developed by Rudolph Laban, and will apply them extensively through fundamental skills and developmental skills and developmental games.

Prerequisite: PHED 191hc/192hc or PHED 190 or permission of the instructor. Lectures, lab, 4 hours per week/*Laurence*/Mon, Wed 7-9 pm

PHED 205b/Motor learning and motor behavior

A theoretical orientation to the acquisition of motor skills. The course looks at aspects of growth and development, the neurophysiological structures involved in learning, learning theories and their application, as well as cybernetics, information processing, and factors involved in the acquisition of motor skills. Basic theory related to psycho-motor growth of children will be covered.

Prerequisite: PHED 191hc/192hc or PHED 190 or permission of the instructor. Lectures, lab, 3 hours per week/*Adams*/Tues 7-10 pm

PHED 294b/Movement for the young child

(also offered as CHST 292hc)

The course will examine movement experiences which enhance the natural development of the young child. Motor development and functions of play will be discussed. Integration of various subject areas with movement education and practical experience will compose a major part of the course.

Prerequisite: PSYC 190 or permission of the instructor. Lectures, lab, 3 hours per week/*Laurence*/Mon 6-9 pm

PHED 391a/The philosophy and principles of coaching

An elective course designed to examine the principles of coaching as they relate to the development of the total athlete. The role of the coach and the organization of sport in contemporary society will be examined. Students will be exposed to practical coaching situations to apply the theoretical principles studied.

Prerequisite: PHED 191hc/192hc or PHED 190 or permis-

sion of the instructor. Lectures, seminar, 3 hours per week/*Haslam*/Tues 7-10 pm

PHED 395b/Psycho-social aspects of sport

An elective course designed to integrate reading and research from selected areas of the sociology, psychology and physiology of sport. Analysis and discussion of research readings, theories, issues and trends as they relate to human movement patterns are stressed.

Prerequisite: PHED 202hc or permission of the instructor. Lectures, seminar, fieldwork, 4 hours per week/*Wilson*/Wed 7-10 pm

Philosophy

PHIL 190/Introduction to philosophy

A study of classical philosophical texts from several traditions (Greek, Indian/Chinese, early modern and contemporary). Topics include: the nature of the soul, the existence of God, the problem of evil, free will and determinism, moral responsibility, personal identity, illusion and reality, demons, dreamers and madmen.

Lectures, seminar, 3 hours per week/*Malone*/Thurs 7-10 pm

PHIL 192/Eastern philosophy: an introduction

A critical and historical survey of classical Indian thought from its origins in the Vedas and Upanishads to more systematic worldviews culminating in Zen. Topics to be considered include the role and nature of consciousness, karma, freedom, the theory and practice of yoga, meditation, pleasure and pain, levitation, illusion, personal responsibility, atomic theory, and the sound of one hand clapping.

Lectures, seminar, 3 hours per week/*Brown*/Wed 7-10 pm

Note: Students are advised not to attempt more than one of PHIL 190, 191 and 192 in any one year.

PHIL 202/The history of Western philosophy:

early modern philosophy

The origins of modern philosophy as studied primarily in the writings of the Continental rationalists (Descartes, Spinoza, Leibniz), of the British empiricists (Locke, Berkeley, Hume), and of Kant.

Lectures, 3 hours per week/*Nathan*/Thurs 7-10 pm

PHIL 208/Introduction to Chinese philosophy

A socio-historical survey of the development of Chinese thought from Confucius and Lao Tzu to Mao Zedong, with special emphasis on philosophical, ideological problems of the transformation of traditional Asia into modern Asia under the challenge of Western civilization.

Malone/Mon 7-10 pm

P

HIL 295/Bioethics, an inquiry into selected issues

(also offered as BIOL 295)

An interdisciplinary course introducing important issues from the areas of biology and psychology which give rise to moral dilemmas and value conflicts. Topics to be considered include genetic responsibility; lifestyle diseases; abortion and euthanasia;

the nature of moral development; behavior problems and their control through drugs or brain surgery; nuclear energy and the environment; population ethics. This course is appropriate for students with no previous courses in biology, psychology or philosophy; it may not count as a major course in biology or in biology combined major programs. It may serve as an elective for biology majors. Prerequisite: permission of the instructor. Lectures, seminar, 3 hours per week / *Ursino, Nathan* / Tues 7-10 pm

PHIL 313/Philosophical psychology

A study of the philosophical and conceptual foundations of Freudian and post-Freudian theory. Selected writings of Buber, Heidegger, Merleau-Ponty and Sartre also will be critically examined as providing a basis for some contemporary existential movements in psychiatry. Lectures, seminar, 3 hours per week / *Goicoechea* / Mon 6-8 pm + Sem

PHIL 317/Philosophy in literature

Classical masterpieces and contemporary works will be examined from the perspective of the author's philosophical conception of the nature of man, the world, the relation of facts and values, and the roles of fate and freedom in human life.

Lectures, seminar, 3 hours per week / *Goicoechea* / Wed 6-8 pm + Sem

PHIL 390/Critical study of a classical philosophy (formerly PHIL 301)

The theme of this course varies from year to year. Prerequisite: PHIL 201 or permission of instructor. Lecture, seminar, 3 hours per week / *Husain, Mayer* / Wed 7-10 pm

PHIL 400/Advanced studies in existential philosophy

An advanced seminar course in contemporary European

philosophy for honor students in philosophy. Study of selected texts such as those of Kierkegaard, Nietzsche, Heidegger or Sartre; students will be expected to choose supplementary readings in both philosophy and literature. Seminar, 3 hours per week / *Adamczewski* / Wed 4-7 pm

PHIL 403/Critical studies: modern European philosophy (Sartre and Merleau-Ponty)

The topic of this course varies from year to year.

1st Term — Sartre's early writings (*Transcendence of the ego, Imagination, Outline of a theory of emotions*, In relation to *Being and nothingness*) will be studied.

2nd Term — The works of Merleau-Ponty will be studied. Seminar, 3 hours per week / *Brown* / Mon 7-10 pm / *OR* / *Sinha* / Tues 7-10 pm

PHIL 506/Husserl and transcendental phenomenology

Concentration on the standpoint, method and scope of the phenomenological philosophy, in terms of the major phases of the development of Edmund Husserl's thought from the descriptive to the transcendental-genetic phenomenology. Selected and critical studies of Husserl's works. *Sinha* / Tues 7-10 pm

PHIL 510/Studies in contemporary French thought

Selections from such thinkers as Marcel, Sartre, Merleau-Ponty, Derrida, Ricoeur and Dufrenne, in accordance with student interest or need.

Brown / Mon 7-10 pm

PHIL 512/Studies in existential philosophy

Selections from such thinkers as Kierkegaard, Nietzsche, Jaspers, Heidegger, Sartre, Marcel, Levinas, in accordance with student interest or need.

Adamczewski / Mon 4-7 pm

PHIL 540/Advanced studies in existential philosophy

An advanced seminar course in contemporary European philosophy. Study of selected texts such as those of Soren Kierkegaard, Friedrich Nietzsche, Martin Heidegger or Jean-Paul Sartre; students will be expected to choose supplementary readings in both philosophy and literature. (May not be taken by students with a credit in PHIL 400.)

Adamczewski / Wed 4-7 pm

Politics

POLI 190/Introduction to politics

An introduction to the basic concepts and institutions of political systems and to the various approaches used to study these systems. Topics include: ideologies such as liberalism, conservatism and communism; institutions of government including legislatures, bureaucracies and political parties; public opinion and voting; classes, elites and revolution.

Lectures, seminar, 3 hours per week / *Fic* / Mon 7-10 pm

POLI 201b/Introduction to political philosophy

An examination of justice as a concept and problem.

Specific topics include the analysis of justice within natural right teachings, liberalism, and Marxism; justice and law; distributive and punitive justice; justice and equality; and justice in the relations among states. Selections from ancient, modern and contemporary writers including Plato, Aristotle, Aquinas, Hobbes, Mill and Rawls.

Lectures, seminar, 3 hours per week / *Mathie* / Thurs 7-10 pm

POLI 205a/Empirical political analysis

(formerly part of POLI 299)

An introduction to the use of empirical methods in the study of politics. Topics include: scientific explanation and its limitations; concepts and measurement; sources of data; causal inference and research design; and basic statistical techniques; and the use of computers in political analysis. No background in statistics or computer science is required.

(Not open to students with a credit in POLI 299.)

Lectures, seminar, 3 hours per week / *Carroll* / Mon 7-10 pm

POLI 215a/The government and politics of the United Kingdom

A study of the parliamentary form of government as it has evolved and is practised in the United Kingdom. Topics include: the development of constitutional principles and their application today; the operation of the executive and legislature; the roles of parties and pressure groups; the significance of extra-parliamentary checks; and the impact of the system, especially on Canada and the United States. Lectures, seminar, 3 hours per week / *Hull* / Thurs 7-10 pm

POLI 216b/The government and politics of the United States

A study of the American political system.

Topics include: separation of Powers and the policy process; media and the rise of primary elections; political participation and voting behavior; the "sunbelt"; the courts and civil rights; selected public policy issues.

Lectures, seminar, 3 hours per week / *Hull* / Thurs 7-10 pm

POLI 316b/Politics in French Canada

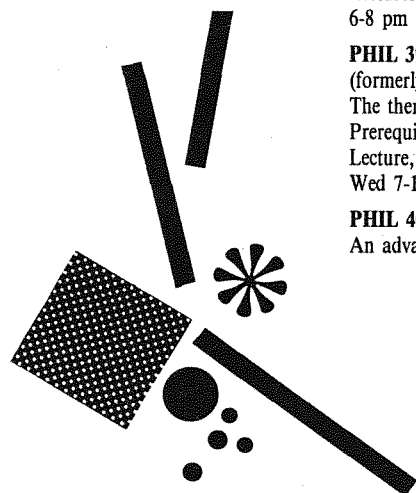
A study of the political culture of French-speaking Canadians, the political process in Quebec, and the implications of linguistic duality for Canadian politics.

Prerequisite: POLI 212, or permission of the instructor. Lectures, seminar, 3 hours per week / *Matheson* / Mon 7-10 pm

POLI 328a/Canadian foreign policy

(formerly POLI 425hc).

An examination of the foreign policy formulation process in Canada with a view to identifying significant factors,



Both domestic and external, which contribute to the shaping of overall and specific policy objectives.
Prerequisite: POLI 212 or 222hc/224hc. (Not open to students with credit in POLI 425hc.) Seminar, 3 hours per week/
Dirks/Tues 7-10 pm

POLI 351/Public administration

(also offered as MGMT(ADMI) 320)
A study of theory and practice of public administration with particular reference to Canada.
Lectures, seminar, 3 hours per week/*Clarke/Thurs 7-10 pm*

POLI 452/Public sector management

(also offered as MGMT(ADMI) 421)
An integration and expansion of the students' knowledge about the theory and practice of public policy and management. Special emphasis is placed on comparing public administration with business administration and on government-business relations.
(Not open to students with credit in POLI 454hc.) Lectures, seminar, 3 hours per week/*Kernaghan/Thurs 7-10 pm*

POLI 557b/Civil and criminal procedure for court administration

A survey of rules of court as they apply to the administration of justice, including jurisdiction, pleadings, pre-trial procedures, trials and appeals.
Prerequisite: POLI 556hc/*TBA/Mon 7-10 pm*

Psychology

PSYC 190/Introduction to psychology

Basic concepts and contemporary issues in psychology with special attention to learning, physiological, developmental, clinical and social psychology.
(Prerequisite to all courses in psychology.) Lectures, seminar, 3 hours per week/*Mitterer, Pomeroy/Thurs 7-10 pm*

PSYC 223/Research design

Principles of experimental design, systematic assessment and data analysis will be dealt within the context of psychological research. Lectures, tutorial, 3 hours per week/*Lordahl/Tues 7-10 pm*

PSYC 225/Dynamics of personality

Basic concepts and contemporary issues in personality theory and research including intrapersonal and inter-

personal dynamics of coping, defence, growth, and self-actualization.

Lectures, seminar, 3 hours per week/*Adams-Webber/Thurs 7-10 pm*

PSYC 285/Psychology of personal development

This course focuses on practical applications of areas of psychology which have relevance to personal development. Interpersonal communication, personal change processes, problem-solving/decision-making strategies, and life/career planning will each be explored through conceptual and experiential methods. Small group activities are an integral part of the course and successful completion requires active participation.

Lecture, 1 hour per week; small group lab, 2 hours per week/*Jordan, McCurdy, Closs/Tues 7-8 pm + Sem*

PSYC 293/History and systems

An examination of central theoretical issues in psychology from an historical perspective; topics include: the doctrine of associationism, constructivist approaches to psychology, the influence of evolutionary theory, classical introspectionism, behaviorism, the Gestalt movement, psychoanalysis, the nature of controversy in psychology.
Lectures, seminar, 3 hours per week/*Benjafield/Wed 7-10 pm*

PSYC 311/Issues in developmental psychology
(also offered as CHST 311)

Examination of some current issues in developmental psychology, or recent experimental research on them, and theoretical approaches involved. The student will study human development from an integrated approach, including biological as well as psychological viewpoints.
Prerequisite: PSYC 210 or three psychology courses beyond PSYC 190. Lectures, seminar, 3 hours per week/*Segalowitz, Smith/Tues 7-10 pm*

PSYC 355/Perception and consciousness

Language shapes our attention, memory, and self-concept. Western approaches to consciousness, ranging from hemispheric modes to altered states, are also shaped by language and clarify the limits of language. The second half will shift the cultural and linguistic perspective to non-western conceptions of psychology. These more developed traditions include Buddhism, Yoga, Taoism, Sufism, and aspects of North American Indian culture.
Lectures, seminar, 3 hours per week/*Tyson/Tues 7-10 pm*

PSYC 387a/Life-span psychology: youth and adolescence

Perspectives from longitudinal research; theoretical approaches; identity and ego development; thinking processes; values and moral growth; stress management and emotional control; development of sexuality; friendship and the peer group; strategic interactions; psychopathology and delinquent behavior. May be taken as a year 3 or year 4 credit.

Prerequisite: PSYC 190, third year standing. Lectures, seminar, 3 hours per week/*Carlsen, Lavery et al/Wed 7-10 pm*

PSYC 392/Drugs and behavior (formerly PSYC 299)

How drugs influence behavior, and the nature of drug-using behavior. Definition and classification of psychoactive drugs. Basic principles of psychopharmacology, and theories of drug action mechanism. Theories and research on drug abuse, dependence, tolerance and withdrawal. Applications and controversies in psychiatry, the drug industry and contemporary life.
(Not open to students with credit in PSYC 299.) Lectures, seminar, 3 hours per week/*Sadava/Mon 7-10 pm*

PSYC 394b/Life-span psychology: processes and developmental tasks of late adulthood
(formerly part of PSYC 391)

Introduction to gerontology; correlates of well-being; cognitive processes and creativity; sensory and physiological changes; organic brain syndrome; social issues in a growth model of aging; the intergenerational family; support systems; the life review process; coping with death and bereavement.
Lectures, seminar, 3 hours per week/*Carlsen/Wed 7-10 pm*

PSYC 490/Honors seminar

A comprehensive look at the fundamental issues in the various areas of psychology, with each faculty member responsible for one specific area.
Lectures, seminar, 3 hours per week/*Faculty/Wed 4-7 pm*

Recreation and Leisure Studies

RECL 200a/Community recreation programs
(formerly offered as PHED 293hc)

This course will introduce the student to the community education concept and its potential as a delivery service for co-ordinated and co-operative community recreation programs. Emphasis will be on helping students develop a clear understanding of the philosophy of leisure and recreation with a view towards the development of specific community recreation programs.
Prerequisite: RECL 190. (Not open to students with credit in PHED 293hc.)/*Staniford/Mon 7-10 pm*

RECL 305a/Leisure services fieldwork (formerly offered as PHED 397hc)
This course is designed to provide practical experiences in specific leisure service agencies. In addition to course work in leadership, programming and community resource development, students will be placed in one of a variety of existing community recreation settings.

Prerequisites: RECL 190 and 200hc. (Not open to students with credit in PHED 397hc.) Fieldwork, 3 to 4 hours per week, seminars, 2 hours per week/*Yardley*/Tues 7-10 pm

RECL 305b/Leisure services fieldwork (formerly offered as PHED 397hc)

This course is designed to provide practical experiences in specific leisure service agencies. In addition to course work in leadership, programming and community resource development, students will be placed in one of a variety of existing community recreation settings.

Prerequisites: RECL 190 and 200hc. (Not open to students with credit in PHED 397hc.) Fieldwork, 3 to 4 hours per week, seminars, 2 hours per week/*Yardley*/Wed 7-10 pm

RECL 393b/Facility design

An elective course designed to introduce the student to the role of recreation personnel in facility design. The importance of relating facilities to programs will be emphasized. In addition practical projects will be used to acquaint the student with some of the restraints that form part of the design process.

Prerequisite: RECL 190. Lectures, 3 hours per week/*TBA*/Mon 4-7 pm

Religious Studies

REST 100/Hebrew language (introductory) (formerly HEBR 100)

An introduction to biblical Hebrew, with selected readings of Old Testament passages.

(Not open to students with credit in HEBR 100.) Lectures, seminar, 3 hours per week/*Wilch*/Mon & Wed 4:30-6 pm

REST 191/Introduction to religious studies

Introduction to religious studies as a method, exploring different efforts to interpret religion, and surveying contemporary responses to questions of ultimate concern for a genuinely human existence.

Lectures, seminars, 3 hours per week/*Scott*/Tues 7-10 pm

REST 260/Old Testament studies

Such themes as a covenant, promise, messiah, and sacred signs will be traced in their development through Hebrew history, from the perspective of the historical, prophetic, and wisdom books of the Old Testament.

Lectures, seminar, 3 hours per week/*Weber*/Tues 7-10 pm

REST 361/The Lukan literature

A study of the third gospel and the Acts of the apostles. The central themes of this body of literature will be studied in light of the historical and theological development in the early Christian church.

Lectures, seminar, 3 hours per week/*McDermott*/Mon 7-10 pm

Russian

RUSS 211/19th century literature

(given in English)

Exploration of main literary movements in Russia. A study of the development of literary traditions vital to Russian cultural and spiritual existence. Special emphasis on the writings of Pushkin, Lermontov, Gogol, Turgenev, Dostoevsky, Tolstoy, and Chekhov.

Lectures, 3 hours per week/*Hollosi*/Tues & Thurs 5-6:30 pm

RUSS 396/Dissent in Russian literature

(given in English)

The roots of dissent in Russian literature of the twentieth century: opposition expressed on artistic, philosophical, and political grounds.

Lectures, 3 hours per week/*Frankel*/Mon, Wed 5-6:30 pm

Slovak

SLOV 100/Elementary Slovak

This course is designed to give the student basic language skills and to introduce him to the fundamentals of Slovak grammar.

Lectures, 3 hours per week/*Frankel*/Wed 7-10 pm

Sociology

SOCI 220/Theories in social relations

An examination of major contemporary theoretical formulations in the areas of conceptual functioning and symbol systems including language; conformity and deviance including norms and reference groups; formal hierarchies and social stratification; and socialization as a continuing process.

Seminar, 3 hours per week/*Ward*/Thurs 7-10 pm

SOCI 290a/The family

(also offered as CHST 290hc)

The study of family patterns in both modern and traditional societies and how these patterns are maintained adapted and changed over time; roles of spouses; socialization; the relationship of marriage and family patterns to other aspects of the social system, including the position of women in society.

Lectures, seminar, 3 hours per week/*TBA*/Tues 7-10 pm

SOCI 294b/Sex roles and the changing family (also offered as CHST 294hc)

An examination of the relationship between sex roles, both male and female, and changes in the family in both modern and traditional societies. Topics will include sex role socialization, sex roles within the family, dual careers, changing sex roles, androgyny and the shared-role pattern, sex roles in alternative life-styles, man-woman relationships in the future, sex roles in cross-cultural perspective.

Lectures, seminar, 3 hours per week/*TBA*/Tues 7-10 pm

SOCI 295a/Urbanism

The rise of cities, migration and urbanization; the ecology of city areas; the urban environment and social relations in cities; neighborhood perception, structure and interaction.

Lectures, seminar, 3 hours per week/*Watson*/Thurs 7-10 pm

SOCI 303a/Psychiatric sociology

The investigation of social factors associated with psychiatric illness. The course will emphasize the increased utilization of social science theory and research in the field of psychiatry.

(Not open to students with SOCI 340 credit.) Lectures, seminar, 3 hours per week/*Gillespie*/Wed 7-10 pm

SOCI 304b/Medical sociology

The investigation of social factors associated with physical health, illness and impairments; health care delivery systems and the factors which influence their utilization.

Lectures, seminar, 3 hours per week/*Gillespie*/Wed 7-10 pm

SOCI 312b/Technology and change

The analysis of the effects on socio-cultural systems of scientific and technological developments; technological innovation, both adaptive and maladaptive.

Lectures, seminar, 3 hours per week/*Watson*/Mon 7-10 pm

SOCI 320/History of social thought

(formerly SOCI 421)

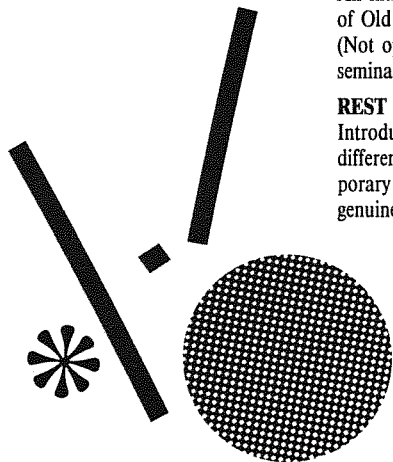
Investigation of the central ideas of the social sciences, their intellectual origin and their change over time. The works of major social philosophers from the 18th and 19th centuries as well as classical social theorists will be examined. Prerequisite: May be taken concurrently with SOCI 220 or 230. (Not open to students with credit in SOCI 421.)

Lectures, seminar, 3 hours per week/*Tomovich*/Wed 7-10 pm

SOCI 341a/Organizational behavior

(formerly SOCI 344hc) (also offered as MGMT 341hc)

Basic concepts, theory and research on the behavior of individuals and groups in organizational settings. Topics include individual motivation, interpersonal relations, leader-



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hip, group process and dynamics, and other topics at the 'micro' level of analysis.

(Not open to students with credit in SOCI 344hc.) Lectures, seminar, 3 hours per week/*TBA*/Wed 6-9 pm/*OR*/Thurs 6-9 pm

SOCI 342b/Organizational theory
(formerly SOCI 343hc) (also offered as MGMT 342hc)

Basic concepts, theory, research and methodology from the social and behavioral sciences relevant to the study of formal organizations. Classical organization and management theory, early human relations and 'systems' approaches, organizational goals, power, planned organizational change. (Not open to students with credit in SOCI 343hc.)

Lectures, seminar, 3 hours per week/*TBA*/Wed 6-9 pm/*or*/Thurs 6-9 pm

SOCI 351/The development of trade unionism
(also offered as MGMT 470hc)

The emergence, growth, and maturity of trade unions in modern industrial societies. Why strikes occur, ethnicity and industrial conflict, militant trade unions and alienation are included in the topics to be covered.

Lectures, seminar, 3 hours per week/*Glenday*/Mon 7-10 pm

SOCI 352b/International industrial relations
(also offered as MGMT 471hc)

Role of multinational corporations, international organizations (European Economic community, EEC; Organization of Petroleum Exporting countries, OPEC) and levels of government in affecting major decisions on conditions of work, economic growth, collective bargaining and related matters in industrial relations.

Lectures, seminars, 3 hours per week/*Glenday*/Mon 7-10 pm

SOCI 389a/Directed Studies

Individual reading and/or research undertaken at the student's initiative under the guidance of an instructor of the student's choice in an area of inquiry in which faculty expertise exists and in which a course at the appropriate level is not available.

Faculty/Department

SOCI 389b/Directed Studies

Individual reading and/or research undertaken at the stu-

dent's initiative under the guidance of an instructor of the student's choice in an area of inquiry in which faculty expertise exists and in which a course at the appropriate level is not available.

Faculty/Department

SOCI 399/Directed Studies

(See SOCI 389)

May be taken a second time as SOCI 389.

Faculty/Department

Spanish

SPAN 100/Language (introductory)

Essentials of grammar, emphasis on idiomatic expression. Conversation and elementary composition.

Language laboratory/*Fernandez*/Wed 7-10 pm + Lab

SPAN 190/Language and literature

Practice in speaking, reading and writing, composition, self-expression. General background of Spanish literature.

Language laboratory/*Gonzalez*/Wed 7-10 pm + Lab

Theory of Art Therapy

TATH 401/Spontaneous art and special education

The application of spontaneous artistic expression to special education; how children and adolescents with special needs communicate through their art productions; the role of spontaneous art in emotional and mental illness, both functional and organic.

Lectures, seminars, 3 hours per week/*Fischer*/Thurs 7-10 pm

Theatre

THEA 210/Drama in education

(formerly offered as DRAM 210)

The role of drama in education as a means of expression and self-discovery for children (creative drama) and as a method of teaching any subject in the curriculum. This practical course also investigates theories of drama in education.

(Not open to students with credit in DRAM 210.)

Lectures, workshops, 3 hours per week. Each student will, in addition, be required to undertake some field studies.

Morgan/Wed 5-8 pm

THEA 311/Theatre in education

(formerly offered as DRAM 311)

The role of theatre in education as a form created and presented for children and young people and as a medium for educational communication. Students will participate in practical projects.

Prerequisite: THEA 210 or permission of the instructor.

(Not open to students with credit in DRAM 311.) Lectures and workshops, 3 hours per week; additional rehearsal time as required/*Morgan*/Mon 5-8 pm

THEA 391/Writing for stage, screen and radio

(formerly DRAM 491)

Theory and practice. Workshops on scripts in progress.

Selected scripts may be produced in the department's annual spring festival.

Prerequisite: Permission of the instructor. Admission will be based on samples of written work. (Not open to students with credit in DRAM 491.) Seminar, workshops, 3 hours per week/*Winkfield*/Wed 5-8 pm

Urban and Environmental Studies

UEST 190/Canadian urban and environmental issues

An introduction to current Canadian issues in urban and environmental affairs such as legal constraints, pollution, resource management conflicts, northern pipelines, hydroelectric developments, urban planning, sprawl and citizen participation. An inter-disciplinary approach will be taken, pointing to the contributions separate disciplines can make to the solution of these practical problems based upon their banks of principles and methodologies.

Lectures, seminar, 3 hours per week/*Krushelnicki/De Boer*/Thurs 7-10 pm

UEST 296/Principles of planned urban change

The theory and practice of managing and governing urban systems. Public policy-making, plan-making and process of community development. Roles of citizens, professionals and elected officials in process of planned urban change. Studies of the city as human community, polity, administrative unit and physical plant.

Prerequisite: Completion of year 1 requirements for urban and environmental studies. Lectures, seminar, 3 hours per week; field work/*Krushelnicki*/Mon 7-10 pm

UEST 393a/Interdisciplinary perspectives on pollution
(formerly UEST 325hc)

Cycles of appearance and disappearance of organic and inorganic pollutants in the environment; biological effects of pollutants; metabolism of pollutants; chemical transformations; patterns of distribution; ways of altering turnovers and environmental levels.

Prerequisites: BIOL 190, CHEM 190 or GEOL 190. Lectures, seminar, 3 hours per week. (Not open to students with credit in UEST 325hc.)/*Holland*/Wed 7-10 pm

UEST 395a/Interdisciplinary perspectives on the quality of life (formerly part of UEST 396)

The process of value formation as the core of the concept of life quality. Development of human potential. The disciplinary and interdisciplinary perceptions required to elucidate the quality of life concept and promote its application through public policy. Special attention given to the interaction between the humanities and social and natural sciences.

(Not open to students with credit in UEST 396.)/*Hoover*/Tues 7-10 pm

1983/84 WINTER EVENING

course offerings

UEST 397b/Interdisciplinary perspectives in urban and environmental studies (formerly part of UEST 396)
Problems and opportunities for planned urban and environmental change, with special emphasis upon certain areas and regions of Canada. Specific topics to be selected annually at the discretion of the co-ordinator, in consultation with co-

operating faculty. Primary contributions to this course will be from the social sciences.

(Not open to students with credit in UEST 396.)/Hoover/
Tues 7-10 pm

Visual Arts

VISA 191/History of the visual arts

(formerly offered as FINA 191)

Art appreciation and survey of major styles in architecture, sculpture, and painting from antiquity to the twentieth century. No studio work.

(Not open to students with credit in FINA 191.) Lectures, seminars, 4 hours per week/Osterbind/Thurs 7-10 pm

VISA 195/Two and three dimensional design

(formerly offered as FINA 201)

A studio course in the principles of composition and design which form the basis of all visual art. Form, structure, space, line, color, proportion, rhythm, etc., will be explored, using a variety of simple drawing and modelling materials. A lab fee of \$45.00 will be charged. Students must supply their own materials. Students must submit a portfolio before registration. Details are available from the departmental secretary.

(Not open to students with credit in FINA 201.) Lectures, studio work, 3 hours per week/TBA/Tues 5-8 pm

VISA 202/Drawing

(formerly offered as fina 202)

Introduction to the various aspects of drawing in a variety of media, techniques and styles with an emphasis on the figure. A lab fee of \$45.00 is charged. Students must supply their own materials.

Prerequisites: VISA (FINA) 191, 195 and/or permission of the instructor. (Not open to students with credit in FINA 202.) Lectures, studio work, 3 hours per week/Creighton/
Mon 6-9 pm

VISA 203/Painting

(formerly offered as FINA 203)

Developing painting skills; introduction to the theory of color; explorations with different techniques (brush, knife, etc.). A lab fee of \$45.00 is charged. Students must supply their own materials.

Prerequisites: VISA(FINA) 191, 195 and/or permission of the instructor. (Not open to students with credit in FINA 203.) Lectures, studio work, 3 hours per week/TBA/
Wed 6-9 pm

VISA 220/Photographic communications

The history of photography from its beginnings to current technological innovations; the principles of critical analysis and the theory of photography; introduction to basic photographic techniques. A lab fee of \$45.00 is charged. Students must supply their own materials.

Prerequisite: VISA(FINA) 191 or permission of the instructor. Lectures, seminars, labs, 4 hours per week/
Lawson/Tues & Thurs 7-9 pm

VISA 250/Canadian Art

(formerly offered as FINA 250)

The history of Canadian art and architecture from Confederation to the present day, including folk art, native art, and the *avant garde*.

Prerequisite: VISA(FINA) 191 or permission of the instructor. (Not open to students with credit in FINA 250.) Lectures, seminars, 3 hours per week/TBA/Mon 7-10 pm

VISA 298/Greek art and architecture

(also offered as CLAS 298)

A survey of Greek art and architecture from the Bronze Age through the Hellenistic period within the framework of historical and cultural change.

Prerequisite: CLAS 190 or 196 or any two of CLAS 191hc, 192hc, 195hc, 197hc. 3 hours per week/Rupp/
Wed 7-10 pm

VISA 302/Advanced drawing

Advanced exploration of the various media and modes of drawing, with an emphasis on the development of the student's personal imagery and techniques. A lab fee of \$45.00 is charged. Students must supply their own materials.

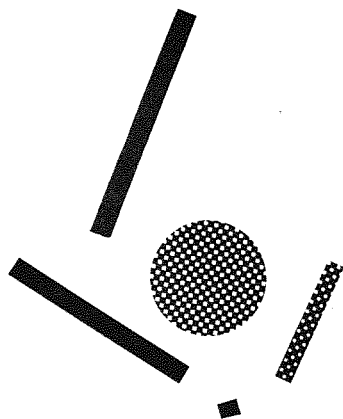
Prerequisite: VISA(FINA) 202 and permission of the instructor. Lectures, studio work, 3 hours per week/
Creighton/Thurs 6-9 pm

VISA 395/The Bronze Age in the Aegean

(also offered as CLAS 395)

The development of the bronze age cultures of Crete, the Cyclades, and the Greek mainland from 3000 to 1100 B.C., including the art and architecture of the Minoans and the Mycenaeans.

Prerequisite: a Classics course numbered 290 or above, or permission of the instructor. 3 hours per week/Rupp/
Mon 7-10 pm



SHIFT WORKERS

programs

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programs for shift workers

Does your work schedule make study difficult? If you are thinking of continuing your education for career or personal enrichment, but your job involves shift work of some kind, it's good to know about our flexible day and evening programs.

This September, the following degree credit courses will be offered during both the day and evening sessions. You may alternate classes throughout the school year according to your work schedule. Consult the Winter Evening section of this brochure for a full course description.

Please note that you must indicate your shift schedule when you register to ensure that you may be accommodated in both classes, and that you will not encounter any major difficulties in alternating attendance at lectures and seminars.

Students seeking permission to rotate their attendance between day and evening sections should be aware that although all sections of a given course may have the same course content, the presentations are unlikely to be identical.

Legend:

a half course offered from September 7 to December 6, 1983

b half course offered from January 3 to April 6, 1984

Administrative Studies

- 253a Introduction to financial accounting
- 253b Introduction to financial accounting
- 254b Introduction to management accounting
- 353a External auditing I
- 356a Intermediate financial accounting I
- 357b Intermediate financial accounting II
- 451a Canadian income tax

Biology

- 125 Biology, man and environment

Chemistry

- 185 Introduction to modern chemistry
- 490 Research project

491 Thesis

Child Studies

- 290a The family
- 294b Sex roles and the changing family
- 340 Observational research
- 350 Focus on early childhood education

Computer Science

- 101a Computer programming
- 104b Programming methodology and data structures
- 194b Computing for administrative studies
- 200 Computer organization and assembly language programming
- 260b Introductory operations research
- 399a Computing project I
- 399b Computing project I
- 498a Computing project II
- 498b Computing project II

Economics

- 191a Principles of microeconomics
- 192b Principles of macroeconomics
- 202 Macroeconomics
- 251a Intermediate micro theory
- 252b Intermediate macro theory
- 290a Economic statistics
- 306 Industrial organization

Education

- 350 Focus on early childhood education

English

- 191 Introduction to literature
- 199 Language science, social science and literature

Extrdepartmental Studies

- 194 Introduction to film criticism

Finance

- 392a Introduction to finance I
- 393b Introduction to finance II

French

- 190 Language and literature

Geography

- 191 Principles of physical geography
- 203b Principles of urban geography
- 204b The atmospheric environment

Geology

- 190 Introduction to geology

Germanic and Slavic Studies

- 100 Language (introductory)
- 190 Language and literature (intermediate I)

History

- 190 Mediaeval Europe
- 191 Birth of the modern world
- 499 Honors tutorial

Management

- 191a Introduction to business
- 192b Introduction to management
- 194b Computing for administrative studies
- 240a Commercial law
- 240b Commercial law
- 320 Public administration
- 330a Production management
- 341a Organization behavior
- 341b Organizational behaviour
- 462a Personnel administration

Marketing

- 322a Basic marketing
- 324b Marketing management
- 423b Marketing communications

Math

- 165 Mathematics for computer science
- 197b Differential and integral methods
- 198a Basic statistical methods
- 260b Introductory operations research

Music

- 100 Music today

Philosophy

- 190 Introduction to philosophy

Physical Education

- 200a Movement orientation through developmental games
- 205b Motor learning and motor behavior

Politics

- 190 Introduction to politics
- 351 Public administration
- 452 Public sector management

Psychology

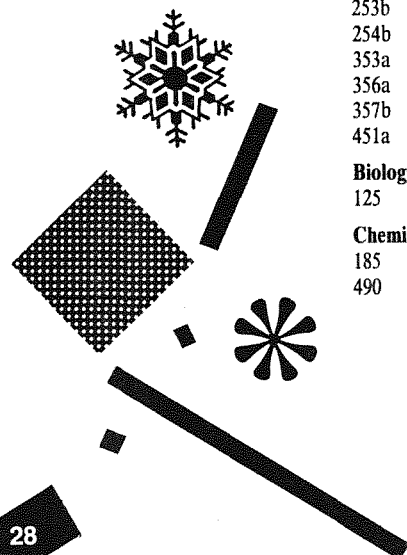
- 190 Introduction to psychology
- 223 Research design
- 225 Dynamics of personality
- 293 History and systems
- 311 Issues in developmental psychology
- 392 Drugs and behavior
- 394b Life-span psychology: processes and developmental tasks of late adulthood

Sociology

- 220 Theories in social relations
- 290a The family
- 294b Sex roles and the changing family
- 341a Organizational behavior
- 342b Organizational theory
- 389a Directed studies
- 389b Directed studies
- 399 Directed studies

Spanish

- 100 Language (introductory)



PROFESSIONAL AND INDIVIDUAL

exploration (pie)

N on-credit programs in life skills, professional development, and personal exploration

PIE is a group of professionals from several disciplines who offer a variety of educational programs through the Part Time Programs office. PIE courses are designed to enhance the continuing development of people in their personal

lives and professional roles.

PIE programs are intended for persons seeking learning experiences for growth and development. They should not be regarded as a substitute for psychotherapy nor sought as a quick solution to pressing personal problems.

Application procedure

Registration deadline for all workshops is ten (10) days prior to the starting date. Application must be accompanied by full payment of fees. A 20 per cent reduction in fees will be arranged when two or more persons from the same volunteer organization attend the same program. Please complete and return the registration form which is provided in this booklet.

All fees include a \$5 non-refundable registration cost. If you are unable to attend, and wish a refund, you must notify PIE at least five days in advance of the program starting date.

For further information, contact the Part Time Programs Office, 688-5550, ext. 249.

Facilitator profiles

Cynda Allcock, B.A., R.T. Working in the field of activation therapy with the Regional Niagara Senior Citizen's Department, her special interests include new approaches for working with the aged, current research in the field of gerontology and the promotion of increased awareness of the aging process.

Douglas Austrom, Ph.D. An assistant professor of organizational behaviour in Brock's School of Administrative Studies, his special interests include the importance of a sense of community, single life and the changing family, the effects of a rapidly changing present/future on individuals and organizations, and the co-learning process.

Cathie Closs, M.Ed. A counsellor at Brock's Counselling Centre, her special interests include self-awareness and personal growth, interpersonal communication and life/career planning.

David Jordan, Ph.D. A clinical psychologist, currently associate professor and director of counselling at Brock. Special interests are encounter groups, Gestalt therapy, systematic training in interpersonal skills, and group leadership development.

Joan McCurdy, M.Ed. A counsellor and Career Services Coordinator at Brock's Counselling Centre, her special interests are in career planning, women's development, math anxiety and personal growth in groups.

Les Myers, B.A. An advanced doctoral candidate in counselling psychology at OISE (University of Toronto), his special interests are humanistic approaches to psychotherapy, hypnosis, clinical applications of humour and laughter, interpersonal skills development, and groups as agents of change.

Ed Pomeroy, Ph.D. An associate professor of psychology at Brock, his interests range from psychotherapy to mind-body relations.

Marilyn Rose, Ph.D. Writing Instructor, and Coordinator of Learning Skills at Brock's Counselling Centre, her special interests include communication skills and life/career planning.

Foster Zanutto, M.Ed. Director of Information Services at Niagara College of Applied Arts and Technology in Welland, his special interests are in supervision, communications, curriculum development and learning and change in organizations.

Karen Zanutto, M.A. Co-ordinator of Staff Development at Family and Children's Services, her special interests include supervisory skills, organizational development, job satisfaction and time management.

Chautauqua

Chautauqua* is a series of one-evening sessions addressing a wide variety of topics in the areas of professional and personal development. A range of didactic and experiential methods will be used. All sessions are held on Monday evenings, 7 - 10 pm.

*Chautauqua, first held in 1874, was a program of cultural and educational events intended to encourage adults to continue their studies. A group of educators and entertainers travelled from community to community during the summer months staying several days in each place to present lectures, music and theatre.

Fees:

all ten sessions (30 hours): \$40
any five sessions (15 hours): \$25
one session (3 hours): \$6

Note: If you are registering for less than all 10 Chautauqua sessions please indicate the session number of each evening you wish to attend on your registration form.

1. Effective Time Management

An introduction to the concepts and techniques of effective personal and professional use of time. Participants will assess their present time use and identify strategies for both daily and long term planning.

Joan McCurdy, Marilyn Rose/September 12, 1983/7-10 pm

2. Joining Forces: Developing support groups for personal or professional growth

Small groups can be a major force in helping you achieve personal and/or professional goals. By joining with others who share a common area of interest, you can gain stimulation, practical help, and a sense of support for your own development. This workshop will examine the techniques and structures needed for establishing and maintaining an effective support group.

Les Myers, David Jordan/September 26, 1983/7-10 pm

3. Making Meetings Work

Whether you're chairman or "just another member" you can help the groups you're a part of become more satisfying and effective. This workshop focuses on the skills required to constructively contribute to committees, task groups, boards and staff meetings.

Joan McCurdy, David Jordan/October 24, 1983/7-10 pm

4. Making the Most of Niagara

Niagara, like so many other communities, is blessed with a bounty of interesting activities and opportunities. Why then do we so often hear the complaint: "There's nothing to do"? The answer may have more to do with one's attitude than with the community. Come and explore what Niagara has to offer and whether you are willing to take advantage of it. But be prepared to share your list of favourite activities!

Douglas Austrom/November 7, 1983/7-10 pm

5. Looking Forward to Growing Old

The goal of this workshop is to help you to anticipate and prepare for your own aging by encouraging you to consider your feelings about aging, the meaning of your own aging, and how you as an individual might experience the aging process. The process of aging can be seen as a rich part of life with its own potential for growth development. Some of the facts and myths of aging will be examined as well as some of the major theories on the subject.

PROFESSIONAL AND INDIVIDUAL

exploration (pie)

Exercises are designed to simulate aspects of the aging process and provoke participants' thoughts and feelings about growing old.

Cyndy Allcock, Cathie Closs/November 21, 1983/7-10 pm

6. Choosing the Futures You Prefer

People throughout history have tried to predict and control the future. But to be

personally relevant, we need an image of our preferred futures. Participants will work through a series of exercises to create images of their own preferred futures as a first step to preparing for the future.

Douglas Austrom, Marilyn Rose/December 5, 1983/7-10 pm

7. Beyond the Stereotypes

How are men and women influenced by sex role stereotypes? How does my own lack of awareness regarding stereotypes affect me? What behaviours would I like to change and how can I change? This session will help participants explore their answers to these questions.

Joan McCurdy, Les Myers/January 16, 1984/7-10 pm

8. "Do you think it's going to rain?"

The process by which strangers and casual acquaintances become meaningful friends need not be mystical, magical or left to "chemistry"; rather it can be understood, directed and changed. In this workshop we focus on what you can do to initiate communication and make contact with the people you meet. As well, the skills of maintaining, enhancing and modifying relationships will be addressed.

David Jordan, Marilyn Rose/February 13, 1984/7-10 pm

9. Meeting Some of Your Several Selves

People often have conflicting wants and experience dramatic shifts in mood. An explanation for this is found in one view of the person (Psychosynthesis) which maintains that rather than having one distinct personality, we all have several sub-personalities. Each of these sub-personalities has its own perspective in the world. Our thoughts, feelings, and actions in any given situation depends very much on which of these perspectives we take. In this workshop, participants will learn methods for a) identifying their various sub-personalities, b) determining each one's wants and needs and c) strategies for reconciling

their differences.

Les Myers, Ed Pomeroy/February 27, 1984/7-10 pm

10. The Times They Are A Changin'

The rate of change is increasingly dramatically — in fact, some suggest that change will soon be the only constant in our lives.

This workshop will focus on understanding your attitudes toward change and assist you to influence whether changes will challenge or distress you.

Douglas Austrom, David Jordan/March 12, 1984/7-10 pm

PERSONAL DEVELOPMENT: EXTENDED PROGRAMS

Note: Application deadline — 10 days prior to starting date

Job Search Series

Unsure of what you have to offer an employer? Considering a career change? Looking for a job but not sure what job? Thinking of further education or training?

This four part series teaches self-directed and active job search methods which are based on a sound understanding of the skills and personal strengths of the job seeker.

Part A Participants will develop a personal profile of skills and interests. This self knowledge promotes more satisfying job choice and improves resumes and interviews.

Marilyn Rose, Joan McCurdy/Mon., Sept. 19, 1983/7-10 pm

Part B Expanding the personal profile developed in Part A, participants will learn how to identify and research potential jobs and will actually do individual research in a specific job area.

Cathie Closs, Joan McCurdy/Mon., Oct. 3., 1983/7-10 pm

Part C How to prepare an effective resume and cover letter. Two kinds of interviews, crucial to job search, the information interview and the job interview will be outlined. Participants will practise interviews and receive feedback.

Cathie Closs, Joan McCurdy/Mon., Oct. 17, 1983/7-10 pm

Part D Resume feedback. How to develop and implement successful job search strategies. Methods for motivating yourself.

Cathie Closs, Joan McCurdy/Mon., Nov. 7., 1983/7-10 pm

Registration is limited. Fee: \$45 (includes all four sessions)

Coping With Stress and Anxiety

Stress and anxiety can influence our actions, thoughts, feelings, and physical well being. Anxiety can prevent us from performing at our best and detract from the general quality of our life. Structured experiences will be used in this workshop to help participants identify how they contribute to their feelings of anxiety, how they can cope with stress, and how they can prepare themselves for specific anxiety arousing situations. Some of the techniques to be examined are self-statements, deep relaxation (auto-hypnosis) and fantasy rehearsal.

Les Myers/Tuesdays, Sept. 13 and 20, 1983/7-10 pm/

Fee: \$40

Mind Games: Stimulating Your Creative Self

Mind games are a variety of exciting, structured experiences which take place when the player is in a self-induced, altered state of consciousness. Most of the resources of the human mind are left untapped in everyday consciousness, yet peak experiences during drug-free altered states of awareness have been recorded throughout history. Participants will enjoy playing some mind games that could bring more awareness and creativity into their lives.

Les Myers/Saturday, Oct. 22, 1983/9 am - 5 pm/

Fee: \$40 (includes lunch)

Understanding Your Dreams' Hidden Meanings

This workshop focuses on the use of dreams and other fantasies to increase self-awareness. Gestalt dreamwork methods will be demonstrated and emphasis will be placed on ways that the participants can continue to work on their own to understand what their dreams are saying to them.

Les Myers/Saturday, Nov. 19, 1983/9 am to 5 pm/

Fee: \$40 (includes lunch)

The Quality of Single Life

This workshop focuses on the issues which affect the quality of single life. While there is no simple formula which guarantees a satisfying and rewarding single life this workshop will provide a forum for exploring and sharing successful "social inventions" which enhance the quality of single life. You will be encouraged to participate actively in a co-learning process designed to enable you to assume greater responsibility for the quality of your own life.

Douglas Austrom/Sundays, Nov. 26, Dec. 11, Jan. 8/1-5 pm/Fee: \$40

Guilt: Motivator and Demoralizer

Guilt is both a powerful motivator and demoralizer in our lives. It can freeze creative energies in the past and serve as a clock to personal growth in the present and future. A variety of experiences will be used to help the participants of this workshop focus on the effects of guilt in their lives, its hidden sources, and its management. Some of the concepts to be touched on are resentment vs guilt, how we "should" on ourselves, and the compassionate self.

Les Myers/Saturday, Jan. 21, 1984/9 am - 5 pm/

Fee: \$40 (includes lunch)

W

orking With the Client's Resistance

Probably the greatest contribution made to psychotherapy by the late Milton Erickson was his theory of utilization. This theory maintains that the clinician can use whatever the client presents in the office (including resistant behaviors) to further therapeutic gains. During this workshop, which is for those in the

helpers role, participants will be provided with the opportunity to learn and practice some of Erickson's sophisticated yet simple techniques.

Les Myers/Saturday, Feb. 12, 1984/9 am-5 pm/

Fee: \$40 (includes lunch)

Living Your Dying

Many people who have had close calls with death report that their lives become more vibrant and fulfilling. The structure of this workshop provides participants with the opportunity to explore and confront the meaning of their own deaths so that their lives might be enhanced.

Les Myers/Saturday, March 24, 1984/9 am-5 pm/

Fee: \$40 (includes lunch)

Supervisory Skills

This program introduces participants to the basic theories and skills of supervisory practice. It will include case studies, role playing, and experiential learning to encourage participants to better understand how they presently operate as well as to practice new skills in a variety of supervisory functions.

Session 1: Communications Skills

This session will focus on effective communication in one-to-one and group settings and its impact on employee performance.

Session 2: Leadership Style

Participants will assess their style of leadership and look at how supervisor behavior has an effect on employee motivation.

Session 3: Personal Management

Your own career can be developed by following personal development plans and guiding principles. This session will

look first at the area of career path planning, then focus on the area of stress. Participants will learn how to identify stress factors and how to handle them.

Session 4: Time Management and Meetings

This session will focus on two very important facets of the supervisory or management role:

Time Management: How to analyse and use your time more effectively.

Meetings: How to plan, run and report on meetings in a meaningful and effective manner.

Session 5: Performance Standards and Appraisal

Participants will learn how to set productivity goals and standards along with methods of efficient appraisal and evaluation of employees. Areas related to this topic are: quality control, planning, evaluation interviewing and employee coaching.

Session 6: Job Analysis and Personnel Selection

This session will emphasize the importance of job analysis techniques for meaningful job descriptions. This session will also offer guidelines for choosing the right employees including interviewing skills.

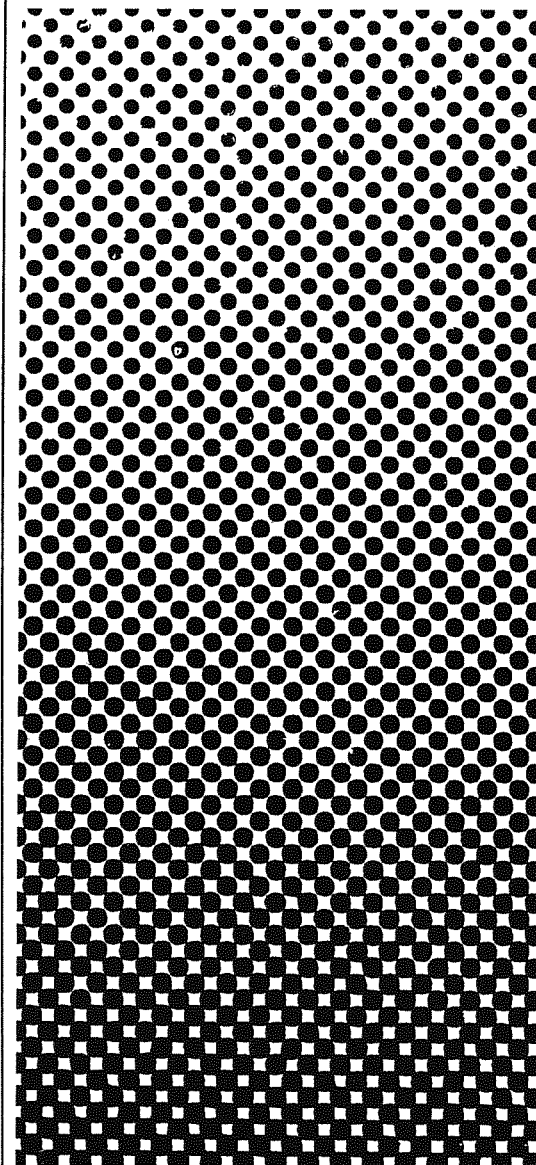
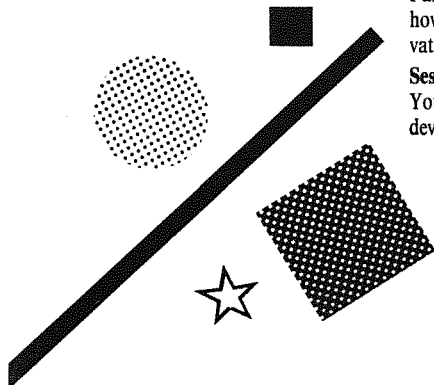
Foster Zanutto, Karen Zanutto/Tuesdays, October 4 -

November 8, 1983/(6 sessions)/7-10 pm/Fee: \$95

(includes workshop materials)

PROFESSIONAL & INDIVIDUAL

exploration (pie)



N

ote: Re Registration

All registration for Learning Skills Programmes must go through the Counselling Centre (Th270, 688-5550, ext. 240). To register, please contact the Counselling Centre. **Do Not** use the forms in this brochure.

LEARNING SKILLS

programs

SUMMER 1983

Study Skills for Students in Administrative Studies

(Six 2-hour sessions)

Learn the study skills needed specifically for courses in Administrative Studies. Topics include case studies, seminars, time management, exam preparation, note-taking, reading, study strategies. Enrollment is limited and is only open to Brock Administrative Studies students.

Monday, August 8; Wednesday, August 10; Monday, August 15; Wednesday, August 17; Monday, August 22; Wednesday, August 24.

Joan McCurdy, Counsellor/17 - 9 pm/Fee: \$20

Study Skills (General)

(Five 2-hour sessions)

"What do I need to survive University? I find it hard to manage my time. I just can't concentrate. How do I write an essay? Should I prepare differently for multiple-choice and essay exams?" Sessions cover time management, concentration, notetaking, reading, essay writing and preparing for and writing exams.

Tuesday, August 16; Thursday, August 18; Tuesday, August 23; Thursday, August 25; Tuesday, August 30.

Cathie Closs, Counsellor/17 - 9 pm/Fee: \$20

Re-Entry Mathematics (August Immersion)

(Ten 3-hour sessions)

Re-Entry Mathematics is for those who are entering/planning to enter University but whose mathematics background is weak. The programme is *not* suitable for those who

already have grade 13 math, nor does it fulfill the grade 13 requirement for university entrance. It covers material comparable to that covered up to the end of grade 12 mathematics. The program teaches the basic mathematics skills needed for entry into University credit courses in statistics and other mathematics courses required for non-math majors (e.g. Psychology, Business Administration, Geography, Urban and Environmental Studies). While the specific topics depend on students' needs and the results of diagnostic assessment, typically Integers, Order of Operations, Fractions, Per Cent, Algebra, Exponents, Scientific Notation and Roots are covered.

The class environment is informal and highly supportive and instructional methods are chosen to reduce anxiety about math. Since increasing math competence depends on practice, practice sheets are provided and some work between class sessions is advised. Class size is limited to 20. Tuesday, August 2; Wednesday, August 3; Monday, August 8; Wednesday, August 10; Monday, August 15; Wednesday, August 17; Monday, August 22; Wednesday, August 24; Monday, August 29; Wednesday, August 31/
Tony Albano, Math Teacher/6 - 9 pm/Fee: \$75 + \$25 deposit (deposit refunded upon completion of post course tests)

FALL 1983

Mature Student's Orientation

A one-day session especially designed for mature students. Learn skills in essay-writing, time management, exams, seminars and note-taking in lectures. See a film on how to use the library. Lunch is included.

Counselling Centre staff/Saturday, September 17/9 am - 4 pm/Fee: \$10 (includes lunch)

Study Skills (General)

(Five 2-hour sessions)

"What do I need to survive University? I find it hard to manage my time. I just can't concentrate. How do I write an essay? Should I prepare differently for multiple-choice and essay exams?" Get prepared for classes in September. Sessions cover time management, concentration, note-taking, reading, seminar preparation, essay writing and preparing for and writing exams.

Section A:

Counselling Centre Assistants/Tuesdays, September 13 - October 11/7 - 9 pm/Fee: \$20

Section B:

Counselling Centre Assistants/Mondays, September 19 - October 24 (excluding Thanksgiving)/6 - 8 pm/Fee: \$20

Writing Skills

(Four 2-hour sessions)

Learn the process of writing an essay: choosing a topic, constructing a thesis statement, making an outline, researching the topic, organizing research material, writing

the essay, revising and setting up the finished paper. Improve your writing style through exercises and instructor feedback.

Although the major focus is on the principles of essay writing, some time will be spent applying these concepts to other kinds of university writing such as case studies, book reviews, lab and field reports.

Each student's specific difficulties in grammar and usage will be identified and specialized programmes will be available for those who wish to continue working on these areas after the essay writing workshop is completed. Class size is limited to 15.

Marilyn Rose, Writing Instructor

Section A:

Wednesdays, September 21 - October 12/7 - 9 pm/Fee: \$20

Section B:

Mondays, October 3 - October 31 (excluding Thanksgiving)/1 - 3 pm/Fee: \$20

Section C:

Tuesdays, October 4 - October 25/7 - 9 pm/Fee: \$20

Section D:

Thursdays, November 3 - November 24/1 - 3 pm/Fee: \$20

Section E:

Mondays, November 7 - November 28/7 - 9 pm/Fee: \$20

Let's Trance: Learning Self-Hypnosis

(Two 1-hour sessions)

Self-hypnosis is a useful skill which can be applied in many areas of a person's life. Routinely entering a self-induced trance promotes physical and mental relaxation and enhances memory and focusing abilities. This programme is designed to teach each participant how to do self-hypnosis and how the trance state is useful for promoting a fuller, healthier life.

Les Myers, Counsellor

Section A:

Tuesdays, September 20 and 27/4:30 - 5:30 pm/Fee: \$2

Section B:

Tuesdays, November 1 and 8/4:30 - 5:30 pm/Fee: \$2

Skills for Seminar Participation

(Six 1-hour sessions)

Is this your first experience with seminars? Do you hesitate to speak up because you're not sure what's expected? Do you wonder what you have to add to a discussion? Do you think that some people in seminars seem to know so much already? Learn how to participate in seminars; how to prepare; how to feel more relaxed and confident. Understand how seminars function and how you can learn the most from them.

David Jordan, Director of Counselling/Thursdays, October 6 - November 10/4 - 5 pm/Fee: \$10

LEARNING SKILLS

programs

E

Effective Reading

(Five 2-1/2-hour sessions)

Improve your understanding of what you read. Learn to use different reading methods depending on your purpose for reading and the difficulty of the content. Topics to be covered include: reading habits, reading flexibility, concentration and memory. Skills to be focussed on are:

previewing, skimming, scanning, reading for main ideas and details, reading for critical comprehension, and reading exams. A reading/study method will also be taught.

Cathie Closs, Counsellor

Fridays, October 14 - November 11/1-3:30 pm/Fee: \$20

Essay Research Clinic

(One 2-hour session)

A two-hour programme co-led by a librarian and an essay writing instructor. The first hour will focus on the use of the library information system for research purposes and the second hour will focus on the steps involved in writing a research paper.

Sessions will be offered at different times throughout October and November to accommodate a wide variety of student timetables. A listing of programme times will be available at the Library and the Counselling Centre, and in the Press after September 9, 1983.

Marilyn Rose, Writing Instructor and Library Staff member
Fee: \$2

Re-entry Mathematics

(Ten 3-hour sessions)

Re-Entry Mathematics is for those who are entering/planning to enter University but whose mathematics background is weak. The programme is *not* suitable for those who already have grade 13 math, nor does it fulfill the grade 13 requirement for university entrance. It covers

material comparable to that covered up to the end of grade 12 mathematics. The program teaches the basic mathematics skills needed for entry into University credit courses in statistics and other mathematics courses required for non-math majors (e.g. Psychology, Business Administration, Geography, Urban and Environmental Studies). While the specific topics depend on students' needs and the results of diagnostic assessment, typically Integers, Order of Operations, Fractions, Per Cent, Algebra, Exponents, Scientific Notation and Roots are covered.

The class environment is informal and highly supportive and instructional methods are chosen to reduce anxiety about math. Since increasing math competence depends on practice, practice sheets are provided and some work between class sessions is advised. Class size is limited to 20.
Linda Gordon, Math Teacher/Thursdays, September 22 - November 24/6 - 9 pm/Fee: \$75 + \$25 deposit (deposit refunded upon completion of post course tests)

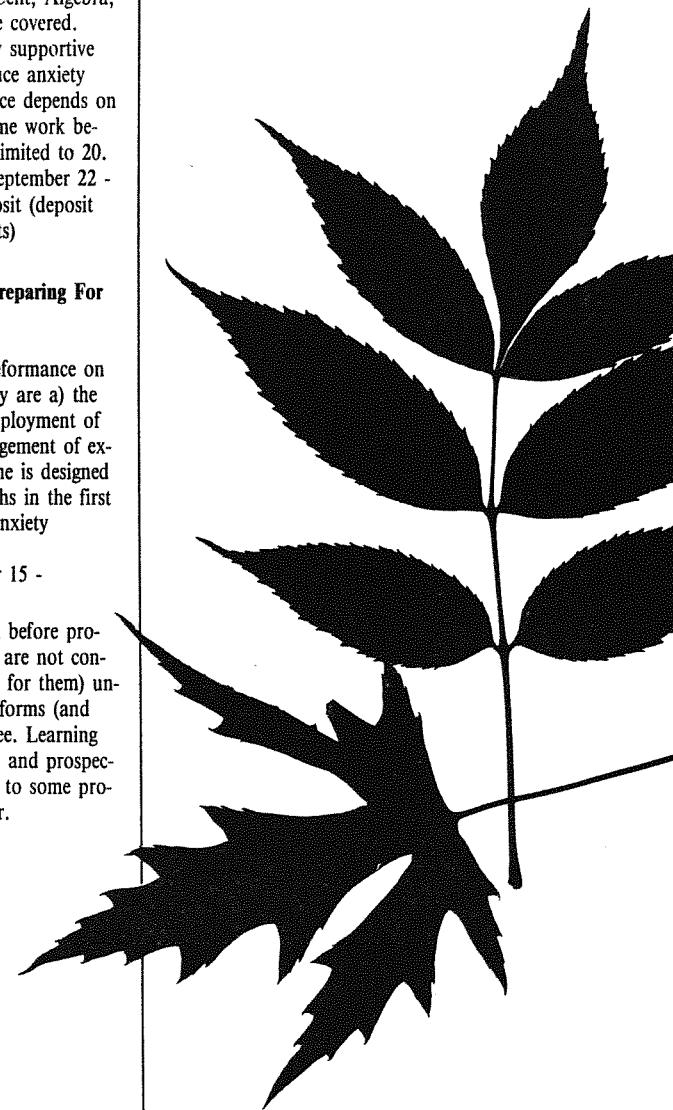
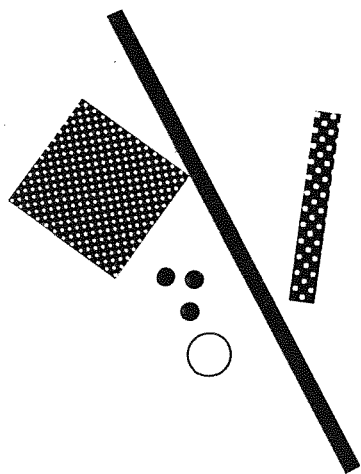
Sharing What You Know: A Seminar On Preparing For and Writing Exams

(Three 2-hour sessions)

With good health as a given, satisfactory performance on examinations depends on four variables. They are a) the use of adequate preparatory skills, b) the employment of effective exam writing strategies, c) the management of excessive anxiety, d) a fair test. This programme is designed to help students discover and develop strengths in the first three variables with particular emphasis on anxiety management.

Les Myers, Counsellor/Tuesdays, November 15 - November 29/4 - 6 pm/Fee: \$10

Notes: Cancellations must be made one week before programme starts to obtain refund. Participants are not considered registered (i.e. no place is guaranteed for them) until they have returned completed application forms (and any other questionnaires) and paid the full fee. Learning Skills programmes are intended for registered and prospective Brock students. Others may be admitted to some programmes at the discretion of the co-ordinator.



C

continuing studies

The Department of Continuing Studies, Brock College of Education was created in order that the College might more effectively meet the community's continuing educational needs. One of its major roles is the administration of the Route II BEd program. The courses in this program are designed to meet ministry of Education re-

quirements for additional qualifications for teachers and administrators of Ontario schools. A number of these programs are being offered during the summer session. It is hoped that the offerings will meet the needs of a good number of teachers and administrators in the region.

Master of Education (MEd) program

The College of Education offers a professional degree at the master's level for practicing teachers. This program makes it possible to specialize in one of three defined areas: curriculum studies, educational administration, and teacher behavior.

These courses are offered on a regular basis during the winter day and evening, spring evening and summer day sessions. Students are admitted to core courses during the fall, and may commence electives after the core subjects are successfully completed. The eight half courses required for the degree, which includes an exit project or thesis, can usually be completed through part time studies in two years.

For more information, contact the graduate officer, Mrs. S. Booth, in the Registrar's office. Prof. J. Novak, the chairman of the graduate program, will also be happy to answer any questions.

BEd program Route II (in-service)

The College of Education is happy to announce the introduction of a new BEd program designed for teachers interested in continuing their professional education and seeking endorsement of their OTC by the Ontario ministry of Education.

Program requirements

The requirement for the degree is the completion of a minimum of five courses numbered EDUC 411 or above of which three will be in a specialized area. The sequential

numbering of courses indicates the specialized area. It should be noted that the sequences coincide with the ministry of Education three-session course leading to additional qualifications e.g. Special Education EDUC 417, EDUC 418 and EDUC 419 are courses which will lead to successful students being recommended for the Special Education qualifications parts I, II, and III. Students may complete the requirements for the degree by selection of two additional courses from those as outlined above.

Admission to the program

Admission to the program is open to anyone possessing a teaching qualification (NB: candidates wishing to have courses recommended to the ministry of Education must hold an OTC). While entry to the program is not restricted to those holding an undergraduate degree, the award of the degree will be withheld until the candidate provides evidence of completion of an undergraduate degree acceptable to Brock University.

Students not interested in completing the entire program should note:

1. Transcripts showing work completed towards the degree will be available from the registrar.
2. Recommendation to the ministry of Education for endorsement of the OTC is not dependent on a candidate's completing the total requirement for the BEd degree.

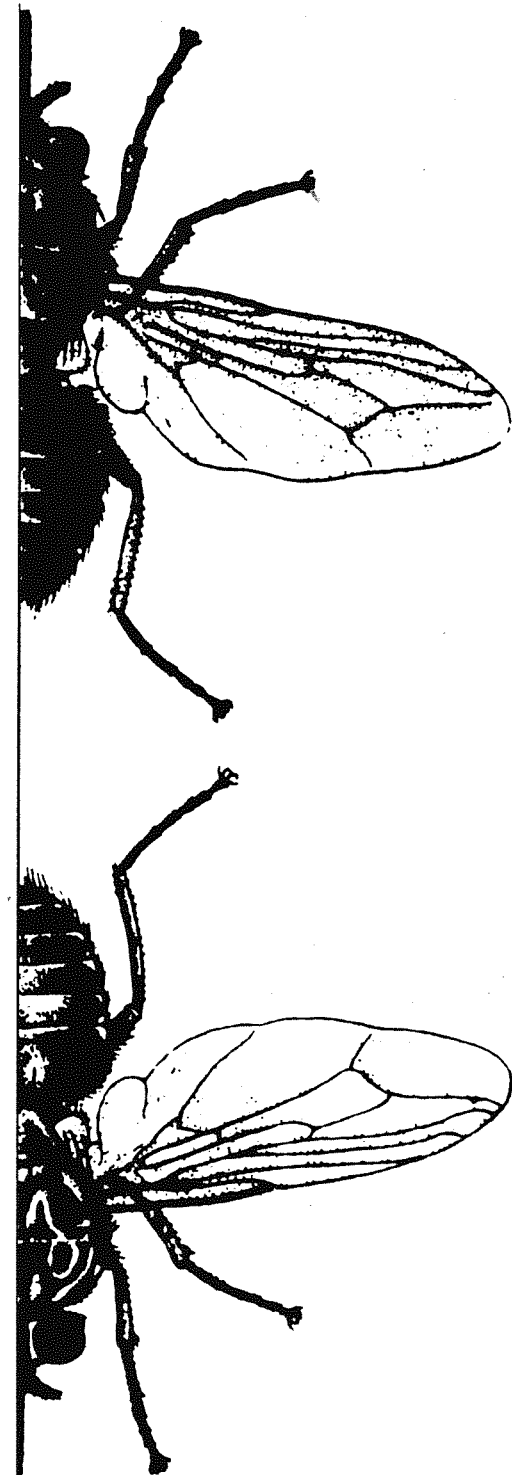
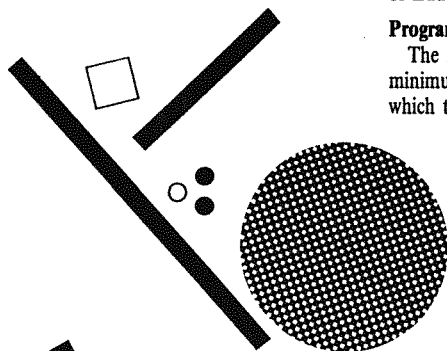
For further information, contact the chairman, department of Continuing Studies.

Advanced standing

Students who complete ministry of Education courses through the College after June 30, 1979, may be eligible to receive up to two courses in advance standing towards the BEd degree Route II. For further information, contact the chairman, department of Continuing Studies, Prof. V. Cicci.

COLLEGE OF EDUCATION

continuing studies



N

ote:

1. **EDUC 411** - Prerequisite - candidates must pass an oral and written French proficiency test. Dates to be announced in early September.

2. **EDUC 441, 442, 444, 445** (Hamilton) candidates will be expected to participate in an Outdoor Education weekend September 30 to October 2.

3. **EDUC 441, 442** (Thorold) - candidates will be expected to participate in Outdoor Education sessions - dates to be announced at the first session.

4. **EDUC 461, 462** - Computers in the Classroom. Each course will have a maximum enrolment of 32 candidates.

5. **ALL COURSES WILL HAVE A MINIMUM/MAXIMUM ENROLMENT.** To ensure a place please complete the Registration and Candidate Information forms and return with necessary documentation as soon as possible. Forms received after June 1, (summer session) and September 9 (winter session) may be considered only on courses that are not filled. Courses that do not meet the minimum number of required candidates (24-30) will be cancelled. This decision will be made during the first week of June for summer session and the second week of September for winter session.

6. **MATERIAL/ACTIVITY FEE** - All courses carry this additional fee. It will be collected on the second day of the course. **Make cheque payable to BROCK COLLEGE OF EDUCATION. DO NOT INCLUDE THIS FEE WITH YOUR COURSE FEE.** For **EDUC 414, 415** - \$20.00. For **EDUC 441, 442, 444, 445** - \$35.00. For **EDUC 452** - \$25.00. For All Other Courses - \$10.00.

7. **APPLICATION, ADMISSION, REGISTRATION** -for all matters regarding application forms, admission requirements, fees and registration procedures please write or contact:

**ASSISTANT REGISTRAR, BROCK UNIVERSITY,
ST. CATHARINES, ONTARIO L2S 3A1
(416) 688-5550, Ext. 562.**

COLLEGE OF EDUCATION

continuing studies

ADDITIONAL QUALIFICATIONS COURSES FOR TEACHERS WINTER SESSION 1983-84

The following courses will be offered pending sufficient enrolment. All courses will run from 6:30 to 9:30 pm (First session date in September).

Course (Section)	First Session	Location	
EDUC 411 (09) F.S.L. 1	Tues. 20th	Brock College of Educ.	Room 204, 205
EDUC 411 (93) F.S.L. 1	Wed. 22nd	Orchard Park Sec. School	Stoney Creek
EDUC 412 (93) F.S.L. 2	Wed. 22nd	Orchard Park Sec. School	Stoney Creek
EDUC 414 (09) Music P/J 1	Mon. 19th	Brock College of Education	Room 317
EDUC 415 (09) Music P/J 2	Mon. 19th	Brock College of Education	Room 324, 327
EDUC 417 (09) Special Education 1	Wed. 21st	Brock College of Education	Rooms t.b.a.
EDUC 417 (29) Special Education 1	Wed. 21st	St. Mary's High School Hamilton	
EDUC 417 (97) Special Education 1	Thurs. 22nd	Cayuga Sec. School, Cayuga	
EDUC 418 (09) Special Education 2	Wed. 21st	Brock College of Education	
EDUC 418 (29) Sepcial Education 2	Wed. 21st	St. Mary's High School, Hamilton	
EDUC 421 (51) Reading 1	Tues. 20th	Simcoe Comp. S.S.	Simcoe
EDUC 421 (93) Reading 1	Wed. 21st	Orchard Park Sec. School	Stoney Creek
EDUC 422 (93) Reading 2	Wed. 21st	Orchard Park Sec. School	Stoney Creek
EDUC 427 (29) Librarianship 1	Tues. 20th	Elizabeth Bagshaw Sc., Hamilton	t.b.a.
EDUC 428 (29) Librarianship 2	Tues. 20th	Elizabeth Bagshaw Sc., Hamilton	tba
EDUC 432 (29) Childhood Educ.	Tues. 20th	Blessed Sacrement, Hamilton	t.b.a.
EDUC 438 (09) Primary Ed. 2	Tues. 20th	Brock College of Educ.	Room 203
EDUC 441 (29) PHED P/J 1	Tues. 20th	Southmount Secondary, Hamilton	Rooms t.b.a.
EDUC 441 (96) PHED P/J 1	Wed. 21st	A.T. Clancy School, Thorold	
EDUC 442 (29) PHED P/J 2	Tues. 20th	Southmount Secondary, Hamilton	
EDUC 442 (96) PHED P/J 2	Wed. 21st	A.T. Clancy Secondary, Thorold	
EDUC 444 (29) PHED I/S 1	Tues. 20th	Southmount Secondary, Hamilton	
EDUC 445 (29) PHED I/S 2	Tues. 20th	Southmount Secondary, Hamilton	
EDUC 452 (09) Visual Arts 2	Tues. 20th	Brock College of Education	Room 305
EDUC 452 (39) Visual Arts 2	Thurs. 22nd	Brantford CIVS	t.b.a.
EDUC 454 (90) Religious Ed. 1	Thurs. 22nd	St. Paul's H.S., Niagara Falls	Rooms t.b.a.
EDUC 454 (29) Religious Ed. 1	Wed. 21st	St. Euenes Secondary, Hamilton	
EDUC 455 (90) Religious Ed. 2	Thurs. 22nd	St. Paul's H.S., Niagara Falls	
EDUC 455 (29) Religious Ed. 2	Wed. 21st	St. Euenes Secondary, Hamilton	
EDUC 457 (29) Integrated Arts	Wed. 21st	Blessed Sacrament, Hamilton	t.b.a.
EDUC 461 (96) Computers in	Mon. 19th	Thorold S.S. (Com. Pet)	Rooms t.b.a.
EDUC 461 (92) the Classroom	Tues. 20th	Denis Morris H.S. (Apple)	
EDUC 461 (29) Part 1	Mon. 19th	t.b.a. Hamilton (Com. Pet)	
EDUC 462 (96) Computers in	Wed. 21st	Thorold S.S. (Com. Pet)	
EDUC 462 (92) the Classroom	Tues. 20th	Denis Morris H.S. (Apple)	
EDUC 462 (29) Part 2	Mon. 19th	t.b.a. Hamilton (Com. Pet)	
EDUC 464 (09) Guidance 1	Tues. 20th	Brock College of Education	Room 207-8
EDUC 465 (09) Guidance 2	Tues. 20th	Brpck College of Education	Room 206
EDUC 467 (09) E.S.L. 1	Tues. 20th	Brock College of Education	Room 209
EDUC 467 (29) E.S.L. 1	Wed. 21st	Canadian Martyrs, Hamilton	t.b.a.

F or further information about any of the programs and courses listed in this brochure: Part Time Programs office 688-5550, ext. 249/250.

PEOPLE TO CONTACT

To arrange a tour of the University, or contact the Speakers' Bureau: Liaison and Information office 688-5550, ext. 245.

For admissions and registration information, and academic counselling:
Registrar's office 688-5550, ext. 434.

For details about scholarships and student loans: Student Awards office 688-5550, ext. 253.

The Brock Centre for the Arts: Box Office 688-5475 or 688-5476; Administration 688-5550, ext. 216.

For information about athletic programs and varsity sports: Physical Education office 688-5550, ext. 384/385.

The University's mailing address is: Brock University, St. Catharines, Ontario, L2S 3A1.

If you are planning on *returning* to Brock to continue your studies, please complete the following form and return it to the Registrar's Office by: Friday, August 19, 1983.

Please note: This form is to be used only by returning students who are registering in degree credit courses. Do NOT enclose payments with this form.

Registration Form Request

Student Name: _____
First Name Middle Initial Surname

Student Number: _____

Address: _____
Street No. Street Name Apt. No.

City Province Postal Code

Telephone: _____
Home Business

Please indicate the session(s) you are planning on attending:

☐ Spring Evening

☐ Summer Day

☐ Fall/Winter

Registration Form

to be used for PIE courses and general interest courses only
(Please print and include course number and title)

I wish to enrol in the following course(s):

Fee

1. ☐☐☐—☐☐—☐☐☐ _____

2. ☐☐☐—☐☐—☐☐☐ _____

Name: _____

Address: _____

Total

Postal Code: _____

Telephone (Home): _____

(Business): _____

Mail this form along with your cheque made payable to Brock University to:

Office of Part Time Programs

Room Thistle 263, Brock University

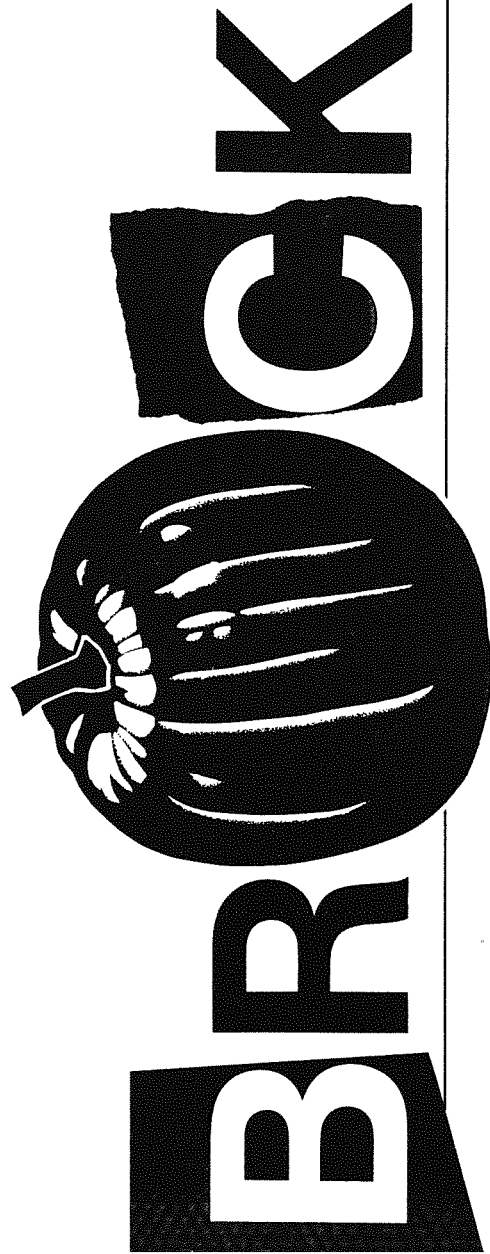
St. Catharines, Ontario L2S 3A1

This section to be completed for PIE programs only:

1. If you have ever been involved in a program similar to the one you are applying, please describe and indicate the sponsoring organization:

2. Describe briefly your goals for the workshop: _____

**BROCK
CENTRE
for the ARTS**
Brock University, St. Catharines



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ENTERTAINMENT!*

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★ *CHILDREN'S SERIES* ★
★ *FILM* ★

Information and Reservations Phone: 688-5475 / 688-5476

BROCK UNIVERSITY
ST. CATHARINES, ONTARIO
CANADA L2S 3A1

Application for Admission to Part-Time Studies

OFFICE OF THE REGISTRAR
416-688-5550, Ext. 431

SOCIAL INSURANCE NUMBER									

PLEASE SEE REVERSE SIDE FOR INSTRUCTIONS
(Shaded areas for office use only)

REFERENCE NUMBER									
FOR OFFICE USE ONLY									

(PLEASE PRINT)

MR. <input type="checkbox"/> MRS. <input type="checkbox"/> 1 3 MS. <input type="checkbox"/> MISS <input type="checkbox"/> 2 4		SURNAME:	GIVEN NAMES (ALL NAMES IN FULL, AS ON BIRTH CERTIFICATE)			SEX: 1 <input type="checkbox"/> MALE 2 <input type="checkbox"/> FEMALE	
ADDRESS: NUMBER		STREET		APARTMENT	CITY	COUNTY OR REGION	
PROVINCE	COUNTRY		POSTAL CODE		TELEPHONE NUMBER		MARITAL STATUS:
					AREA CODE NUMBER		SINGLE <input type="checkbox"/> MARRIED <input type="checkbox"/> DIVORCED <input type="checkbox"/> SEPARATED <input type="checkbox"/> WIDOWED <input type="checkbox"/> 1 2
FORMER SURNAME:		DATE OF BIRTH:		BORN IN CANADA OR CANADIAN CITIZEN OR		STATUS IN CANADA IF NOT CANADIAN CITIZEN	
		DAY MONTH YEAR		0 <input type="checkbox"/>		Permanent Resident (Landed Immigrant) 1 Student Visa 2 Other Visa 3	
EMPLOYMENT: IF EMPLOYED, NAME OF EMPLOYER				OCCUPATION		COUNTRY OF CITIZENSHIP	
						DATE OF ENTRY INTO CANADA	
						MONTH YEAR	
BUSINESS TELEPHONE:				AREA CODE		NUMBER	
MOTHER TONGUE (Language First Spoken)				ENGLISH <input type="checkbox"/> 1		FRENCH <input type="checkbox"/> 2	
				OTHER <input type="checkbox"/> 3		PLEASE SPECIFY	

SECONDARY SCHOOL(S) ATTENDED	LOCATION OF SCHOOL	GRADE COMPLETED	YEAR
			FROM 19..... TO 19.....
			FROM 19..... TO 19.....

POST-SECONDARY INSTITUTIONS ATTENDED: LIST IN ORDER OF LATEST ATTENDANCE

NAME OF INSTITUTION AND LOCATION	PROGRAM	DEGREE OR CERTIFICATE OBTAINED	YEAR
			FROM 19..... TO 19.....
			FROM 19..... TO 19.....
			FROM 19..... TO 19.....

I AM APPLYING FOR ADMISSION AS: (please check one)	<input type="checkbox"/> ONTARIO GD XIII GRADUATE (OR EQUIVALENT);	<input type="checkbox"/> A MATURE STUDENT;	<input type="checkbox"/> A TRANSFER STUDENT FROM A COLLEGE OR UNIVERSITY;	<input type="checkbox"/> AUDITOR - NO CREDIT
	<input type="checkbox"/> A SPECIAL STUDENT HOLDING A DEGREE;	<input type="checkbox"/> AS A STUDENT ON A LETTER OF PERMISSION FROM _____ (HOME UNIVERSITY)		
	<input type="checkbox"/> NON-DEGREE -			

I INTEND TO STUDY FOR: (please check one)	<input type="checkbox"/> B. Admin.	<input type="checkbox"/> B.A.:	PROPOSED MAJOR(S) _____
	<input type="checkbox"/> B. Bus. Econ.	<input type="checkbox"/> B. Sc.:	PROPOSED MAJOR(S) _____
	<input type="checkbox"/> B.Ph.Ed.	<input type="checkbox"/> B.R.L.S.	

SESSION FOR WHICH APPLICATION IS MADE:	<input type="checkbox"/> FALL/WINTER;	<input type="checkbox"/> SEPTEMBER ENTRY	<input type="checkbox"/> JANUARY ENTRY	<input type="checkbox"/> SPRING EVENING	<input type="checkbox"/> SUMMER DAY
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HAVE YOU PREVIOUSLY APPLIED TO BROCK UNIVERSITY?	<input type="checkbox"/> YES	<input type="checkbox"/> NO	IF YOU HAVE PREVIOUSLY TAKEN COURSES AT BROCK, PLEASE INDICATE YOUR BROCK STUDENT NUMBER	
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I HEREBY CERTIFY THAT ALL STATEMENTS ARE CORRECT AND COMPLETE INCLUDING MY DECLARATION OF CITIZENSHIP AND STATUS IN CANADA. I UNDERSTAND THAT I MAY HAVE TO PROVIDE DOCUMENTATION AT SOME FUTURE DATE TO SUBSTANTIATE MY CLAIM AND THAT ANY MISREPRESENTATION OF THIS DATA MAY RESULT IN THE CANCELLATION OF MY ADMISSION OR REGISTRATION STATUS.

DATE..... SIGNATURE.....

INSTRUCTIONS TO APPLICANTS:

1. All candidates for admission to full-time study must complete the appropriate Ontario University Applications Centre application form.
2. Applicants who have attended secondary school must arrange to have official transcripts of final marks **sent directly** to Brock University by their principal or guidance counsellor.
3. Applicants transferring from a college or university must arrange to have official transcripts **sent directly** to Brock University by the institutions concerned.
4. Applicants who are seeking admission on the basis of documents which are in a language other than English must submit the original documents as well as notarized English translations of the documents.
5. Applicants whose mother tongue is not English are required to submit proof of proficiency in English. Normally this will be evidence of satisfactory performance on TOEFL — Test of English as a Foreign Language, Educational Testing Service, Princeton, New Jersey, U.S.A.
6. **Please direct all documents and enquiries to:**
Admissions, Office of the Registrar,
Brock University,
St. Catharines,
Ontario. L2S 3A1

Telephone: (416) 688-5550, ext. 434

SPECIAL NOTE: Early application is encouraged. Late applications may not be able to be processed in time for registration.

BROCK



1983 FALL & WINTER PART-TIME STUDIES

FOR FURTHER INFORMATION CONTACT THE OFFICE OF PART TIME PROGRAMS 416 688-5550, EXT.249