



**FALL AND WINTER
PART TIME PROGRAMS
1 · 9 · 8 · 4 / 8 · 5**

Brock University / St. Catharines, Ontario

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ALL ABOUT BROCK

NIAGARA'S NEIGHBOURHOOD UNIVERSITY

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

More than 3800 full time and 4700 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, summer programs for children, and workshops in professional development. Brock also takes 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 to a rewarding pass (15 credits) or honors (20 credits) degree. 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.

THE UNIVERSITY LIBRARY

The University Library is housed on five floors of the Arthur Schmon Tower, the focal point of the campus. Its collections, numbering 650,000 items, are provided to support the teaching and research programs of the University. All students and faculty have access to the collections. Individual study accommodation is available for 650 readers.

The Library maintains a number of separate collections: the Documents Collection, which contains official government and international organization publications; a fine arts collection; and the Niagara Regional Collection, which contains material published about the Niagara region. Items not available in the Library may be requested to be borrowed from other libraries through the Interlibrary Loan Service.

The Listening Room, equipped with record players and tape decks, is situated on the main floor and contains over 5,000 recordings of music, plays, documentaries and lectures. All music books and scores are shelved here.

Experienced librarians are available to assist in the use of specialized computer services such as the computer information retrieval systems, DIALOG, QL and INFOGLOBE.

Individual and group orientation tours are provided and instructional classes and bibliographic seminars are available.

More detailed information on library privileges, collections, services and hours can be found in a series of brochures available in the Library.

BROCK CENTRE FOR THE ARTS

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 for the talents of our own drama and theatre students. For further information call the Box office, 688-5475 or Administration, 688-5550, ext. 3216.

PHYSICAL EDUCATION COMPLEX

For the athletically-inclined participant or spectator, the place to be is the Physical Education Complex. Facilities include two gymnasias, combatives rooms, a fencing and dance studio, a weight and training room, five squash courts, a handball court, and an eight lane, 50 metre swimming pool. Memberships 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 to scores of individual enthusiasts. Varsity team sport, intramural programs and informal competitions are staged here. For further information call 688-5550, ext. 3384/3385.

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.

Summer hours are Monday to Friday 10 am - 4:30 pm. Beginning Tuesday, September 4, fall/winter hours will be Monday to Thursday, 9 am to 7 pm and Friday, 9 am to 4:30 pm.

DAY CARE CENTRE

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 co-operative 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 688-0832.

INFORMATION FOR DISABLED STUDENTS

The University has provided access ramps and other library and laboratory equipment and services for disabled students. A private study room and specialized equipment including a reading machine, brailers, a talking calculator, magnifying glasses and an elevated wheelchair are available. Further information is available from the Reference Department in the University Library.

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. 3245.

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. 3245.

PART TIME PROGRAMS OFFICE

The Part Time Programs Office is responsible for the planning and development of part time degree programs and the increasingly popular general interest courses. Part time degree programs are available throughout the year in four academic sessions: spring day, summer evening, fall/winter day and fall/winter evening. The Office publishes two part time program calendars each year, in March and in August, and distributes them through local newspapers and community outlets. General interest programs are attracting a greater number of participants each year, and this year the number of programs offered as general interest courses has risen to 40.

As well, the Part Time Programs Office has begun publication of a newsletter for part time students and prospective students. The first issue of the newsletter will be available shortly. It will contain background information on general interest courses, autobiographical information on instructors, plans for developments in part time studies and issues of particular concern to part time students.

The office is located in room 263 of the Thistle Complex, East Corridor. Office hours are 8:30 am to 4:30 pm, Monday to Friday (closed daily between noon and 1 pm). Telephone 688-5550, ext. 3249 or 3250.

PART TIME STUDENTS ASSOCIATION PUB NIGHTS

Brock University Part Time Students Association presents a series of Pub Nights to be held in the Faculty Club, 13th Floor, Schmon Tower on the following dates:

Tuesday, September 25	9 pm
Thursday, December 6	9 pm
Monday, January 21	9 pm
Wednesday, April 10	9 pm

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

DATES AND DEADLINES

1984

August	13	Monday	All applications for full and part time enrolment must be received by the Registrar's office by this date, to ensure processing for normal registration. After this date a \$25 late registration fee may apply.
September	3	Monday	Labour Day. University closed; library closed.
	5	Wednesday	Registration for fall/winter evening sessions for students taking Monday/Wednesday classes.
	6	Thursday	Registration for fall/winter evening sessions for students taking Tuesday/Thursday classes.
	10	Monday	First day of classes, day and evening sessions, fall term.
	19	Wednesday	Part Time Programs Office extends office hours to 7 pm for registration in General Interest Courses. Registration for Brock Aquatic Centre swim lessons in lobby of Physical Education Complex, from 6-8 pm. First day of classes, In-service education courses, fall/winter session.
	21	Friday	No course registrations will be accepted after this date. Last day for fall term half course changes with permission of the instructor. Last day for In-service education course changes with permission of the instructor (subject to all course prerequisites being met).
October	5	Friday	Last day for full course changes with permission of the instructor.
	8	Monday	Thanksgiving Day. University closed; library closed.
November	15	Thursday	Last day for withdrawal without the assignment of a grade for fall term half courses.
December	7	Friday	Last day of classes, fall term. Last day of In-service education classes, fall term.
	7 to 22	Friday to Saturday	Mid-year (progress) examinations for courses numbered 100-199. Final examinations for fall term half courses.
	23	Sunday	Christmas recess begins.

DATES AND DEADLINES

1985

January	7	Monday	First day of classes, winter term. First day of In-service education classes, winter term.
	18	Friday	Last day for winter term half course changes with permission of the instructor.
	31	Thursday	Last day for applications for Ontario Student Assistance Program (OSAP) for winter term.
February	24	Sunday	Winter reading week, to Sunday, March 3. No classes will be held.
March	4	Monday	Last day for withdrawal without the assignment of a grade for all fall/winter full courses and winter term half courses.
	29	Friday	Last day of In-service education classes, fall and winter term.
April	5	Friday	Good Friday. University closed; library open.
	12	Friday	Last day of classes, winter term.
	13	Saturday	Final examinations.
	to		
	30	Tuesday	Registration and first day of classes, spring evening session.
	29	Monday	
	and 30	Tuesday	

GENERAL INTEREST COURSES

General interest courses are offered throughout the year by the University through the Part Time Programs Office for the personal enrichment and enjoyment of the general public. They are open to everyone and require no previous experience or academic background. There are no prerequisites unless specified in the course description. The programs do not carry "credit" nor do they normally lead to certificates, diplomas or degrees. In some cases, associations may accredit successful applicants.

These courses provide an ideal opportunity for those interested in systematic study to do organized reading and writing, learn new skills and exchange ideas with instructors and fellow students in a pleasant environment.

Your own interest is all that is needed to ensure success in a general interest course.

GENERAL INTEREST COURSE REGISTRATION

You may register as soon as you receive this brochure by using the application form in the back section. Enrol early to be assured of a place as applications are accepted in order of their arrival and some enrolments are limited. Registration should be completed at least one week before the first scheduled session of the course.

You may register either by mail or by presenting in person your completed application form together with the full fees to the Part Time Programs Office (Thistle Complex, East Corridor, Room 263). Normal office hours are 8:30 am until 4:30 pm (closed between 12 and 1 pm).

The Part Time Programs Office will extend their normal office hours until 7 pm on Wednesday evening, September 19 for the convenience of those who have not yet applied for general interest course registration.

FEES

Fees are indicated at the end of the course descriptions and are payable at the time of registration. Please make cheques payable to Brock University. Post-dated cheques are not acceptable.

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 \$40. This fee, which covers the period September 1, 1984 to August 31, 1985, entitles older adults to the following:

- free registration in general interest courses and workshops, if there are a sufficient number of other paying registrants to make the course viable

- a Brock University extra-mural library card is available for a nominal fee of \$2.00 from the library

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 normal registration procedures for general interest courses as outlined above. Please indicate "Special fee for older adult" on the registration form, as well as your birthdate. Once you receive confirmation of your registration by mail, simply telephone the Part Time Studies Office to register for further courses.

FEE REFUNDS

Fees are refundable in full only when a course is cancelled. Refunds for other reasons must be requested in *writing* and be received in the Part Time Programs Office 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.

DAILY SCHEDULE FOR GENERAL INTEREST COURSES

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY AND SUNDAY
Personal income tax preparation	Small business seminar	Income tax for small business	Investing in the stock market	September 28 — Intermediate birding — a field guide to fall migration	Intermediate birding — a field guide to fall migration
It's your money	Stock option strategies	Supervisory skills	A crash course on management	(see also Saturday and Sunday)	Intermediate birding — a field guide to winter birds
Introduction to microcomputers	Recognition and treatment of sports injuries (see also Saturdays and Sundays)	Reading Shakespeare — Part I	BASIC computer programming for beginners — Part I	November 9 — Intermediate birding — a field guide to winter birds	September 9 — The art of winemaking
BASIC computer programming for beginners — Part I		Reading Shakespeare — Part II	BASIC computer programming for beginners — Part II	(see also Saturday and Sunday)	October 20, 21 — Leadership, motivation and stress workshop
Great books seminar	Aviation weather for VFR pilots	Speedreading*			
Egyptian hieroglyphs	What's new in piano teaching	Write — and be published!	Criminal law for the layperson		November 10, 11 or January 12, 13 — Recognition and treatment of sports injuries (see also Tuesday)
Speedreading*	Wine appreciation (Section B)	Topics on nutrition	National Coaching Certification Program — Level II Theory		
Family law	Practical gemmology	An introduction to nuclear energy	Fitness and lifestyle lecture series		
Wine appreciation (Section A)	An introduction to calligraphy	Decisions for the Great Lakes	The Welland Canals and the Niagara Region		
Geology of the Niagara Peninsula					
Current issues in Soviet society	The art of cartooning				
Adventures in attitudes	The art of political cartooning				

* Classes are held every Monday and Wednesday each week for 8 weeks.

GENERAL INTEREST COURSE DESCRIPTIONS

BUSINESS AND FINANCIAL MANAGEMENT

GEN-32-100

Small business seminar

This is a down-to-earth program dealing with the fundamentals of marketing, accounting, finance and management. Manufacturing, retailing and service operations will be discussed. Course topics include: setting up a small business; sound management guidelines and tools; control and research techniques; merchandising and sales; accounting methods; sources of financing; planning and forecasting; the company plan.

Using available textbooks, assignments will focus on the individual needs of the participants, whether they be just setting up a small business or presently operating one. The goal of the program is success for your enterprise.

**Ken Blawatt/6 Tuesdays/7-10 pm/
Oct. 3 to Nov. 7/Fee: \$100**

GEN-32-101

Personal income tax preparation

The course will provide some insights into the Canadian Income Tax Act and will guide the participant in the preparation of income tax returns. Course topics will include: income; interest and capital gains; deductions from income; calculation of taxes payable.

**Bob Nori/6 Mondays/6:30-9:30 pm/
Oct. 1 to Nov. 12, excluding
Oct. 8/Fee: \$50**

GEN-32-102

Income tax for small business

Familiarity with income tax rules can save a business money. The object of the course is to provide some knowledge of taxation rules and to apply them to the operation of small business operations in order to minimize tax obligations. Course topics include: forms of doing business — partnership, sole proprietorship, corporations; fiscal year ends; capital gains and losses; capital cost allowance or depreciation;

allowable expenses; basic book-keeping; some tax planning. This is not a course in preparing income tax returns. Some knowledge of income tax would be helpful.

**Nicholas Minov/6 Wednesdays/
7-9 pm/Oct. 3 to Nov. 7/Fee: \$45**

GEN-32-103

Leadership, motivation and stress

This two day, three module weekend workshop will be of interest to all supervisors — the newly promoted, the experienced and the about-to-be. Self-awareness and skill development are the key objectives in this intensive examination of motivation, leadership and stress management. Participants from a variety of organizational settings, will be instructed by a variety of methods: questionnaire/feedback; small group discussion; films. Come and join your supervisory colleagues in a stimulating learning environment. Enrolment is limited.

**Carol Sales/Saturday, Oct. 20,
9-4 pm and Sunday, Oct. 21,
9-1 pm/Fee: \$85**

GEN-92-102

It's your money

This course is designed to prepare those who have income to invest with the fundamentals of investment strategy. Topics to be included are: the difference between debt and equity; taxation of different types of investment income; a comparison of investment funds; getting better returns from R.R.S.P.'s and R.H.O.S.P.'s; indexed security investment plans; tax planning to reduce income tax; buying life insurance.

**Willard Wright/6 Mondays/
7:30-9:30 pm/Oct. 1 to Nov. 12,
excluding Oct. 8/Fee: \$50**

GEN-92-110

Investing in the stock market

After inflation and taxes, bonds and debentures are not providing, in many cases, a safe haven for investment capital. This course will attempt to assist both the average individual and advanced counsellor to invest

wisely in the stock and bond markets in Canada and the United States. Areas to be explored include: how a corporation functions; principles of sound investment and sources of information; 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.

**Robert Elliott/6 Thursdays/7-9 pm/
Oct. 4 to Nov. 8/Fee:\$55**

GEN-92-156

Supervisory skills

This program introduces participants to the basic theories and skills of supervisory practices in six sessions through the use of case studies, role playing and experiential learning. Course topics include: communication skills and their impact on employee performance; leadership style and its effect on employee motivation; personal management — career path planning and stress management; effective time management; planning, running and reporting on meetings; employee performance standards and appraisals; job analysis and personal selection, including interviewing skills.

**Foster and Karen Zanutto/
6 Wednesdays/7-10 pm/Oct. 10
to Nov. 14/Fee: \$100**

GEN-92-160

A crash course on management

John Cleese of *Monty Python* and *Fawlty Towers* fame has hosted a series of management training films, six of which make up the central feature of this course. Lighthearted in presentation but serious in intent, the films dramatize some important lessons for managers. They are based on a sound understanding of the management process and offer realistic solutions to problems.

The films will be accompanied by short lectures and group exercises to help participants grasp and apply essential management principles. Topics to be considered: management by objec-

tives; delegating authority; performance standards; ensuring results; motivation; running better meetings.

The sessions are primarily aimed at management and supervisory personnel but could also be useful to those who foresee promotion to this level in the near future, or to students in business programs.

Duncan S. Pollock/6 Thursdays/ 7-9 pm/Oct. 4 to Nov. 22/ Fee: \$65

GEN-92-163

Stock option strategies

Investments of any kind carry a certain amount of risk, usually related to fluctuations in interest rates, currencies or the prices of gold, silver and stock. Options provide the most versatile form of risk management as well as a multitude of opportunities for profit.

Options have become the fastest growing exchange-traded vehicle in recent years, with new products being introduced regularly. Among the latest are options on an oil index, a high-tech index and on the whole New York Stock Exchange. For a modest premium, an investor anticipating a move can design an option approach.

This course will look at various hedging strategies tailored to protect investments against adverse declines and at the many techniques useful for speculators with option tools. A comparative analysis of options and commodities will be made, with reference to the risks, margin requirements and potential profits.

Applicants should be modestly familiar with basic investments in the stock market.

Elaine Herzog/6 Tuesdays/7-9 pm/ Oct. 2 to Nov. 6/Fee: \$40

COMPUTERS

GEN-16-107

Introduction to microcomputers

Using the TRS-80 Color Computer, the student will be introduced to the microcomputer — its components, functions,

and capabilities. The student will also learn to write simple programs in BASIC language and have a better understanding of personal and business applications of the microcomputer.

Morris Cohen/6 Mondays/7-10 pm/ Nov. 12 to Dec. 17/Fee: \$65

GEN-16-108

BASIC computer programming for beginners — Part I

Students will have a hands-on experience in learning microcomputer programming in the BASIC language using a TRS-80 Color Computer. The course is designed for persons with little or no knowledge of computers or computer languages and will proceed at a pace that will allow for numerous explanations of concepts and practical examples. Those completing the course will be able to read and write simple programs.

Required reading: Instant BASIC, Edition II, J.R. Brown, Dilithium Press, 1982.

There are four sections of this course. Please indicate the section for which you are registering. Enrolment is limited.

Section A: 6 Mondays/7-9 pm/ Sept. 24 to Nov. 5, excluding Oct. 8

Section B: 6 Thursdays/7-9 pm/ Sept. 27 to Nov. 1

Section C: 6 Thursdays/7-9 pm/ Nov. 8 to Dec. 13

Section D: 6 Thursdays/7-9 pm/ Jan. 10 to Feb. 14

Instructor to be announced/ Fee: \$65

GEN-16-109

BASIC computer programming for beginners — Part II

This course is a continuation of BASIC computer programming for beginners — Part I. Topics include: doubly subscripted variables; functions: subroutines; formatted output; magnetic tape and disk files. Those students completing both Parts I and II will have a thorough knowledge of the BASIC language, its techniques and applications.

Required reading: Instant BASIC, J.R. Brown, Dilithium Press, 1982.

Prerequisite: BASIC computer programming for beginners — Part I, or permission of the instructor.

Enrolment is limited.

Instructor to be announced/ 6 Thursdays/7-9 pm/Feb. 21 to March 28/Fee: \$65

LANGUAGE AND LITERATURE

GEN-02-103

Great books seminar

"Little minds talk about people. Big minds talk about things. Great minds talk about ideas". If you are sometimes frustrated by fuzzy thinking or superficial stereotyping that is the stuff of most social conversation, if you like to probe beneath the surface of human experience, or if you like to talk about ideas, you may enjoy this course.

Through seminar discussion guided by two leaders who are also actively engaged in the process of examining life, the course will examine the writing of four interesting minds which have contributed to our culture — Petronius' *Satyricon*; Plato's *Symposium*; T.S. Eliot's *The Waste Land*; G.B. Shaw's *Major Barbara* (and *Preface*).

The student will be required to read and be prepared to give personal responses to these works, which deal with power, sexuality, social relations, religion and other major concerns, in a free discussion with other like-minded people.

V. Soady and G. Coggins/ 6 Mondays/7-9 pm/Sept. 24 to Nov. 5, excluding Oct. 8/Fee: \$45

GEN-02-104

Reading Shakespeare — Part I

We return to Shakespeare. We always do. He remains central to our reading and appreciation of English literature. For those who would like to make, renew or deepen an acquaintance with Shakespeare's plays and poetry

this course offers an opportunity to read and analyze four plays — *Romeo and Juliet*, *A Midsummer Night's Dream*, *Twelfth Night* and *Hamlet* — and, time permitting, a selection of sonnets.

Explication of the texts will be a basic concern, together with a study of the language and structure of the particular works. There is no prescribed text, but the instructor will be working from *The Riverside Shakespeare* (complete).

Kenneth M. McKay/8 Wednesdays/ 7-9 pm/Oct. 10 to Nov. 28/ Fee: \$50

GEN-02-104

Reading Shakespeare — Part II

The course will continue the critical study of Shakespeare's works begun in the Fall term (see Reading Shakespeare — Part I), although students need not have taken Part I to enjoy this course.

The winter term course of study includes *Macbeth*, *Othello*, *King Lear*, *Antony and Cleopatra* and *The Tempest* and others, time permitting. There is no prescribed text, but the instructor will be working from *The Riverside Shakespeare* (complete).

Kenneth M. McKay/8 Wednesdays/ 7-9 pm/Jan. 16 to Mar. 6/ Fee: \$50

GEN-10-110

Egyptian hieroglyphs

An introduction to ancient Egyptian hieroglyphs, the fascinating, mysterious writing system used by the ancient Egyptians for more than 3,000 years. In this course you will study the basic structure of the ancient Egyptian language including the Rosetta Stone, hieroglyphic writing, ideographs, phonetics and determinatives, pronouns and pronominal suffixes, nouns, articles, adjectives, numerals and the verb. Students should expect to have a rudimentary knowledge of the ancient Egyptian language and writing system. This course will appeal to people travelling to Egypt as well as to those in-

terested in ancient history, art history, ancient languages and linguistics.

**Frederick Casler/6 Mondays/
7-9 pm/Sept. 24 - Nov. 5,
excluding Oct. 8/Fee: \$40**

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.

**Mrs. R. Reed and Mrs. E. Mayer/
Mondays and Wednesdays for
8 weeks/5-7 pm/Sept. 17 to
Nov. 12, excluding Oct. 8/
Fee: \$65**

GEN-92-164

Write — and be published!

Serious writers who have mastered the basics of writing, but who still get rejection slips, will be interested in these sessions on the art of getting published.

The techniques and tools of the professional writer and the

secrets of the trade will be examined. By analyzing the current marketplace and identifying potential markets, by sharpening your writing skills and then tailoring this knowledge to your particular need, our goal is to get you published. Those with an interest in communicating well through the written word — be it in a novel, a magazine article or verse for greeting cards — can benefit.

**David Thomas/8 Wednesdays/
7-10 pm/Oct. 3 to Nov. 21/
Fee: \$75**

LAW

GEN-92-111

Family law

Most of us do not think of our families in "legal" terms; however, to be a member of a family, whether we are married or living in a common-law relationship, means that we have certain rights and obligations which flow from the family unit as it is constituted in our society. This course deals with the various aspects of family law as they relate to our rights and obligations under provincial and federal legislation and case law. The approach is towards practical, as opposed to theoretical, solutions to the numerous legal problems which arise within the family.

**Sherry M. Wiesner/6 Mondays/
7-10 pm/Oct. 1 to Nov. 12,
excluding Oct. 8/Fee: \$55**

GEN-92-145

Criminal law for the layperson

The goal of this course is to give a basic understanding of Canada's criminal justice system. By reference to some well-publicized cases, through open discussion of controversial issues and presentation of a mock trial, the student will determine how the system works, or doesn't work. The course will cover: an introduction to criminal law — or, how many ways can we break the law?; "cops and robbers" — how the police get their man; arrest and trial — and bailing out; the Court

system — its participants (lawyers, judges, juries) and processes (defence, prosecution, verdicts, sentencing). Selected topics for discussion include capital punishment, abortion, victim's rights, and the Charter of Rights and Freedoms.

**Paul D. Stunt/8 Thursdays/
7-9 pm/Oct. 4 to Nov. 22/
Fee: \$50**

PHYSICAL EDUCATION, FITNESS AND HEALTH

GEN-05-101

Topics on nutrition

This is a lecture-discussion course that will provide information on the major classes of nutrients, the nutrient values of common foods, and the relationship of nutrition and diet to such diseases as cancer, diabetes and heart disease. Attention will be given to the topics of weight control, nutrition for athletes and hyperactivity in children.

The text used will be *Jane Brody's Nutrition Book* (paperback), W.W. Norton and Co. (1981).

**Dr. Don Ursino/6 Wednesdays/
7-9:30 pm/Oct. 3 to Nov. 7/
Fee: \$50**

GEN-18-111

National Coaching Certification Program: Level II Theory

The "coaching of coaches" program extends the theory and principles covered in Level I theory, offering coaches of all sports additional information on such topics as leadership, motivation, nutrition and fitness. The constant interaction of participants in groups dealing with issues based on carefully planned work units allows for a fruitful interchange of ideas. The course is non-examinable and a certificate is awarded based on 100% attendance.

**Dr. Ian R. Haslam/7 Thursdays/
7-10 pm/Oct. 4 to Nov. 15/
Fee: \$50**

GEN-18-115

Fitness and lifestyle lecture series

Fitness professionals and consumers can listen to and discuss the issues of lifestyle, health and fitness with a number of health professionals in this six lecture series. Topics to be considered are: the philosophy of lifestyle and fitness; a doctor's look at the fitness boom; injuries and fitness programs; fitness drop-outs; stress; nutrition. Both the positive and negative aspects of the fitness craze will be examined, from the points of view of doctors, nutritionists, physiotherapists and psychologists.

**Charlotte Sutcliffe/6 Tuesdays/
7-10 pm/Jan. 22 to Feb. 26/
Fee: \$50**

GEN-92-153

Recognition and treatment of sports injuries

A knowledge of emergency first aid is an invaluable skill. To those responsible for the health, welfare and safety of athletes — teachers, coaches, athletic trainers, physical therapists, nurses and fitness club administrators — as well as athletes themselves, this knowledge is essential.

This course will cover both emergency first aid theory and practical skills for those responsible for rendering first aid in athletic situations. Course topics include: pre-planning and treatment of athletic injuries; head and spinal cord injuries; hemorrhage; joint injuries; muscle injuries; fractures; thermal injuries; shock.

Successful participants will be accredited by the Ontario Athletic Therapist Association.

There are three sections of this course. Please indicate the section for which you are registering.

**Section A: 6 Tuesdays/6:30-
9:30 pm/Oct. 2 to Nov. 6**

**Section B: Saturday, Nov. 10 and
Sunday, Nov. 11/8-12 am and
1-5 pm**

**Section C: Saturday, Jan. 12 and
Sunday, Jan. 13/8-12 am and
1-5 pm**

Joseph P. Kenny/Fee: \$50

RECREATIONAL ACTIVITIES AND HOBBIES

GEN-05-106

Intermediate birding: a field study of fall migration

This course will consist of one introductory class held on Friday, September 28, and six field trips, to be held on Saturdays or Sundays in the fall term in the Niagara Region and nearby New York State.

The introductory class will acquaint students with the types of birds to be studied in the field trips and the procedures for identification. The dates and locations for the field trips will be discussed and decided at this class.

The recommended text is Peterson's *Field Guide to the Birds of Eastern North America*.

Drew Campbell/Friday, Sept. 28, 7-10 pm, and 6 Saturdays or Sundays, Sept. 29 to Nov. 3/Fee: \$60

GEN-05-107

Intermediate birding — a field study of winter birds

This course will consist of one introductory class to be held on Friday, November 16, and six field trips, to be held on Saturdays or Sundays in the winter term in the Niagara Region and nearby New York State.

The introductory class will acquaint students with the types of birds to be studied on the field trips and procedures for identification. The dates and locations for the field trips will be discussed and decided at this class.

The recommended text is Peterson's *Field Guide to the Birds of Eastern North America*.

Drew Campbell/Friday, Nov. 9, 7-10 pm, and 6 Saturdays or Sundays, Nov. 10 to Dec. 15/Fee: \$60

GEN-18-116

Aviation weather for VFR pilots

Annually, between 80 and 90% of general aviation accidents have weather as a contributory or major cause factor. This

course aims to give pilots a thorough knowledge of basic weather theory, methods for acquiring and evaluating aviation weather information, and an awareness of and respect for aviation weather hazards. The pilot will be better prepared to make the go/no go decision in marginal VFR conditions.

Films, lectures, scenarios and discussions based on actual incidents and accidents caused by weather factors will be utilized. The course is open to licenced pilots and student pilots with over 30 flight hours.

This course has two sections. Please indicate the section for which you are registering.

Section A: 6 Tuesdays/7-9:30 pm/Oct. 6 to Nov. 6

Section B: 6 Tuesdays/7-9:30 pm/Jan. 8 to Feb. 12

Mike Laurence/Fee: \$60

GEN-31-105

What's new in piano teaching

Have you got the "John Thompson Blues"? Are you or your piano students bored with the traditional piano instruction books and methods? This course intends to examine the latest methods of instructing beginning through intermediate level piano students of all ages. The course will provide a comparison of traditional "middle-C" approaches to the newer multiple-key approaches and will include supplemental repertoires and exposure to new method books. Principles of basic piano technique will also be discussed.

Jane Hayes/8 Tuesdays/8-10 pm/Oct. 9 to Nov. 26/Fee: \$50

GEN-92-104

Wine appreciation

The aim of this course is two-fold: to familiarize the student with the great traditional wines and "wine styles" of the world and to teach participants the art of wine tasting and wine assessment.

By understanding the history of wine-making in the finest regions and by tasting wines from the international spectrum, partici-

pants will learn first-hand how to assess wine quality. Knowledge of grape varieties, differing production methods and regional geography and climate influences can bring the vast array of world wines into perspective.

In addition to the lectures, discussions and wine-tasting sessions planned, there will also be a field trip to a local winery.

Section A: H.Gras/8 Mondays/7-10 pm/Oct. 1 to Nov. 26, excluding Oct. 8/Fee: \$95

Section B: Peter J. Gamble/8 Tuesdays/7-10 pm/Jan. 8 to Feb. 26/Fee: \$95

GEN-92-112

The art of winemaking

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; the pros and cons of wine production from grapes or concentrates. 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/Sunday, Sept. 9, 9-4 pm/Bright's Winery, Niagara Falls/Fee: \$35

GEN-92-144

Practical gemmology

By introducing the student to the alluring world of precious gemstones and the profession of gemmology, the course will provide a deeper understanding of and appreciation for fine jewellery. Designed for both the consumer and retail jeweller, the course will cover: gemstone identification; factors affecting gemstones — rarity, beauty, durability; the appeal of diamonds; colored gemstones — rubies, sapphires, topazes, garnets; classification and application of precious (noble) metals — gold, platinum, silver; jewellery design; appraisal procedures and ethics.

Barry Walters/8 Tuesdays/7-9 pm/Oct. 2 to Nov. 20/Fee: \$50

GEN-92-156

An introduction to calligraphy

Ornamental lettering techniques can transform the common process of handwriting into a pleasurable, creative and ultimately profitable skill. Beginning with an overview of the history and evolution of the art of calligraphy and its varied uses, the instructor will present practical instruction in basic technique and then advance to more ornamental and decorative methods. A variety of scripts and appropriate borders and frets will be studied. Teachers will be shown how dysgraphic students can be assisted in overcoming problems of penmanship using calligraphy.

Paul Gosen/6 Tuesdays/7-9 pm/Oct. 2 to Nov. 6/Fee: \$40

GEN-92-170

The art of cartooning

As many of us in childhood drew rough caricatures of teachers, parents and playmates, so from the beginning of human society caricaturing was a private, family or tribal pastime. Despite this ancient lineage, caricature as a consciously developed art form is less than four hundred years old. A product of art and journalism, it is now a conventional form of political and social comment. This "hands-on" course aims to aid the novice caricaturist in his appreciation of the historical and artistic development of the art of cartooning.

Required text is Roy Nelson's *Cartooning* (Random House, Chicago: 1975).

Clifford Gravelle/10 Tuesdays/7-9 pm/Oct. 2 to Dec. 4/Fee: \$50

GEN-92-171

The art of political cartooning

Cartoons have been described as "often the truest history of our times". Certainly they have proven most lasting, for long after columns of print have faded from memory, the drawings still speak. Inventive and irreverent, our best cartoonists simultaneously provoke chuckles

and rueful self-recognition in all of us.

This course traces the development of Canadian political cartooning from the work of J.W. Bengough in the nineteenth century to the current "golden age" of cartoonists.

Required text is Peter Desbarats' *The Hecklers* (McClelland, Toronto: 1979).

**Clifford Gravelle/10 Tuesdays/
7-9 pm/Jan. 8 to Mar. 12/Fee: \$50**

SCIENCE AND THE ENVIRONMENT

GEN-19-101

Geology of the Niagara Peninsula

The aim of the course is to provide the student with an understanding of the geological processes which have resulted in the Niagara Peninsula and the effects of man on the environment and the environment on man, through lectures, slide presentations and a field trip. Course topics include: geological formation (Precambrian to Pleistocene events); Pleistocene events (glaciation); drainage; the Niagara River; the mineral industry; soils; man and the Peninsula.

**Bert Murphy/8 Mondays/7-9 pm/
Oct. 1 to Nov. 26, excluding Oct.
8/and one Saturday field trip/
Fee: \$50**

GEN-19-105

An introduction to nuclear energy

This course will introduce the student to the topic of nuclear energy in layman's terms. Course topics 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 pros and cons of nuclear energy. A field trip to the nuclear power station in Pickering is planned. As much as possible, the topics will be presented in everyday language and will avoid the mathematics, chemistry and physics of nuclear physics.

Bert Murphy/8 Wednesdays/

**7-9 pm/Oct. 3 to Nov. 20/and
one Saturday field trip/Fee: \$50**

GEN-21-102

Decisions for the Great Lakes

The Institute of Urban and Environmental Studies of Brock University and Great Lakes Tomorrow, a bi-national citizens group, co-operatively offer this special course designed to create an informed citizen constituency for the Great Lakes.

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

The main objective of the program is to create a group of informed citizens who will be oriented to the complex issues and relationships of the natural system, the applicable technology and the institutional factors in the 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 co-operating with the Decisions program.

Registration is limited to 30 participants.

**Pat Hayes, Co-ordinator/
10 Wednesdays/6:30-9:30 pm/
Oct. 3 to Dec. 5/Fee: \$45**

SOCIAL SCIENCES

GEN-08-108

The Welland Canals and the Niagara Region

Since 1829, a series of canals have crossed the Niagara Peninsula. They have been extended and improved upon 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 help students understand the characteristics of the four Welland Canals and their attendant communities, both historically and at the present. The course will involve lectures, guest speakers with specialised knowledge of the Canals, include audio-visual presentations and a one-day field trip along the Canal systems. Lectures will be held at Brock University and in resource centres along the Welland Canals.

The text for the course is John N. Jackson, *The Welland Canals: A Comprehensive Guide*, Welland Canals Foundation (St. Catharines), 1982, ca. \$9.95.

**Dr. John N. Jackson/8 Thursdays/
7-9 pm/Oct. 2 to Nov. 22/and
one field trip/Fee: \$50**

GEN-26-102

Current issues in Soviet society

This course will examine the various contradictory aspects of contemporary Soviet society. Course topics include: the current political climate; freedom of the press, expression, conscience and religion; the current official and unofficial art scene. As well, one of the sources of Orwell's *1984* will be examined and other dissident voices heard. Emphasis will be given to the Helsinki Accord Watch Groups and their impact on Soviet and other societies.

**J.A. Frankel/8 Mondays/7-9 pm/
Oct. 8 to Nov. 26, excluding
Oct. 8/Fee: \$45**

GEN-92-169

Adventures in Attitudes

Over 300,000 people in 19 countries have benefited from Adventures in Attitudes. Participants will experience an effective "whole person" approach to self-discovery, growth and self-realization and find enriching new dimensions in human relations, empathy, communications, awareness and concern for people and respect for their indi-

vidual differences. Participants will learn new techniques for self-improvement through the determination of personal strengths, goal setting and time management and new methods to develop strong positive attitudes through the use of positive affirmations. The course aims to be a fun experience you will never forget.

Included in the cost of the course is the textbook *Adventures in Discovery* by Robert Conklin (Personal Dynamics, 1982, \$50.) and the booklet "As a man thinketh" by James Allen.

**Susan and Warner Montgomery/
10 Mondays/7-9:30 pm/Oct. 1 to
Dec. 10, excluding Oct. 8/
Fee: \$100, includes cost of text**

PRO- FESSIONAL AND INDIVIDUAL EXPLOR- ATION (PIE)

PIE is a group of professionals from several disciplines who offer a variety of non-credit programs in life-skills, professional development and personal exploration.

PIE courses are designed to enhance the continuing development of people in their personal lives and professional roles. The courses are intended for persons seeking learning experiences for growth and development and are not intended to be a substitute for psychotherapy nor a quick solution for personal problems.

FACILITATOR PROFILES

Cyndy 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.

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.

Les Myers, B.A. An advanced doctoral candidate in counselling psychology at O.I.S.E. (University of Toronto) and a counsellor at Brock's Counselling Centre, his special interests are humanistic approaches to psychotherapy, hypnosis, clinical applications of humour and laughter, interpersonal skills development, and groups as agents of change.

REGISTRATION

The registration deadline for workshops is 10 days prior to the date of the individual workshop, which is indicated following the course description. A registration form is included in the back section of this book. Complete the form and return to

the Part Time Programs Office together with the full fees payable. Please note that some workshops have limited enrolment.

FEES

Fees are indicated at the end of each workshop description. A 20 per cent reduction in fees will be arranged upon request when two or more persons from the same volunteer organization attend the same workshop. All fees include a \$10.00 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 starting date.

Additional information may be obtained from the Part Time Programs Office, 688-5550, ext. 3249.

CHAUTAUQUA

Chautauqua, first held in 1874 in New York State, 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.

At Brock, a group of professionals from various disciplines, has co-ordinated 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.

Fees:

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

Please indicate on your registration form the number(s) of Chautauqua sessions you wish to attend.

All sessions are held on Monday evenings from 7-10 pm.

1. Goal setting

This workshop will help participants identify important life goals and values and will introduce a process for developing plans and action steps to reach one's goals.

**Cathie Closs and Les Meyers/
Monday, September 17, 1984**

2. Time management

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

**Cathie Closs/
Monday, October 1, 1984**

3. Hypnosis myths and mysteries

This session will concern itself with the misconceptions and realistic potentials of the hypnotic experience. Come and see how useful and non-threatening hypnosis can be.

**Les Myers/
Monday, October 22, 1984**

4. Aging

This workshop is designed to help you to better understand and cope with the process of aging, with emphasis on coping with aging family members. The facts, the myths and some of the major theories of aging will be examined.

**Cyndy Allcock and Cathie Closs/
Monday, November 19, 1984**

5. Living your dying

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

**Les Meyers/
Monday, December 3, 1984**

6. Assertiveness and conflict management: Part I

Participants are required to register for both part I and part II of this combined session. Part I will focus primarily on assertiveness skills and attitudes

and on clarifying the differences between the thoughts, feeling and behaviours of the passive, aggressive and assertive stances in the world. Short lectures and structured exercises will help participants to identify their present predominant stance and develop a more assertive style.

**Cathie Closs and Les Meyers/
Monday, January 14, 1985**

7. Assertiveness and conflict management: Part II

Note: participants are required to have attended part I. The second half of this joint session will build on the first by integrating assertive attitudes and skills into a collaborative model of conflict management. Participants will also have the opportunity to identify their current conflict styles and ploys. While individuals will certainly benefit from their attendance, couples in a relationship that respects individual differences will find these two sessions of particular benefit.

**Cathie Closs and Les Meyers/
Monday, January 28, 1985**

8. Self esteem

This workshop will help participants to understand the nature of self esteem and its relationship to self-concept and behaviour. From a basic understanding of the concept, we will move to practical ways of enhancing the growth of esteem in ourselves and others.

**Cathie Closs/
Monday, February 11, 1985**

9. 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 participants can continue to work on their own to understand what their dreams are saying to them.

**Les Meyers/
Monday, March 11, 1985**

10. Mind games: stimulating your creative self

This condensed version of the day-long program is designed to give people an opportunity to sample the power that mind games can have for them. Mind games are a variety of exciting, structured experiences which take place when the player is in a self-induced, altered state of consciousness. Participants will enjoy playing some mind games that could bring more awareness and creativity into their lives.

**Les Meyers/
Monday, April 1, 1985**

EXTENDED PROGRAMS

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 can 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 Meyers/Tuesday, October 9,
1985 and Tuesday, October 16,
1985 7-10 pm/Fee: \$40**

Working 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 behaviours) to further therapeutic gains. During the workshop, which is aimed at those in the helper's role, participants will be provided with the opportunity to learn and practice some of Erickson's sophisticated yet simple techniques.

**Les Meyers/Saturday, January
12, 1985/9 am - 5 pm/Fee: \$40,
includes lunch.**

Mind games: a day of 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 Meyers/Saturday, April 13,
1985/9am - 5 pm/Fee: \$40,
includes lunch.**

LEARNING SKILLS PROGRAMS

Through the Brock Counselling Centre, a number of courses are offered to assist participants in acquiring skills for learning and achieving success at university-level programs.

REGISTRATION

All registration for the following programs must be arranged through the Brock Counselling Centre, Thistle Complex, East Corridor, Room 270, telephone 688-5550, ext. 3240. DO NOT use the forms in this brochure.

Participants are not considered registered and a place is not guaranteed for them until they have returned the completed application forms and any other required questionnaires and paid the full fee.

Learning skills programs are intended for registered and prospective Brock University students. Others may be admitted to some programs at the discretion of the co-ordinator.

FEES

Fees are indicated at the end of the course descriptions and are payable in advance at the Brock Counselling Centre. To qualify for a refund, students must advise the Centre at least one week before the program starts.

PROGRAM DESCRIPTIONS

Study skills

What skills do you need for success at University? Do you find it difficult to manage your time, to concentrate, to write an essay? In five 2-hour sessions, this workshop covers all of the basic study skills — time management, concentration, effective reading, essay writing, seminar participation, exam preparation and exam writing.

Section A: Joan McCurdy/7-9 pm/ Tuesdays and Thursdays, August 7, 9, 14, 16, 21/Fee: \$20

Section B: Cathie Closs/7-9 pm/

Mondays and Wednesdays, August 13, 15, 20, 22, 27/ Fee: \$20

Section C: Counselling Centre assistants/7-9 pm/Mondays, September 17, 24, October 1, 15, 22 (no class Thanksgiving Day)/Fee: \$20

Section D: Counselling Centre assistants/7-9 pm/Tuesdays, September 18, 25, October 2, 9, 16/Fee: \$20

Writing skills

The writing skills workshops, in four 2-hour sessions, will focus on the principles of essay writing, although some time will be spent applying these concepts to other kinds of university writing such as case studies, book reviews, lab and field reports.

The workshops will analyse the process of writing an essay: choosing a topic, constructing a thesis statement, making an outline, researching a topic, organizing research material, writing the essay, revising and setting up the finished paper. Exercises and instructor feedback will improve your writing style.

Text: Norton and Green, *The Bare Essentials, Form B*

Section A: Marilyn Rose/7-9 pm/ Tuesdays and Thursdays, August 21, 23, 28, 30/Fee: \$20

Section B: writing instructor/ 7-9 pm/Mondays, September 10, 17, 24 and October 1/Fee: \$20

Section C: writing instructor/ 7-9 pm/Tuesdays, September 11, 18, 25 and October 2/Fee: \$20

Re-entry mathematics

Re-entry mathematics is for those who are entering or planning to enter University but whose mathematics background is weak. The program is not suitable for those who already have grade 13 mathematics, nor does it fulfill the grade 13 requirement for entrance to University. It covers material comparable to that covered up to the end of grade 12 mathematics.

In ten 3-hour sessions, the program teaches the basic mathematical 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 covered depend on students' needs and the results of diagnostic assessment, typically the following topics are covered: integers; order of operations; fractions; percentages; algebra; exponents; scientific notation; roots.

The class environment is informal and supportive. The 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.

Section A: Anthony Albano/ 6-9 pm/Mondays and Wednesdays (with adjustments for the civic holiday)/July 30, August 1, 8, 13, 15, 20, 22, 27, 28, 29/Fee: \$100. (\$25 will be refunded when post-testing materials are returned)

Section B: Linda Gordon/ 6-9 pm/Thursdays, September 20 to November 22/Fee: \$100. (\$25 will be refunded when post-testing materials are returned)

Mature students orientation

A one-day session especially designed for mature students to teach skills in essay-writing, time management, exams, seminars and note-taking in lectures. A film on the use of the library will be presented. Lunch is included.

Counselling Centre staff/9-4 pm/ Saturday, Sept. 15/Fee: \$10, includes lunch.

Skills for seminar preparation

Learn how to participate in seminars: how to prepare for them; how to know what is expected of you; how to feel more relaxed and confident. Participants in this series of

workshops will understand how a seminar functions and how to learn the most from them. The program involves a limited amount of work outside of class time.

**David Jordan/3:30-4:30 pm/
Thursdays, Oct. 4 to Nov. 8/
Fee: \$25 (\$15 is refundable upon
completion of self-assessment
and evaluation materials)**

Effective reading

A short, intensive program which focuses on the skills of previewing, reading for main ideas and details and recall methods. Designed to help you understand and also remember what you read. Participants are requested to bring a text book from one of your courses to each class.

**Cathie Closs/1:30-3:30 pm/
Thursdays, Oct. 11, 18, 25/Fee: \$15**

Essay/research clinic

A two-hour program, co-led by a librarian and an essay writing instructor. The first hour will focus on 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 variety of student timetables. Information on program times will be available at the Library, Counselling Centre and in the Press after September 10, 1984.

Let's trance

Self-hypnosis is a useful skill which can be applied in many areas of one's life. Routinely entering a self-induced trance promotes physical and mental relaxation and enhances memory and focusing abilities. This program is designed to teach each participant how to do self-hypnosis and how the trance state is useful for promoting a fuller, healthier life. Registration is limited.

**Session A: 5-6:30 pm/Tuesdays,
September 18 and 25**

**Session B: 5-6:30 pm/Tuesdays,
November 5 and 12**

**Les Myers/Fee: \$2 for Brock
University community, \$10 for
others**

INTENSIVE ENGLISH LANGUAGE PROGRAM

Brock's intensive English language program provides 25 hours of English instructions per week in grammar and writing, guided reading, spoken English, language lab, and integrated studies. This program is open to all non-native speakers who wish to improve their English for academic, professional or social purposes.

A fourteen week program is offered in the fall (September to December), winter (January to April), and spring/summer (May to August), with a special six week summer session offered in July and August.

ADMISSION REQUIREMENTS

Admission is open to all those who are interested in improving their proficiency in English. However, except under unusual circumstances, applicants should be at least 18 years of age and should have studied at least basic English. The program is limited in enrolment.

SPECIAL ACTIVITIES

Extracurricular activities, such as day and weekend excursions, guest lectures, and events organized by student clubs allow students to become better acquainted with life at Brock. Attendance at these and other non-academic activities constitutes part of the IELP program's comprehensive approach to aiding international students understand the Canadian cultural mosaic.

Inquiries regarding programs at the Centre should be sent to Director, English Language Programs, Room ST 1210, Brock University, St. Catharines, Ontario, L2S 3A1. Telephone 688-5550, ext. 3374.

PLANNING YOUR RETIREMENT

The Regional Niagara Pre-Retirement Council, in co-operation with the Brock University Part Time Programs Office, offers a course in retirement planning. If you are thinking of retiring, now is the time to begin planning for the many changes that will take place in your lifestyle. We recommend that you begin planning for these changes at least five years before you retire.

Our resource people provide information and advice on such topics as:

- what leisure activities you might consider
- federal and provincial benefits
- handling your money and budgeting
- legal matters, including consumer protection
- where to live (both residence and locality)
- health care advice
- the deeper aspects of living.

We recommend that both husband and wife attend our program.

FALL 1984 PROGRAM

Sessions will be held on Tuesday or Thursday evenings from 7:45 pm until 9:45 pm for nine consecutive weeks, beginning Tuesday, September 25 and Thursday, September 27, at the University. The fees are \$20.00 for singles and \$30.00 for couples.

WINTER 1985 PROGRAM

Sessions will be held on Tuesday or Thursday evenings from 7:45 pm until 9:45 pm for nine consecutive weeks, beginning Tuesday, March 5 and Thursday, March 7, at the University. The 1985 fees will be \$25 for singles and \$35 for couples.

REGISTRATION

You may apply in person or by mail to the Part Time Programs Office, Thistle Complex, East Corridor, Room 263, Brock University, St. Catharines, Ontario L2S 3A1. We require your name (and spouses's name), address, telephone number and preferred evening for the course. Please make payment payable to Regional Niagara Pre-Retirement Council.

1985 ELDER- HOSTEL

If you are sixty years of age or older, or have a friend or relative who is, then a unique educational program called Elderhostel might interest you. It is available this summer at Brock University and other colleges and universities throughout Ontario. Elderhostel is a unique program for people who are going somewhere, not only in terms of travel but also in the sense of reaching out for new knowledge and experiences.

Elderhostel combines the adventure of hosting with the pursuit of knowledge into an exciting week of educational activities. Started in New Hampshire in 1975, the program now has participant educational institutions in all fifty states and most Canadian provinces.

During the summer, each school will offer a series of week-long, non-credit courses taught by regular faculty members. There are no exams, no grades and no homework. As well, the schools will offer a wide variety of extra-curricular activities.

The fee per person for one week includes tuition, campus residence accommodation and all meals. For an Ontario Elderhostel brochure or additional details, please contact the Part Time Programs Office at Brock University or write: Elderhostel Canada, P.O. Box 4400, Fredericton, N.B. E3B 5A3. Telephone (506) 453-4647.

BROCK AQUATIC CENTRE

PROGRAMS OFFERED

Children's learn to swim and skill development

Pre-school/Aquakids/Wonderfish/Kingfish/Bioncfish/Superfish.

Red Cross Levels 4-8

Water safety skills, available to both adults and children.

ESSO Swim Canada

- skill development

This program provides an opportunity for youths to further their interest, involvement and skills in the sport of competitive swimming. The program consists of 6 achievement levels for which there are 14 individual awards. Higher level training is available with the Brock University Swim Team.

Diving

This is a Canadian Amateur Diving Association certified program which begins with learn to dive skills and progresses to a competitive diving program with the Brock University diving team.

Synchronized swimming

A CASSA Star and Trillium Award program; dedicated participants are encouraged to participate in local and regional competition at a recreational level.

Royal Lifesaving Society

Lifesaving skill and technique instruction are available to children, teens and adults at the following levels: Level I - III; Junior and Senior Artificial Respiration; Bronze; Bronze Cross; Award of Merit; National Lifeguard Training; Award of Distinction.

Adult fitness

Classes in technique and physiological self-monitoring as well as twice weekly organized practices are available. Also, an opportunity to achieve improved fitness levels by completing a 80 km swim over time. Recording cards are available.

Public recreational swims

Specific times are set aside daily for community recreational swims. Schedules are available weekly or call 688-5550, ext. 3563 or 688-5471 after hours for daily recreational swim times. A nominal fee is charged to those who are not members of the Physical Education Complex.

REGISTRATION

Registration for swim lessons for the fall session will take place on Monday, September 17, 1984 from 6 to 8 pm in the lobby of the Physical Education Complex. A detailed listing of program times, dates and fees is available from the Physical Education Office, 688-5550, ext. 3387.

IN SEARCH OF EXCELLENCE

SPEAKER SERIES

Once again the School of Administrative Studies at Brock University will be presenting the highly successful speaker series IN SEARCH OF EXCELLENCE. The pursuit of excellence in all enterprise, from the smallest business to the largest corporation may be the best strategy for improving Niagara's troubled economy. Each month a Chief Executive Officer from a highly successful enterprise will be invited to comment on this theme.

Dates and locations for the series are:

September 18, 1984
G.B. Mitchell
Chairman and chief executive officer
Dana Corporation
Pond Inlet, 7:30 pm

October 23, 1984
S. Vogelgesang
Economic counsellor —
U.S. Embassy
The Theatre, 7:30 pm

November 13, 1984
Frank Stronach
Chairman and chief executive officer
Magna International
Incorporated
The Playhouse, 7:30 pm

*November 29, 1984
Northrup Frye
Canada's most eminent literary critic
The Theatre, 8:00 pm

*January 17, 1985
W.J. Young
Senior vice-president and director
Imperial Oil
The Theatre, 8:00 pm

February 12, 1985
Lynn Williams
International president
United Steelworkers of America
The Theatre, 7:30 pm

March 5, 1985
tba
The Theatre, 7:30 pm

*March 21, 1985
Norman Webster
Editor
The Globe & Mail
The Theatre, 8:00 pm

Admission is free; everyone is welcome.

*These lectures are sponsored by Imperial Oil Canada.

For further information, please contact Mrs. Ilse Dreifelds, Series Co-ordinator, 688-5550, ext. 3762.

CERTIFICATE PROGRAMS

BROCK CERTIFICATE PROGRAMS

The University has established certificate programs for those wishing to acquire specialized knowledge without proceeding immediately to a degree. Certificate programs are offered in public administration and urban and environmental studies. The programs are composed of degree credit courses and admission requirements are the same as for degree programs. Details appear in the relevant department entries in the current university calendar.

PROFESSIONAL CERTIFICATE PROGRAMS

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 forwarded to the professional association for certification or designation. Students intending to register in these programs must apply to both Brock University and to the professional association concerned.

Information brochures for these professional certificate courses are available at both the Part Time Programs Office and at the Registrar's Office.

Certificates requiring application to both Brock University and 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).

Certificates requiring application to the professional association only; 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).

CONTINUING STUDIES IN THE COLLEGE OF EDUCATION

The Department of Continuing Studies at the Brock University College of Education was created in order that the College might more effectively meet the continuing education needs of teachers and administrators in the region. The courses are designed to meet the Ministry of Education requirements for additional qualifications for teachers and administrators of Ontario schools. A number of these courses are offered during the fall/winter session.

ROUTE II BEd PROGRAM (In-service)

This program is designed for teachers interested in continuing their professional education who seek endorsement of their Ontario Teaching Certificate 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. For example, 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 will complete the degree requirements with successful completion of three courses in a specialized area and an additional two courses, to total five courses.

ADMISSION TO THE PROGRAM

Admission to the program is open to anyone possessing a teaching qualification. Please note that candidates who wish to have courses recommended to the Ministry of Education must hold an Ontario Teaching Certificate.

Some applicants may not hold the Ontario Teaching Certificate, but may be teaching on a Letter of Standing or Letter of Permission. We refer you to Ontario Regulation 269 of the Education Act for clarification of your eligibility for admission. You must contact the Ministry of Education directly to confirm your status for admission purposes and provide the Registrar's office with supporting documentation attesting to that status.

Applicants who are taking these courses solely for interest should note that they will NOT be recommended for additional qualifications.

Admission to the program is not restricted to those who hold an undergraduate degree, but the awarding of the degree of BEd will be withheld until the candidate provides evidence of completion of the undergraduate degree acceptable to Brock University.

Students not interested in completing the entire program should note that recommendation to the Ministry of Education for endorsement of the Ontario Teaching Certificate is not dependent on a candidate's completing the total requirements for the BEd degree. Transcripts showing their work completed towards the degree will be available from the Registrar's office.

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, 688-5550, ext. 3346.

REGISTRATION

In-service registration packages outlining procedures, fees and specific requirements are available from the Assistant Registrar, Admissions and Graduate Studies, Brock University, St. Catharines, Ontario L2S 3A1. Telephone 688-5550, ext. 3562 or 3726.

To ensure a place, please complete and return this material with the necessary documentation as quickly as possible. All courses will have a minimum/maximum enrolment. Forms received after September 9 (for fall/winter courses) may be considered only on courses that are not yet filled.

Courses that do not meet the minimum enrolment requirement (25-30) will be cancelled. This decision will be made the first week of September for fall/winter session courses.

ADDITIONAL FEES

In addition to course fees, all courses have an additional material or activity fee, payable on the second day of your course. Do not include this fee with your course fees: make cheque payable to Brock College of Education.

MASTER OF EDUCATION (MEd) PROGRAM

The Master of Education (MEd) degree program at Brock University is designed to improve the professional competence of practitioners. The program offered allows for considerable flexibility as to course selection but provides candidates with a broad background in theory, research and application.

Degree candidates can select from three areas of concentration: curriculum studies, foundations of learning and teaching behavior, and educational administration. These courses are offered on a regular basis during the summer day session and the fall/winter evening sessions.

Students are admitted to core courses and may commence electives after the core courses are completed successfully. Eight half courses and an exit thesis or project are required for the degree.

For more information, contact Mr. R. Alex Reed, Assistant Registrar, Admissions and Graduate Studies at (416) 688-5550, ext. 3239. Dr. John Novak, Chairman of the Department of Graduate Studies, College of Education at (416) 688-5550, ext. 3345 is available to answer questions.

IN-SERVICE EDUCATION COURSE LISTS AND TIMETABLE – FALL/WINTER SESSION, 1984/85.

The following courses will be offered pending sufficient enrolment. Courses will run from 6:30 to 9:30 pm. Commencing the week of Monday, September 17, 1984. The evening for each course is listed below.

Educ 412	09 Fren as a Sec. Lang.	Pt 2 Tue	Brock	ED205
Educ 412	93 Fren as a Sec. Lang.	Pt 2 Wed	Stoney Creek	Orchard Park S.S.
Educ 417	09 Special Education	Pt 1 Wed	Brock	ED207/8
Educ 417	29 Special Education	Pt 1 Wed	Hamilton	St. Mary's High School
Educ 417	39 Special Education	Pt 1 Thu	Brantford	North Park Collegiate
Educ 418	09 Special Education	Pt 2 Wed	Brock	ED324
Educ 418	29 Special Education	Pt 2 Wed	Hamilton	St. Mary's High School
Educ 418	97 Special Education	Pt 2 Thu	Cayuga	Cayuga Secondary School
Educ 422	51 Reading	Pt 2 Tue	Simcoe	Simcoe Composite Secondary School
Educ 422	93 Reading	Pt 2 Wed	Stoney Creek	Orchard Park S.E.
Educ 427	29 Teach-Librarianship	Pt 1 Tue	Hamilton	Elizabeth Bagshaw School
Educ 428	29 Teach-Librarianship	Pt 2 Tue	Hamilton	Elizabeth Bagshaw School
Educ 432	09 Childhood Education	Tue	Brock	ED207/8
Educ 432	29 Childhood Education	Tue	Hamilton	Blessed Sacrament School
Educ 438	29 Primary Education	Pt 2 Wed	Hamilton	St. Teresa D'Avila
Educ 441	29 Phys. & Health Educ. P/J	Pt 1 Tue	Hamilton	Southmount Secondary School
Educ 442	29 Phys. & Health Educ. P/J	Pt 2 Tue	Hamilton	Southmount Secondary School
Educ 443	29 Phys. & Health Educ. P/J	Pt 3 Tue	Hamilton	Southmount Secondary School
Educ 444	29 Phys. & Health Educ. I/S	Pt 1 Tue	Hamilton	Southmount Secondary School
Educ 445	29 Phys. & Health Educ. I/S	Pt 2 Tue	Hamilton	Southmount Secondary School
Educ 446	29 Phys. & Health Educ. I/S	Pt 3 Tue	Hamilton	Southmount Secondary School
Educ 451	09 Visual Arts	Pt 1 Tue	Brock	ED305
Educ 452	09 Visual Arts	Pt 2 Tue	Brock	ED327
Educ 454	29 Religious Education	Pt 1 Wed	Hamilton	St. Eugene's School
Educ 455	29 Religious Education	Pt 2 Wed	Hamilton	St. Eugene's School
Educ 461	29 Computers in the Classroom	Pt 1 Tue	Hamilton	T.B.A. (Commodore 64)
Educ 461	92 Computers in the Classroom	Pt 1 Tue	St. Catharines	Denis Morris High School (Apple)
Educ 461	52 Computers in the Classroom	Pt 1 Tue	St. Catharines	T.B.A. (COM PET)
Educ 462	92 Computers in the Classroom	Pt 2 Thu	St. Catharines	Denis Morris High School (Apple)
Educ 462	52 Computers in the Classroom	Pt 2 Thu	St. Catharines	T.B.A. (COM PET)
Educ 463	92 Computers in the Classroom	Pt 3 Wed	St. Catharines	Denis Morris High School
Educ 464	93 Guidance	Pt 1 Thu	Stoney Creek	Orchard Park Secondary School
Educ 465	93 Guidance	Pt 2 Thu	Stoney Creek	Orchard Park Secondary School
Educ 467	29 English as a Sec. Lang.	Pt 1 Wed	Hamilton	Canadian Martyrs School
Educ 468	29 English as a Sec. Lang.	Pt 2 Wed	Hamilton	Canadian Martyrs School
Educ 471	29 Environmental Studies	Pt 1 Thu	Hamilton	Blessed Sacrament School
Educ 472	09 Cooperative Education	Pt 1 Tue	Brock	ED209
Educ 472	29 Cooperative Education	Pt 1 Thurs	Hamilton	Elizabeth Bagshaw School
Educ 490	92 Curr. Imp. & Teach Cosc. (Sr.)	Tue	St. Catharines	St. Catharines Collegiate
Educ 496A	09 Teaching Trainable Retarded	Pt 1 Wed	Brock	ED8G (Sept. 19 - Dec. 5)
Educ 496A	29 Teaching Trainable Retarded	Pt 1 Wed	Hamilton	St. Mary's H.S. (Sept. 19 - Dec. 5)
Educ 497B	09 Teaching Trainable Retarded	Pt 2 Wed	Brock	ED8G (Jan. 2 - Mar. 6)
Educ 497B	29 Teaching Trainable Retarded	Pt 2 Wed	Hamilton	St. Mary's High School (Jan. 2 - Mar. 6)

PART TIME STUDIES FOR DEGREE CREDIT

This section is an introduction to the degree credit courses offered during the fall evening and winter evening sessions. These sessions provide persons who are unable to attend day sessions with an opportunity to resume or continue their studies during the evening.

Anyone wishing to enrol as a part time or full time student and attend regular day session courses should consult the University calendar for a complete listing of courses offered. University calendars will be mailed to you on request, from the Registrar's office, 688-5550, ext. 3430.

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

If you wish to apply for part time study courses, please complete the "Application for admission to part time studies" form in the back of this brochure or pick one up at the Registrar's Office.

In addition to your application, we require that you enclose supporting documentation, such as records of your high school marks and previous university or community college work so that we can quickly process your application for admission.

Once admitted, you will receive a "Notice of Admission" by mail. Just bring this "Notice of Admission" with you on registration day.

SPECIAL ADMISSION TO UNDERGRADUATE STUDIES

It is not necessary that you have grade 13 credits to attend university! While many of our part time students do satisfy our normal admission requirements,

there are others who do not. If you are one of these students, you may be considered for admission under one of the following categories.

Applicants who have been out of school for at least two years and who are at least 21 years old, may be considered for admission on a mature student basis.

Mature applicants interested in either full time or part time studies are encouraged to apply. Before being permitted to enrol in full time or part time studies, mature applicants should complete two full course equivalents with at least a C average.

In support of his/her full time or part time application, the student must submit official copies of all pertinent academic documentation and a letter outlining:

- i) career ambitions
- ii) work experiences
- iii) why he/she may be successful at university.

An interview may also be required. Please note that our mature student regulations are only applicable to Canadian citizens.

A special student is one not proceeding towards 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 certificate; (c) persons from another university taking courses on a Letter of Permission.

Students admitted under section (b) above, who successfully complete a minimum of two full courses with an overall average of "C" (65%) or better, may apply for admission as degree or certificate candidates.

SENIOR CITIZENS (minimum age 60)

Senior citizens who are 60 years of age or older are encouraged to enrol in part time studies at Brock, either on a regular or

audit basis. Tuition fees are waived, although a nominal service charge of \$5 is charged. Applications for admission should be made in the normal manner.

AUDITOR STATUS

Persons wishing to attend classes in courses offered for degree credit for interest only may be permitted to do so as auditors (listeners). It is not necessary for auditors to have the normal qualifications for admission to the University, but they must be formally admitted prior to registration. Not all courses are available to auditors; the instructor's approval is required prior to registration. No credits will be granted for audited courses. Fees required are half of the normal fees.

CLASSES BEGIN

Winter day and evening classes begin Monday, September 10, 1984.

LEGEND

TBA	instructor to be announced
hc	half course
A	half course, first half of session (September 10 - December 7)
B	half course, second half of session (January 7 - April 12)
C	half course, spread over entire session (September 10 - April 12)
full course	offered during entire session (September 10 - April 12)

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.

Classroom locations will be distributed at registration.

REGISTRATION DATES AND TIMES

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

For courses offered on Mondays and Wednesdays, registration day is Wednesday, September 5.

Surname	Time
U — Z	3:00 - 3:30 pm
Q — T	3:30 - 4:00 pm
M — P	4:00 - 4:30 pm
I — L	4:30 - 5:00 pm
E — H	5:00 - 5:30 pm
A — D	5:30 - 6:00 pm

For courses offered on Tuesdays and Thursdays, registration day is Thursday, September 6.

Surname	Time
N — Z	4:30 - 5:00 pm
H — M	5:00 - 5:30 pm
A — G	5:30 - 6:00 pm

Please Note:

Students registering in more than one full course equivalent must register on Wednesday, September 5.

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

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

Late registration will take place beginning Monday, September 10, at the Registrar's Office. A \$25.00 late registration fee applies.

FEES

Canadian citizens:

Fee per full course: \$243.50

Fee per half course: \$121.75

Late registration fee: \$25.00 (chargeable to any student who registers after the official registration day)

Fee per course audited half of regular fee

Senior citizens: Fees for regular or audit courses are waived in the case of students who are age 60 or over. However, a \$5 service charge is payable.

Students studying at Brock who are not Canadian citizens, landed immigrants, foreign students sponsored by CIDA, or who do not have diplomatic privileges, are required to pay the following fees. Please note that "in-program visa students" refers to those students who are not Canadian citizens and who have successfully completed at least 2.5 courses prior to September, 1982. "New visa students" refers to students who are not Canadian citizens and who have not successfully completed 2.5 courses prior to September, 1982.

Fee per full course (*in-program visa student*): \$451.00

Fee per full course (*new visa student*): \$806.00

Late registration fee: \$25.00, chargeable to any student who registers after the official registration date.

Students should note that refunds for withdrawal from courses are calculated from the first day of classes. Inquiries concerning fees should be addressed to the Finance Office, Schmon Tower, room 1012.

FINANCIAL ASSISTANCE

Students in part time degree programs may be eligible for financial assistance through the Ontario Student Awards Program. For applications, eligibility requirements and information about other sources of financial assistance, please contact the Student Awards Office, 688-5550, ext. 3253.

OTHER IMPORTANT INFORMATION

Students who are applying for admission to part time studies for degree or certificate credit, are advised to consult the current University calendar for information re: degree requirements; academic counselling; registration and withdrawal; at-

tendance; evaluation; examinations; academic standing; number of attempts; extra courses, replacement grades and repeated courses; honors standing terminology; grades; challenge for credit; appeals; plagiarism; holding of two degrees.

For further information, contact the Registrar's Office, Brock University, St. Catharines, Ontario L2S 3A1. Telephone (416) 688-5550, ext. 3431, or the Part Time Programs Office, (416) 688-5550, ext. 3249.

1984/85 FALL/ WINTER EVENING COURSE DESCRIP- TIONS

SCHOOL OF ADMINISTRATIVE STUDIES

ACCOUNTING

ACTG 253 A

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.

TBA/Mon 7-10 pm or

TBA/Tues 7-10 pm or

TBA/Thurs 7-10 pm

ACTG 253 B

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.

TBA/Mon 7-10 pm

ACTG 254 B

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.

TBA/Mon 7-10 pm or

TBA/Tues 7-10 pm

ACTG 355 A

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 356 A

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/Mon 7-10 pm

ACTG 357 B

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 356hc.

(Not open to students with credit in ADMI 350 or 357hc.)

Lectures, 3 hours per week.

Hanna/Mon 7-10 pm

ACTG 452 B

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 455 A

Canadian income tax I
(formerly part of ACTG(ADMI) 451hc)

The principles underlying federal income taxation are examined through an analysis of the Income Tax Act, R.S.C. as amended. Topics include administration, liability for income tax, tax conventions, corporate and personal income tax computation.

Prerequisite: ADMI 350 or ACTG(ADMI) 356hc/357hc.

(Not open to students with credit in ACTG(ADMI) 451hc.)

Lectures, 3 hours per week.

Grand/Tues 7-10 pm

ACTG 456 B

Canadian income tax II

This course is of special interest to students majoring in accounting. It will provide students with an opportunity to examine in detail specialized areas of income tax.

Prerequisite: ACTG(ADMI) 451hc or 455hc.

Lectures, 3 hours per week.

Young/Tues 7-10 pm

FINANCE

FNCE 392 A

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.
Prerequisites: ECON 191hc/192hc 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 392 B

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. Prerequisites: ECON 191hc/192hc or 190, MATH 198hc, ACTG(ADMI) 253hc.
(Not open to students with credit in ADMI 392hc.)
Lectures, seminar, 3 hours per week.

TBA/Wed 7-10 pm

FNCE 393 B

Introduction to finance II
(formerly ADMI 393hc)

Drawing upon the material covered in FNCE(ADMI) 392hc, students are introduced to criteria used in financing decisions. Specific topics include: the cost of various sources of capital, hybrid securities, capital structure, dividends, leading, 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 405 A

International finance
(formerly ADMI 405hc)

Alternate solutions to the problems encountered by a financial manager in a multinational company are explored. To this end, the spectrum of business, foreign exchange, and political risks confronting such organizations are

cast in the context of the economic and legal tools and institutions through which management conducts international operations.

Prerequisites: FNCE(ADMI) 392hc/393hc.

(Not open to students with credit in ADMI 405hc.)

Lectures, seminar, 3 hours per week.

Welch/Thur 7-10 pm

FNCE 406 B

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.

Welch/Thur 7-10 pm

MANAGEMENT

MGMT 191 A

Introduction to business
(formerly ADMI 191hc)

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

Austin/Tues 7-10 pm

MGMT 192 B

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 194 B

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, 2 hours per week; lab, 3 hours per week.

TBA/Thur 7-9 pm and lab to be scheduled

MGMT 240 A

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.

**Grand/Mon 6-9 pm or
TBA/Wed 7-10 pm**

MGMT 240 B

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.

**TBA/Mon and Wed 3:30 - 5 pm
or TBA/Wed 7-10 pm**

MGMT 330 A

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.

TBA/Mon 7-10 pm

MGMT 330 B

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.

TBA/Wed 6-9 pm

MGMT 331 B

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.

TBA/Mon 7-10 pm

MGMT 341 A

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, interpersonal relations, leadership, group process and dynamics, and other topics at the 'micro' level of analysis.

(Not open to students with credit in ADMI 341hc, SOCI 344hc.)
Prerequisite: MGMT 191hc/192hc or permission of the instructor.

Lectures, 3 hours per week.
TBA/Mon and Wed 3:30 - 5 pm
or TBA/Wed 7-10 pm or
TBA/Thur 7-10 pm

MGMT 342 B

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, SOCI 343hc.)

Lectures.
TBA/Wed 6 - 10 pm or
TBA/Thur 6 - 10 pm

MGMT 381 B

Corporate planning

(formerly ADMI 381hc)

An integration of the disciplines in the business economics program based on the viewpoint of the firm's chief executive officer. Specifically, the course introduces students to the identification, development, and implementation of corporate strategy.

Prerequisites: ECON 191hc/192hc or 190, MGMT(ADMI) 191hc, ACTG(DMI) 253hc, MKTG(ADMI) 322hc, MGMT(ADMI) 341hc, FNCE(ADMI) 392hc/393hc.
(Not open to students with credit in ADMI 381hc or MGMT(ADMI) 481.)

Seminar, cases, 3 hours per week.

Austin/Tues 7-10 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/Thur 7-10 pm

MGMT 462 A

Personnel management

(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/Tues 7-10 pm

MGMT 463 B

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/Wed 6-9 pm

MGMT 467 B

Training and development

(formerly ADMI 467hc)

An intensive study of the three

sequential steps in the training and development process in organizations i.e., assessment of training needs, development and implementation of the training program and evaluation of the training program. A critical approach to training methods used in employee orientation, skill training and management development in the context of adult education.

Prerequisite: MGMT(ADMI)

341hc; ADMI 340hc or

MGMT(ADMI) 342hc.

(Not open to students with credit in ADMI 467hc.)

Lectures, seminar, 3 hours per week.

Austrom/Mon 6-9 pm

MGMT 469 B

Staffing and evaluation systems

(formerly offered as ADMI 469hc)

An examination of current issues in personnel selection, placement and performance evaluation in organizations in the context of Human Rights/Equal Employment legislation. A review and evaluation of recruitment and selection strategies and the validation of selection, placement and performance evaluation practices.

Prerequisite: MGMT(ADMI)

341hc and ADMI 340hc or

MGMT(ADMI) 342hc.

(Not open to students with credit in ADMI 469hc.)

Lectures, seminar, 3 hours per week.

Levanoni/Tues 7-10 pm

MGMT 470 A

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/Tues 7-10 pm

MGMT471 B

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/Tues 7-10 pm

MGMT 472 A

Legal issues in labor 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.

Adams/Wed 7-10 pm

MGMT 479 B

Personnel management research

(formerly offered as ADMI 479hc)

The nature and scope of personnel management research as a managerial tool. The course includes an examination of the means of assessing individual, group and organizational performance; the logic of research designs and analyses; and the organization and administration of personnel research programs.

Prerequisite: ADMI 340hc or MGMT(ADMI) 342hc and MGMT(ADMI) 341hc.

(Not open to students with ADMI credit in 497hc, 395hc, 396hc.)

Lectures, seminars, 3 hours per week.

Austrom/Wed 6-9 pm

MARKETING

MKTG 322 A

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.

Prerequisite: MGMT(ADMI) 191hc/192hc or permission of the instructor.

(Not open to students with credit in ADMI 322hc.)

Lectures, seminar, 3 hours per week.

TBA/Mon 7-10 pm or

TBA/Wed 7-10 pm

MKTG 324 B

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.

TBA/Mon 7-10 pm or

TBA/Wed 7-10 pm

MKTG431 A

Consumer behavior

(formerly ADMI 431hc)

An introduction to the application of behavioral science concepts to marketing. The course is designed to give students a better understanding of consumer markets by examining the interactions of consumers, sellers, public policy makers and researchers.

Prerequisites: MKTG(ADMI) 322hc/324hc.

(Not open to students with credit in ADMI 431hc.)

Lectures, seminar, 3 hours per week.

Metcalfe/Tues 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/Wed 7-10 pm

BIOCHEMISTRY

BCHM 303 B

Biochemical control mechanisms

(formerly BCHM 390hc)

The organization and control of metabolic systems and biosynthetic processes.

Prerequisites: BIOL 201, or CHEM 290hc or equivalent second year chemistry and BCHM 301hc or permission of the instructor.

(Not open to students with credit in BCHM 390hc or 400Hc.)

Lectures, 2 hours per week; laboratories to be announced.

Nicholls/Mon 7-9 pm

BCHM 407 B

Advanced seminar in biochemistry

A seminar course involving student presentation of selected research papers in biochemistry.

Prerequisite: BCHM 300, or BCHM 301hc or 302hc.

Seminar, 2 hours per week.

Nicholls, Bown/Thur 7-9 pm

BIOLOGICAL SCIENCES

BIOL 190

Contemporary issues in biology

This course, designed primarily for students contemplating majors in science, will present such fundamental biological concepts as organization, growth and development, energy flow and utilization, regulation, and

the storage and transmission of genetic information. These concepts will be presented by the use of case studies such as the biology of cancer and diabetes, the responses of biological systems to ionizing radiation, fisheries management, the pesticide dilemma, the spruce budworm, human population ecology and food resources, and aspects of genetic engineering. The laboratory component stresses the process of investigation.

Prerequisite: grade 13 biology or grade 13 chemistry.

Note: Students registering for BIOL 190 should normally register for MATH 198hc (Basic statistical methods) in the fall term. MATH 193hc may be substituted for MATH 197hc in the winter term.

Lectures, 3 hours per week; labs/seminars, 3 hours per week.

Rand, Houston, Barclay/Wed 7-10 pm/Labs to be scheduled.

BIOL290 B

Invertebrate zoology

(formerly part of BIOL 292)

The diversity, structure, function, behavior, and evolutionary relationships of the invertebrate phyla.

Prerequisite: BIOL 190 or permission of the instructor.

(Not open to students with BIOL 292 credit.)

Lectures, 3 hours per week; labs, 3 hours per week.

Lewis/Wed 7-10 pm/Labs to be scheduled.

BIOL 291 A

Comparative vertebrate zoology

(formerly part of BIOL 292)

An evolutionary examination of the vertebrate taxa with emphasis on the structure, development, and function of organ systems. Prerequisites: BIOL 190 or permission of instructor.

(Not open to students with BIOL 292 credit.)

Lectures, 3 hours per week; labs, 3 hours per week.

Lewis/Wed 7-10 pm/Labs to be scheduled.

BIOL 366 A

Aquatic plant ecology

Adaptations of algae, cryptogams and flowering plants to aquatic environments; production, estimates of standing crop, and field recognition of common aquatic plants and algae.

Prerequisite: BIOL 203.

(May be taken concurrently with the permission of the instructor.) Lectures, 2 hours per week; lab, 2 hours per week.

Earle/Thur 7-10 pm and labs to be scheduled.

CHEMISTRY

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 110 A

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.

Ogilvie, et al/Mon 8-10 pm and seminar

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/Wed 6-9 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 7-9 pm and seminar

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.

Laboratories as required.

Richards/Wed 6-9 pm

CLASSICS**CLAS 191 A**

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

CLAS 192 B

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.

Soady/Wed 7-10 pm

CLAS 195 B

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 7-10 Pm

CLAS 197 A

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 249

The mystery religions and the background of early Christianity

Initiation and secret societies; ethical teaching and the afterlife; purification and asceticism; ecstasy, mysticism, conversion; withdrawal, persecution, and apocalyptic beliefs. Readings from Greek and Roman sources to illustrate the Eleusinian and Dionysiac mysteries, Orphics and Pythagoreans, Isis, Mithras, Gnosticism, local sects in Palestine and Asia Minor; readings from Jewish and Christian sources.

Prerequisites: CLAS 190 or 196 or two of CLAS 191hc, 192hc, 195hc, 197hc.

3 hours per week.

Booth/Thur 6-9 pm

CLAS 293 A

Field archaeology

An introduction to basic archaeological theory, field techniques and procedures, and to the study of archaeological materials.

Prerequisite: CLAS 190 or 196 or two of CLAS 191hc, 192hc, 195hc, 197hc.

3 hours per week.

Rupp/Wed 7-10 pm

CLAS 297 B

Classical archaeology

(also offered as VISA 297hc)

A survey of Classical archaeology, and a detailed study of selected Greek and Roman sites. Prerequisite: CLAS 190 or 196 or two of CLAS 191hc, 192hc, 195hc, 197hc.

3 hours per week.

Rupp/Wed 7-10 pm

CLAS 302 B

Greek tragedy

(formerly part of CLAS 294)

The origins of tragedy and its development as entertainment and literature through the Classical period. Works studied may include: Aeschylus, *The*

Oresteia; Sophocles, *Oedipus Rex* and *Oedipus at Colonus*; and Euripides, *Medea* and *Hippolytus*.

Prerequisite: CLAS 190, 196 or two of CLAS 191hc, 192hc, 195hc, 197hc, or DRAM 193.

(Not open to students with credit in CLAS 294.)

3 hours per week.

Booth/Thur 6-9 pm

CLAS 388 A

The city in the ancient world

(formerly offered as CLAS 396) (also offered as VISA 388hc)

The origins and evolution of the city in the Near East; the development of the city and of city planning in Greece, Italy, and the Roman Empire from the end of the Late Bronze Age through the early Byzantine period. The forms and uses of public and private buildings, religious and secular.

Prerequisite: a classics course numbered 290 or above, or permission of the department.

(Not open to students with credit in CLAS 396.)

3 hours per week.

Rupp/Mon 7-10 pm

CLAS 389 B

The art and architecture of the ancient Near East

(also offered as VISA 389hc)

A study of the art and architecture of Egypt, the Levant, Mesopotamia, Iran and eastern Anatolia from the Neolithic period through the Early Iron Age.

Prerequisite: CLAS 190 or 196 or two of CLAS 191hc, 192hc, 195hc, 197hc or VISA 191.

3 hours per week.

Rupp/Mon 7-10 pm

CLAS 440

Provinces and frontiers of the Greco-Roman world

The impact of Greek and Roman culture on other ancient peoples, especially after Alexander and under the Roman Empire; with attention to Scythians, Iranians, Egypt and Judaea in the Hellenistic period; to Rome's provinces, including Gaul, Britain and North Africa; and to the

barbarian invaders of the Late Empire. Topics will include the role of technology and science, military resources and strategy, imperial and local administration, education and social mobility, nationalism and sectarian religion, provincial art and architecture.

Prerequisite: a classics course numbered 290 or above, or permission of the department.

3 hours per week.

Robertson/Tues 7-10 pm

GREEK

GREE 100

Language (introductory)

The fundamentals of Greek. Selections from various Greek authors.

4 hours per week.

Note: Students who have studied Classical Greek before coming to university should identify themselves to the department; such students may be eligible to enrol in GREE 190.

Soady/Tues and Thurs 5-7 pm

GREE 190

Language and literature

(formerly offered as GREE 200)

Review of grammar. Graded selections from various Greek authors.

Prerequisite: GREE 100 or permission of the department. (Not open to students with credit in GREE 200.)

Casler/Tues and Thurs 5-7 pm

LATIN

LATI 100

Language (introductory)

The fundamentals of Latin. Selections from various Latin authors.

4 hours per week.

Note: Students who have studied Latin before coming to university should identify themselves to the department; such students may be eligible to enrol in LATI 190.

Casler/Mon and Wed 4:30-6:30 pm

LATI 190

Language and literature

(formerly offered as LATI 200)

Review of grammar. Intermediate selections from Latin authors.

Prerequisite: LATI 100 or permission of the department.

(Not open to students with credit in LATI 200.)

4 hours per week.

Rupp/Mon and Wed 4:30-6:30 pm

COMMUNICATIONS STUDIES

COMM 308

Language and communication

(also offered as PSYC 308)

Psychological processes involved in language and communication including the study of meaning, language development in children, language and thought, listening, as well as special interest topics such as television, reading, speech disorders, second language.

(Not open to students with credit in PSYC 308.)

Lectures, seminar, 3 hours per week.

Preston/Mon 7-10 pm

COMM 327

Introduction to video

(also offered as FILM 327)

(formerly offered as FILM/COMM 394)

Introduction to the theory and practice of video techniques: specific assignments, viewing of video works and production work.

Prerequisites: 2 film courses or permission of the instructor.

(Students seeking permission of the instructor should contact the department prior to registration. Enrolment will be limited to 15.)

Lab fee: \$45.00 plus materials.

(Not open to students with credit in FILM 327 or FILM/COMM 394.)

Workshops, seminar, 3 hours per week; additional production time as required.

Stukator/Thur 7-10 pm

COMPUTER SCIENCE AND INFORMATION PROCESSING

COSC 101 A

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).

Prerequisite: grade 13 English and one grade 13 mathematics (minimum 65%); or one university level mathematics full year credit (minimum of 62%).

(Not open to students with credit in COSC 103hc or COSC 195hc.)

Lectures, 3 hours per week, lab, 2 hours per week.

Srimani/Wed 7-10 pm and labs to be scheduled

COSC 103 A

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 104 B

Programming methodology and data structures

(formerly offered as COSC 230hc)

An introduction to software engineering and intermediate level data structures. Topics include: top-down design, modular decomposition, abstraction, information hiding, program testing and debugging; strings, files, stacks, queues, lists, trees; advanced programming language features.

Prerequisite: COSC 101hc or 103hc.

(Not open to students with credit in COSC 230hc.)

Lectures, 3 hours per week, lab,

2 hours per week.

Sentinel/Wed 7-10 pm and labs to be scheduled.

COSC 194 B

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 may not hold major credit for this course.

Lectures, 2 hours per week, lab, 3 hours per week.

TBA/Thur 7-9 pm and labs to be scheduled

COSC 203 B

Advanced data structures

An in-depth discussion of advanced data structures and an introduction to database systems. The implementation and usage of the data structures is emphasized. Topics include: trees, graphs, advanced list structures, introduction to database system concepts. Prerequisite: COSC 104hc and MATH 165.

Lectures, 3 hours per week, lab, 2 hours per week.

Hughes/Tues 7-10 pm and labs to be scheduled

COSC 204 A

File processing with COBOL

(formerly offered as COSC 206hc)

An introduction to standard BDP file processing techniques with emphasis on their implementation in COBOL. Topics include: the COBOL programming language, sequential, indexed-

sequential and direct file organizations, master/transaction processing, indexed and direct file organizations, master/transaction processing, indexed and direct file update.

Prerequisite: COSC 104hc.

(Not open to students with credit in COSC 206hc.)

Lectures, 3 hours per week, lab, 2 hours per week.

McCarthy/Tues 7-10 pm and labs to be scheduled

COSC 260 B

Introductory operations research
(also offered as MATH 260hc)

Note: this course will not be listed as COSC 260hc after 1984/85 but will still be 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. Queueing theory. Prerequisite: MATH 197hc and 198hc or equivalents.

Lectures, tutorial.

Deshpande/Mon 7-10 pm and tutorial

COSC 314 B

Introduction to data communications

An introduction to data communications with emphasis on computer communications networks. Topics include: basic concepts of data communications, transmission media, multiplexing and switching techniques, error recovery, network architecture and topology, communications protocols, congestion control, routing algorithms, local area networks, public data networks. Prerequisite: COSC 200, MATH 165.

Lectures, 3 hours per week.

Barchanski/Mon, Wed and Fri 3:30-4:30 pm

COSC 322 B

Microprocessor systems
(formerly offered as COSC 394hc)

Historical development of microprocessors. Microprocessors and their operation. System support components. Microprocessor systems. Low-level programming. Software support. Interfacing to the real world. Systems development. Advanced microprocessors.

Prerequisite: COSC 200 (or 202hc or 221hc) and 212 hc). (Not open to students with credit in COSC 394hc.)

Lectures, 3 hours per week, lab, 2 hours alternate weeks.

Thomas/Thur 7-10 pm and labs to be scheduled

COSC 332 A

Database management
(formerly offered as COSC 342hc)

Review of data structures and data management. Database modeling including the CODASYL and relational models. Database processing; implementation and administration. Distributed databases: communication, management, data distribution, synchronization. Prerequisite: COSC 301hc. Prerequisite: (1984/85 only): COSC 104hc and 204hc (or 206hc and 230hc).

(Not open to students with credit in COSC 342hc.)

Lectures, 3 hours per week.

Radue/Thur 7-10 pm

COSC 399 A

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 399 B

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 413 A

Operating systems: theory and practice

(formerly offered as COSC 412hc)

Discussion of operating systems with emphasis on design and implementation. Topics include: analysis, design and implementation of algorithms for memory, processor, input/output and file management and case studies of popular operating systems.

Prerequisites: COSC 301hc, 302hc, 321hc and a mathematics course to be designated.

Prerequisite: (1984/85-1985/86 only): COSC 302hc (or COSC 312hc).

(Not open to students with credit in COSC 412hc.)

Lectures, 3 hours per week.

Barchanski/Mon, Wed and Fri 3:30-4:30 pm

COSC 422 B

Real-time computing systems

An introduction to real-time computing with application to data acquisition and process control. Topics include: overview of real-time computing applications; structure of real-time systems; overview of real-time programming; physical signal measurement, transmission and processing; digital computer/process interfacing; real-time digital systems; architecture and operating systems; distributed process control systems.

Prerequisite: COSC 200, 302hc, a MATH course to be designated, PHYS 231hc.

Lectures, lab, 3 hours per week.

Barchanski/Tues 7-10 pm

COSC 471 A

Artificial intelligence

(formerly offered as part of COSC 470 and also 472hc)

An introduction to the study of artificial intelligence. Topics include: Heuristic programming, analysis of solution space searching pattern recognition, artificial learning, decision making, and problem solving. Problem areas discussed include: game playing, text recognition, natural language translation, and question answering. This is a non-programming course.

Prerequisite: permission of the instructor.

(Not open to students with credit in COSC 470 or 472hc.)

Skilton/Tues 7-10 pm

COSC 498 A

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.

Co-requisite: COSC 399hc.

Faculty/Department

COSC 498 B

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.

Co-requisite: COSC 399hc.

Faculty/Department

ECONOMICS

ECON 191 A

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, produc-

tion 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 plus seminar

ECON 192 B

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 plus seminar

ECON 201

Microeconomics

Microeconomic analysis, theory of consumer choice, theory of the firm, market structures, general equilibrium analysis and welfare economics.

Prerequisite: ECON 191hc/192hc. (Not open to student with ECON 203, 251hc or 252hc credit.)

Lectures, 3 hours per week.

TBA/Wed 7-10 pm

ECON 251 A

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.)

TBA/Wed 7-10 pm and tutorial

ECON 252 B

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 and tutorial

ECON 290 A

Economic statistics

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

Prerequisite: 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/Thur 7-10 pm

ECON 302

History of economic thought

The development of economic analysis including mercantilism, the classical school, Marx, marginalism, Keynes, and others.

Prerequisite: ECON 201 or 251hc/252hc.

Lectures, 3 hours per week.

TBA/Mon 7-10 pm

COLLEGE OF EDUCATION

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 and seminar

EDUC 399

Advanced project in educational studies

(formerly EDUC 495)

A course designed chiefly for students enrolled in the Bachelor of Education program Route III. Students will complete a major assignment in one of several areas, such as curriculum development, experimental education, innovations in education, or the social and philosophical foundations of education.

Prerequisite: approval of the department of Graduate and Undergraduate Studies in Education.

(Not open to students with EDUC 495 credit.)

Bennett/Thurs 6-9 pm

EDUC 400

Analysis of discourse

(also offered as TESL 400)

Applying the different types of discourse in order to facilitate a greater understanding of spoken and written English as it is used by international students. Lectures will outline aspects of levels of discourse. Seminars will apply theories of discourse to practical understanding of English in academic and professional settings. Presentation of a lecture on discourse to a large-group study skills lecture in the IELP's study skills program.

Prerequisites: TESL 191, 250 or permission of the director.

Co-requisites: TESL 401, 402, 403, 404 or permission of the director.

(Does not lead to ministry of Education qualification to teach in the province of Ontario.)

Lectures, seminar, 3 hours per week.

Sivell/Tues 7-10 pm

EDUC 401

Advanced English grammar

(also offered as TESL 401)

Application of syntactical and phonological principles outlines in TESL 260. Advanced grammatical analysis techniques

applied to the teaching of short essays and research papers.

Prerequisites: TESL 191, 260 or permission of the director.

Co-requisites: TESL 400, 402, 403, 404 or permission of the director.

(Does not lead to ministry of Education qualification to teach in the province of Ontario.)

Lectures, seminar, 3 hours per week.

Kooistra/Wed 7-10 pm

EDUC 404

Supervised teaching

(also offered as TESL 404)

Curriculum design, TESL methods, TESL materials. Practicum. Individual work with the Intensive English language program. Weekly field seminar to discuss teaching problems.

Prerequisites: TESL 191, 393 or permission of the director.

Co-requisites: TESL 400, 401, 402, 403 or permission of the director.

(Does not lead to ministry of Education qualification to teach in the province of Ontario.)

Lectures, seminar, practice teaching, 3-5 hours per week.

Harris/Thur 7-10 pm and seminar

ENGLISH LANGUAGE AND LITERATURE

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. Special attention will be given to student's writing. Lectures, seminar, 3 hours per week.

MacDonald/Mon 8-10 pm and seminar

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.
Maskell/Thur 7-10 pm

ENGL 210
Young people's literature
(formerly EXST 195)

The critical study of children's
fiction and poetry from the past
to the present. Fairy tales, fan-
tasy, adventure, realistic and
problem novels, animal stories
and fables are explored as works
of art in relation to the themes
and concerns of literature for
young people.
(Not open to students who have
taken EXST 195 or 211.)
Lectures, seminar, 3 hours per
week.

Green/Mon 7-10 pm

ENGL 221
Sixteenth century literature

Prose and poetry from the
century of Henry VIII and
Elizabeth I; Sidney Spenser, and
Shakespeare are featured writers.
The course focuses upon the
golden decade of the 1590's.
Lectures, seminar, 3 hours per
week.

Coggins/Tues 8-10 pm and seminar

ENGL 392
Old English

Literature and language; a close
reading of prose and several
major poems in Old English, in-
cluding passages from *The*
Parker Chronicle, *Wanderer*,
Seafarer, *Deor*, *The Battle of*
Maldon, *The Dream of the*
Road.
Seminar.
Smol/Wed 7-10 pm

ENGL 400
Literary criticism

The examination of traditional
literary critics from Aristotle to
T.S. Eliot, and of some recent
developments.
Seminar.
Slade/Tues and Thurs 4-6 pm

**EXTRA-
DEPARTMENTAL
STUDIES**

EXST 295
Introduction to speech pathology

The development and disorders
of human communication: normal
speech, language and hearing de-
velopment, and clinical disorders
from the newborn to the aged.
Approaches to assessment and
remediation. Topics include ar-
ticulation, language, voice, adult
language disorders, fluency and
stuttering, neurological and audi-
tory disorders. This course is of
interest to students in education,
behavioral and social sciences,
health professionals, and
students intending to pursue sub-
sequent professional training in
speech pathology or audiology.
Lectures, seminar, 3 hours per
week.

Kroll, et al/Tues 7-10 pm

FINE ARTS

FINA 299
Special studies in the fine arts

Studies in a selected area involv-
ing a number of artistic media.
1984/85 topic: musical theatre.
1890-1980. Practical, historical
and critical exploration of the
musical on both stage and
screen, from Gilbert and Sullivan
to Stephen Sondheim. Practical
work will consist of a series of
scene studies examining styles
and staging problems.

Prerequisite: Study in 2 of
music, theatre, dance and/or
permission of the department.
Lectures, workshops, 5 hours per
week.

Grant, et al/Sat 9 am - 12 noon

FINA 382 B
Psychology of the arts
(also offered as PSYC 382hc)

An examination of psychological
responses to art. Topics include:
color, form, motion, rhythm,
space and their relationships;
proportion and balance; empathy
and aesthetic distance; abstrac-
tion and symbols. The relation
of aesthetic behavior to other

aspects of psychological function-
ing will also be considered.
Lectures, seminar, 3 hours per
week.

Benjafield/Wed 7-10 pm

FILM

FILM 194
Introduction to film criticism
(formerly offered as DRAM 194)

This 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 6-9 pm

FILM 327
Introduction to video
(also offered as COMM 327)
(formerly offered as FILM/
COMM 394)

Introduction to the theory and
practice of video techniques:
specific assignments, viewing of
video works and production
work.

Prerequisites: 2 film courses or
permission of the instructor.
(Students seeking permission of
the instructor should contact the
department prior to registration.
Enrolment will be limited to 15.)
(Not open to students with credit
in FILM 394.)

Workshops, seminar, 3 hours
per week; additional production
time as required.

Stukator/Thurs 7-10 pm

MUSIC

MUSI 150
History and literature of music
(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.

Glofcheskie/Tues 5-8 pm

MUSI 183 A
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.)

One rehearsal weekly, 2 hours;
extra rehearsal as required for
concerts.

Tremain/Wed 5-7 pm

MUSI 283 A
University choir II
(formerly offered as MUSI 282)

A continuation of choral train-
ing, associated disciplines and
performance, in which a higher
standard is required in reper-
toire, 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 293hc
(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.

Tremain/Wed 5-7 pm

MUSI 340
Electro-acoustic music II

The use of electro-acoustic music
in extended and large-scale
works for dance, theatre and/or
mixed-media events. Advanced
concrete and analogue techniques
(advanced voltage control and
parametric design) as well as
basic digital synthesis. A lab fee
of \$25.00 is charged. Limited
enrolment.

Prerequisite: MUSI 110 (or
equivalent) and MUSI 240 (or
equivalent).

Lectures, seminar, 3 hours per
week, plus additional studio
time.

Pritchard/Mon 7-10 pm

MUSI 383 A**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.

Tremain/Wed 5-7 pm

MUSI 483 A**University choir IV**

Score preparation and rehearsal methods; rehearsal and performance of choral music from the Renaissance to the twentieth century. Large and small vocal ensembles. A lab fee of \$10.00 is charged.

Prerequisite: permission of the department.

One rehearsal weekly, 2 hours; extra rehearsal as required for concerts.

Tremain/Wed 5-7 pm

MUSI 485**Composition/orchestration II**

A continuation of Composition/orchestration I involving writing of vocal, choral, and instrumental compositions. Score analysis; scoring for instrumental ensembles and voices; electronic music.

Prerequisite: permission of the department.

Lectures, seminar, 4 hours per week.

Pritchard/Tues and Thur 5-7 pm

THEATRE**THEA 210****Drama in education I**

(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 309**Drama in education II**

(formerly offered as DRAM 309)

An advanced course specializing in drama as both a teaching method for all subjects in the school curriculum and as a subject in its own right. Students will take part in workshops, research, and write a paper in an area of special interest.

Prerequisite: THEA 210 or equivalent (e.g. summer school drama specialist course offered by the ministry of Education). (Not open to students with credit in DRAM 309.)

Lectures and workshops, 3 hours per week.

Admission limited to twenty-four students, to be determined by academic standing.

Morgan/Mon 5-8 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/Mon 7-10 pm and seminar

VISA 195**Foundation studio**

(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.

(Not open to students with credit in FINA 201.)

Lectures, studio work, 4 hours per week.

Kropf/Wed 5-9 pm

VISA 202**Drawing I**

(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.

Prerequisite: VISA/(FINA) 191, 195 and/or permission of the instructor.

(Not open to students with credit in FINA 202.)

Lectures, studio work, 4 hours per week.

Clayton/Mon 6-10 pm

VISA 203**Painting I**

(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.

Prerequisite: VISA(FINA) 191, 195 and/or permission of the instructor.

(Not open to students with credit in FINA 203.)

Lectures, studio work, 4 hours per week.

Kropf/Tues 6-10 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.

TBA/Tues and Thur 7-9 pm

VISA 240**Renaissance art and architecture**

The classical resurgence of 1400-1600; individual works and artists in the social and intellectual context of the time, including Alberti, Brunelleschi, Donatello, Michelangelo, Raphael, Leonardo, etc.

Prerequisite: VISA(FINA) 191 or permission of the instructor.

Lectures, seminars, 3 hours per week.

Steiner/Wed 7-10 pm

VISA 297 B**Classical archaeology**

(also offered as CLAS 297hc)

A survey of classical archaeology, and a detailed study of selected Greek and Roman sites.

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**Drawing II**

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, 4 hours per week.

Clayton/Thur 6-10 pm

VISA 303**Painting II**

Further studies in techniques of painting. A lab fee of \$45.00 is charged. Students must provide their own materials.

Prerequisite: VISA(FINA) 203 and permission of the instructor.

Lectures, studio work, 4 hours per week.

Kropf/Fri 6-10 pm

VISA 388 A

The city in the ancient world
(also offered as CLAS 388)
(formerly offered as VISA/
CLAS 396)

The origins and evolution of the city in the Near East; the development of the city and of city planning in Greece, Italy, and the Roman Empire from the end of the Late Bronze Age through the early Byzantine period. The forms and uses of public and private buildings, religious and secular. Prerequisite: a Classics course numbered 290 or above, or permission of the instructor. 3 hours per week.

Rupp/Mon 7-10 pm

VISA 389 B

The art and architecture of the ancient Near East
(also offered as CLAS 389hc)

A study of the art and architecture of Egypt, the Levant, Mesopotamia, Iran and eastern Anatolia from the Neolithic period through the Early Iron Age.

Prerequisite: CLAS 190 or 196 or two of CLAS 191hc, 192hc, 195hc, 197hc or VISA 191. Lectures, seminar, 3 hours per week.

Rupp/Mon 7-10 pm

GEOGRAPHY**GEOG 190**

Introduction to human geography

A practical and problem-oriented approach to current issues in economic, urban and cultural geography, including resources, industry and commerce, population and food supplies, and urban and rural landscapes. Lectures, labs/seminar, 3 hours per week.

McNeil, Meeker/Tues 7-10 pm

GEOG 207 A

Maps and airphotos

Properties and uses of maps and airphotos. Map-making. Introduction to surveying and remote sensing.

Prerequisite: GEOG 190 or 191 or 192 or GEOL 195 or permis-

sion of the instructor.

Lectures, laboratory, 4 hours per week.

Hughes/Thur 6-10 pm

GEOG 208 B

Quantitative methods

An introduction to the basic mathematical structures underlying geographical problems; space, coordinate systems for space. Linear equations in up to two independent variables. Non-linear equations: polynomials, power functions, exponential functions. Linearization of non-linear systems for statistical fitting. Weekly exercises emphasize applications to typical problems. Prerequisites: GEOG 190 or 191 or 192; or permission of the instructor. Lectures, seminar, 4 hours per week.

Tinkler/Thur 6-10 pm

GEOLOGICAL SCIENCES**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 a year 2. A non-refundable lab fee of \$10.00 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 7-11 pm

GEOL 290 B

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/Thur 7-10 pm

GERMANIC AND SLAVIC STUDIES

DUTCH**DUTCH 100**

Introductory Dutch

Learning of basic skills, conversational patterns, reading and writing ability.

Language lab, 3 hours per week.

Michielsen/Mon 7-10 pm

GERMAN**GERM 100**

Language (introductory)

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

Schutz/Mon 6-10 pm

GERM 402

German classicism

Classical texts in literature and philosophy.

Lectures, 3 hours per week.

Owen/Wed 7-10 pm

HUNGARIAN**HNGR 100**

Elementary Hungarian

An audio visual approach to the Hungarian language. Stress will be placed on comprehension, reading, speaking and translating. 3 hours per week.

Hollosi/Wed 7-10 pm

RUSSIAN**RUSS 195**

Slavic culture and civilization
(given in English)

Analysis of the influence of religion, fine arts, philosophy and social conditions on the Slavic character and culture. Open also to non-majors.

Lectures, 3 hours per week.

Frankel/Thur 7-10 pm

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 and Thur 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 and Wed 5-6:30 pm

HISTORY**HIST 191**

Birth of the modern world

An introduction to the history of the Atlantic world, emphasizing the development of industrial society and the impact of this change on politics, ideas and

culture.

Lectures, seminar, 3 hours per week.

Taylor, Turner/Thur 7-10 pm

HIST 221 A

Early modern Britain

(formerly offered as part of HIST 220)

The British Isles in the fifteenth and sixteenth centuries, emphasizing the emergence of the centralized state, the impact of religious reformation, and the achievements of the Elizabethan age.

(This course is the normal prerequisite for HIST 222hc.)

(Not open to students with credit in HIST 220.)

Lectures, seminar, 3 hours per week.

McEwen/Wed 7-10 pm

HIST 233 B

Reformation Europe, 1460-1600

The Reformation and Counter-Reformation will be studied within the context of traditional Christian belief, late mediaeval and humanist reform movements, and the social and political frameworks of the regions which accepted Protestantism and those which rejected it. Economic growth, overseas expansion and the witch-craze will be other foci for discussion.

Lectures, seminar, 3 hours per week.

Arthur/Wed 7-10 pm

HIST 261 A

Military history to 1800

(formerly offered as part of HIST 290)

A study of the evolution of military strategy, tactics, logistics and weapon systems from the Battle of Marathon to the Napoleonic era.

(Not open to students with credit in HIST 290.)

Lectures, seminar, 3 hours per week.

Goodspeed/Mon 7-10 pm

HIST 294

Canada since 1840

A survey of the evolution of modern Canada since the Act of

Union, emphasizing the interaction of British, American and French-Canadian factors.

Lectures, seminar, 3 hours per week.

TBA/Thur 7-10 pm

HIST 341 A

France from the revolution to 1847

An examination of aspects of the French revolution and their impact on social structure in the early nineteenth century.

Lectures, seminar, 3 hours per week.

Sutherland/Tues 7-10 pm

HIST 342 B

France from the Second Republic to 1914

An examination of the antecedents and course of the revolutions of 1848 and 1871, and of French society and culture under the stress of industrial and agrarian change.

Lectures, seminar, 3 hours per week.

Sutherland/Tues 7-10 pm

HIST 381 B

The northeast in the old republic

An exploration of the political, social and economic development of northeastern states of the United States, such as Massachusetts, Pennsylvania and New York, up to the 1840's.

Seminar, 3 hours per week.

Hanyan/Mon 6-9 pm

MATHEMATICS

MATH 160 A

Mathematics for administrative studies.

Elementary probability with finite sample spaces, counting theorems, notation and operations of set theory, applications of probability (independent events, binomial experiments, elements of decision theory, Bayes theorem); properties of the real number line, absolute values, solution sets of equalities and inequalities, elements of linear programming; arithmetic and geometric series, interest, annuities, bonds, mortgages,

sinking funds; relations, functions, and graphing; polynomial, logarithmic, and exponential functions; introduction to linear algebra — systems of linear equations, vector and matrix notation, solution by elimination, determinants.

Prerequisite: permission of the department.

Lectures, tutorial.

Auer/Thur 7-10 pm and tutorial

MATH 165

Mathematics for computer science

Designed for students in computer science. This course primarily concerns the development, analysis and application of 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.

Prerequisite: one grade 13 mathematics credit with a minimum grade of 65% or higher.

Lectures

Jenkyns, Muller/Mon-Thur 3:30-4:30 pm or Muller, Jenkyns/Mon 7-10 pm

MATH 197 B

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.

(Not open to students with credit in any university calculus course.)

Lectures, 4 hours per week; tutorial, 1 hour per week.

Yee/Mon and Wed 7-9 pm and tutorial

MATH 198 A

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 credit in any university statistics course.)

Lectures, 4 hours per week; tutorial, 1 hour per week.

Laywine/Tues, Wed and Thur 4:30-5:30 pm and tutorial or Yee/Wed 7-10 pm and tutorial

MATH 260 B

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 7-10 pm and tutorial

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/Thur 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.

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

Sinha/Mon and Wed 3:30-4:30 pm and seminar

PHIL 206

Introduction to existentialism

Existentialism is characterized by placing people and their experiences at the centre of philosophical activity. The course surveys some of the claims and discoveries of existentialists and invites students to develop their own perceptions through attentiveness to their own being.

Seminar, 3 hours per week.

Goicoechea/Thur 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. Lectures, 3 hours per week.

Malone/Mon 7-10 pm

PHIL 211

The philosophy of education

Education, its goals and practices in various cultures, is discussed along with modern criticisms of our present system. Lectures, 3 hours per week.

Mayer/Tues 7-10 pm

PHIL 311

Religion and philosophy: comparative studies

How religion and philosophy are related to each other in some major traditions of the East and the West (Hinduism, Buddhism, Judaism, Christianity) by studying some exemplary approaches to such basic themes as God, man, time, truth, freedom. Lecture, 3 hours per week.

Goicoechea, Mayer/Wed 6-9 pm

PHIL 313

Philosophical psychology

(also offered as PSYC 313)

Phenomenological psychology. The relevance of Husserl's phenomenology for basic issues in psychology and phenomenological orientations to consciousness through Sartre and Gurwitsch, to current approaches in cognitive psychology. Further extensions will be made to the descriptions of life-world in psychiatry and everyday life (e.g.,Binswanger and May) and to the eastern meditation traditions (Yoga, Vedanta, and Mahayana Buddhism).

Prerequisite: At least one course in each of philosophy and psychology.

Lectures, seminar, 3 hours per week.

Sinha, Hunt/Thur 7-10 pm

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/Tues 7-10 pm

PHIL 415 B

Studies in contemporary European philosophy I

(formerly offered as part of PHIL 403)

The philosophy of Hans Georg Gadamer will be studied with special reference to his contribution to hermeneutics, as found in his principal work, *Truth and Method*.

Seminar, 3 hours per week.

Goicoechea/Mon 6-9 pm

PHIL 417 B

Modern philosophical studies: Kant

(formerly offered as part of PHIL 413)

In this half-course the philosophy of Immanuel Kant will be studied.

Seminar, 3 hours per week.

Nathan/Thur 6-9 pm

PHIL 418 A

Modern philosophical studies: Kierkegaard

(formerly offered as part of PHIL 413)

In this half-course the philosophy of Soren Kierkegaard will be studied.

Seminar, 3 hours per week.

Goicoechea/Mon 6-9 pm

PHIL 420 B

The development of Martin Heidegger's thought II

(formerly offered as part of PHIL 504)

A textual pursuit of the continuity in Heidegger's treatment of metaphysics between 1929 and 1953.

(Not open to students with credit in PHIL 504.)

Seminar, 3 hours per week.

Miles/Wed 6-10 pm

PHIL 515 B

Studies in contemporary European philosophy I

The philosophy of Hans George Gadamer will be studied, with

special reference to his contribution to hermeneutics, as found in his principal work, *Truth and Method*.

Seminar, 3 hours per week.

Goicoechea/Mon 6-9 pm

PHIL 517 B

Modern philosophical studies: Kant

In this half-course the philosophy of Immanuel Kant will be studied.

Seminar.

Nathan/Thur 6-10 pm

PHIL 518 A

Modern philosophical studies: Kierkegaard

In this half-course the philosophy of Soren Kierkegaard will be studied.

Seminar, 3 hours per week.

Goicoechea/Mon 6-9 pm

PHIL 520 B

The development of Martin Heidegger's thought II

This half-course will be a textual pursuit of the continuity in Heidegger's treatment of metaphysics between 1929 and 1953.

(Not open to students with credit in PHIL 504.)

Seminar.

Miles/Wed 6-10 pm

SCHOOL OF PHYSICAL EDUCATION AND RECREATION

PHED 297 A

Fitness assessment and exercise prescription

The implications for exercise prescription will be examined based on field and lab-like tests of physical fitness. Age, sex, lifestyle and facilities will be examined as they relate to the parameters of physical fitness. Prerequisite: PHED 192hc or 190 or permission of the instructor.

Lectures, lab, 3 hours per week.
Adams/Tues 7-10 pm

PHED 391 B**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 permission of the instructor.

Lectures, seminar, 3 hours per week.

Haslam/Wed 7-10 pm

RECREATION AND LEISURE STUDIES

RECL 202 A**Introduction to recreation for special populations**

Development of a personal philosophy regarding the nature and needs of special populations in recreational settings. Emphasis will be placed on understanding the normalization process and on the physiological, psychological and cognitive characteristics of special populations. Visits to community programs will be included.

Prerequisite: RECL 190

Lectures, seminar, 3 hours per week.

Evans/Wed 7-10 pm

RECL 207 A**Tests and surveys for recreation**

Community evaluation and needs assessment to provide research evidence in recreation.

Prerequisite: RECL 190 or permission of the instructor.

Lectures, seminar, 3 hours per week.

Yardley/Mon 7-10 pm

RECL 211 B**The social psychology of leisure and recreation**

A study of the social psychological dimensions of human behavior during free time including an examination of lifestyle, social habits and

motives for leisure and recreation.

Prerequisite: RECL 190.

Lectures, seminar, 3 hours per week.

Guilmette/Thur 7-10 pm

RECL 298 A**Principles of play and leisure**

A critical analysis of definitions, concepts and assumptions of classical, recent and modern play and leisure theories. Discussion of implications for individual and group lifestyles, programming, planning and research strategies.

Prerequisites: RECL 190, 200hc and 211hc.

Lectures, seminar, 3 hours per week.

Guilmette/Thur 7-10 pm

RECL 303 B**Leisure and aging**

A comprehensive course covering the philosophy and role of leisure in the life of the 'young old' and 'old'. Leisure as a social role in work and retirement with unique functions, rewards and attitudes. The effects of the decline of work and increase in leisure towards a leisure age, aspects of recreational planning, retirement planning and leisure counselling using specific practical models.

Prerequisites: RECL 190, 200hc, 201hc.

Lectures, seminar, labs 3 hours per week.

Guilmette/Tues 7-10 pm

RECL 305 A**Leisure services fieldwork**

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, 200hc and 201hc.

Fieldwork, 3 to 4 hours per week, seminars, 2 hours per week.

Yardley/Tues 3:30-5:30 pm and fieldwork

RECL 305 B**Leisure services fieldwork**

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, 200hc and 201hc.

Fieldwork, 3 to 4 hours per week, seminars, 2 hours per week.

Yardley/Mon and Wed 7-9 pm and seminars

RECL 309 B**Commercial and private recreation**

A comprehensive analysis of the existing and future roles of commercial and private recreation for all ages and incomes.

Prerequisite: RECL 200hc, 201hc and 308hc.

Lectures, seminar, 3 hours per week.

TBA/Thur 7-10 pm

RECL 394 B**Personalized recreation**

Theory and practice. The development of specific strategies using play and physical activity to enhance the social-emotional development of children and the teaching-learning process, leading to a more intimate relationship between teachers or recreation leaders and children; emphasis on encouraging the human values of recreation for every person.

Prerequisite: RECL 190, 200hc, 201hc.

(Not open to students with credit in PHED 394hc.)

Lectures, lab, 3 hours per week.

Laurence/Tues 6-9 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.

Fie/Mon 7-10 pm

POLI 201 B**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.

Woodard/Mon and Wed 3:30-4:30 pm and seminar

POLI 212**The government and politics of Canada**

A study of the political institutions and processes of Canada. Major topics will include the constitution and federalism, regions and regionalism, the political attitudes and behavior of Canadians, parties and elections, and the policy process. Lectures, seminar, 3 hours per week.

Matheson/Mon 7-10 pm

POLI 352 B**Environmental policy, law and administration**

An examination of public policies, laws and agencies for the protection and management of the Canadian environments, both natural and man-made. Lectures, seminar, 3 hours per week.

Hull/Thur 7-10 pm

POLI 359 A
Urban politics and administration
(formerly part of POLI 350)

Local government and politics in Canada with particular reference to Ontario. Topics include municipal organization, metropolitan and regional government, provincial-municipal relations, elections, councils and councillors, citizen participation, property taxation and municipal finance, selected policy areas, and theories of local government. (Not open to students with a credit in POLI 350.)

Lectures, seminar, 3 hours per week.

Church/Tues 7-10 pm

POLI 452
Public sector management
(also offered as MGMT 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. Prerequisite: year 4 honors standing, or permission of the instructor.

(Not open to students with credit in POLI 454hc.)

Lectures, seminar, 3 hours per week.

Kernaghan/Thur 7-10 pm

POLI 459 B
Issues in local government and politics

An intensive examination of selected issues in local government and politics. In 1984-85 this course examines metropolitan and regional government in Ontario. Particular attention will be given to an evaluation of the impact of regional government in the Niagara area.

Prerequisite: year 4 honors standing, or permission of the instructor.

Church/Tues 7-10 pm

POLI 485 A
Politics tutorial

Guided readings on a particular topic which is not covered in the

department's regular course offerings. Topics must be chosen in consultation with a faculty member willing to supervise the tutorial.

(Further information is available from the undergraduate officer.) Prerequisite: year 4 honors standing, or permission of the instructor.

Faculty/Department

POLI 485 B
Politics tutorial

Guided readings on a particular topic which is not covered in the department's regular course offerings. Topics must be chosen in consultation with a faculty member willing to supervise the tutorial.

(Further information is available from the undergraduate officer.) Prerequisite: year 4 honors standing, or permission of the instructor.

Faculty/Department

POLI 499
Honors thesis

A thesis based on individual study and research under faculty supervision. Topics may come from any field in the discipline and may involve library research, field work, and empirical analysis. The course is open only to students completing the honors program. Students must consult the undergraduate officer about topics, regulations, and a faculty adviser before registration.

Prerequisite: year 4 honors standing, or permission of the instructor.

Faculty/Department

POLI 577 B
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.

Scott/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/Thur 7-9 pm and seminar

PSYC 223
Research design

Principles of experimental design, systematic assessment and data analysis will be dealt with in the context of psychological research.

Lectures, tutorial, 3 hours per week.

Lordahl/Tues 7-10 pm

PSYC 230
An introduction to social psychology

Theories, research and issues of contemporary social psychology; topics such as person perception, group structure and dynamics, aggression, altruism, social attitudes, conformity, obedience and prejudice.

Lectures, seminar, 3 hours per week.

Sadava/Thur 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 7-10 pm

PSYC 308
Language and communication
(also offered as COMM 308)

Psychological processes involved in language and communication including the study of meaning, language development in children, language and thought, listening, as well as special interest topics such as television, reading, speech disorders, second language.

Lectures, seminar, 3 hours per week.

Preston/Mon 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.

Segalowicz, Smith/Tues 7-10 pm

PSYC 313
Philosophical psychology
(also offered as PHIL 313)

Phenomenological psychology. The relevance of Husserl's phenomenology for basic issues in psychology and phenomenological orientations to consciousness from William James through Sartre and Gurwitsch, to current approaches in cognitive psychology. Further extensions will be made to the descriptions of life-world in psychiatry and everyday life (e.g., Binswanger and May) and to the eastern meditation traditions (Yoga, Vedanta, and Mahayana Buddhism).

Prerequisite: At least one course in philosophy and psychology. (Not open to students with credit in PHIL 313.)

Lectures, seminar, 3 hours per week.

Sinha, Hunt/Thur 7-10 pm

PSYC 340**Psychological research**

A laboratory and lecture course in which students are exposed to research methods in several areas of psychology; emphasis is placed on developing the student's capacity to evaluate psychological hypotheses through participation in group and individual research projects. Prerequisite: PSYC 223.

Lectures, lab.

Ogilvie, Tyson/Tues 6-10 pm

PSYC 382 B**Psychology of the arts**

(also offered as FINA 382hc)

An examination of the psychological responses to art. Topics include: color, form, motion, rhythm, space and their relationships; proportion and balance; empathy and aesthetic distance; abstraction and symbols. The relation of aesthetic behavior to other aspects of psychological functioning will also be considered. May be taken as a Year 3 or Year 4 credit.

Prerequisite: PSYC 190, 3 other courses in PSYC or permission of the instructor.

Lectures, seminar, 3 hours per week.

Benjafield/Wed 7-10 pm

PSYC 387 A**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 third or fourth year course.

Lectures, seminar, 3 hours per week.

Davis, Carlsen, et al/
Wed 7-10 pm

PSYC 492 A**History of psychology**

The historical development of

different orientations to psychology. Topics include: philosophical and physiological influences in psychology; introspectionism; functionalism; behaviorism; Gestalt theory; psychoanalysis.

Prerequisite: admission to Year 4 or permission of the chairman and instructor.

Lectures, seminar, 3 hours per week.

Benjafield/Thur 4-6 pm and seminar

PSYC 493 B**Honors seminar**

(formerly part of PSYC 490)

A comprehensive look at the fundamental issues in the various areas of psychology, with each faculty member responsible for one specific area.

Prerequisite: admission to Year 4 and PSYC 492hc.

(Not open to students with credit in PSYC 490.)

Lectures, seminar, 3 hours per week.)

Faculty/Thur 4-6 pm and seminar

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, 4 hours per week.

Wilch/Mon and Wed 4-6 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.

McDermott/Mon 7-10 pm

REST 192

Intermediate Hebrew

Selected readings from Old

Testament texts in Hebrew prose, poetry and wisdom, plus an introduction to biblical Aramaic.

Prerequisite: REST 100.

Seminars, 3 hours per week.

Wilch/Thur 7-10 pm

REST 250

Religion and literature

The relation between religious and literary meaning; the religious foundations and implications of important literary texts from Greek tragedy to the moderns; aesthetic, symbolic and figurative structures in religious writing.

Prerequisite: any humanities course, or permission of the instructor.

Lectures, seminars, 3 hours per week.

Lye/Tues and Thur 4:30-6 pm

REST 360

Old Testament prophets

An intensive study of the prophetic literature of the Old Testament. Historical assessment of the prophetic movement and literary analysis of its preserved message for an understanding of the phenomenon of prophecy in Israel.

Lectures, seminar, 3 hours per week.

Weber/Mon 7-10 pm

ROMANCE STUDIES

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 and lab

FREN 190

Language and literature

Practice in speaking, reading, and writing; self-expression through discussion. Selected literary texts.

Language laboratory.

Cardy/Thur 7-10 pm and lab

FREN 200

Language (intermediate)

Literary and idiomatic expression. Composition, critical written and oral expression through discussion of general and literary topics.

Transposition into French.

TBA/Tues 7-10 pm

FREN 400

History of the language

The origins of French. Dialectal and provincial variations since the Middle Ages. Social influences upon language. Lexicology and idiomatology. The impact of other languages on French. Assessment of French as a vehicle of thought through the ages.

Pujoll/Mon 7-10 pm

FREN 410

Language and literature of the Middle Ages

From the chansons de geste to the 15th century. Romans courtois, satire, history and theatre. Grammar and syntax of old French. Prescribed texts: Beroul, *Le Roman de Tristan*; Le *Roman de Renard*; J. Bodel, *Le Jeu de Saint Nicholas*; Villon, *Poésies*.

Cardy/Mon and Wed 4-5:30 pm

ITALIAN

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.

De Luca/7-10 pm and lab

ITAL 200

Language (intermediate)

Advanced grammar, intensive oral and written practice. Critical

evaluation of modern plays.
Translation.
Federici/Wed 6-9 pm

SPANISH

SPAN 100 **Language (introductory)**

Essentials of grammar, emphasis on idiomatic expression. Conversation and elementary composition.
Language laboratory.
Fernandez/Wed 7-10 pm and 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 and lab

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/Thur 7-10 pm

SOCI 230 **Research methods in social relations**

Introduction to the methods and procedures employed in social science research: research design and methods of data collection as well as the processing and analysis of data. Lectures emphasize the logic underlying research design and appropriate methods. Labs concentrate on data processing management and analysis, including the use of micro and mainframe computers (word and data processing, data base management and computer analysis SPSS).
(Not open to students with credit

in SOCI 231hc or 232hc.)
Lectures, lab, 4 hours per week.
TBA/Wed 6-8 pm and lab

SOCI 341 A **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, leadership, 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/Mon and Wed 3:30-5 pm or TBA/Wed 7-10 pm or TBA/Thur 7-10 pm

SOCI 342 B **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.
TBA/Wed 6-10 pm or TBA/Thur 6-10 pm

SOCI 351 A **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/Tues 7-10 pm

SOCI 352 B **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/Tues 7-10 pm

SOCI 389 A **Directed studies**

See SOCI 399
Faculty/Department

SOCI 389 B **Directed studies**

See SOCI 399
Faculty/Department

SOCI 397 B **Directed studies**

Guided readings on a particular topic which is not covered in the department's regular course offerings. Topics must be chosen in consultation with a faculty member willing to supervise the tutorial.
Prerequisite: permission of the instructor.
Seminar, 3 hours per week.
Faculty/Department

SOCI 399 **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.
May be taken a second time as SOCI 389.
Faculty/Department

TEACHING ENGLISH AS A SECOND LANGUAGE

TESL 400 **Analysis of discourse** (also offered as EDUC 400)

Applying the different types of discourse in order to facilitate a greater understanding of spoken and written English as it is used by international students. Lectures will outline aspects of levels of discourse. Seminars will apply theories of discourse to practical understanding of English in academic and professional settings. Presentation of a lecture on discourse to a class in the IELP's study skills program.
Prerequisites: TESL 191, 250 or permission of the director.
Co-requisites: TESL 401, 402, 403, 404 or permission of the director.
(Does not lead to ministry of Education qualification to teach in the province of Ontario.)
Lectures, seminar, 3 hours per week.
Sivell/Tues 7-10 pm

TESL 401 **Advanced English grammar** (also offered as EDUC 401)

Application of syntactical and phonological principles outlined in TESL 260. Advanced grammatical analysis techniques applied to the teaching of short essays and research papers.
Prerequisites: TESL 191, 260 or permission of the director.
Co-requisites: TESL 400, 402, 403, 404 or permission of the director.
(Does not lead to ministry of Education qualification to teach in the province of Ontario.)
Lectures, seminar, 3 hours per week.
Kooistra/Wed 7-10 pm

TESL 404 **Supervised teaching** (also offered as EDUC 404)

Curriculum design. TESL methods. TESL materials. Practicum. Individual work with the Intensive English language program. Weekly field seminar to

discuss teaching problems.
Prerequisites: TESL 191, 393 or permission of the director.
Co-requisites: TESL 400, 401, 402, 403 or permission of the director.
(Does not lead to ministry of Education qualification to teach in the province of Ontario.)
Lectures, seminar, practice teaching, 3 to 5 hours per week.
Harris/Thur 7-10 pm

THEORY OF ART THERAPY

TATH 403 Spontaneous expression through art

The concept of creativity and its role in education and in life; the use of spontaneous art in preventative, diagnostic, therapeutic and rehabilitative situations; theoretical approaches to unconscious aspects of human behavior, dreams, artistic symbolism and group dynamics.
Lectures, seminars, 3 hours per week.
Fischer/Thur 7-10 pm

INSTITUTE OF 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, hydro-electric 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/Thur 7-10 pm and seminar to be scheduled

UEST 297 Principles of environmental studies

Introduction to basic ideas and concepts of environmental sciences. Applied ecology, systems approach, the world futures debate on limits to growth. Major variables of the global ecosystem: population, food production, pollution and natural resources. Environmental economics and politics, with special consideration of energy issues and alternative energy policies.
Prerequisite: completion of Year 1 requirements for urban and environmental studies.
Lectures, 2 hours per week; seminars, labs, fieldtrips, 3 hours per week.
Berkes/Mon 7-9 pm and seminar to be scheduled

UEST 356 B Urban countryside policy-planning

The urban-related countryside and its agricultural and environmentally sensitive resource areas. Policy problems of urban containment, boundary definition, density control and expansion in areas of high food-production potential and environmental sensitivity. Comparative approaches to countryside planning policies in other areas of heavy urban impact. Field observation and study assignments on urban countryside policies.
Prerequisite: UEST 190, 296 and 297 or permission of instructor.
Lectures, seminar, 3 hours per week.
Hoover/Wed 7-10 pm

UEST 393 A 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.
(Not open to students with credit in UEST 325hc.)
Lectures, seminar, 3 hours per week.
Berkes/Wed 7-10 pm

UEST 395 A 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.
Prerequisite: UEST 190, 296 and 297 or permission of the instructor.
(Not open to students with credit in UEST 396.)
Lectures, seminars, workshops, 3 hours per week.
Berkes/Tues 7-10 pm

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 10 - December 7
- b - half course offered from January 7 - April 12

**1984/85
WINTER
EVENING
SCHEDULE**

**ADMINISTRATIVE
STUDIES**

Accounting

- 253a Introduction to financial accounting
- 253b Introduction to financial accounting
- 254b Introduction to management accounting
- 356a Intermediate financial accounting I
- 357b Intermediate financial accounting II
- 454a Canadian income tax I
- 456b Canadian income tax II

Finance

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

Management

- 191a Introduction to business
- 192b Introduction to management
- 194b Computing for administrative studies
- 240a Commercial law
- 240b Commercial law
- 330a Production management
- 330b Production management
- 341a Organizational behavior
- 342b Organizational theory
- 381b Corporate planning
- 421 Public sector management
- 462a Personnel management
- 463b Labor relations

Marketing

- 322a Basic marketing
- 324b Marketing management

BIOLOGICAL SCIENCES

- 190 Contemporary issues in biology

CHEMISTRY

- 490 Research project
- 491 Thesis

CHILD STUDIES

- 311 Issues in developmental

- psychology
- 350 Focus on early childhood education

**COMMUNICATIONS
STUDIES**

- 308 Language and communication

**COMPUTER SCIENCE
AND INFORMATION
PROCESSING**

- 101a Computer programming
- 104b Programming methodology and data structures
- 194b Computing for administrative studies
- 203a Advanced data structures
- 260b Introductory operations research
- 399a Computing project I
- 399b Computing project I

ECONOMICS

- 192b Principles of macroeconomics
- 201 Microeconomics
- 251a Intermediate micro theory
- 252b Intermediate macro theory
- 290a Economic statistics
- 302 History of economic thought

**COLLEGE OF
EDUCATION**

- 350 Focus on early childhood education

**ENGLISH LANGUAGE
AND LITERATURE**

- 191 Introduction to literature
- 199 Language of science, social science and literature
- 210 Young people's literature

FINE ARTS

Fine Arts

- 382b Psychology of the arts

Film

- 194 Introduction to film criticism

Visual Arts

- 202 Drawing I
- 203 Painting I

GEOGRAPHY

- 190 Introduction to human geography
- 207a Maps and airphotos
- 208b Quantitative methods

**GEOLOGICAL
SCIENCES**

- 190 Introduction to geology

**GERMANIC AND
SLAVIC STUDIES**

German

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

HISTORY

- 191 Birth of the modern world

MATHEMATICS

- 160a Mathematics for administrative studies
- 165 Mathematics for computer science
- 197b Differential and integral methods
- 198a Basic statistical methods
- 260b Introductory operations research

PHILOSOPHY

- 190 Introduction to philosophy

POLITICS

- 190 Introduction to politics
- 212 Government and politics of Canada
- 452 Public sector management
- 485a Politics tutorial
- 485b Politics tutorial
- 499 Honors thesis

PSYCHOLOGY

- 190 Introduction to psychology
- 223 Research design
- 308 Language and communication
- 311 Issues in developmental psychology
- 340 Psychological research
- 382b Psychology of the arts

ROMANCE STUDIES

French

- 190 Language and literature
- 200 Language (intermediate)

Spanish

- 100 Language (introductory)

SOCIOLOGY

- 220 Theories in social relations
- 230 Research methods in social relations
- 341a Organizational behavior
- 342b Organizational theory
- 389a Directed studies
- 389b Directed studies
- 397b Directed studies
- 399 Directed studies

DEPART- MENTS TO CONTACT FOR FURTHER INFOR- MATION

For further information about any of the programs and courses listed in this brochure: Part Time Programs office 688-5550, ext. 3249 or 3250.

To arrange a tour of the University, or contact the Speakers' Bureau: Liaison and Information Office, 688-5550, ext. 3245.

For admissions and registration information, and academic counselling: Registrar's Office, 688-5550, ext. 3434.

For details about financial assistance and the Ontario Student Awards Program: Student Awards Office, 688-5550, ext. 3253.

The Brock Centre for the Arts: Box Office, 688-5475; Administration, 688-5550, ext. 3216.

For information about athletic programs and varsity sports: Physical Education Office, 688-5550, ext. 3384/3385.

The University's mailing address is: Brock University, St. Catharines, Ontario L2S 3A1.

Brock students are looking for accommodations. If you have a house, apartment, flat or room to rent, please contact the University Housing office at 688-5550, ext. 3370, Mon.-Fri./ 8:30-4:30 pm.

REGISTRA- TION AND APPLI- CATION FORMS

REGISTRATION FORM FOR GENERAL INTEREST COURSES AND PIE PROGRAMS

Please complete the following form and return with your cheque, made payable to Brock University, to:

OFFICE OF PART TIME PROGRAMS

Thistle 263, Brock University

St. Catharines, Ontario L2S 3A1

(Please print)

Name: _____

Address: _____

Postal Code: _____

Telephone: (Home) _____ (Business) _____

This section to be completed for General Interest Courses only:

I wish to enrol in the following program(s):

Course Title

Fee

☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

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☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

Total \$ _____

This section to be completed for PIE programs only:

I wish to enrol in the following program(s):

Program Title

Fee

Total \$ _____

1. If you have ever been involved in a similar program, please describe and indicate the sponsoring organization: _____

2. Describe briefly your goals for the program: _____



REGISTRAR'S OFFICE
BROCK UNIVERSITY
ST. CATHARINES, ONTARIO
L2S 3A1
688-5550 EXT. 3431

APPLICATION FOR ADMISSION TO PART-TIME STUDIES

(PLEASE SEE REVERSE SIDE FOR INSTRUCTIONS)

ID NUMBER									

FOR OFFICE USE ONLY

PLEASE PRINT

MR. <input type="checkbox"/> MRS. <input type="checkbox"/> MISS <input type="checkbox"/> MS. <input type="checkbox"/>		SURNAME:		GIVEN NAMES (ALL NAMES IN FULL, AS ON BIRTH CERTIFICATE)				FORMER SURNAME:							
ADDRESS:		NUMBER		STREET		APARTMENT		CITY		PROVINCE		COUNTRY			
POSTAL CODE		TELEPHONE		IF EMPLOYED, NAME OF EMPLOYER				BUSINESS TELEPHONE							
AREA CODE		NUMBER						AREA CODE				NUMBER			
SOCIAL INSURANCE NUMBER		SEX:		BIRTHDATE:		MARITAL STATUS:		MOTHER TONGUE:							
		<input type="checkbox"/> MALE <input type="checkbox"/> FEMALE		YEAR MONTH DAY		SINGLE DIVORCED WIDOWED		{ 1 }		<input type="checkbox"/> MARRIED SEPARATED		{ 2 }			
STATUS IN CANADA IF NOT A CANADIAN CITIZEN PERMANENT RESIDENT (LANDED IMMIGRANT) STUDENT VISA OTHER VISA		DATE OF ENTRY INTO CANADA		COUNTRY OF CITIZENSHIP:											
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3		YEAR MONTH													
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:															
<input type="checkbox"/> AS A STUDENT ON A LETTER OF PERMISSION															
<input type="checkbox"/> AS A STUDENT UPGRADING A PREVIOUS DEGREE															
<input type="checkbox"/> AS AN AUDITOR - NO DEGREE															
<input type="checkbox"/> AS A MATURE STUDENT															
<input type="checkbox"/> BK - ACCOUNTING CO-OP															
<input type="checkbox"/> BN - ADMINISTRATIVE STUDIES															
<input type="checkbox"/> BE - BUSINESS ECONOMICS															
<input type="checkbox"/> BD - ARTS - CHILD STUDIES															
<input type="checkbox"/> BB - CONCURRENT BA/BED - CHILD STUDIES															
<input type="checkbox"/> BQ - ARTS - GREEK AND ROMAN ART CULTURE AND ANCIENT LANGUAGE, ARCHAEOLOGY															
<input type="checkbox"/> BA - ARTS - OTHER															
<input type="checkbox"/> BL - CANADIAN STUDIES															
<input type="checkbox"/> BU - COMMUNICATION STUDIES															
<input type="checkbox"/> BT - DRAMA/THEATRE															
<input type="checkbox"/> BF - FILM															
<input type="checkbox"/> BZ - LIBERAL STUDIES															
<input type="checkbox"/> BM - MUSIC															
<input type="checkbox"/> BP - PHYSICAL EDUCATION															
<input type="checkbox"/> BW - RECREATION/LEISURE STUDIES															
<input type="checkbox"/> BS - SCIENCE - BIOLOGY															
<input type="checkbox"/> BJ - SCIENCE - CHEMISTRY +/-OR PHYSICS															
<input type="checkbox"/> BG - SCIENCE - COMPUTER SCIENCE															
<input type="checkbox"/> BH - SCIENCE - MATHEMATICS															
<input type="checkbox"/> BO - SCIENCE - PHYSICAL GEOGRAPHY															
<input type="checkbox"/> BX - SCIENCE - GEOLOGY															
<input type="checkbox"/> BR - VISUAL ARTS															
SESSION FOR WHICH YOU ARE APPLYING:															
<input type="checkbox"/> FALL (SEPTEMBER ENTRY) <input type="checkbox"/> WINTER (JANUARY) <input type="checkbox"/> SPRING EVENING <input type="checkbox"/> SUMMER DAY															
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 STUDENT NUMBER															
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 available in the Registrar's Office.
2. Applicants who have attended secondary school should 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:**
Registrars Office, Admissions
Brock University,
St. Catharines,
Ontario. L2S 3A1

Telephone: (416) 688-5550, ext 3431

SPECIAL NOTE: Early applications are encouraged. Late applications may not be able to be processed in time for registration.

(2) Details concerning registration and Fall/Winter course offerings will be available by August 1, 1984.

**FALL/WINTER 1984/85
RETURNING STUDENTS**

Student Name: _____

First Initial Surname

Student Number: _____

Address: _____

Street Number	Street Name	Apt. No.
---------------	-------------	----------

City	Province	Postal Code
------	----------	-------------

Telephone: _____
Home _____ Business _____

COMPUTER SCIENCE QUESTIONNAIRE

The Department of Computer Science and Information Processing is currently contemplating the introduction of a Master of Science degree in Computer Science within the next two or three years. It is proposed that both part time and full time programs would be offered in two areas of specialization: distributed systems and industrial applications.

If you are interested in a graduate degree program in Computer Science, would you kindly fill in the following questionnaire and return this form to: Dr. P.A.V. Thomas, Department of Computer Science, Brock University, St. Catharines, Ontario, L2S 3A1.

I would be interested in taking an M.Sc. degree program in Computer Science at Brock University when available.

☐ as a part time student ☐ as a full time student

Student Name: _____

Address: _____

[illegible]

- ### Buildings
1. Alpha 5 Trough (pub)
 2. Arthur Shenson Tower
 3. Carpenter Shop
 4. Central Utilities Building
 5. College of Education
 6. Concordia Lutheran Seminary
 7. DCCS Residence
 8. Alumni Greenhouse
 9. Hand-dug parking area
 10. MacIntyre Chem. Complex
 11. Parking lot A
 12. Parking lot B
 13. Parking lot M
 14. Physical Education Complex
 15. Railing lot K
 16. Seaford House
 17. Seaford House Pool
 18. Think Complex

