



# Fall & Winter

*Part Time Programs*  
*1985/86*

**Brock University**

# TABLE OF CONTENTS

## All about Brock

Niagara's neighborhood university	3
The campus	3
The University Library	3
Brock Centre for the Arts	3
Physical Education Complex	3
Book Store	3
Day Care Centre	4
Information for disabled students	4
Tours	4
Speakers' Bureau	4

## Part Time Programs Office 4

## Dates and Deadlines 5

## General Interest Courses

General Interest Course registration	7
Fees	7
Special fees for older adults	7
Fee refunds	7
Daily schedule for General Interest Courses	8
Course descriptions	9

## Learning skills program 13

Registration	13
Fees	13
Program descriptions	13

## Intensive English Language Program 14

## Planning your Retirement 15

## 1986 Elderhostel 16

## "Excellence in the Eighties"

Speaker Series	16
----------------	----

## Brock Aquatic Centre 17

## Certificate Programs

Brock certificate programs	18
Professional certificate programs	18

## Continuing Studies in the College of Education

Route II BEd program (In-service)	19
Program requirements	19
Admission to the program	19
Advanced standing	19
Registration	19
Additional fees	19
Master of Education (MEd) program	19
In-service education timetable - fall/winter session, 1985/86	21

## Part time studies for degree credit

Admissions	22
Special admission to undergraduate studies	22
Senior citizens	22
Auditor status	22
Classes begin	22
Registration dates and times	23
Fees	23
Financial assistance	23
Other important information	23
Legend	23

## 1985/86 fall/winter evening course descriptions 24

## Programs for shift workers 41

## Departments to contact for further information 43

## Registration and application forms

Registration form for General Interest Courses and PIE programs	44
Application for Admission to Part Time Studies	45
Registration form request for returning students	47
Campus map	48

# 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 4200 full time and 4400 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 3, 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 688-5550, ext. 3515.

---

## 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 External Relations 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 External Relations 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 evening, summer day, 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.

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.

# DATES AND DEADLINES

## 1985

<b>August</b>	12	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.
<b>September</b>	2	Monday	Labour Day. University closed; library closed.
	4	Wednesday	Registration for fall/winter evening sessions for students taking Monday/Wednesday classes.
	5	Thursday	Registration for fall/winter evening sessions for students taking Tuesday/Thursday classes.
	9	Monday	First day of classes, day and evening sessions, fall term.
	20	Friday	Last day for fall term half course changes, with permission of the instructor.
	23	Monday	First day of classes, In-service education courses, fall/winter session. Registration for Brock Aquatic Centre swim lessons in lobby of Physical Education Complex, from 6-8 pm.
	27	Friday	Last day for full 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).
<b>October</b>	14	Monday	Thanksgiving Day. University closed; library closed.
	25	Friday	Fall Convocation
<b>November</b>	15	Friday	Last day for withdrawal without the assignment of a grade for fall term half courses.
	29	Friday	Last day for fall/winter session In-service education courses with partial refund of fees (no refund after this date). Last day for withdrawal without the assignment of a grade for In-service education fall term half courses. No refund of fees.
<b>December</b>	6	Friday	Last day of classes, fall term.
	6	Friday to	Mid-year (progress) examinations for courses numbered 100-199.
	21	Saturday	Final examinations for fall term half courses.
	22	Sunday	Christmas recess begins.

# DATES AND DEADLINES

<b>1986</b>			
<b>January</b>	6	Monday	First day of classes, winter term. First day of In-service education classes, winter term. Registration for Brock Aquatic Centre swim lessons in lobby of Physical Education Complex, 6-8 pm.
	17	Friday	Last day for winter term half course changes, with permission of the instructor.
	31	Friday	Last day for application for Ontario Student Awards Program (OSAP) for winter term. Last day for withdrawal without the assignment of a grade for In-service education fall/winter full and winter term half courses.
<b>February</b>	23	Sunday	Winter reading week, to Sunday, March 2. No classes will be held.
<b>March</b>	7	Friday	Last day for withdrawal without the assignment of a grade for all fall/winter full courses and winter term half courses. Last day for receipt of application for graduation at Spring Convocation, 1986.
	28	Friday	Good Friday. University closed; library open. Last day of In-service education courses, fall and winter term.
<b>April</b>	7	Monday	Registration for Brock Aquatic Centre swim lessons in the Physical Education Complex lobby, 6-8 pm.
	11	Friday	Last day of classes, winter term.
	12	Saturday to	Final examinations.
	29	Tuesday	
	28 29	Monday to Tuesday	Registration and first day of classes, spring evening session.

# 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).

---

## 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, 1985 to August 31, 1986 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 Programs 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
It's your money	Personal income tax preparation	Orienteering	Investing in the stock market	Intermediate birding <sup>(7)</sup>	Orienteering
Introduction to microcomputers	Small business seminar	Stock option strategies	Computer literacy		Intermediate birding <sup>(7)</sup>
Workshop for new writers	Practical gemmology	Computer software lab	Calligraphy		Human resource development for supervisors: a mini-series <sup>(4)</sup>
Basics of geology	Recognition and treatment of sports injuries <sup>(5)</sup>	Income tax for small business	Workshop on taping and wrapping techniques for sports injuries <sup>(3)</sup>		Workshop on taping and wrapping techniques for sports injuries <sup>(3)</sup>
Speed reading <sup>(1)</sup>	Social dance	Write - and be published!			
Etymology: where words come from	Townscape and landscape in New Zealand	Introduction to astronomy	Domestic oenology: making wine from grapes at home		
Human resource development for supervisors <sup>(4)</sup>	Effective problem-solving	Speed reading <sup>(1)</sup>	BASIC computer programming for beginners: Part I (Session B) <sup>(2)</sup>		
The ancient Near East: archeologists and artifacts		Human resource development for supervisors: a mini-series <sup>(4)</sup>	BASIC computer programming for beginners: Part II <sup>(2)</sup>		
Leadership seminar		Introduction to weight training			
BASIC computer programming for beginners: Part I (Session A) <sup>(2)</sup>		Wine appreciation: Part I <sup>(6)</sup>	Level III theory-national coaching certification program		
		Wine appreciation: Part II <sup>(6)</sup>			

<sup>(1)</sup> Classes are held on Mondays and Wednesdays of each week.

<sup>(2)</sup> Part I Session A classes to be held Nov. 11 - Dec. 16; Session B classes to be held Jan. 9 - Feb. 13. Part II classes to be held Mar. 6 - Apr. 10.

<sup>(3)</sup> Workshop classes to be held Thurs., Oct. 3, or Sat., Nov. 2.

<sup>(4)</sup> Classes to be held Sat, Feb. 22, Mon., Feb. 24, Wed., Feb. 26 and Sat., Mar. 1.

<sup>(5)</sup> Two sessions are offered: Sept. 24 - Oct. 29 and Mar. 18 - Apr. 22.

<sup>(6)</sup> Part I classes to be held Oct. 9 - Nov. 27; Part II classes to be held Jan. 8 - Feb. 26.

<sup>(7)</sup> Introductory class on Fri., Nov. 1 and 5 field trips on Sundays (or Saturdays if class prefers).



# GENERAL INTEREST COURSE DESCRIP- TIONS

## BUSINESS AND FINANCIAL MANAGEMENT

### GEN-32-100

#### Small business seminar

This 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/  
6:30-9:30 pm/Oct. 8 -  
Nov. 12/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.

**Robert Miniou/6 Tuesdays/  
7:00-9:30 pm/Oct. 8 - Nov. 12/  
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. 9-Nov. 13/Fee: \$50**

### 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. 7 - Nov. 18,  
excluding Oct. 14/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 widely 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.

**Ron Hogan/6 Thursdays/7-9 pm/  
Oct. 10 - Nov. 14/Fee: \$55**

### 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. An 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 Wednesdays/  
7-9 pm/Oct. 9 - Nov. 13/  
Fee: \$50**

## 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/  
Sept. 23 - Nov. 4, excluding  
Oct. 14/Fee: \$75**

### GEN-16-108

#### BASIC computer programming for beginners: Part I

Students will have a hands-on experience in learning micro-computer 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: J. R. Brown, *Instant BASIC, Edition II*, Dilithium Press, 1982.

Enrolment is limited. Please indicate the session for which you are registering.

**R. Hiatt and T. Jones/  
Session A: 6 Mondays/7-9 pm/  
Nov. 11-Dec. 16/Fee: \$75  
Session B: 6 Thursdays 7-9 pm/  
Jan. 9 - Feb. 13/Fee: \$75**

#### **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 scripted variables; subroutines; formatted output; magnetic tape and disk files. Students completing Parts I and II will have a thorough knowledge of the BASIC language, its techniques and applications.

Required reading: *Instant BASIC, Edition II*, Dilithium Press, 1982.

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

Enrolment is limited.

**R. Hiatt and T. Jones/6 Thursdays/  
7-9 pm/March 6 - April 10/  
Fee: \$75**

#### **GEN-16-111 Computer literacy**

The course offers a comprehensive look at computers: what they are, how they operate and the advantages that can be derived from their use. The basis of this course is a series of videotapes that explain the basics of hardware and software; the fundamentals of data input, processing, storage, and output; the

different types and sizes of computers; the range of operating systems and programming languages; and the variety of installations and applications to individuals and business users.

While the content will appeal to those presently involved with computers, it is also designed for those who have only a nodding acquaintance with them.

**Duncan S. Pollock/6 Thursdays/  
Oct. 10 - Nov. 14/7-10 pm/Fee: \$75**

#### **GEN-16-112 Computer software lab**

This course provides demonstrations and hands-on practice in the main areas of computer software. The sessions will cover word processing, computerized accounting, electronic spread sheets, computer aided design, computer based instruction, computer programming, and computer networks.

Each participant will have access to a TRS-80 Color Micro-Computer and, through a variety of exercises, obtain a unique knowledge of the range of software available to individual and business users. No previous knowledge of computers is necessary, although some ability to type is preferable.

**Duncan S. Pollock/6 Wednesdays/  
7-10 pm/Oct. 9 - Nov. 27/Fee: \$75**

### **GEOGRAPHY AND HISTORY**

#### **GEN-08-109 Township and landscape in New Zealand**

New Zealand is a land of many contrasts: mountains, glaciers, beaches, headlands, geysers, hot springs, forests, farms, towns and four major cities. Always interesting and often exciting, the nation is a fascinating study.

This course will introduce the major urban and rural environments of the North and South Islands visually, by colour slides, and through commentary. The course will appeal to those who have travelled, or who wish to

travel to New Zealand, and to those who have a specific interest in the landscape/townscape/environment interaction.

**John N. Jackson/8 Tuesdays/  
7:30-9:30 pm/Oct. 8 - Nov. 26/  
Fee: \$45**

#### **GEN-10-111 The Ancient Near East: archeologists and artifacts**

The ancient Near East, the cradle of civilization, has captivated the Western world since the 18th century. Great explorers, archeological entrepreneurs and quiet scholars from Europe, England and North America have all made significant contributions to our understanding of this region's rise and development.

The course will selectively survey for Egypt, Syro-Palestine, Mesopotamia, Anatolia and Cyprus the archeologists who unearthed this exciting past and some of the fascinating artifacts and architecture they discovered.

Recommended texts are: Seton, Lloyd. *Foundations in the Dust: The Story of Mesopotamian Exploration*, revised and enlarged, paper edition, Thames and Hudson, 1980 and James, T.G.H., ed. *The Egyptian Exploration Society 1882 - 1982*. Univ. of Chicago, 1982.

**David Rupp/8 Mondays/7-9 pm/  
Oct. 7 - Dec. 2, excluding Oct. 14/  
Fee: \$50**

### **LANGUAGE AND LITERATURE**

#### **GEN-10-107 Etymology — where words come from**

Etymology traces the history, genealogy and development of a language. The course deals with the history of the English language, Greek and Latin roots, types and uses of dictionaries, slang, and investigates words or phrases of particular interest to students.

If you love to read, do crossword puzzles, use medical jargon

in your work, or want to expand your vocabulary, the study of etymology can help you. Bring along a good dictionary.

**Elizabeth Rupp/6 Mondays/7-9 pm/  
Oct. 7 - Nov. 18, excluding Oct. 14/  
Fee: \$45**

#### **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/  
8 Mondays and Wednesdays/  
5-7 pm/Sept. 30 - Nov. 25,  
excluding Oct. 14/Fee: \$85**

#### **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. 9 - Nov. 27/Fee: \$70**

#### **GEN-92-172**

##### **Workshop for new writers**

This course offers those engaged in putting words to paper an opportunity to give their writing skills a professional polish. In a pleasant workshop atmosphere, new writers may share their work and benefit from constructive criticism. The topics and structure of the course will be determined by and adapted to the needs and input of the students, although it is expected that basic techniques, style, plotting and pace will be covered.

**David Thomas/8 Mondays/  
7-10 pm/Oct. 7 - Dec. 2,  
excluding Oct. 14/Fee: \$70**

## **PHYSICAL EDUCATION AND HEALTH**

#### **GEN-18-117**

##### **Introduction to weight training**

The aim of this course is to introduce participants to the principles involved in weight training, to teach the proper use of training equipment, to explain what exercises tone which muscles and to teach participants how to set up their own training programs. Using the University's Universal equipment and free weights, the course is practical as well. The use of Nautilus equipment is not available, although the principles of its use will be covered.

Participants can expect to get into better physical condition

and gain confidence and experience in the use of weight training equipment.

**Colla Jean MacDonald/  
10 Wednesdays/7-10 pm/  
Oct. 2 - Dec. 4/Fee: \$75**

#### **GEN-18-119**

##### **Workshop on taping and wrapping techniques for sports injuries**

The workshop is designed to help the team therapist or coach to learn the skills required to tape various joints of the body. A short explanation of the principles of taping and the various methods will be followed by a 2-1/2 hour practical, supervised session. Protective and preventative strapping techniques for sprained wrists, charley horses, groin pulls, hyperextended fingers, thumbs, wrists and separated shoulders will be demonstrated. All supplies, including tape, tensors, spray and prowrap will be provided.

Enrolment is limited.

Please indicate the session you wish to attend when registering.  
**Joseph Kenny/Thurs., Oct. 3/  
6:30-10:30 pm/or Sat., Nov. 2/  
8:30 am - 12:30 pm/Fee: \$30**

#### **GEN-18-120**

##### **Level III Theory — National Coaching Certification Program**

This course is for coaches who have already completed the Level II certification. The Level III course deals with advanced topics in both exercise physiology and psychological preparation for competition. The material is aimed at coaches who have continuous contact with athletes. Participants will be required to submit a year's training program for approval upon completion of the course.

**Lorne Adams and Ian Haslam/  
12 Thursdays/7-10 pm/  
September 26 - December 12/  
Fee: \$65**

#### **GEN-92-153**

##### **Recognition and treatment of sports injuries**

A knowledge of athletic injury management is an invaluable skill. To those responsible for

the health, safety and welfare of athletes, this knowledge is essential. This course should appeal to high school coaches, community coaches, nurses, physical therapists, athletic trainers, team managers and fitness leaders.

This course provides 10 hours of theory and 8 hours of practical, hands-on experience related to the prevention and treatment of athletic injuries. 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.

Please indicate the session you wish to attend at time of registration.

**Joseph Kenny/  
Session A: 6 Tuesdays/7-10 pm/  
Sept. 24 - Oct. 29/  
Fee: \$65 includes manual  
Session B: 6 Tuesdays/  
7-10 pm/Mar. 18 - Apr. 22/  
Fee: \$65 includes manual**

## **RECREATIONAL ACTIVITIES AND HOBBIES**

#### **GEN-05-107**

##### **Intermediate birding - a field study of winter birds**

This course will consist of one introductory class to be held on Friday, Nov. 1, and five field trips on Sundays (Saturdays if necessary) in the winter term. The field trips will be located 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 with 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. 1,  
7-10 pm, and 5 Saturdays or  
Sundays, Nov. 2 to Dec. 1/  
Fee: \$60**

#### **GEN-18-114**

##### **Orienteering**

This experiential course is based on skills used in the sport of orienteering. Participants will learn the skills of map reading, map orientation, navigation using a topographical map, magnetic compass use with a map and relocating oneself in the woods with a map. The course will culminate with an event similar to a regular orienteering meet staged for novice orienteers.

Participants will find their observation and navigation skills sharpened, their confidence enhanced and be introduced to a new sport as well. The course will appeal to camp leaders, scouts and guides, hunters, hikers, cross-country skiers, canoe trippers and adventurous families.

**Patricia St. Croix/Wednesday,  
Oct. 30, 6:30-9:30 pm/Saturday,  
Nov. 2, 11 am - 2 pm at Short  
Hills Provincial Park/Sunday,  
Nov. 3, 10-11 am for instruction,  
11 am meet begins/Fee: \$40  
(\$20 for each additional family  
member).**

#### **GEN-18-118**

##### **Social dance**

The course will provide theoretical knowledge and practical experience in social dancing. The waltz, foxtrot, jive, polka, samba, tango, cha cha and folk dances will be covered. Emphasis will be placed on each participant feeling comfortable and confident with the basic dance steps, positions and variations. The sessions will provide both good exercise and entertaining fun.

**Colla Jean MacDonald/10 Tuesdays/7-10 pm/Oct. 1 - Dec. 3/  
Fee: \$75**

**GEN-19-108****Domestic oenology: how to make wine at home from grapes**

The art of making wine from grapes is not difficult and the results can be well worth the effort, both in economy and taste. A lot of fancy equipment is not necessary, nor is a degree in biochemistry. The course will discuss the kinds of grapes available and describe the process from vineyard to bottle and how to avoid the hazards along the way. A tour of a local winery is included.

**Peter A. Peach/6 Thursdays/  
7-9:30 pm/Oct. 10 - Nov. 14/  
Fee: \$50**

**GEN-92-104****Wine appreciation: Part I**

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

By understanding the history of wine-making and by tasting products from the international spectrum, participants will learn first-hand how to assess wine quality. Knowledge of grape varieties, differing production methods, regional geography and climatic 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.

**Peter J. Gamble/8 Wednesdays/  
7-10 pm/Oct. 9 - Nov. 27/Fee: \$95**

**GEN-92-177****Wine appreciation: Part II**

An advanced course in wine appreciation, concentrating on the finest red and white wines. Comparative "blind" tastings will provide participants with an opportunity to sample without bias wines of the world's "noble" grape varieties. As well, using "horizontal" and "vertical" tastings, the influence of climatic conditions and individual winemakers' personal styles will be examined. Guest lecturers are

scheduled.

The course is designed for those familiar already with the spectrum of world wines. Therefore, completion of Wine appreciation: Part I, or permission of the instructor is required.

Enrolment is limited.

**Peter Gamble/8 Wednesdays/  
7-10 pm/Jan. 8 - Feb. 26/Fee: \$135**

**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. 8 - Nov. 26/Fee: \$50**

**GEN-92-156****Calligraphy**

The objectives of this course are for the beginning calligrapher to study and acquire skills in illuminated manuscript (Roman and Italic alphabets and an introduction to Legende), illuminated majuscules and decorative and illustrative caps and decorative borders. The use and care of equipment, terminology and set up of prose, poetry, cards and invitations will be covered.

**Vera M. Walby/8 Thursdays/  
7-9:30 pm/Oct. 10 - Nov. 28/  
Fee: \$55**

## SCIENCE AND THE ENVIRONMENT

**GEN-07-101****An introduction to astronomy**

This wide-ranging course offers an overview of the science of astronomy for those who do not

necessarily have a science background. Topics include: a history of astronomy; astronomers and discoverers of note (Ptolemy, Copernicus, Newton, Kepler, for example); galaxies; stars — formation and types; the solar system; the earth-moon system; comets, meteors and asteroids; life in the universe — are we alone? The specific mathematics and physics aspects of astronomy will be avoided as much as possible.

**Bert Murphy/8 Wednesdays/  
7-9 pm/Oct. 9 - Nov. 27, and 1  
Saturday field trip to Royal  
Ontario Museum to be scheduled/  
Fee: \$40**

**GEN-19-100****Basics of geology**

Students will gain a general overview of the science of geology, geologic processes and the effect of these processes on the surface of the earth. Course topics include: introduction to geology; minerals and mineral formation; rocks and rock formation; weathering and erosion; folding; faulting; topographic maps, continental drift; glaciation, both alpine and continental.

This course will appeal particularly to the Niagara Peninsula Geologic Society, other mineral collecting clubs, elementary and secondary school teachers.

**Bert Murphy/10 Mondays/7-9 pm/  
Oct. 7 - Dec. 16, excluding Oct. 14/  
Fee: \$40**

## SELF-IMPROVEMENT

**GEN-92-174****Effective problem-solving**

Most people can become effective problem solvers by developing their innate creativity. This course teaches a state of the art method for solving problems, be they personal or professional, using creativity approaches and techniques. Participants can expect an increase in self-confidence, decision-making ability, analytical skills, communication skills and a greater receptivity to new ideas.

Course topics include: basic

communicating skills, problem dimensions, blocks to creativity, listening techniques, brainstorming, the use of fantasy and implementation planning.

**Frank Giannotti/8 Tuesdays/  
7-10 pm/Oct. 8 - Nov. 26, /Fee: \$70**

**GEN-92-176****Leadership seminar**

Participants will be taught the basic principles of leadership and how to incorporate them into their professional or personal lives. This is a practical seminar that will teach you how to appreciate those you supervise, how to reward people and give them value in other ways than money, how to gain results through commitment and co-operation, and how to be an effective leader.

Course topics include: personality patterns; leadership and power; attitudes and expectations; interpersonal motivation; managing conflicts; listening to lead; praise and correction; consistent commitment.

**Warner M. Montgomery/8 Mondays/  
7-9 pm/Oct. 7 - Dec. 2, excluding  
Oct. 14/Fee: \$95, includes \$40  
manual**

**GEN-32-104**
**Human resource development skills for supervisors: a mini-series**

Self-awareness and skill development in human resource management are the focus of this intensive, four-session course. Topics include: motivating self and others; managing stress; appraising subordinates' performance; building effective work teams. Instruction will be provided by questionnaire/feedback, short presentations, small group discussions and films. Participation certificates will be issued.

Enrolment is limited to 30 participants.

**C.A. Sales and F.A. Owen/  
Saturday, Feb. 22, 10 am-12:30 pm/  
Monday, Feb. 24, 7-9:30 pm/  
Wednesday, Feb. 26, 7-9:30 pm/  
and, Saturday, Mar. 1, 10 am -  
12:30 pm/Fee: \$85**

# 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.

Registration for September programs can also be done at Course Registration, September 4-6/85. 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 in the course descriptions and are payable in advance at the Brock Counselling Centre. To qualify for a refund, minus an administrative charge, students must advise the Centre at least one week before the program starts.

## PROGRAM DESCRIPTIONS

### Mature students orientation

A one-day session especially designed for mature students. Learn skills in essay writing, time management, exams, seminars and note-taking in lectures. Lunch is included.

**Counselling Centre staff/  
9-4 pm/Saturday, September 14/  
Fee: \$10**

### 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 and exam writing.

#### Section B:

**Barb Dury and Debbie Richards/  
7-9 pm/Mondays and  
Wednesdays, August 12, 14, 19,  
21, 26/Fee: \$20**

#### Section C:

**7-9 pm/Mondays, September 16,  
23, 30, October 7, 21 (no class  
Thanksgiving Day)/Fee: \$25**

#### Section D:

**7-9 pm/Tuesdays, September 17,  
24, October 1, 8, 15/Fee: \$25**

**Section E: Special Intensive Section  
11:30 - 1:30 pm/Mondays and  
Wednesdays, September 18, 23,  
25, 30, October 2/Fee: \$25**

#### Section F:

**7-9 pm/Wednesdays, September  
18, 25, October 2, 9, 16/Fee: \$25**

### 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 (available in the Brock Bookstore)

**Fee: \$25 (4 Sessions) or  
\$30 (Saturdays, includes lunch)**

#### Section A:

**7-9 pm/Tuesdays and Thursdays,  
August 20, 22, 27, 29**

#### Section B & C:

**7-9 pm/Mondays, September 16, 23, 30  
and October 7**

#### Section D & E:

**7-9 pm/Tuesdays, September 17,  
24 and October 1 and 8**

#### Section F:

**1:30-3:30 pm/Wednesdays,  
September 18, 25, October 2, 9**

#### Section G:

**9-4 pm/Saturday, September 21**

#### Section H:

**2:30-4:30 pm/Mondays, October  
7, 21, 28, November 4**

#### Section I:

**7-9 pm/Tuesdays, October 15, 22,  
29, November 5**

#### Section J:

**7-9 pm/Wednesday, October 9,  
16, 23, 30**

#### Section K:

**9-4 pm/Saturday, October 19**

### 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 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 instruc-

tional 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 B:**

**6-9 pm/Wednesdays, September 18 - November 20/Fee: \$125 (\$25 will be refunded when post test materials are returned)**

#### **Statistics survival skills**

This workshop is designed for students who are apprehensive about PSYC 223. You will learn skills to help you to manage learning statistics. Topics include: study skills for statistics; getting organized; managing anxiety; preparing for and writing tests; basic calculator use. A workshop format allows for group discussion. Sessions are co-led by a counsellor and a statistics seminar leader, both of whom were apprehensive about required statistics courses and survived.

Enrolment is limited to 18.

**10:30 am - noon/Thursdays, September 19 - October 24/Fee: \$15**

#### **Effective Reading**

A short, intensive program designed specifically to help you develop **textbook** reading skills such as previewing, reading for main ideas and details and recall methods. Learn to both understand and 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/  
Wednesdays, September 25,  
October 2, 9/Fee: \$15**

#### **Skills for seminar participation**

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.

**Cathie Closs/1:30-2:30 pm/  
Thursdays, October 3, 10, 17, 24,  
31, November 7/Fee: \$25 (\$15 is  
refundable upon completion of  
self-assessment and evaluation  
materials)**

#### **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, skills of direct relevance to students. This program is designed to teach each participant how to do self hypnosis.

**Section A: Les Myers/5-6:30 pm/  
Tuesdays, September 17 and 24**

**Section B: Les Myers/5-6:30 pm/  
Tuesdays, November 5 and 12  
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, comprehension (in the language lab) and integrated studies. The program is open to all those who wish to improve their English for academic, professional or social purposes.

Fourteen week programs are offered in the Fall (September to December), Winter (January to April), and Spring Sessions (May to August). A six week Summer Session program is offered from early July to mid-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. Enrolment in each program is limited.

## 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's comprehensive approach to aiding international students to understand the Canadian cultural mosaic.

## REGISTRATION

Inquiries regarding programs at the Centre should be sent to the 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 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, September 24 and Thursday, September 26, at the University. The fees are \$25.00 for singles and \$35.00 for couples. Please make cheques payable to the Regional Niagara Pre-Retirement Council.

---

## WINTER 1986 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 4 and Thursday, March 6, at the University. The 1986 fees will be \$25 for singles and \$35 for couples.

You may pre-register by sending in a post-dated cheque dated March 1, 1986.

---

## 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 spouse's name), address, telephone number and preferred evening for the course. For more information, please contact the Part Time Programs Office (416) 688-5550, ext. 3249.



# 1986 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 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 hosteling 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 write:

Elderhostel Canada,  
P.O. Box 4400, Fredericton,  
N.B. E3B 5A3.  
Telephone (506) 453-4647

# EXCELLENCE IN THE EIGHTIES

## SPEAKER SERIES

The School of Administrative Studies at Brock University will again be presenting this highly successful series. Six key individuals will be invited to comment on the theme of **excellence** in their respective fields.

Dates and locations for the series are:

- (1) **Robert White**  
Canadian Director and  
International Vice-President  
United Auto Workers  
Tuesday, September 24, 1985  
The Playhouse, 7:30 pm
- (2) **Isabel Bassett**  
Author of the bestseller,  
*The Bassett Report: Career,  
Success and Canadian Women*,  
and T.V. personality  
Tuesday, October 15, 1985  
The Theatre, 7:30 pm
- (3) **Moe Closs**  
President  
Chrysler Canada Limited  
Tuesday, November 19, 1985  
The Playhouse, 7:30 pm
- (4) **TBA**  
Tuesday, January 21, 1986  
The Playhouse, 7:30 pm
- (5) **TBA**  
Tuesday, February 18, 1986  
The Playhouse, 7:30 pm
- (6) **Lynn Williams**  
International President  
United Steelworkers of  
America  
Tuesday, March 18, 1986  
The Theatre, 7:30 pm

Admission is free;  
everyone is welcome.

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



# BROCK AQUATIC CENTRE

The centre features an eight lane, 50 metre swimming pool, with both a moveable, hydraulic floor and a moveable bulkhead to change the pool divisions. One, three and five metre diving facilities, a whirlpool, waterslide and swinging ropes are available.

---

## PROGRAMS OFFERED

---

### Adults' and children's learn to swim and skill development

Pre-school/Aquakids/Wonderfish/Kingfish/Bionicfish/Superfish levels.

---

### Red Cross Water Safety

Levels 4-8-Instructor 1, available to adults and children.

---

### Royal Lifesaving Society

Lifesaving skill and technique instruction are available at the following levels: Level 1-3, Junior and Senior Artificial Respiration, Bronze, Bronze Cross — Award of Merit. Higher level RLSS courses, including National Lifeguard Training, Distinction and diploma, will be scheduled throughout the season.

---

### Adult Fitness - 80 k Swim

Available to those 18 and over who want to improve their fitness levels through swimming. Advice is offered on how to measure your fitness level and how to improve it. A progressive series of monthly swims and an accumulative swim program are available, with recording cards provided. Programs commence in September, 1985 and end in August, 1986.

---

### Adult Fitness - Classes

Classes in technique and psychological self-monitoring are available twice weekly on week-day evenings.

---

### Esso Swim Canada —

#### Skill Development

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. Five skills are identified: starts, turns, strokes, endurance and training techniques.

---

### Brock University

#### Regional Swim Team

Comprehensive instruction is offered in competitive swimming at the local, regional, national and international levels, under the guidance of nationally and internationally acclaimed personnel.

---

### Brock University Synchronized Swimming Team

A CASSA Star and Trillium level program which teaches strokes, figures and sequences from the beginner to advanced stages. Participants will be encouraged to participate in local and regional competition at the recreational level.

---

### Brock University Diving Team

The Canadian Amateur Diving program is designed to teach progressive skills, poise and confidence to participants in the recreational learn-to-dive levels. Classes for all ages and levels of recreational and competitive diving are available.

---

### Children's Learn-To-Dive

Five progressive levels of instruction are available on Saturday mornings from 9-10 am in 10-week sessions.

---

### Advanced Learn-to-Dive and Competitive Diving

Dives are developed further at the competitive levels on the 3 metre springboard and platform.

---

### Public Recreational Swims

Specific times are set aside daily for adult length swimming and recreational swimming, as well as community fun swimming. Schedules are available weekly, or call 688-5550, ext. 3563 weekdays or 684-5471 evenings and weekends. A nominal fee is charged non-members. Annual memberships may be purchased at the Physical Education Office.

---

## REGISTRATION

---

Registration for fall session programs will take place in the Physical Education Complex on Monday, September 23, from 6 - 8 pm. Registration for winter session programs will be held on Monday, January 6, 1986 from 6 - 8 pm, and spring session programs on Monday, April 7, 1986 from 6 - 8 pm. A detailed list of program times, dates and fees is available from the Physical Education Office, 688-5550, ext. 3387.

# 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 advanced 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.

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 pro-

---

vides 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 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, Admissions and Graduate Studies at (416) 688-5550, ext. 3239.

Dr. John Novack, Chairman of the Department of Graduate Studies, College of Education at (416) 688-5550, ext. 3345, is also available to answer questions.

## IN-SERVICE EDUCATION COURSE LISTS AND TIMETABLE – FALL/WINTER SESSION, 1985-86

The following courses will be offered pending sufficient enrolment. Candidates may obtain registration packages from the Registrar's Office, Brock University, St. Catharines, Ontario, L2S 3A1. The registration deadline is September 1, 1985 and you are encouraged to register early by mail to ensure course offerings.

Courses run from 6:30 - 9:30 pm (with some Saturdays), commencing the week of September 23, 1985 and ending March 27, 1986. The location and weekday, as well as the date of the first class is noted.

Adult Education	EDUC 494: Room 209, Brock College of Education.	Mon. 23
Co-operative Education	EDUC 472 (Pt. 1): Room 209, Brock College of Education. EDUC 475 (Pt. 2): Room 207/8, Brock College of Education.	Tues. 24 Tues. 24
Computers in the Classroom	EDUC 461 (Pt. 1): Room 205, Brock College of Education (C64); Dundurn Site, Hamilton (C64); Cayuga S.S., Cayuga. EDUC 462 (Pt. 2): Room 205, Brock College of Education (C64); Dundurn Site, Hamilton (C64); Denis Morris, St. Catharines (Apple). EDUC 463 (Pt. 3): Room 205, Brock College of Education (C64).	Tues. 24 Tues. 24 Tues. 24 Wed. 25 Thurs. 26 Tues. 24 Thurs. 26
English as a Second Language	EDUC 467 (Pt. 1): Canadian Martyrs, Hamilton. EDUC 468 (Pt. 2): Canadian Martyrs, Hamilton.	Wed. 25 Wed. 25
French as a Second Language	EDUC 411 (Pt. 1): E. Bagshaw, Hamilton. EDUC 413 (Pt. 3): E. Bagshaw, Hamilton; Room 327, Brock College of Education.	Tues. 24 Tues. 24 Wed. 25
Guidance	EDUC 464 (Pt. 1): North Park S.S., Brantford; Room 207/8, Brock College of Education; E. Bagshaw, Hamilton. EDUC 465 (Pt. 2): E. Bagshaw, Hamilton.	Wed. 25 Thurs. 26 Tues. 24 Tues. 24
Librarianship	EDUC 427 (Pt. 1): E. Bagshaw, Hamilton. EDUC 428 (Pt. 2): E. Bagshaw, Hamilton.	Tues. 24 Tues. 24
Music (Prim./Jr.)	EDUC 414 (Pt. 1): Room 317, Brock College of Education. EDUC 415 (Pt. 2): Room 311, Brock College of Education. EDUC 416 (Pt. 3): Room 324, Brock College of Education.	Wed. 25 Wed. 25 Wed. 25
Physical and Health Education (Prim./Jr.)	EDUC 441 (Pt. 1): A.T. Clancy, Thorold. EDUC 442 (Pt. 2): A.T. Clancy, Thorold.  EDUC 441 (Pt. 1): Westdale S.S., Hamilton.* EDUC 442 (Pt. 2): Westdale S.S., Hamilton.* EDUC 443 (Pt. 3): Westdale S.S., Hamilton.*	Wed. 25 Wed. 25  Tues. 24 Tues. 24 Tues. 24
Physical and Health Education (Int./Sr.)	EDUC 444 (Pt. 1): Westdale S.S., Hamilton.* EDUC 445 (Pt. 2): Westdale S.S., Hamilton.* EDUC 446 (Pt. 3): Westdale S.S., Hamilton.*	Tues. 24 Tues. 24 Tues. 24
Reading	EDUC 423 (Pt. 3): Simcoe.	Tues. 24
Religious Education	EDUC 454 (Pt. 1): Christ the King, Hamilton. EDUC 455 (Pt. 2): Christ the King, Hamilton.	Wed. 25 Wed. 25
Special Education	EDUC 417 (Pt. 1): t.b.a., Brock College of Education; St. Mary's H.S., Hamilton. EDUC 418 (Pt. 2): t.b.a., Brock College of Education; St. Mary's H.S., Hamilton; North Park S.S., Brantford.	Wed. 25 Wed. 25 Wed. 25 Wed. 25 Thurs. 26
Teaching Trainable Retarded	EDUC 496hc (Pt. 1) t.b.a., Brock College of Education; St. Mary's H.S., Hamilton. EDUC 497hc (Pt. 2): t.b.a., Brock College of Education; St. Mary's H.S., Hamilton.	Wed., Sept. 25-Dec. 11 Wed., Sept. 25-Dec. 11 Wed., Jan. 8-Mar. 26 Wed., Jan. 8-Mar. 26
Visual Arts	EDUC 452 (Pt. 2): Room 305, Brock College of Education.  *Candidates enrolling in EDUC 441, 2, 3 and 444, 5, 6 in Hamilton, are expected to take part in a weekend Outdoor Program. Dates will be announced at the first session, Sept. 24, 1985.	Mon. 23
MATERIAL/ ACTIVITY FEE	All courses carry this additional fee. It will be collected on the second day of the course. Make cheque payable to: BROCK COLLEGE OF EDUCATION. Do not include this fee with your course fee. EDUC 414, 415, 416 - \$20.00 EDUC 427, 428 - \$20.00 EDUC 441, 442, 443 - \$45.00 (Winter Session, Hamilton) EDUC 444, 445, 446 - \$45.00 (Winter Session, Hamilton)	
	EDUC 461, 462, 463 - \$20.00 EDUC 464, 465 - \$15.00 EDUC 496hc, 497hc - \$7.50 All Other Courses - \$10.00	

## IN-SERVICE EDUCATION COURSE LISTS AND TIMETABLE – FALL/WINTER SESSION, 1985-86

The following courses will be offered pending sufficient enrolment. Candidates may obtain registration packages from the Registrar's Office, Brock University, St. Catharines, Ontario, L2S 3A1. The registration deadline is September 1, 1985 and you are encouraged to register early by mail to ensure course offerings.

Courses run from 6:30 - 9:30 pm (with some Saturdays), commencing the week of September 23, 1985 and ending March 27, 1986. The location and weekday, as well as the date of the first class is noted.

Adult Education	EDUC 494: Room 209, Brock College of Education.	Mon. 23
Co-operative Education	EDUC 472 (Pt. 1): Room 209, Brock College of Education.	Tues. 24
	EDUC 475 (Pt. 2): Room 207/8, Brock College of Education.	Tues. 24
Computers in the Classroom	EDUC 461 (Pt. 1): Room 205, Brock College of Education (C64); Dundurn Site, Hamilton (C64); Cayuga S.S., Cayuga.	Tues. 24 Tues. 24 Tues. 24
	EDUC 462 (Pt. 2): Room 205, Brock College of Education (C64); Dundurn Site, Hamilton (C64); Denis Morris, St. Catharines (Apple).	Wed. 25 Thurs. 26 Tues. 24
	EDUC 463 (Pt. 3): Room 205, Brock College of Education (C64).	Thurs. 26
English as a Second Language	EDUC 467 (Pt. 1): Canadian Martyrs, Hamilton.	Wed. 25
	EDUC 468 (Pt. 2): Canadian Martyrs, Hamilton.	Wed. 25
French as a Second Language	EDUC 411 (Pt. 1): E. Bagshaw, Hamilton.	Tues. 24
	EDUC 413 (Pt. 3): E. Bagshaw, Hamilton; Room 327, Brock College of Education.	Tues. 24 Wed. 25
Guidance	EDUC 464 (Pt. 1): North Park S.S., Brantford; Room 207/8, Brock College of Education; E. Bagshaw, Hamilton.	Wed. 25 Thurs. 26 Tues. 24
	EDUC 465 (Pt. 2): E. Bagshaw, Hamilton.	Tues. 24
Librarianship	EDUC 427 (Pt. 1): E. Bagshaw, Hamilton.	Tues. 24
	EDUC 428 (Pt. 2): E. Bagshaw, Hamilton.	Tues. 24
Music (Prim./Jr.)	EDUC 414 (Pt. 1): Room 317, Brock College of Education.	Wed. 25
	EDUC 415 (Pt. 2): Room 311, Brock College of Education.	Wed. 25
	EDUC 416 (Pt. 3): Room 324, Brock College of Education.	Wed. 25
Physical and Health Education (Prim./Jr.)	EDUC 441 (Pt. 1): A.T. Clancy, Thorold.	Wed. 25
	EDUC 442 (Pt. 2): A.T. Clancy, Thorold.	Wed. 25
	EDUC 441 (Pt. 1): Westdale S.S., Hamilton.*	Tues. 24
	EDUC 442 (Pt. 2): Westdale S.S., Hamilton.*	Tues. 24
	EDUC 443 (Pt. 3): Westdale S.S., Hamilton.*	Tues. 24
Physical and Health Education (Int./Sr.)	EDUC 444 (Pt. 1): Westdale S.S., Hamilton.*	Tues. 24
	EDUC 445 (Pt. 2): Westdale S.S., Hamilton.*	Tues. 24
	EDUC 446 (Pt. 3): Westdale S.S., Hamilton.*	Tues. 24
Reading	EDUC 423 (Pt. 3): Simcoe.	Tues. 24
Religious Education	EDUC 454 (Pt. 1): Christ the King, Hamilton.	Wed. 25
	EDUC 455 (Pt. 2): Christ the King, Hamilton.	Wed. 25
Special Education	EDUC 417 (Pt. 1): t.b.a., Brock College of Education; St. Mary's H.S., Hamilton.	Wed. 25 Wed. 25
	EDUC 418 (Pt. 2): t.b.a., Brock College of Education; St. Mary's H.S., Hamilton;	Wed. 25 Wed. 25
	North Park S.S., Brantford.	Thurs. 26
	EDUC 496hc (Pt. 1) t.b.a., Brock College of Education; St. Mary's H.S., Hamilton.	Wed., Sept. 25-Dec. 11 Wed., Sept. 25-Dec. 11
	EDUC 497hc (Pt. 2): t.b.a., Brock College of Education; St. Mary's H.S., Hamilton.	Wed., Jan. 8-Mar. 26 Wed., Jan. 8-Mar. 26
Teaching Trainable Retarded	EDUC 452 (Pt. 2): Room 305, Brock College of Education.	Mon. 23

\*Candidates enrolling in EDUC 441, 2, 3 and 444, 5, 6 in Hamilton, are expected to take part in a weekend Outdoor Program. Dates will be announced at the first session, Sept. 24, 1985.

### MATERIAL/ ACTIVITY FEE

All courses carry this additional fee. It will be collected on the *second day* of the course. Make cheque payable to:  
BROCK COLLEGE OF EDUCATION.

Do *not* include this fee with your course fee.

EDUC 414, 415, 416 - \$20.00

EDUC 427, 428 - \$20.00

EDUC 441, 442, 443 - \$45.00 (Winter Session, Hamilton)

EDUC 444, 445, 446 - \$45.00 (Winter Session, Hamilton)

EDUC 461, 462, 463 - \$20.00

EDUC 464, 465 - \$15.00

EDUC 496hc, 497hc - \$7.50

**All Other Courses - \$10.00**

# PART TIME STUDIES FOR DEGREE CREDIT

This section introduces you 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 "Offer of Admission" by mail. Just bring this "Offer 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 studies, mature applicants should complete as a part time student 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 student service card fee 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

Fall/winter day and evening classes begin Monday, September 9, 1985.

Courses which have seminars, tutorials and/or labs, may start at 6 p.m. 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 students will take place in the College of Education according to the following schedule:

*For course offered on Mondays and Wednesdays, registration day is Wednesday, September 4.*

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

*For courses offered on Tuesdays and Thursdays, registration day is Thursday, September 5.*

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

**Please note:** Students registering in more than one full time course equivalent must register on Wednesday, September 4.

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

Courses will be selected at time of registration.

**New students** please bring your Notice of Admission with you.

**Returning students** please bring your Brock student service card.

Late registration will take place beginning Monday, September 9, at the Registrar's Office. A \$25.00 late registration fee applies.

## FEES

*Canadian citizens:*

Fee per full course: \$255.00

Fee per half course: \$127.50

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 student service card fee 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 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 completed 2.5 courses prior to September, 1982.

Fee per full course (*in-program visa student*): \$473.00

Fee per full course (*new visa student*): \$846.00

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, attendance, 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.

## LEGEND

<b>TBA</b>	instructor to be announced
<b>hc</b>	half course
<b>A</b>	half course, first half of session (Sept. 9-Dec. 6)
<b>B</b>	half course, second half of session (Jan. 6-Apr. 11)
<b>C</b>	half course, spread over entire session (Sept. 9-Apr. 11)
<b>full</b>	offered during entire
<b>course</b>	session (Sept. 9-Apr. 11)



# 1985/86 FALL/ WINTER EVENING COURSE DESCRIP- TIONS

## SCHOOL OF ADMINISTRATIVE STUDIES

### ACCOUNTING

#### ACTG 253A

**Introduction to financial accounting**  
(formerly offered as 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, 3 hours per week.

**Bassett/Mon 7-10 pm or  
TBA/Tues 7-10 pm or  
Bassett/Thur 7-10 pm**

#### ACTG 253B

**Introduction to financial accounting**  
(formerly offered as 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, 3 hours per week.

**TBA/Mon 7-10 pm or Tues 7-10 pm**

#### ACTG 254B

**Introduction to management accounting**

(formerly offered as 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 credit in ADMI 254hc.)

Lectures, 3 hours per week.

**Bassett/Mon 7-10 pm or  
TBA/Tues 7-10 pm**

#### ACTG 355A

**Advanced management accounting**  
(formerly offered as 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.

**Donnelly/Wed 7-10 pm**

#### ACTG 356A

**Intermediate financial accounting I**  
(formerly offered as ADMI 356hc)  
(formerly part of ADMI 350)

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.

**TBA/Mon 7-10 pm**

#### ACTG 357B

**Intermediate financial accounting II**  
(formerly offered as ADMI 357hc)  
(formerly part of ADMI 350)

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.

**TBA/Mon 7-10 pm**

#### ACTG 452A

**Advanced accounting problems**  
(formerly offered as ADMI 452hc)

Inter-corporate investments, preparation of consolidated financial statements, foreign currency

translation, estate and trust accounting, bankruptcy, liquidation, receivership and municipal accounting.

Prerequisite: 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 455A

**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 456B

**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 392A

**Introduction to finance I**  
(formerly offered as 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.

**Welch/Mon 7-10 pm**

---

**FNCE 392B**

**Introduction to finance I**

(formerly offered as 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/Wed 7-10 pm**

---

**FNCE 393A**

**Introduction to finance II**

(formerly offered as 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, leasing, and working capital. Prerequisite: FNCE(ADMI) 392hc.  
(Not open to students with credit in ADMI 393hc.)  
Lectures, seminar, 3 hours per week.

**Welch/Mon 7-10 pm**

---

**FNCE 393B**

**Introduction to finance II**

(formerly offered as 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, leasing, and working capital.

Prerequisite: FNCE(ADMI) 392hc.  
(Not open to students with credit in ADMI 393hc.)  
Lectures, seminar, 3 hours per week.

**Welch/Mon 7-10 pm**

---

**FNCE 402B**

**Corporate financial policy**

(formerly offered as ADMI 402hc)

This case course builds on FNCE(ADMI) 392hc/393hc. Students are provided with an opportunity to develop further and apply their understanding of the material in FNCE(ADMI) 392hc/393hc to situations encountered in a variety of business decision settings. Prerequisites: FNCE(ADMI) 392hc/393hc.  
(Not open to students with credit in ADMI 402hc.)  
Seminars and case discussions, 3 hours per week.

**Rege/Tues and Thur 4-5:30 pm**

---

**FNCE 404A**

**Investment analysis**

(formerly offered as ADMI 404hc)

The financial instruments frequently traded in organized securities markets are studied in terms of their risk and return implications for the issuer and owners. Valuation models for these securities are critically reviewed. Alternate investment strategies are explored in terms of appropriate portfolios of securities for various individual and institutional investors. Prerequisites: FNCE (ADMI) 392hc/393hc.  
(Not open to students with credit in ADMI 404hc.)  
Lectures, 3 hours per week.

**Butko/Mon and Wed 4:30-6:00 pm**

---

**MANAGEMENT**

**MGMT 191A**

**Introduction to business**

(formerly offered as 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 7-9 pm and seminar**

---

**MGMT 192B**

**Introduction to management**

(formerly offered as 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 7-9 pm and seminar**

---

**MGMT 194B**

**Computing for administrative studies**

(also offered as COSC 194hc)  
(formerly offered as 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.

Prerequisite: MATH 198hc or an equivalent mathematics credit.

(Not open to computer science major or combined major students. May not be taken concurrently with, or after receiving credit for, COSC 101hc.)

(Not open to students with credit in ADMI 194hc.)

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

**TBA/Thur 7-9 pm and lab**

---

**MGMT 240A**

**Commercial law**

(formerly offered as 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.

**Pylypuk/Wed 7-10 pm**

---

**MGMT 240B**

**Commercial law**

(formerly offered as 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.

**Pylypuk/Wed 7-10 pm**

---

**MGMT 320**

**Public administration**

(also offered as POLI 351)

(formerly offered as ADMI 320)

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

(Not open to students with credit in ADMI 320.)

Lectures, seminar, 3 hours per week.

**Baxter-Moore/Mon 7-9 pm and seminar**

---

**MGMT 341A**

**Organizational behavior**

(also offered as SOCI 341hc)

(formerly offered as 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.

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

(Not open to students with credit in ADMI 341hc or SOCI 344hc.)

Lectures, 3 hours per week.

**Cuddie/Wed 6-9 pm or**

**Howe/Thur 6-9 pm**

---

**MGMT 342B**

**Organizational theory**

(also offered as SOCI 342hc)

(formerly offered as 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 or SOCI 343hc.) Lectures, 3 hours per week.

**Cuddie/Wed 6-9 pm or  
Campling/Thur 6-9 pm**

### **MGMT 381A**

#### **Corporate planning**

(formerly offered as 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(ADMI) 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.

**Stewart/Tues 7-10 pm**

### **MGMT 381B**

#### **Corporate planning**

(formerly offered as 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(ADMI) 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.

**Stewart/Tues 7-10 pm**

### **MGMT 421**

#### **Public sector management**

(also offered as POLI 452)  
(formerly offered as 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.

**Siegel/Wed 7-10 pm**

### **MGMT 462A**

#### **Personnel management**

(formerly offered as 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.

**Campling/Thur 7-10 pm**

### **MGMT 472A**

#### **Legal issues in labor relations**

(formerly offered as 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 479B**

#### **Personnel management research**

(formerly offered as ADMI 479hc)

The nature and scope of personnel management research as a managerial tool. The course in-

cludes 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 credit in ADMI 479hc, 395hc, 396hc.) Lectures, seminars, 3 hours per week.

**Howe/Thur 7-10 pm**

## **MARKETING**

### **MKTG 322A**

#### **Basic marketing**

(formerly offered as 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.

**Broderick/Tues 7-9 pm and  
seminar or**

**Rotenberg/Wed 7-9 pm and  
seminar**

### **MKTG 324B**

#### **Marketing management**

(formerly offered as ADMI 324hc)

An introduction to management of the marketing process. Each of the elements of the marketing mix is examined in detail along with their interrelationships. Prerequisite: MKTG(ADMI) 322hc.

(Not open to students with credit in ADMI 324hc.)

Lectures, seminar, case discussions, 3 hours per week.

**Broderick/Tues 7-9 pm and  
seminar or**

**TBA/Wed 7-9 pm and seminar**

### **MKTG 425B**

#### **Marketing policy**

(formerly offered as ADMI 425hc)

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

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

(Not open to students with credit in ADMI 425hc.)

Lectures, seminar, 3 hours per week.

**TBA/Mon 6-9 pm**

### **MKTG 426A**

#### **Sales management**

(formerly offered as ADMI 426hc)

This course deals with the selling function and management of the sales force. Topics covered include sales as a profession, the manager's role, sales force selection and training, supervision and motivation, territorial management and monitoring sales performance.

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

(Not open to students with credit in ADMI 426hc.)

Lectures, seminar, 3 hours per week.

**Blawatt/Wed 7-10 pm**

### **MKTG 427B**

#### **Marketing and society**

(formerly offered as ADMI 427hc)

This course deals with current issues in marketing by exploring the role marketing plays in a changing society. Topics include the state of the consumer movement, marketing ethics and deceptive practices, truth and deception in advertising, government regulation, consumer protection, information and product safety. New developments in society and their implications for future marketing strategy will be examined and discussed.

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

(Not open to students with credit in ADMI 427hc.)

Seminar, case discussions,  
3 hours per week.

**Rotenberg/Tues 7-10 pm**

### **MKTG 428A**

#### **Retailing**

The course focuses on the managerial role affecting retailing decisions. It examines the institutional structure of retailing, its past and probable future pattern. It is expected students will master the numerous decision areas facing retailing managers and that they will become familiar with a frame of thought for dealing with them.

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

Lectures, seminar, 3 hours per week.

**Yannopoulos/Wed 7-10 pm**

### **MKTG 431A**

#### **Consumer behavior**

(formerly offered as 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.

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

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

Lectures, seminar, 3 hours per week.

**Metcalfe/Tues 7-10 pm**

### **MKTG 433B**

#### **International marketing**

The course examines the marketing concept and the individual components of the marketing mix in the context of the international environment. It identifies the differences between international and domestic marketing and considers how they affect the planning, organization and control of marketing programs.

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

Lectures, seminar, 3 hours per week.

**Metcalfe/Tues 7-10 pm**

## **ASIAN STUDIES**

### **ASIA 190**

#### **Introduction to the civilizations of Asia**

(formerly offered as 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.

**Sanders, Rathor/Wed 7-10 pm**

## **BIOLOGICAL SCIENCES**

### **BIOL 125**

#### **Biology, man and environment**

A course directed towards non-science students dealing with those aspects of biology which relate directly to man and which represent contemporary issues of human concern. Topics will be selected from areas such as human anatomy and physiology, nutrition, diseases, drugs, sexuality, heredity, evolution, ecology and environmental stresses. High school biology is not a prerequisite for this course. Lectures, 2 hours per week; seminars, labs, alternating weeks, 2 hours per week.

**Ursino, Cade/Thur 7-9 pm and lab**

## **CHEMISTRY**

### **CHEM 185**

#### **Introduction to modern chemistry**

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

better in CHEM 185 is acceptable for entry to more advanced chemistry courses.

Prerequisite: grade 13 chemistry is recommended.

(Not open to students with CHEM 190 or 193 credit.)

Lectures, 3 hours per week; seminar, lab, 3 hours per week.

**TBA/Mon 7-10 pm and lab**

## **CHILD STUDIES**

### **CHST 110A**

#### **Child behavior and health**

Designed for teachers and others who work in applied settings, focus will be on basic health care of children and the interaction of health and behavior. Emphasis will be on changes in child behavior that accompany various health conditions. Topics will include applied nutrition, early detection of health risks, health habits, fitness, childhood diseases, and effective utilization of community resources. Enrollment 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 6-8 pm and seminar**

### **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, Rose-Krasnor/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.

Recommended prerequisites: PSYC(CHST) 210, EDUC 301.

Lectures, seminar, classroom observation, 4 hours per week. Laboratories as required.

**Richards/Tues 6-9 pm**

## **CLASSICS**

### **CLAS 191B**

#### **Greek civilization**

(formerly part of CLAS 190)

A survey of the literature, art, thought and political evolution of ancient Greece, based on masterworks of classical literature. Slides are used to illustrate classical history and archaeology. (Not open to students with credit in CLAS 190.)

3 hours per week.

**Casler/Wed 7-9 pm and seminar**

**CLAS 192A****Roman civilization**

(formerly part of CLAS 190)

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

3 hours per week.

**Casler/Wed 7-9 pm and seminar****CLAS 195A****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.

**Robertson/Mon 7-9 pm and seminar****CLAS 197B****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.

**Robertson/Mon 7-9 pm and seminar****CLAS 288A****The history of early Greece**

(formerly part of CLAS 290)

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

Prerequisite: CLAS 190 or 196

or two of CLAS 191hc, 192hc, 195hc, 197hc.

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

3 hours per week.

**Kennell/Mon 7-10 pm****CLAS 289B****The history of Classical Greece**

(formerly part of CLAS 290)

The social and political history of the Greek world, 450-323 B.C. The great war between Athens and Sparta, the rivalry of the city-states, the rise of national states, Alexander the Great. Readings from Greek historians and documents in translation.

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

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

3 hours per week.

**Kennell/Mon 7-10 pm****CLAS 310****The ancient Near East**

A survey of the history of the ancient civilizations of Egypt, Mesopotamia, Anatolia, the Levant and Iran.

Prerequisite: CLAS 190 or 196 or two of CLAS 191hc, 192hc, 195hc, 197hc, or CLAS 251hc or CLAS/VISA 388hc or 389hc.

3 hours per week.

**TBA/Thur 6-9 pm****CLAS 397A****Greek sanctuaries**

(also offered as VISA 397hc)

A study of the great Panhellenic shrines (Delphi, Olympia, Epidauros, and others): topography, architecture, art, with emphasis on the interplay between tradition and changing needs and values.

Prerequisite: a classics course numbered 290 or above or VISA 191 or permission of the department.

3 hours per week.

**Rupp/Wed 7-10 pm****CLAS 398B****The art and archaeology of Cyprus**

(also offered as VISA 398hc)

A survey of the cultural history of Cyprus from the Neolithic period through the early Byzantine period, based on the archaeological record, and of the role of Cyprus in the civilization of the eastern Mediterranean.

Prerequisite: a classics course numbered 290 or above or VISA 191 or permission of the department.

3 hours per week.

**Rupp/Wed 7-10 pm****GREEK****GREE 100****Language (introductory)**

The fundamentals of Greek. Selections from various Greek authors.

4 hours per week.

**Kennell/Tues and Thur 5-7 pm**

*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.*

**LATIN****LATI 100****Language (introductory)**

The fundamentals of Latin. Selections from various Latin authors.

4 hours per week.

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

*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.*

**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.

**TBA/Mon and Wed 4:30-6:30 pm****COMMUNICATIONS STUDIES****COMM 308****Psychology of language**

(also offered as PSYC 308)

Psychological processes involved in language including the study of meaning, language development in children, language and thought, listening, as well as special interest topics such as bilingualism and written language. Lectures, seminar, 3 hours per week.

**Preston/Mon 7-9 pm and seminar****COMPUTER SCIENCE AND INFORMATION PROCESSING****COSC 193B****FORTAN programming and SPSS**

Introduction to computers; problem analysis and flowcharting. The FORTRAN programming language. Statistical packages with special reference to the SPSS package.

Prerequisite: one grade 13 mathematics credit.

A computer science major or combined major student may not hold major credit for this course. May not be taken concurrently with, or after receiving credit for, COSC 101hc.

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

**TBA/Thur 7-10 pm and lab****COSC 194B****Computing for administrative studies**

(also offered as MGMT 194hc)

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

Prerequisite: MATH 198hc or equivalent mathematics credit. This is a service course for

students in administrative studies. Students wishing to pursue further studies in computer science must take COSC 101hc/104hc instead of COSC 194hc. A computer science major or combined major student may not hold major credit for this course. May not be taken concurrently with, or after receiving credit for, COSC 101hc.

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

**TBA/Thur 7-9 pm and lab**

### **COSC 200**

**Computer organization and assembly language programming** (formerly offered as COSC 202hc and 212hc)

Basic computer structure. Introduction to machine language programming. Introduction to computer logic: basic functions, logic gates, minimization techniques, flip-flops, registers, counters, decoders, encoders, multiplexers and PLAS. The central processing unit. The control unit, microprogramming. Arithmetic unit. Main memory. Input/Output. Peripherals. Assembly language programming for a specific computer (currently the VAX-II); macros and expansion; linkers and loaders. Prerequisite: COSC 104hc and MATH 165.

(Not open to students with credit in COSC 202hc, 212hc or 221hc.)

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

**Radtke/Mon 7-10 pm and lab**

### **COSC 301A**

**Introduction to data communications** (formerly offered as COSC 314hc)

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.

(Not open to students with credit in COSC 314hc.)

Lectures, 3 hours per week.

**Barchanski/Wed 7-10 pm**

### **COSC 302B**

**Introduction to operating systems** (formerly offered as COSC 312hc)

An introduction to computer operating systems from a user's viewpoint. Emphasis is on the functionality of operating systems rather than their implementation. Topics include: memory, processor, input/output, and file management; concurrent processes. This is a non-programming course.

Prerequisite: COSC 104hc and 200 (or 202hc, 212hc and 230hc).

(Not open to students with credit in COSC 312hc.)

Lectures, 3 hours per week.

**Wojcik/Wed 7-10 pm**

### **COSC 377B**

**Applications programming languages**

An introduction to programming in applications oriented programming languages. A number of specific applications languages will be discussed.

Prerequisite: COSC 104hc and 200.

(Not open to students with credit in COSC 207hc; not open to students in the software systems option.)

Lectures, 3 hours per week.

**TBA/Thur 7-10 pm**

### **COSC 407A**

**Computing project I** (formerly offered as COSC 399hc)

A half-year project course under the supervision of a faculty member from the department. Prerequisite: COSC 300(390).

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 407B**

**Computing project I** (formerly offered as COSC 399hc)

A half-year project course under the supervision of a faculty member from the department.

Prerequisite: COSC 300(390).

A prospective student is advised to select a supervisor and a project in consultation with the department, and have the choice approved by the project course coordinator at least two weeks prior to registration in the course.

**Faculty/Department**

#### **COSC 413B**

**Operating systems: theory and practice**

(formerly offered as COSC 412hc)

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 203hc, 302hc, MATH 365.

Prerequisite: (1985/86 only):

COSC 203hc, 302hc.

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

Lectures, 3 hours per week.

**McCarthy/Tues 7-10 pm**

#### **COSC 427A**

**Microprocessor systems**

(formerly offered as COSC 322hc, 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 212hc, PHYS 232hc/233hc.

(Not open to students with credit in COSC 322hc or COSC 394hc.)

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

**Thomas/Tues 6-9 pm and lab**

#### **COSC 498A**

**Computing project II**

A half-year project course under the supervision of a faculty member from the department.

Prerequisite: COSC 407hc.

A prospective student is advised to select a supervisor and a project in consultation with the department, and have the choice approved by the project course coordinator at least two weeks prior to registration in the course.

**Faculty/Department**

#### **COSC 498B**

**Computing project II**

A half-year project course under the supervision of a faculty member from the department.

Prerequisite: COSC 407hc.

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**

## **ECONOMICS**

### **ECON 191A**

**Principles of microeconomics** (formerly part of ECON 190)

An introduction to the study of microeconomics. Topics include the nature of economics, the price system, demand, production and cost, markets and pricing, factor pricing and the distribution of income.

(Not open to students with a credit in ECON 190.)

Lectures, tutorial, 4 hours per week.

**Imam/Wed 7-10 pm and tutorial**

### **ECON 192B**

**Principles of macroeconomics** (formerly part of ECON 190)

An introduction to the study of macroeconomics. Topics include the nature of economics, the determination and control of national income, money, banking and monetary policy, macro-



economic policy and the balance of payments.

(Not open to students with a credit in ECON 190.)

Lectures, tutorial, 4 hours per week.

**Dore/Wed 7-10 pm and tutorial**

### **ECON 251A**

#### **Intermediate micro theory**

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

Prerequisite: ECON 191hc/192hc.

(Not open to students with ECON 201, 202, or 203 credit.)

Lectures, tutorial, 4 hours per week.

(See note after ECON 252hc.)

**Chalcraft/Wed 7-10 pm and tutorial**

### **ECON 252B**

#### **Intermediate macro theory**

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

Prerequisite: ECON 191hc/192hc.

(Not open to students with ECON 201, 202, or 203 credit.)

Lectures, tutorial, 4 hours per week.

**TBA/Wed 7-10 pm and tutorial**

*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.

### **ECON 290B**

#### **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, tutorial, 4 hours per week.

**Chalcraft/Thur 7-10 pm and tutorial**

### **ECON 314A**

#### **Public finance: expenditure** (formerly offered as part of ECON 304)

The role and nature of the government sector; economics of public expenditure with reference to equity and efficiency considerations; techniques of public expenditure analysis; intergovernmental fiscal relations and economics of public debt.

Prerequisite: ECON 201 or 251hc/252hc, MATH 197hc.  
(Not open to students with credit in ECON 304.)

Lectures, seminar, 3 hours per week.

**TBA/Wed 7-10 pm**

### **ECON 315B**

#### **Public finance: taxation**

(formerly offered as part of ECON 304)

An introduction to the theory of taxation; economic consequences of various federal and provincial taxes. Theory of optimum taxation; analysis of Canadian tax system.

Prerequisite: ECON 201 or 251hc/252hc, MATH 197hc.  
(Not open to students with credit in ECON 304.)

Lectures, seminar, 3 hours per week.

**Chalcraft/Wed 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/Tues 6-9 pm**

### **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/Wed 6-9 pm**

### **EDUC 400**

#### **Analysis of discourse**

(also offered as TESL 400)

Study of the various techniques and frameworks for the analysis of written and spoken discourse, with special reference to applications in second-language acquisition. Lectures will outline approaches to discourse analysis and related initiatives in communicative language-teaching methodology. Seminars will examine discourse analysis theories as well as corresponding pedagogical materials. Preparation of a practical project in discourse analysis.

Prerequisite: 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 syntactic 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/Thur 7-10 pm**

### **EDUC 404**

#### **Curriculum design, methodology and practicum**

(also offered as TESL 404)

An extension of introductory work in TESL 191. Examination of the theoretical and historical factors influential in the development of second language curricula since 1960. A project in second language course design during the first term. Practical application of second language teaching methods and approaches. Micro-peer teaching sessions, observation and teaching practice in Brock's Intensive English Language program.

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, 3 hours per week.

**Harris/Wed 7-10 pm**

## **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, Eliot. Special attention will be given to student's writing.

Lectures, seminar, 3 hours per week.

**McKay/Mon 8-10 pm and seminar**

*\* English course which may be taken for credit in Drama.*

**ENGL 199****Language of science, social science and literature**

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

Lectures, seminar, 3 hours per week.

**Crick/Thur 7-9 pm and seminar**

**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, fantasy, 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/Thur 8-10 pm and seminar**

**ENGL 291****Canadian literature in English**

Emphasis on poetry and fiction. Representative works of such writers as Haliburton, Lampman, Roberts, Leacock, Pratt, MacLennan, Birney, Layton, Laurence, and contemporary poets. Chronicles and journalistic, philosophical, and political works are examined as works of art and as patterns of Canadian experience.

Lectures, seminar, 3 hours per week.

**Rose/Tues 8-10 pm and seminar**

**ENGL 305****Creative writing**

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

Seminar, 3 hours per week.

**Hornysky/Wed 7-10 pm****ENGL 391****History of the language**

The development of the English language from its origins to the present state of English in North America. The nature and cause of major internal changes in the language will be carefully examined, together with the influence of external cultural and linguistic forces in the shaping of modern English. Selected literary models will be used to illustrate the stylistic development of English.

Lectures, seminar, 3 hours per week.

**Somerville/Thur 7-10 pm**

**ENGL 392****Old English**

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

Seminar, 3 hours per week.

**Shaw/Mon and Wed 4:30-6 pm**

**EXTRADEPARTMENTAL STUDIES****EXST 295****Introduction to speech-language pathology**

The development and disorders of human communication: normal speech, language and hearing development, and clinical disorders from the newborn to the aged. Approaches to assessment and remediation. Topics include articulation, language, voice, adult language disorders, fluency and stuttering, neurological and auditory disorders. This course is of interest to students in education, behavioral and social sciences, health professionals, and students intending to pursue subsequent professional training in speech pathology or audiology.

Enrolment may have to be

limited (by grade standing) due to space limitations.

Prerequisite: PSYC 190 or permission of the instructor.

Lectures, seminar, 3 hours per week.

**Kroll/Tues 7-9 pm and seminar**

**FINE ARTS****FINA 382B****Psychology of the arts**

(also offered as PSYC 382B)

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 third or fourth year course.

Lectures, seminar, 3 hours per week.

**Benjafield/Thur 7-9 pm and seminar**

**MUSIC****MUSI 110****Introduction to music**

A course in basic musical literacy in which students will be introduced to the theoretical and historical aspects of art music. The emphasis will be on the development of written skills and the examination of musical forms and styles.

(Not open to music majors for credit or those who have credit in MUSI 190. Not open to students who have Royal Conservatory Grade II rudiments or equivalent.)

Lectures, 3 hours per week.

**Lantos/Mon 5-8 pm**

**MUSI 183A****Choral ensemble I**

(formerly offered as MUSI 182)

Participation in one of the following two groups, determined by successful audition: 1) university choir: fundamentals of

choral singing and sight reading; performance of a varied repertoire; 2) university chamber choir: choral technique and interpretation; performance of secular and liturgical music from the Renaissance to the twentieth century, mainly unaccompanied. Lab fee: \$15.00.

Prerequisite: entrance by audition; basic sight-singing skills required.

Rehearsal, concerts, 2 hours per week for 2 terms. Extra rehearsal time as required.

**Lantos/Tues 5-7 pm (September-April)**

**MUSI 192****Solo performance I**

Individual instruction in one of the following: piano, harpsichord, organ, voice, classical guitar, or any approved concert band and orchestral instrument.

Prerequisite: all prospective students should audition before June 30 of each academic year. The minimum entrance standard is Royal Conservatory Grade VIII or equivalent for piano, organ, voice and classical guitar, and Royal Conservatory Grade VI for concert band and orchestral instruments. Details of interviews and auditions can be obtained from the department secretary.

Lesson fee: \$110.00

One hour private instruction per week, performance classes, and compulsory participation in student recitals, and an approved small or large ensemble.

**Hayes, Earp, Spraggon/TBS**  
**Individual lessons**

**MUSI 250****History and literature of music: baroque and classical periods**

(formerly offered as MUSI 251hc/252hc)

Intensive study of styles, forms and genres from ca.1600 to ca.1800 through analysis of selected works.

Prerequisite: MUSI 150 or permission of the instructor.

(Not open to students with credit in MUSI 251hc/252hc.)

Lectures, seminar, 3 hours per



week.

**Glofcheskie/Mon 5-8 pm**

---

**MUSI 283A**

**Choral ensemble II**

(formerly offered as MUSI 282)

Participation in one of the following two groups, determined by successful audition: 1) university choir: further choral training, requiring a higher standard of musicianship than in MUSI 183hc; 2) university chamber choir: a continuation of choral training and the study of repertoire for small vocal ensembles. Lab fee: \$15.00.

Prerequisite: MUSI 183hc, or equivalent, and sight-singing skills. Entrance by audition. (Not open to students with credit in MUSI 282.)

Rehearsals, concerts, 2 hours per week for 2 terms. Extra rehearsal time as required.

**Lantos/Tues 5-7 pm (September-April)**

---

**MUSI 292**

**Solo performance II**

A continuation of individual instrumental or vocal study.

Lesson fee: \$110.00

Prerequisite: MUSI 192 or its equivalent by audition.

One hour private instruction per week, performance classes, compulsory participation in student recitals and an approved small or large ensemble.

**Hayes, Earp, Spraggon/TBS**  
**Individual lessons.**

---

**MUSI 383A**

**Choral ensemble III**

(formerly offered as MUSI 382)

Participation in one of the following two groups, determined by successful audition: 1) university choir: further choral training and sight-reading skills; 2) university chamber choir: further training in choral skills, repertoire and performance; score preparation, conducting and rehearsal techniques. Lab fee: \$15.00.

Prerequisite: MUSI 283hc, or equivalent, and sight-singing skills. Entrance by audition. Rehearsals, concerts, 2 hours per

week for 2 terms. Extra rehearsal time as required.

**Lantos/Tues 5-7 pm (September-April)**

---

**MUSI 392**

**Solo performance III**

A continuation of individual instrumental or vocal study. One hour of private instruction per week; compulsory participation in performance classes; one solo or joint public recital; and an approved small or large ensemble. Lesson fee: \$110.00.

Prerequisite: MUSI 292 with a minimum of B standing, or its equivalent by audition.

**Hayes, Earp, Spraggon/TBS**  
**Individual lessons.**

---

**MUSI 483A**

**Choral ensemble IV**

Participation in one of the following two groups, determined by successful audition: 1) university choir: further choral training and sight-reading skills; 2) university chamber choir: further training in choral skills, repertoire, performance, score preparation, conducting and rehearsal techniques. Lab fee: \$15.00.

Prerequisite: MUSI 383hc or equivalent, and sight-singing skills. Entrance by audition. Rehearsals, concerts, 2 hours per week for 2 terms. Extra rehearsal time as required.

**Lantos/Tues 5-7 pm (September-April)**

---

**MUSI 492**

**Solo performance IV**

A continuation of individual instrumental or vocal study. One hour private instruction per week; compulsory participation in performance classes, one solo public recital, and an approved small or large ensemble. Lesson fee: \$110.00.

Prerequisite: MUSI 392 with minimum of B standing.

**Hayes, Earp, Spraggon/TBS**  
**Individual lessons.**

---

**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.)

Enrolment in this course will be limited.

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

**Morgan/Tues 5-8 pm**

---

**THEA 311**

**Theatre in education**

(formerly offered as DRAM 311)

The role of theatre in education as a form created and presented for children and young people and as a medium for educational communication. Students will participate in practical projects. Prerequisite: THEA 210 or permission of the instructor.

(Not open to students with credit in DRAM 311.)

Enrolment in this course will be limited.

Lectures and workshops, 3 hours per week; additional rehearsal time as required.

**Morgan/Wed 5-8 pm**

---

**THEA 391**

**Writing for stage, screen and radio**

(formerly offered as DRAM 491)

Theory and practice. Workshops on scripts in progress. Selected scripts may be produced in the department's annual spring festival.

Prerequisite: permission of the instructor. Admission will be based on samples of written work.

(Not open to students with credit in DRAM 491.)

Seminar, workshops, 3 hours per week.

**Feldman/Tues 5-8 pm**

---

**VISUAL ARTS**

**VISA 192**

**Drawing I**

(formerly offered as FINA/VISA 202)

Exploration of the fundamental principles of drawing. Creative expression, graphic notation, and the study of the figure will be included with emphasis on observation and analysis. A lab fee of \$45.00 is charged. Students must supply their own materials.

Prerequisite: a portfolio must be submitted before registration, unless the student already has credit for VISA(FINA) 195.

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

Lectures, studio work, 5 hours per week.

**Kropf/Mon 5:30-10:30 pm**

---

**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 drawing and modelling materials. A lab fee of \$45.00 will be charged. Students must supply their own materials.

Prerequisite: a portfolio must be submitted before registration unless the student already has credit for VISA 192(202).

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

Lectures, studio work, 5 hours per week.

**Singer/Wed 5:30-10:30 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; VISA 192(202) or 195 and/or permission of the instructor.

(Not open to students with credit

in FINA 203.)

Lectures, studio work, 5 hours per week.

**Kropf/Tues 5:30-10:30 pm**

### **VISA 250**

#### **Canadian art**

(formerly offered as FINA 250)

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

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

(Not open to students with credit in FINA 250.)

Lectures, seminars, 3 hours per week.

**Knight/Thur 7-10 pm**

### **VISA 292**

#### **Drawing II**

(formerly offered as VISA 302)

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 191; VISA 192 or 195; and permission of the instructor.

(Not open to students with credit in VISA 302.)

Lectures, studio work, 5 hours per week.

**Potruff/Thur 5:30-10:30 pm**

### **VISA 391**

#### **Studies in modern art**

Advanced study of selected topics e.g., Bauhaus, Russian art 1917-1922, abstract expressionism, American sculpture.

Prerequisite: VISA (FINA) 191, 291, or permission of the instructor.

Lectures, 3 hours per week, and museum visits.

**Knight/Tues 7-10 pm**

### **VISA 397A**

#### **Greek sanctuaries**

(also offered as CLAS 397hc)

A study of the great Panhellenic shrines (Delphi, Olympia, Epidauros, and others): topography,

architecture, art, with emphasis on the interplay between tradition and changing needs and values.

Prerequisite: a classics course numbered 290 or above or VISA 191 or permission of the department.

3 hours per week.

**Rupp/Wed 7-10 pm**

### **VISA 398B**

#### **The art and archaeology of Cyprus**

(also offered as CLAS 398hc)

A survey of the cultural history of Cyprus from the Neolithic period through the early Byzantine period, based on the archaeological record, and of the role of Cyprus in the civilization of the eastern Mediterranean.

Prerequisite: a classics course numbered 290 or above or VISA 191 or permission of the department.

3 hours per week.

**Rupp/Wed 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.

**Gayler, Jackson/Tues 7-9 pm and seminar**

### **GEOG 191**

#### **Principles of physical geography**

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

Lectures, labs/seminars, 4 hours per week.

**Menzies, Thomson/Thur 6-8 pm and lab**

### **GEOG 204B**

#### **An introduction to meteorology**

A study of the principles, structure, composition and processes of the atmosphere; its energy budget, moisture balance and motion. Weather forecasting in middle and low latitudes, forecasting techniques and special problems in applied meteorology.

Prerequisite: GEOG 191 or 192 or permission of the instructor.

Lectures, seminar, laboratory, 3 hours per week.

**Shaw/Mon 7-9 pm and lab**

### **GEOG 206A**

#### **Cultural geography**

(formerly GEOG 358hc)

Interactions of culture and technology. Cultural problems in the modern world.

Prerequisite: GEOG 190 or 192 or another Year 1 social science course or permission of the instructor.

(Not open to students with credit in GEOG 358hc.)

Lectures, seminar, 4 hours per week.

**Meeker/Mon 6-8 pm and lab**

### **GEOG 356A**

#### **Physical geography field course** (formerly part of GEOG 359hc)

The application of geographical principles and field techniques to problems in physical geography. This course will involve field work, seminars, readings and the compilation of reports on the aspects studied.

Prerequisites: three full courses or equivalent in geography from group B, or permission of the department.

(Not open to students with credit in GEOG 359hc.)

**Shaw/Mon 6-9 pm**

**(Four consecutive weeks)**

### **GEOG 357A**

#### **Human geography field course** (formerly part of GEOG 359hc)

The application of geographical principles and field techniques to problems in human geography. This course will involve field work, seminars, readings and the compilation of reports on the

aspects studied.

Prerequisites: three full courses or equivalent in geography from group A, or permission of the department.

(Not open to students with credit in GEOG 359hc.)

**McNeil/Mon 6-9 pm**

**(Four consecutive weeks)**

## **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 year 2. A non-refundable lab fee of \$10 is collected at the beginning of the term.

Lectures, 2 hours per week; labs and local field trips, 1 to 2 hours per week.

**Grant/Tues 7-9 pm and lab**

### **GEOL 290A**

#### **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.

**Grant/Wed 7-9 pm and lab**

---

**GEOL 291A****Planetary geology**

(formerly offered as GEOL 431hc)

Origin and evolution of the solar system; geologic, tectonic, atmospheric and morphologic comparison of earth, the planets, and satellites of the solar system. Prerequisite: GEOL 242hc or permission of the instructor.

(Not open to students with credit in GEOL 431hc. May not be used as a science elective.)

Lectures, labs, 5 hours per week.

Flint/Tues 7-9 pm and lab

---

---

**GERMANIC AND SLAVIC STUDIES**

---

---

**GERMAN**

---

**GERM 100****Language (introductory)**

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

Language laboratory, 4 hours per week.

Schutz/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.

Michielsen/Mon 6-10 pm

---

**GERM 196****Culture and civilization of Central Europe II**

(given in English)

(formerly offered as part of GERM 195)

The evolution of modern Europe. An illustrated cross-section of ethnic, social and cultural peculiarities; development of sovereign states and national cultural centres; a

survey of literary, philosophical, political and sociological theses and their implementation or failure. From the Reformation to the Post WWII period.

(Not open to students with credit in GERM 195.)

Lectures, 3 hours per week.

Owen/Tues 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.

Hollosi/Thur 6-9 pm

---

---

**HISTORY**

---

**HIST 192A****Early medieval Europe**

(formerly offered as part of HIST 190)

A study of the societies and culture of Western Europe from the late Roman Empire until the Crusades and the 'Twelfth Century Renaissance'. The agricultural base of society, its cultural context, the nature and roles of early Christianity and the ultimate survival and expansion of Christendom in the face of both pagan and Muslim challenges will be analyzed.

(Not open to students with credit in HIST 190.)

Lectures, seminar, 3 hours per week.

Arthur/Wed 7-9 pm and seminar

---

**HIST 193B****The high middle ages**

(formerly offered as part of HIST 190)

An examination of the economy, society, culture and politics of Western Europe, 1050-1350. Ecclesiastical problems, religious beliefs, scholasticism, material culture and family structures will all be assessed in the context of urban and mercantile expansion.

(Not open to students with credit in HIST 190.)

Lectures, seminar, 3 hours per week.

Arthur/Wed 7-9 pm and seminar

---

**HIST 241A****Eighteenth-century Europe, 1700-1787**

An examination of demographic, economic and structural changes as they affected the nobility, bourgeoisie and popular classes; changes in patterns of criminality, riot and popular mentality; war as a stimulus of social reform; and the Enlightenment in its social and cultural context. Lectures, seminar, 3 hours per week.

Sutherland/Tues 7-9 pm and seminar

---

**HIST 242B****Europe during the French Revolution, 1785-1794**

The causes of the Revolution as aristocratic and bourgeois challenges to absolute monarchy; politicization of urban and rural working people; the drift to counterrevolution; war, civil war, and Terror. The wider impact of the Revolution on European society and thought will also be examined.

Lectures, seminar, 3 hours per week.

Sutherland/Tues 7-9 pm and seminar

---

**HIST 262A****Military history, 1800-1945**

(formerly offered as part of HIST 290)

A study of the evolution of military strategy, tactics, logistics and weapon systems from the campaigns of Napoleon through the Second World War.

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

Lectures, seminar, 3 hours per week.

Goodspeed/Wed 7-9 pm and seminar

---

**HIST 280****The Thirteen Colonies**

A comparative survey of the Thirteen Colonies from their

founding to the American Revolution, with emphasis on the problem of the imperial connection, the social and theological bases of Puritanism, Quakerism and witchcraft, political developments and commerce, slavery and warfare.

Lectures, seminar, 3 hours per week.

Drake/Thur 7-9 pm and seminar

---

**HIST 350****The Germans**

A survey of German history since the late eighteenth century, emphasizing social, economic and political problems.

Lectures, seminar, 3 hours per week.

Taylor/Mon 7-9 pm and seminar

---

**HIST 376A****Canada's evolving social fabric**

An analysis of the changing nature of the social institutions fashioned for and by the men, women and children who peopled Canada during the nation's first century.

Lectures, seminar, 3 hours per week.

Dirks/Tues 7-9 pm and seminar

---

**HIST 385****Power in America**

An examination of aspects of the political development of the United States from the American Revolution to the present. Attention will be given to the development of the American party systems, the political interaction of the federal, state and local levels of government, and to the changing behavior of the American voter.

Seminar, 3 hours per week.

Hanyan/Wed 7-10 pm

---

**HIST 445B****European thought and culture**

A study of a series of related topics in the cultural and intellectual history of Europe. Consult with the department.

Seminar, 3 hours per week.

Wolff/Tues 7-10 pm

---

## MATHEMATICS

### MATH 160A

#### 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, 3 hours per week; tutorial, 1 hour per week.

Kerman/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, 4 hours per week.

Mayberry, Jenkyns/Mon 7-10 pm and tutorial

### \* MATH 197B

#### Differential and integral methods

Designed for students of ad-

ministrative 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; i.e., MATH 100, MATH 193hc, MATH 194hc, MATH 195hc.)

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

Yee/Wed 7-10 pm and tutorial

### \* MATH 198A

#### Basic statistical methods

Designed for students of administrative studies, biological sciences, economics, geological sciences, physical education and urban and environmental studies. Descriptive statistics; probability; estimation; hypothesis testing; non-parametric tests; Normal,  $\chi^2$ ,  $t$  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 i.e., MATH 192, MATH 296, ECON 290hc, PSYC 223, SOCI 230.)

Lectures, 3 hours per week, tutorial, 1 hour per week.

Calvert/Tues, Wed, Thur 4:30- or 5:30 pm and tutorial

Yee/Wed 7-10 pm and tutorial

### MATH 260B

#### Introductory operations research

Designed for students in administrative studies. Project management: CPM, PERT. Linear programming: formulation, graphical solution, simplex method, duality, examples.

Special LP problems: transportation, assignment. The two-player zero-sum game, and the minimax theorem. Elements of decision theory: utility, Bayesian models, branch-and-bound methods. Inventory models: EOQ and generalizations. Queuing theory.

Prerequisites: MATH 197hc/198hc or equivalents.

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

Deshpande/Mon 7-10 pm and tutorial

### MATH 394

#### Differential equations

Linear equations; series solutions, Laplace transforms and operator methods; systems of equations; basic existence theorem; Sturm-Liouville theory; Bessel and Legendre functions; orthogonal polynomials; eigenvalue problems. Fourier series; simple partial differential equations and boundary-value problems.

Prerequisite: MATH 200, or permission of the department.

Lectures, 4 hours per week.

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

*\*Indicates service courses, not usually counted towards the mathematics courses major for a mathematics degree.*

## PHILOSOPHY

### PHIL 198A

#### Philosophy and modern civilization

An introductory course which investigates the question of what it is to be human by contrasting some of the great philosophical visions of human life in the modern age.

(Not open to students with credit in PHIL 190.)

Lectures, seminar, 3 hours per week.

Goicoechea/Mon 7-9 pm and seminar

### PHIL 199B

#### Philosophy and ancient civilization

An introductory course which in-

vestigates the question of what it is to be human in the context of differing philosophies such as Greek classical, early Christian, and ancient Eastern philosophy. (Not open to students with credit in PHIL 190.)

Lectures, seminar, 3 hours per week.

Goicoechea/Mon 7-9 pm and seminar

### PHIL 292A

#### Selected topics in analytic philosophy

This course helps the student to identify and apply to current controversial issues basic distinctions and forms of argument typical of contemporary analytic philosophy. Topics to be considered may include personal identity, the differences between men and animals, mental imagery, the mind-brain connection, universals and particulars, and the meaning of life.

Topics are chosen in accordance with student interest.

Lectures, seminar, 3 hours per week.

Malone/Mon 7-10 pm

### PHIL 309A

#### Theory of knowledge

An exploration of some fundamental distinctions in the theory of knowledge, e.g. knowledge and belief; the empirical and the *a priori*; analytic/synthetic; scientific vs metaphysical knowledge.

Seminar, 3 hours per week.

Miles/Thur 7-10 pm

### PHIL 310B

#### Metaphysics

An enquiry into some of the major problems of metaphysics, considering the question of what there is and covering topics such as the nature of space and time, the mind-body relation, substance and property, universals and particulars, causation, identity and personal identity.

Lectures, seminar, 3 hours per week.

Brown/Thur 7-10 pm

**PHIL 390**

**Critical study of a classical philosophy**  
(formerly PHIL 301)

A year-long study of Plato's thought one year, of Aristotle's the next year, this course investigates the unity of multiplicity in the thinking of each of the two great Greek philosophers. The emphasis is on joint seminar investigation and independent research. The approach is historical, trying to understand Plato or Aristotle in their historical context from the inside rather than by imposing modern categories. May be taken a second time with the alternative subject as PHIL 392. (In 1985/86, Aristotle will be studied.) Prerequisite: PHIL 201 or permission of the instructor. Lectures, seminar, 3 hours per week.

**Husain/Tues 7-10 pm**

**PHIL 407B**

**Husserl and transcendental phenomenology**  
(formerly offered as part of PHIL 506hc)

Basic issues and the characteristic method of phenomenology will be studied, using some of the major works of Husserl. (Not open to students with credit in PHIL 506hc.)

Prerequisite: see Note 3.  
Seminar, 3 hours per week.

**Sinha/Wed 7-10 pm**

**PHIL 416B**

**Studies in contemporary European philosophy II**  
(formerly offered as part of PHIL 403)

A study of the work, usually of one thinker prominent in recent continental thought. The focus will vary from year to year. Prerequisite: see Note 3. Seminar, 3 hours per week.

*Note 3*

(quote from p. 172 of Calendar.) Although all 400-level courses are intended for fourth-year philosophy honors majors, any student at the third-year level may take the equivalent of one full fourth-year course if he/she

has obtained second-class honors standing, or with the permission of the department.

**Miles/Thurs 7-10 pm**

**PHIL 417A**

**Modern philosophical studies I**  
(formerly offered as part of PHIL 413)

An advanced course devoted to one or more of the major thinkers of the tradition from Descartes to the present day. Prerequisite: see Note 3.

Seminar, 3 hours per week.

**Brown/Thur 7-10 pm**

**PHIL 434A**

**Advanced studies in Eastern philosophy**

Concentrated critical and interpretative study of selected texts in the areas of: Advaita, Vedanta, Yoga, etc.; or Madhyamika and Yogacara schools of Buddhism. Prerequisite: see Note 3.

Seminar, 3 hours per week.

**Sinha/Wed 7-10 pm**

## **SCHOOL OF PHYSICAL EDUCATION AND RECREATION**

### **PHYSICAL EDUCATION**

**PHED 391A**

**The philosophy and principles of coaching**

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

Students will be exposed to practical coaching situations to apply the theoretical principles studied. Prerequisite: PHED 191hc/192hc or PHED 190, 202hc, 204hc, 205hc, or permission of the instructor.

Lectures, seminar, 3 hours per week.

**MacDonald/Mon 7:30-9:30 and seminar**

**PHED 395B**

**Psycho-social aspects of sport**

An elective course designed to integrate reading and research from selected areas of the sociology, psychology and physiology of sport. Analysis and discussion of research readings, theories, issues and trends as they relate to human movement patterns are stressed. Prerequisite: PHED 202hc or permission of the instructor. Lectures, lab, 3 hours per week.  
**Wilson/Mon 6:30-9:30**

## **RECREATION AND LEISURE STUDIES**

**RECL 207A**

**Tests and surveys for recreation**

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

Prerequisite: RECL 191 or permission of the instructor.

Lectures, lab, 3 hours per week.

**Yardley/Thur 7-9 pm and lab**

**RECL 210B**

**Administration of recreation and leisure services**

(formerly offered as RECL 201hc)

Administrative science concepts in relation to the delivery of recreation services with a focus on the volunteer recreation administrator and the role of the professional in the management of volunteer recreation delivery systems.

Prerequisite: RECL 191 and MGMT 191hc/192hc or permission of the instructor.

(Not open to students with credit in RECL 201hc.)

Lectures, seminar, 3 hours per week, individual projects.

**Yardley/Thur 7-9 pm and seminar**

**RECL 291A**

**Principles of play and leisure**

(formerly offered as RECL 298hc.)

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 200hc and 211hc.

(Not open to students with credit in RECL 298hc.)

Lectures, seminar, 3 hours per week.

**Guilmette/Thur 7-9 pm and seminar**

**RECL 305A**

**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 200hc, 210hc.

Seminars, 2 hours per week and fieldwork.

**Yardley/Mon 7-10 pm**

**RECL 305B**

**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 200hc, 210hc.

Seminars, 2 hours per week and fieldwork.

**Yardley/Mon 7-10 pm**

**RECL 312B**

**Leisure and aging**

(formerly offered as RECL 303hc)

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 200hc, 202hc, 210hc.

(Not open to students with credit in RECL 303hc.)

Lectures, seminar, 3 hours per week.

**Guilmette/Thur 7-9 pm and seminar**

---

## PHYSICS

### ASTR 100

#### Introduction to astronomy

An introductory course in astronomy, designed for both non-science and science students. Topics for the first term include a description of the appearance of the night sky and the properties of the sun and stars. The second term presents a description of the planets of the solar system, galaxies, history of astronomy, and the properties of some unusual astronomical objects such as pulsars and black holes.

Lectures, 3 hours per week.

Field trips and seminars: these will average about 1 hour per week, and will consist of a trip to an astronomical observatory, several nights of observing stars, and some seminars.

**Black/Tues 7-10 pm**

---

## POLITICS

### POLI 190

#### Introduction to politics

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

Lectures, seminar, 3 hours per week.

**Fic/Mon 7-9 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 7-9 pm and seminar**

### POLI 290

#### Political philosophy

(formerly offered as POLI 291hc/292hc)

An examination of major works of political philosophy as these comprise the theoretical foundations of our own political order and fundamental alternatives to it. Among the writers and writings to be discussed are Plato Aristotle, the *Bible*, Machiavelli, Hobbes, Locke, Rousseau, Marx and the *Federalist Papers*.

(Not open to students with credit in POLI 200, 291hc or 292hc.)

Lectures, seminar, 3 hours per week.

**Shell/Wed 7-9 pm and seminar**

### POLI 328A

#### Canadian foreign policy

(formerly POLI 425hc.)  
An examination of the foreign policy formulation process in Canada with a view to identifying significant factors, both domestic and external, which contribute to the shaping of overall and specific policy objectives.

Prerequisite: POLI 212 or 220. (Not open to students with credit in POLI 425hc.)

Seminar, 3 hours per week.

**Dirks/Tues 7-10 pm**

### POLI 351

#### Public administration

(also offered as MGMT 320)

A study of theory and practice of public administration with particular reference to Canada. Lectures, seminar, 3 hours per week.

**Baxter-Moore/Mon 7-9 pm and seminar**

### POLI 375B

#### Special topics in politics

An examination of topics selected from year to year on the basis of specific areas of instructional expertise and student interest.

In 1985-86: International problems of development. This seminar examines international impediments to development and alternative approaches to alleviate these impediments. Topics include Marxist and non-Marxist explanations of dependency and the role of such factors as the following in development: national measures, transnational corporations, 'regional' economic arrangements universal intergovernmental organizations, and women as agents of change.

Prerequisite: POLI 220 or 222hc, or permission of the instructor.

Seminar, 3 hours per week.

**Sewell/Tues 7-10 pm**

### POLI 412B

#### Public policy formulation in Canada

An evaluation of the contribution of political and administrative structures and processes to the definition of problems, selection of solutions and implementation of policies in selected areas in Canadian politics. Prerequisite: year 4 honors standing, or permission of the instructor.

Seminar, 3 hours per week.

**Stritch/Thur 7-10 pm**

### POLI 413A

#### Issues in Canadian politics

A study of selected issues in Canadian politics.

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

Seminar, 3 hours per week.

**Olling/Thur 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: POLI 351/MGMT 320

or permission of the instructor. (Not open to students with credit in POLI 454hc.)

Lectures, seminar, 3 hours per week.

**Siegel/Wed 7-10 pm**

### POLI 485A

#### 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/TBA**

### POLI 485B

#### 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/TBA**

---

## 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, seminar, 3 hours per week.

**Lordahl/Tues 7-9 pm and seminar**

**PSYC 296****Youth and adolescence**

Theoretical approaches to adolescence; thinking processes of the adolescent; identity development; physiological change, sexuality, sex roles, and decision-making; parent-adolescent relationships; friendship and the peer group; values and moral growth; emotional disturbances and delinquent behavior; substance use and abuse; the physically challenged — handicapped adolescents; stress management and emotional control; treatment methodologies; strategic interactions.

(Not open to students with credit in PSYC 387hc.)

Lectures, seminar, 3 hours per week.

**Davis, Carlsen/Wed 7-9 pm and seminar**

**PSYC 308****Psychology of language**

(also offered as COMM 308)

Psychological processes involved in language including the study of meaning, language development in children, language and thought, listening, as well as special interest topics such as bilingualism and written language. Lectures, seminar, 3 hours per week.

**Preston/Mon 7-9 pm and seminar**

**PSYC 311****Issues in developmental psychology**

(also offered as CHST 311)

Examination of some current issues in developmental psychology, or recent experimental research on them, and theoretical approaches involved. The student will study human

development from an integrated approach, including biological as well as psychological viewpoints.

Prerequisite: PSYC 210 or three psychology courses beyond PSYC 190.

Lectures, seminar, 3 hours per week.

**Segalowitz, Rose-Krasnor/Tues 7-9 pm and seminar**

**PSYC 382B****Psychology of the arts**

(also offered as FINA 382B)

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 third or fourth year course.

Lectures, seminar, 3 hours per week.

**Benjafield/Thur 7-9 pm and seminar**

**PSYC 395****Stress and emotion**

(formerly PSYC 350)

Examination of stress in terms of occupations, environments, life events; methods of appraisal, coping strategies and health factors. Emotion is viewed both as part of the stress response and as a separate source of motivation. Cognitive and behavioral factors in the experience and expression of specific emotions are also explored.

(Not open to students with credit in PSYC 350.)

Lectures, seminar, 3 hours per week.

**Lavery/Mon 7-9 pm and seminar**

**PSYC 492A****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 493B****Honors seminar**

(formerly part of PSYC 490)

A comprehensive look at the fundamental issues in the various areas of psychology, with various faculty members responsible for specific areas.

Prerequisite: admission to Year 4 and PSYC 492hc.

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

Lectures, seminar, 3 hours per week.

**Adams-Webber/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, 3 hours per week.

**Weber/Mon and Wed 5-6:30 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 genuine human existence.

Lectures, seminar, 3 hours per week.

**McDermott/Mon 7-9 pm and seminar**

**REST 240****Genesis**

A close analysis of the book of Genesis from the literary, historical and theological-political perspectives.

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 180****Practical language**

Basic skills of written and oral expression. Emphasis on communication for general purposes. Selected texts.

Language laboratory.

**Koustas/Thur 6-9 pm and lab**

**FREN 190****Language and literature**

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

Language laboratory.

**Koustas/Mon 6-9 pm and lab also TBA/Mon, Tues, Thur 4-6 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.

**Koustas/Wed 7-10 pm**

**FREN 291****Contemporary literature of Africa and the Caribbean**

Contemporary poetry, theatre and novel of the French-speaking countries of Africa and the Caribbean in the context of their historical, social, and ideological background. Prescribed texts: A. Césaire, *Cahier d'un retour au pays natal*, *Une tempête*; Y. Kateb, *Le Cercle des*



*répresailles*; B.-B. Dadié, *Le Pagne noir*; A. Kourouma, *Les Soleils de L'Indépendance*; Y. Oulguem, *Le Devoir de la violence*; L. Senghor, *Anthologie de la nouvelle poésie nègre et malgache, Poèmes*; E. Glissant, *Monsieur Toussaint*.  
**Shayka/Thur 7-10 pm**

#### **FREN 391**

##### **Literature, 20th century**

Individualism from 1890 to the present day. Neo-romanticism, the new catholicism, surrealism, feminism, existentialism, the *nouveau roman* and the theatre of the absurd. Prescribed texts: Beauvoir, *Mémoires d'une jeune fille rangée*; Breton, *Nadja*; Camus, *La Peste*; Claudel, *L'Annonce faite à Marie*; Collette, *Sido*; Gide, *L'Immoraliste*; Ionesco, *Rhinocéros*; Proust, *Du Côté de chez Swann*; Sarraute, *Le Planétarium*; Sartre, *Les Mouches*; Yourcenar, *Mémoires d'Hadrien*.

**Bucknall/Tues and Thur 4-5:30 pm**

#### **FREN 398**

##### **19th century poetry and theatre**

Romanticism, symbolism, and decadence. Prescribed texts: Lamartine, *Méditations*; Vigny, *Chatterton*; Hugo, *Hernani*; Nerval, *Poésies et souvenirs*; Baudelaire, *Les Fleurs du mal*; Rimbaud, *Poésies, Une saison en enfer, Illuminations*; Mallarmé, *Poésies*; Becque, *Les Corbeaux*.

**Amprimoz/Mon 7-10 pm**

#### **FREN 420**

##### **Literature, 16th century**

Humanism within the French Renaissance. Pléiade poetry. Prescribed texts: Rabelais, *Gargantua*; Du Bellay, *Poèmes*; Ronsard, *Poèmes*; D'Aubigné, *Les Tragiques*; Montaigne, *Essais*.

**Rosmarin/Tues 7-10 pm**

#### **FREN 426**

##### **French-Canadian poetry and theatre**

Evolution and tendencies from

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

**McEwen/Wed 4-7 pm**

## **ITALIAN**

#### **ITAL 100**

##### **Language (introductory)**

Acquisition of reading and oral skills, elementary grammar. Conversation and composition. Language laboratory.

**Federici/Thur 7-10 pm and lab**

#### **ITAL 190**

##### **Language (intermediate)**

In-depth grammar review; emphasis on more complex structures; composition and oral practice. Discussions based on selected literary texts. Language laboratory.

**Virgulti/Thur 7-10 pm and lab**

#### **ITAL 195**

##### **Culture and civilization** (formerly ITAL 230) (given in English)

A survey of the artistic heritage of Italy and of the forces — intellectual, political, and social — that have shaped the mentality and way of life of the Italians from the Middle Ages to the present day. Selected texts, slides, records, and films. (Not open to students with credit in ITAL 230.)

**Federici/Mon 7-10 pm**

#### **ITAL 200**

##### **Language and literature**

Advanced grammar, oral and written practice. Introduction to the analysis of literary texts and principles of criticism.

**Virgulti/Wed 5:30-8:30 pm**

#### **ITAL 290**

##### **Translation and language practice**

The aim of the course is to provide a direct contact with Italian

as a practical means of expression at various levels of communication. Translation and discussion of selected passages from novels, essays, business correspondence, technical jargon, magazines, newspapers.

Prerequisite: ITAL 190 or permission of the instructor

**Virgulti/Tues 6-9 pm**

## **SPANISH**

#### **SPAN 100**

##### **Language (introductory)**

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

Language laboratory.

**Fernandez/Tues 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 190**

##### **Man and society**

Principles and methods in social analysis; examination of elements of social structure, social relations, groups, culture, norms and values, social organizations and change; introduction to comparative analysis of societal structure and process. Emphasis will be placed on field experience, independent student research and data analysis. Lectures, 2 hours, seminar, 1 hour per week.

**Tomovich/Wed 7-9 pm and seminar**

#### **SOCI 293A**

##### **Introduction to criminology**

The nature of criminal behavior, its social causes and consequences; organized crime; white-collar crime; forms of patterned evasion of legal norms; correc-

tional institutions as social systems.

Lectures, seminar, 3 hours per week.

**Freedman/Thur 7-9 pm and seminar**

#### **SOCI 306B**

##### **Sociology of correction**

An investigation of society's agencies of social control that are entrusted to work on rehabilitation of the deviant behavior of juvenile delinquents and adult criminals. Provincial jails and detention centres, and federal penitentiaries are studied. Examples from other societies are also used in tracing innovative methods in correction.

Prerequisite: SOCI 292hc/293hc or permission of the instructor. Lectures, seminar, 3 hours per week.

**Freedman/Thur 7-9 pm and seminar**

#### **SOCI 331**

##### **Social inquiry and information systems**

A continuation of the logic of social inquiry, introducing the foundations and operation of social information systems. The course includes: finite mathematics, logic, file and data base structures, bivariate statistical inquiry designs, and a detailed examination of the file, data base and bivariate analysis procedures in SPSS<sup>x</sup>.

Prerequisite: SOCI 230 or equivalent methodology/statistics course, or permission of the instructor.

Lecture, 2 hours per week; computer lab, 1 hour per week.

**Watson/Tues 7-10 pm and lab**

#### **SOCI 341A**

##### **Organizational behavior**

(also offered as ADMI 341hc) (formerly offered as 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 or SOCI 344hc.)  
Lectures, 3 hours per week.  
**Cuddie/Wed 6-9 pm or  
Howe/Thur 6-9 pm**

### **SOCI 342B**

**Organizational theory**  
(also offered as ADMI 342hc)  
(formerly offered as 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 or SOCI 343hc.)  
Lectures, 3 hours per week.  
**Cuddie/Wed 6-9 pm or  
Campling/Thur 6-9 pm**

### **SOCI 390**

**Research design**  
(formerly SOCI 391hc/395hc)

An examination of research design with special emphasis on relating systematic theory to the development of research strategies.

Prerequisites: SOCI 220 and 230 or permission of the instructor.  
(Not open to students with credit in SOCI 391hc/395hc.)  
Seminar, 3 hours per week.  
**Ward/Mon 7-10 pm**

## **TEACHING ENGLISH AS A SECOND LANGUAGE**

### **TESL 400**

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

Study of the various techniques and frameworks for the analysis of written and spoken discourse, with special reference to applications in second-language acquisition. Lectures will outline approaches to discourse analysis and related initiatives in com-

municative language-teaching methodology. Seminars will examine discourse analysis theories as well as corresponding pedagogical materials. Preparation of a practical project in discourse analysis.

Prerequisite: 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 syntactic 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/Thur 7-10 pm**

### **TESL 402**

**Individual project**  
(also offered as EDUC 402)

An individually designed project carried out with a faculty adviser. Students must consult the director and the adviser before registration week in order to have the project assessed. The results of the project will be presented as a thesis.

Prerequisite: TESL 191 or permission of the director.

Co-requisites: TESL 400, 401, 403, 404 or permission of director.

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

Lectures, seminar, 3 hours per week.

**TBA/Mon 7-9 pm**

### **TESL 404**

**Curriculum design, methodology and practicum**

(also offered as EDUC 404)

An extension of introductory work in TESL 191. Examination of the theoretical and historical factors influential in the development of second language curricula since 1960. A project in second language course design during the first term. Practical application of second language teaching methods and approaches. Micro-peer teaching sessions, observation and teaching practice in Brock's Intensive English Language program.

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, 3 hours per week.

**Harris/Wed 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/Wed 7-9 pm and seminar**

### **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, 2 hours per week.

**Berkes/Mon 7-9 pm and seminar**

### **UEST 353A**

**Environmental impact assessment**

The development of environmental impact assessment in Canada and in other countries; methods of environmental impact analysis; the environmental impact statement; a review of Canadian government procedures and examples of assessments on northern pipelines, hydro-electric and nuclear power stations. Prerequisite: UEST 190, 296 and 297 or permission of the instructor.

Lectures, seminar, 3 hours per week.

**Middleton/Wed 7-9 pm and seminar.**

### **UEST 393B**

**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/Thur 7-10 pm**

#### **UEST 395A**

##### **Interdisciplinary perspectives on the quality of life**

(formerly part of UEST 396)

The process of value formation as the core of the concept of life quality. Development of human potential. The disciplinary and interdisciplinary perceptions required to elucidate the quality of life concept and promote its application through public policy. Special attention given to the interaction between the humanities and social and natural sciences. The theme for 1985/86 will be the effect of nuclear war on the human environment.

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/Thur 7-10 pm**

#### **UEST 397B**

##### **Interdisciplinary perspectives in urban and environmental studies**

(formerly part of UEST 396)

Problems and opportunities for planned urban and environmental change, with special emphasis upon certain areas and regions of Canada. Specific topics to be selected annually at the discretion of the coordinator, in consultation with co-operating faculty. Primary contributions to this course will be from the social 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.

**Middleton/Wed 7-10 pm**

# **PROGRAMS FOR SHIFT- WORKERS**

If you are thinking of continuing your education for career reasons or personal enrichment, but your job involves shift work of some kind, you may be interested to know that Brock University offers flexible day and evening programs to accommodate you.

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 schedule. Full course descriptions are to be found in this brochure in the fall/winter evening course descriptions.

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

## 1985/86 FALL/WINTER EVENING SHIFTWORKERS 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
- 455A 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
- 240A Commercial law
- 320 Public administration
- 341A Organizational behavior
- 342B Organizational theory
- 381A Corporate planning
- 381B Corporate planning
- 421 Public sector management
- 462A Personnel management
- 479B Personnel management research

#### Marketing

- 322A Basic marketing
- 324B Marketing management
- 426A Sales management
- 427B Marketing and society
- 428A Retailing
- 431A Consumer behavior
- 433B International marketing

### BIOLOGICAL SCIENCES

- 125 Biology, man and environment

### CHEMISTRY

- 185 Introduction to modern chemistry

### CHILD STUDIES

- 311 Issues in developmental psychology
- 350 Focus on early childhood education

### COMMUNICATIONS STUDIES

- 308 Psychology of language

### COMPUTER SCIENCE

- 407A Computing project I
- 407B Computing project I
- 498A Computing project II
- 498B Computing project II

### ECONOMICS

- 191A Principles of micro-economics
- 192B Principles of macro-economics
- 251A Intermediate micro theory
- 252B Intermediate macro theory
- 290B Economic statistics
- 314A Public finance: expenditure
- 315B Public finance: taxation

### 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

- 382B Psychology of the arts

### GEOGRAPHY

- 190 Introduction to human geography
- 191 Principles of physical geography
- 204B An introduction to meteorology
- 206A Cultural geography

### GEOLOGICAL SCIENCES

- 190 Introduction to geology

### GERMANIC AND SLAVIC STUDIES

#### German

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

### HISTORY

- 192A Early medieval Europe
- 193B The high middle ages

### MATHEMATICS

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

### POLITICS

- 190 Introduction to politics
- 212 The government and politics of Canada
- 290 Political philosophy
- 351 Public administration
- 452 Public sector management
- 485A Politics tutorial
- 485B Politics tutorial

### PSYCHOLOGY

- 190 Introduction to psychology
- 223 Research design
- 308 Psychology of language
- 311 Issues in developmental psychology
- 382B Psychology of the arts
- 395 Stress and emotion

### ROMANCE STUDIES

#### French

- 100 Language (introductory)
- 180 Practical language
- 190 Language and literature
- 200 Language (intermediate)

#### Italian

- 100 Language (introductory)

#### Spanish

- 100 Language (introductory)

### SOCIOLOGY

- 190 Man and society
- 341A Organizational behavior
- 342B Organizational theory

### URBAN AND ENVIRONMENTAL STUDIES

- 190 Canadian urban and environmental issues

#### Legend:

**A** - half course, offered from  
September 9 - December 6

**B** - half course, offered from  
January 6 - April 11

# 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.

To arrange a tour of the University, or contact the Speakers' Bureau: External Relations 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

☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

☐ ☐ ☐ — ☐ ☐ — ☐ ☐ ☐

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: \_\_\_\_\_



# Application for Admission to Part-Time Studies

**OFFICE OF THE REGISTRAR**  
416-688-5550, Ext. 3431

SOCIAL INSURANCE NUMBER															

PLEASE SEE REVERSE SIDE FOR INSTRUCTIONS  
(Shaded areas for office use only)

REFERENCE NUMBER															
FOR OFFICE USE ONLY															

1-11  
(PLEASE PRINT)

MR. <input type="checkbox"/> MRS. <input type="checkbox"/> 1 3 MS. <input type="checkbox"/> MISS <input type="checkbox"/> 2 4		SURNAME: 1-30	GIVEN NAMES (ALL NAMES IN FULL, AS ON BIRTH CERTIFICATE) 1-50		SEX: 1 <input type="checkbox"/> MALE 2 <input type="checkbox"/> FEMALE	
ADDRESS: NUMBER		STREET		APARTMENT	CITY	COUNTY OR REGION
2-11		3-11		3-30		
PROVINCE	COUNTRY	POSTAL CODE	TELEPHONE NUMBER		MARITAL STATUS:	
3-50	3-54	3-59	AREA CODE 3-70 NUMBER		SINGLE <input type="checkbox"/> DIVORCED <input type="checkbox"/> WIDOWED <input type="checkbox"/> 1 MARRIED <input type="checkbox"/> SEPARATED <input type="checkbox"/> 2	
FORMER SURNAME:		DATE OF BIRTH: DAY MONTH YEAR 4-30	BORN IN CANADA OR CANADIAN CITIZEN 0 <input type="checkbox"/> OR	STATUS IN CANADA IF NOT CANADIAN CITIZEN Permanent Resident (Landed Immigrant) <input type="checkbox"/> 1 Student Visa <input type="checkbox"/> 2 Other Visa <input type="checkbox"/> 3 4-50		COUNTRY OF CITIZENSHIP 4-51
4-11		4-50		DATE OF ENTRY INTO CANADA MONTH YEAR 4-60		
EMPLOYMENT: IF EMPLOYED, NAME OF EMPLOYER			OCCUPATION		BUSINESS TELEPHONE: AREA CODE NUMBER 4-70	
B5B-14			B5B-44		4-80	
MOTHER TONGUE (Language First Spoken) ENGLISH <input type="checkbox"/> 1 FRENCH <input type="checkbox"/> 2 OTHER <input type="checkbox"/> 3 PLEASE SPECIFY 4-80						

SECONDARY SCHOOL(S) ATTENDED	LOCATION OF SCHOOL	GRADE COMPLETED	YEAR
			FROM 19 ..... TO 19 .....
			FROM 19 ..... TO 19 .....

POST-SECONDARY INSTITUTIONS ATTENDED: LIST IN ORDER OF LATEST ATTENDANCE

NAME OF INSTITUTION AND LOCATION	PROGRAM	DEGREE OR CERTIFICATE OBTAINED	YEAR
			FROM 19 ..... TO 19 .....
			FROM 19 ..... TO 19 .....
			FROM 19 ..... TO 19 .....

I AM APPLYING FOR ADMISSION AS: (please check one)

☐ ONTARIO GD XIII GRADUATE (OR EQUIVALENT); ☐ A MATURE STUDENT; ☐ A TRANSFER STUDENT FROM A COLLEGE OR UNIVERSITY; ☐ AUDITOR - NO CREDIT;

☐ A NON-DEGREE STUDENT HOLDING A DEGREE; ☐ AS A STUDENT ON A LETTER OF PERMISSION FROM \_\_\_\_\_ (HOME UNIVERSITY)

☐ SPECIAL STUDENT;

I INTEND TO STUDY FOR: (please check one)

☐ B. Admin ☐ B.A.: \_\_\_\_\_  
☐ B. Bus. Econ. ☐ B. Sc.: \_\_\_\_\_  
☐ B.Ph.Ed. ☐ B.R.L.S. \_\_\_\_\_

PROPOSED MAJOR(S) \_\_\_\_\_  
PROPOSED MAJOR(S) \_\_\_\_\_

SESSION FOR WHICH APPLICATION IS MADE: ☐ FALL/WINTER; ☐ SEPTEMBER ENTRY ☐ JANUARY ENTRY ☐ SPRING EVENING ☐ SUMMER DAY

HAVE YOU PREVIOUSLY APPLIED TO BROCK UNIVERSITY? ☐ YES ☐ NO IF YOU HAVE PREVIOUSLY TAKEN COURSES AT BROCK, PLEASE INDICATE YOUR BROCK 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.
2. Applicants who have attended secondary school must arrange to have official transcripts of final marks **sent directly** to Brock University by their principal or guidance counsellor.
3. Applicants transferring from a college or university must arrange to have official transcripts **sent directly** to Brock University by the institutions concerned.
4. Applicants who are seeking admission on the basis of documents which are in a language other than English must submit the original documents as well as notarized English translations of the documents.
5. Applicants whose mother tongue is not English are required to submit proof of proficiency in English. Normally this will be evidence of satisfactory performance on TOEFL – Test of English as a Foreign Language, Educational Testing Service, Princeton, New Jersey, U.S.A.
6. **Please direct all documents and enquiries to:**  
**Admission, Office of the Registrar,**  
**Brock University,**  
**St. Catharines,**  
**Ontario. L2S 3A1**

**Telephone: (416) 688-5550, ext. 3431**

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

In order to ensure that you have a pre-printed registration form for September registration and if you are planning on **returning** to Brock in September 1985 to continue your studies, please complete the following form and return it to the Registrar's Office by **Friday, August 23, 1985** (an early return would be appreciated).

**PLEASE NOTE: THIS IS *NOT* A REGISTRATION FORM.**

**Please note:**

(1) This form is to be used only by **returning students** who are registering in degree credit courses. Do **NOT** enclose payments with this form.

(2) Details concerning registration and Fall/Winter course offerings will be available by August 1, 1985.

## FALL/WINTER 1985/86 RETURNING STUDENTS

Student Name: \_\_\_\_\_  
First Initial Surname

Student Number: \_\_\_\_\_

Address: \_\_\_\_\_  
Street Number Street Name Apt. No.

City Province Postal Code

Telephone: \_\_\_\_\_  
Home Business





