

Degree Courses

STUDY SKILLS PROGRAMS

Professional Certificate Courses

NEW SWIMMING PROGRAMS

general interest courses

personal and career development



PROGRAMS FOR SHIFT WORKERS

FAMILY FUN FITNESS
& RECREATION

For further information contact the Office of Part-Time Programs 684-7201 ext.249

Introduction

"Perhaps never before in history has humanity felt the push of technological advancement so severely. In the contest between humans and machines, which are ever increasing in use and complexity, we have a tentative edge; yet this slight advantage is rapidly slipping away . . .

Certainly as a society changes, the needs of its people also change. This concept of change has been a key element in the design and initiation of adult education programs since the inception of the movement. From its formative years to the present, the adult education movement has emphasized the planned acquisition of knowledge and coping skills by individual learners in their efforts to reduce the internalized anxiety brought on by the "age of innovation." As a mirror for society's current needs, adult education tries to help its learners identify, interpret, and resolve their specific requirements. Furthermore, the enormity and complexity of contemporary society's changing needs and interests demand continuous and comprehensive lifelong education. Adult education, therefore, may be perceived as one means by which society assists adults in gaining the knowledge and coping skills needed to adjust to the various role changes required in adult life . . .

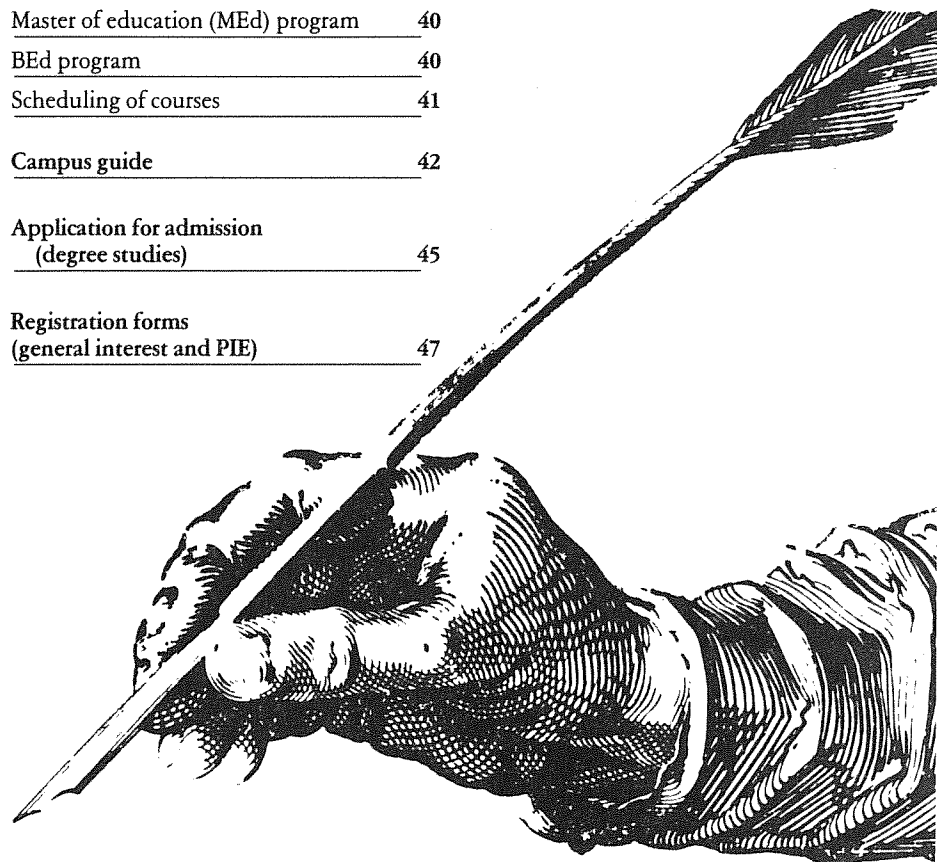
A useful framework for defining adult education is: 'the process by which men and women (alone, in groups, or in institutional settings) seek to improve themselves or society by increasing their skill, knowledge, or sensitiveness; or it is a process by which individuals, groups, or institutions try to help men and women improve in these ways.' "

Serving Personal and Community Needs Through Adult Education
by E.J. Boone and Associates, Adult Education Association, 1980.



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All about Brock

Niagara's neighborhood university

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

More than 2300 full time and 4500 part time students are enrolled, year-round, in our undergraduate and graduate degree programs. In addition to comprehensive studies in the traditional arts and sciences, we offer innovative programs in education, administrative studies, urban and environmental studies, physical education, and child studies.

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

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

The campus

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

Facilities and services

The main library is one of the focal points of the University. Occupying five floors of the Brock tower, it provides students and faculty with ample research and working space. At last count, the library's collections included more than 500,000 volumes of books, documents, and bound periodicals, and subscriptions to more than 2300 journals, newspapers, and periodicals. There are also a

number of separate collections of government documents, reference books, fine arts materials, and rare books published in, or dealing with, the Niagara region.

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

For the athletically-inclined, the place to be on campus is the Physical Education centre. Facilities include two gymnasiums, combatives rooms, fencing and dancing studio, weight and training room, five squash courts, and a handball court. Construction of an eight lane, 50 metre swimming pool will be completed by September of 1981. Memberships in the centre are open to students, faculty, staff, alumni, and the general public. In the course of the year, Brock plays host to regional school championships, recreational clubs, visiting teams from other nations, and scores of individual enthusiasts. Within the University community, there are well-developed programs for inter-collegiate, intramural, and informal competition.

Tours

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

To arrange a tour, please contact the Liaison and Information office, 684-7201, ext. 245.

Speakers' Bureau

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

Today, the Brock University Speakers' Bureau provides speakers for schools, clubs, com-

munity 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 Liaison and Information office, 684-7201, ext. 245.

Book Store

In addition to being the primary source of required and recommended reading materials and textbooks, the Book Store also stocks a wide range of paperback and hardback titles, stationery, magazines, and Brock memorabilia. Beginning September 8, the store will be open during these hours: Monday to Thursday, 9 am to 7 pm, Friday, 9 am to 4:30 pm. Until then, hours will be 9 am - 4:30 pm, Monday to Friday.

Day care centre

*Jane Cripts, supervisor
College of Education*

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

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

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

General interest courses

Introduction

These general interest courses are open to everyone. Designed for personal enrichment and enjoyment, they require no previous experience or academic record. There are no prerequisites, unless specified in the course descriptions. The programs do not carry 'credit'; they do not lead to certificates, diplomas or degrees. Instead, they represent an opportunity for those interested in systematic study to do organized reading and writing, and to exchange ideas with instructors and fellow students. Your own interest is all that is needed to ensure success in a course.

Part Time Programs office

The Part Time Programs department is responsible for the planning and development of part time degree studies and the increasingly-popular general interest courses. The office of Part Time Programs is located in room 264 of the Thistle corridor; office hours are 8:30 am to 4:30 pm, Monday through Friday (closed from 12 to 1 pm). Telephone 684-7201, ext. 249.

Registration (interest courses only)

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

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

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

For the public's convenience, there will be a special registration period at the Part Time Programs office: Wednesday, September 23 and Thursday, September 24, 8:30 am to 8:30 pm, and Saturday, September 26 from 10 am to noon.

Fee refunds

Fees are refundable in full only when a course is cancelled. Refunds for other reasons must be requested in *writing* and received in the office of Part Time Programs prior to the second lecture of the course. All requests for refunds must be accompanied by the receipt. A \$5 administrative charge for handling will be deducted. Non-attendance at classes does not constitute official withdrawal.

Special fees for older adults

Residents of the Niagara region who are 60 years of age or older may purchase an annual membership for a fee of \$25. This fee, covering the period September 1, 1981 to August 31, 1982, would entitle older adults to the following:

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

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

Description of courses

GEN-02-101 Reading Poetry

This course deals with how to read and understand poetry, featuring specimen readings in English, American and Canadian poetry of various periods. Specific attention will be paid to modern poetry. Students will

learn how to tell a poem from a non-poem; what's in a Shakespearean sonnet; and how various sensibilities - rationalist, romantic and modern - have been expressed in poetry. For the uninitiated, the course will offer an introduction to reading poetry; for those who already indulge, a sharpening of sensitivity; for those who dabble in writing, a development of your powers of self-criticism.

Required reading: *A Concise Treasury of Great Poems*, ed. Untermeyer. (Pocket Books)

Prof. G. Coggins, English

6 Mondays

7-9 pm

October 5 - November 16, 1981

Fee: \$30

GEN-05-101

Topics on Nutrition

This is primarily a discussion course in which the relationship of various components to specific health and behavioral problems will be investigated. The topics to be examined include weight control, diabetes, heart disease, hypertension, cancer, hyperactivity in children, and food for sport. One topic will be presented each week in a one hour lecture and will be completed during a one and one-half hour discussion period the following week. In preparation for each discussion period, participants in the course will be encouraged to read an article selected from an extensive reading list. This course will appeal to homemakers, teachers, and all those concerned with their own well-being.

Prof. D. J. Ursino, Biology

6 Tuesdays

7 - 9:30 pm

October 6 - November 10, 1981

Fee: \$30

GEN-08-105

The Niagara Region: Past, Present and Future

The course will emphasize the various physical, social, economic and political forces which have shaped the environment we see about us today. Topics include agriculture, industry and commerce, tourism, transportation, rural and urban development, and planning and environment issues. Discussion will focus on historical development, the present-day situation (including the region's advantages and problems). Future prospects and the roles that need to be played by government, business, community groups, professions and area residents in order to promote the area and solve present-day pro-

General interest courses

blems. The course will appeal to people who want a fuller appreciation of the area in which they live, residents who are new to the area and people whose work involves the various topics above.

Prof. H. Gayler, Geography

6 Wednesdays

7-10 pm

October 7 - November 11, 1981

Fee: \$30

GEN-08-106

Urban Form and Quality: The European City

Urban character as expressed in buildings and through the use of space has varied considerably through time, with attitudes and forms from the past surviving to the present. This course will introduce the variety of urban forms that exist, including Ancient, Classical, Medieval, Renaissance, Industrial and Modern Cities. Presentation will be visual, using colour slides. A Spring course on the form and quality of the Canadian City may be offered. Student contributions will be welcomed. Examples will be taken from Greece, Italy, Spain, France, Britain, Holland, Germany and Scandinavia.

Reading list to be provided. "*History of Urban Form*", A.E.J. Morris, Halsted recommended.

Prof. J. Jackson, Geography

8 Thursdays

7-10 pm

October 8 - November 26, 1981

Fee: \$30

GEN-08-107

Urban Form and Quality: The Canadian City

The Canadian city is too often maligned as dull and uninteresting. Reality is that many variations of form, character and urban space exist both historically and regionally. Various examples and types of the Canadian urban situation will be examined visually using colour slides. Student contributions will be welcomed. The chronological sequence of urban evolution, beginning with the Maritimes and French settlement, moving to Ontario, then to the Prairies and the West, concluding with some modern approaches to urban renewal and urban improvement.

Reading list to be provided.

Prof. J. Jackson, Geography

8 Thursdays

7-10 pm

January 7 - February 25, 1982

Fee: \$30

GEN-10-106

Conversational Modern Greek

An introduction to the basic conversational elements of Modern Greek designed to enable students to carry on a simple conversation and to use a phrase book. Course topics will include pronunciation, the Greek alphabet, basic sentence patterns, everyday conversations, an outline of Modern Greek grammar. Students will gain the ability to carry on a simple conversation in Modern Greek and to acquire a basic knowledge of the alphabet, pronunciation, and grammar of Modern Greek, the language which is the direct descendent of Classical and New Testament Greek.

Required reading: "*Vest Pocket Modern Greek*", George C. Pappageotes and Philip D. Emmanuel, Barnes and Noble, \$3.00.

Prof. F. Casler, Classics

6 Mondays

7-9 pm

October 5 - November 16, 1981

Fee: \$30

GEN-16-101

BASIC Computer Programming

The course will introduce the student to basic techniques of computer programming with applications on the Wang 2200, Apple 2+, Commodore PET, TRS-80-2, and Burroughs B6700 computers in the BASIC language. Course topics will include: getting started; branching; looping; lists and tables; functions and subroutines; a look at microcomputing systems. The course will give the student a working knowledge of a simple, but practical computing language. The scope and limitations of the language will be stressed. The course will appeal to teachers, industrialists, high school students, technicians, home computer buffs, etc.

Required reading: *Programming with BASIC*, B.S. Gottfried (Schaum's Outline Series).

Prof. R.R. Hiatt and Ms. H. Gordon, Chemistry

6 Wednesday or 6 Thursdays

(The course will be offered twice. Please indicate preferred night when registering.)

7-9 pm

September 30 - November 4, 1981

(Wednesday)

October 1 - November 5, 1981 (Thursday)

Fee: \$30

GEN-16-104

Intermediate BASIC Programming

The course is a continuation of BASIC computer programming. More advanced topics are covered, including functions, subroutines, and program and data files. Students will be encouraged to write programs and implement them on the University computer using CRTs. Examples will be chosen with the students' interests in mind. Course topics will include: review of basic BASIC; subroutines, functions and matrices; program and data files; practical work will centre on major example problems. The course will give higher level experience with the BASIC language, particularly with subroutines, functions and file handling. It will appeal to teachers, industrialists, high school students, technicians, home computer buffs, etc.

Required reading: *Programming with BASIC*, B.S. Gottfried (Schaum's Outline Series). Students will require programming experience with BASIC or FORTRAN, or completion of the course on BASIC computer programming (GEN-16-101).

Prof. R.R. Hiatt and Ms. H. Gordon, Chemistry

6 Wednesdays or 6 Thursdays

(The course will be offered twice. Please indicate preferred night when registering.)

7-9 pm

November 11 - December 16, 1981

(Wednesday)

November 12 - December 17, 1981

(Thursday)

Fee: \$30

GEN-18-103

"What's Your Racket?"

Tennis/Squash/Badminton/Racquetball

Students will have the opportunity to receive instruction in all four racquet sports. This is a course designed for all levels and abilities. It includes a comprehensive instruction program in four racquet sports (tennis/squash/badminton/racquetball) for beginners to advanced levels. Emphasis is on small group and personalized instruction. Each person will experience all four racquet sports and improve performance in skills and knowledge; understand the importance of the principles of body and space awareness as applied to each of the racquet games; learn the rules, playing etiquette and playing skills and strategies which are basic to each game; meet and play with other people in the class regardless of playing skills or abilities.

General interest courses

Prof. D. Staniford, School of Physical Education.

V. Wilcox

6 Saturdays

8-11 am

October 3, 24, 31, November 7, 14, 28, 1981

Fee: \$60 (includes use of shower facilities and court fees)

NOTE: A limited number of racquets will be available.

Registration will be limited.

GEN-18-106

Family Fun and Fitness

The alternative to 'dropping the kid off at the hockey rink'. A comprehensive recreational program for the whole family to play together. An opportunity for families to take part in gym, swim and racquet activities. Parents' attendance at all sessions is required. Includes three special educational lectures for parents plus two hours of family activity per week for eight weeks.

Dr. D. J. Staniford, Recreation and Leisure Studies

Mrs. V. Wilcox

Mr. H. Walker

Lectures (parents only):

Thursday, October 15, 1981 (Orientation)
-7-10 pm

Thursday, October 22, 1981 - 7-10 pm

Thursday, December 3, 1981 - 7-10 pm

Recreational Activity (Parents and Children):

8 Sundays - October 18 - December 6, 1981.

Choose Either:

Session A - 9:30 - 11:30 am

(gym, pool and courts)

or:

Session B - 11:00 am - 1 pm

(gym, pool and courts)

Fee: \$60 per family

Enrolment in each session will be limited.

GEN-18-107

Women's Recreation and Fitness

A chance for today's woman to improve on her personal fitness level towards maintaining an active lifestyle. Includes seminar on personalized recreation and leisure and a physical activity class. Physical activity suitable for all ages and abilities, emphasis on fun, exercises to music and selected recreational activities. Seminar plus activity session.

Dr. D.J. Staniford, Co-ordinator of Recreation and Leisure Studies

Ms. Charlotte Sutcliffe

10 Mondays

7-9:30 pm

January 11 - March 22, 1982.

Fee: \$60 (includes use of changerooms)

Enrolment will be limited.

GEN-19-105

An Introduction to Nuclear Energy

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

B. Murphy

8 Wednesdays plus a Saturday field trip

7-9 pm

September 30 - November 18, 1981 (field trip - November 21)

Fee: \$30

GEN-19-106

Prospecting for Amateurs

The course is open to anyone interested in prospecting. It will cover government regulations pertaining to prospecting, staking a claim and filing a claim and basic mining law. Instruction will be given in identification of valuable minerals and tips of where to prospect for gold, uranium and base metals. Course topics will include: the prospectors licence; basic mining law; claims maps, claim staking, assessment work requirements and filing with mining recorder, selling claims; workshop; identification of precious and base-metal minerals by simple field techniques. The course is designed to acquaint the general public with the art of prospecting from the point of view of profit and fun.

Prof. S.J. Haynes, Geological Sciences

8 Mondays

7-10 pm

October 5 - November 30, 1981

Fee: \$30

GEN-22-102

Biofeedback and Stress

Biofeedback is a process in which a person learns to become aware of and influence physiological responses ranging from certain brain waves (EEG) to levels of activity in certain muscles (EMG) to the rate at which the heart beats. The course includes theoretical and practical instruction and individual experience with biofeedback instruments. Course topics will include: brief historical and theoretical overview of biofeedback and stress; cardiovascular system and hypertension; muscular responses; electroencephalogram - alpha, theta waves from the brain; self-regulation - relaxation and stress. The course will provide a new perspective on health; practical applications of biofeedback; individual experience with biofeedback; self-regulation of stress.

Required reading: "A Biofeedback Primer", 1978, E. B. Blanchard and L. H. Epstein, Addison-Wesley Series. Enrolment will be limited.

Dr. P. Tyson, Psychology

8 Tuesdays

7-10 pm

January 5 - March 2, 1982

Fee: \$50

GEN-31-101

Introduction to Electronic Music

This course will emphasize the basic skills involved in producing electronic music, and provide a broad overview of its development since 1945. Students will work both independently and in group projects on the following topics: initial sound recording, frequency modulation, tape editing, tape loops, location modulation and sound-on-sound (multi-channel mixing), musique concrete (collage). The course will prove valuable to teachers, musicians interested in basic recording techniques and to artists involved in multi-media, sound sculpture, film and theatre arts. The final project will be an electronic composition and/or a multi-media work involving the discipline from which the student comes e.g. dance, film, theatre, instrumental or vocal music and visual arts (including photography, i.e. slide presentation with electronic sound). In addition to course fee, each student should be prepared to spend \$20-\$25 on tape and reels.

General interest courses

Required reading: *"The New World of Electronic Music"*, Walter Sear, Alfred Publishing Company, 1972, approximately \$5.00 Canadian.

*Prof. R. Tremain, Music
B. Roberts*

8 Mondays
6:30-9:30 pm
October 5 - November 30, 1981
Fee: \$30

GEN-31-102

In The Beginning . . . (Rhythm in Music)

Rhythm is the most powerful and organic of all musical elements. Pattern, framework, gesture, motion, tension and relaxation, ebb and flow - all are impelled by rhythm. Rhythm may define foreground and background, create symmetry and asymmetry, temporal order and organic form. By focusing in turn on six different aspects of rhythm, this course aims to guide the listener towards a more sensitive perception of pattern, texture and design in music. Illustrations will include examples drawn from both Western and Non-Western musical cultures.

Prof. R. Tremain, Music

6 Tuesdays
7-9 pm
October 6 - November 10, 1981
Fee: \$30

GEN-31-103

Old Instruments in New Hands

Old instruments in new hands - recorders, krumphorns, viols, sackbuts - have you ever wanted to delve into the fun that the lords and ladies of the Renaissance experienced? If so, this is your opportunity to learn to play one of these instruments in convivial surroundings. Whether you are beginner, intermediate or advanced in musical terms matters little - all levels will be traversed. Instruments supplied by the Department of Music. No texts required. Occasional purchase of reeds and/or strings.

Darlene Jussila

8 Wednesdays
7:30-9:30 pm
October 7 - November 25, 1981
Fee: \$50

GEN-32-100

Small business seminar

How to get money for your business. How to plan your business, and how to manage it for

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

Prof. K. Blawatt, Administrative Studies

5 Saturdays
9 am - 1 pm
October 3 - November 7, 1981
Fee: \$80
Coffee will be provided; registration will be limited.

GEN-32-101

Personal Income Tax Preparation

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

R. Nori, Administrative Studies

6 Saturdays
9 am - 12 noon
October 3 - November 14, 1981
Fee: \$30

GEN-92-102

It's your money

This is a self-defense course for consumers, designed to help people make the most of their money when they go into the marketplace. The areas of concentration will include: getting and staying out of debt; how to borrow money; consumer credit and the law; basic investments; how to shop for less; how to complain successfully; how to choose life insurance; how to buy a car. The course will appeal to all adults.

Recommended reading: *Personal Finance for Canadians*, Kathleen Brown, Prentice Hall Canada, Inc.

Mr. W. Wright

8 Mondays
7:30 - 9:30 pm
October 5 - November 30
Fee: \$30

GEN-92-104

Wine appreciation

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

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

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

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

Dr. Angus Adams (well acquainted with the Ontario wine industry, Dr. Adams has extensive experience in grape and wine research. He is a member of the Ontario Wine Standards Council.)

8 Mondays
7-9 pm, lecture
9-10 pm, tasting session
October 5 - November 30, 1981
Fee: \$75 (includes weekly wine tasting sessions) A winery tour will be held, December 7, 1981
Registration will be limited.

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

General interest courses

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. This training is clearly of special value to students or teachers in the humanities and the social sciences.

Mrs. R. Reed and Mrs. E. Mayer
9 weeks, Monday and Wednesday
5-7 pm
October 5 - December 9, 1981
Fee: \$45

GEN-92-110

Understanding the stock market

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

Mr. R. Elliott (a stockbroker and manager of an investment firm in St. Catharines)

6 Tuesdays
7-9 pm
October 6 - November 10, 1981
Fee: \$30
Registration will be limited

GEN-92-111

Family law

The course will provide an overview of various aspects of family law, provincial and federal. It will focus on the rights and obligations which flow from the family unit as constituted in our society. The approach is to deal with practical, as opposed to theoretical,

solutions to family law problems. Sample documents and applications are provided to the class members and questions which arise from these are dealt with in class. Course topics will include: what to look for in a lawyer when dealing with family law problems; non-legal community resources; common-law relationships; paternity suits; support obligations; property division; divorce proceedings; custody and access of children; domestic contracts (including marriage contracts, cohabitation agreements and separation agreements).

Ms. S. M. Wiesner (a local barrister and solicitor)

6 Mondays
7-10 pm
October 5 - November 16, 1981
Fee: \$30

GEN-92-112

The art of winemaking: a practical workshop

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

P. Bosc, master vintner (Mr. Bosc has extensive experience in the wine industries of Algeria and France, and is presently owner/manager of a small winery in St. David's, Ontario).

Saturday, August 29 and Sunday, August 30, 1981
9 am - 4 pm each day
Fee: \$50

GEN-92-115

Let's get you published!

An advanced workshop for people who are serious about writing fiction, nonfiction, scripts or poetry. Considerable emphasis on the realities and an avowed intention of steering each writer into a course of self-learning that's tailored to his or her specific area of interest. In-between-sessions contact with the instructor for advice, manuscript evaluation, etc. will be provided. The aim is to point each writer in a direction that will, in time, see everything he or she writes appear in print. The key lies in a proper recognition of why the professional writer gets published all the

time: that it isn't the doing, but the KNOWING what to do. How good a writer are you now; how much better could you become? What else do you need to know about your craft and the market for your particular kind of writing; where is this knowledge and how do you obtain it? What DOES an editor do; how can you become your own best editor, as you must to achieve optimum success? Where IS the market for your work; how DO you get your due share of it? The course will appeal to writers who may not have anything to show for their efforts but do have a specific project (e.g. a novel or a play) or a decided kind of writing (e.g. human-interest stories or greeting-card verse) in mind; writers who are already published in a particular segment of the market but want to be in print more often or in other places.

Mr. D. S. Pollock (a local freelance writer)

4 Saturdays
9 am - 4 pm
October 3, 24; November 14; December 5, 1981
Fee: \$60 (includes coffee each day)
Registration will be limited.

GEN-92-117

Body/mind health management

In this workshop we will be exploring the mind/body relationship using the latest techniques in holistic health, human potential and physical fitness fields. Some of the topics to be covered include: how to participate actively in your own "wellness"; practical stress management; optimal fitness, diet and nutrition; time management; relaxation and creative visualization. This is an experiential workshop where participants will be expected to participate in some low-level fitness activity. Loose, comfortable clothes should be worn. This course is designed for any age level. By the end of the course each participant can expect to have a personal prescription to develop a high-energy level and achieve optimal performance in his or her life.

Ms. S. Paterson

6 Wednesdays
7:30 - 9:30 pm
October 7 - November 11, 1981
Fee: \$30

GEN-92-118

The economical food and heat producing solar greenhouse

Conventional greenhouses can be expensive to purchase and often cost in excess of \$1.00 per square foot yearly to heat. Appropriate

General interest courses

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

Joe Umanetz (He has had extensive practical experience in working with solar energy. He farms, teaches and enjoys solar, wind and greenhouse energy in Grey County).

Saturday and Sunday

9 am - 4 pm

October 17 and 18, 1981

Fee: \$50 (includes coffee each day)

Registration will be limited.

GEN-92-121

Dance and Its Relationship With Music - Phase I

This course will give the students a thorough basic knowledge of the elements of Classical Ballet and Music (stressing their interrelationship) and the ensuing physical benefits associated with a Classical Ballet training.

Course topics include: 1) **Ballet Portion:** centreing; movement; basic ballet incorporating Barre and Centre work; quality of movement is the principle of the course; 2) **Music Portion:** the study and practical application of rhythm - including simple and compound time, syncopation and tempi; melody - including phrasing, rubato, dynamics; texture, tone, colour; basic musical forms, e.g. binary, ternary, rondo, fugue, and theme and variations, numerous references will be made to style and periods of music from baroque to present. Minimum age 15 years.

Recommended reading: "*What To Listen For In Music*" Aaron Copeland, Mentor, \$1.95, and "*Elements of Classical Ballet Technique*", Karel Shook, Dance Horizons, \$8-10 approximately. Enrolment will be limited.

Dance Portion - Mascha Stom

Former Prima Ballerina,

Dutch National Ballet

Music Portion - Margaret Gibbs

*Assistant Professor of Music
Dance Department, York University*

8 Saturdays

2-4:30 pm

October 3 - November 28, 1981

Fee: \$60

GEN-92-122

Dance and Its Relationship With Music - Phase II

This course incorporates all the principles of Phase I, but at an advanced level. It includes: classical ballet class - music theory combined with dance technique; centreing; movement; basic ballet incorporating barre and centre work; quality of movement is the principle of the course. Minimum age 15 years.

Recommended reading: "*What To Listen For In Music*", Aaron Copeland, Mentor, \$1.95, and "*Elements of Classical Ballet Technique*", Karel Shook, Dance Horizons, \$8-10 approximately. Enrolment will be limited.

Dance Portion - Mascha Stom

Former Prima Ballerina,

Dutch National Ballet

Music Portion - Margaret Gibbs

Assistant Professor of Music

Dance Department, York University

8 Thursdays

7-9 pm

October 1 - November 19, 1981

Fee: \$60

GEN-92-123

Drawing

The student will gain a basic understanding of what a good drawing is, how it is done and why it is so important to gain skills in drawing before proceeding to painting. Course topics will include: learning the proper use of materials; sketching; shading; lighting, perspective; the finished drawing.

Ken Penner

8 Thursdays

7-10 pm

October 8 - November 26, 1981

Fee: \$50 (materials extra - equipment list discussed at first meeting)

GEN-92-124

Portrait Drawing

Drawing with the human face as subject. Topics will include basic physical structure (anatomy, physiology, bone structure and muscle formation) and expression of the human head. The first half of the course will include the use of various drawing materials;

the second half will include the use of oil paints.

Ken Penner

8 Thursdays

7-10 pm

January 7 - March 4, 1982

Fee: \$50 (materials extra - equipment list discussed at first meeting)

GEN-92-125

Finger-Tip Math Symposium

Finger-tip math is a supplemental math tool employing a multi-sensorial form based on finger calculation in order to develop abstract mathematical abilities and the ability to communicate in the language of mathematics. Skill in the technique is worthwhile because of the ease, convenience and accuracy with which it can be applied. Its use as a pedagogic and remedial device is much more significant, however. This course follows a workshop/lecture approach. It teaches the philosophy of finger-tip math and the basic techniques for performing each mathematical function. The development of the counting system is followed by the study of the addition, multiplication, algebra, division and subtraction systems. There is also a brief look at the negative integers technique. Therapeutic application of finger-tip math in hospitals, clinics, and special education classrooms is considered. This workshop is designed to enable students to develop performance proficiency independently. It is of special interest to parents, educators and therapists.

Susan Silverberg

Saturday

10 am - 4 pm

October 3, 1981

Fee: \$40 (includes text)

GEN-92-126

Re-Entry Mathematics

For those who are entering/planning to enter University, but whose mathematics background is weak. The major focus of this eight week program is to teach basic mathematical skills which are needed for entry into university credit courses in statistics (e.g. in Psychology) and those math courses required for non-math majors (e.g. majors in Geography, Urban and Environmental Studies, Business Administration). The format of the program differs from that of the traditional math classroom. The environment is informal and highly supportive and instructional methods are chosen to reduce anxiety about math. While the specific topics will de-

General interest courses

pend on student needs, probable areas include fractions, percents and decimals, basic algebra, statistical symbols, and using a calculator.

Linda Gordon, Mathematics Instructor
Joan McCurdy, Counselling Centre

8 Tuesdays

6-9 pm

September 15 - November 3, 1981

Fee: \$50 (includes materials)

Enrolment will be limited.

GEN-92-127

Communication - Non-Credit Course

The objectives of this course are to practice and sharpen the skill of communication; to teach students not only to listen more closely to the words, but to be attuned to the meaning and feelings behind the words of the person the must work with, to get the work done effectively and with satisfaction. It also considers listening and communicating in contexts such as interviewing, helping, coaching, selling and the exercise of leadership or influence. This course will be run in a workshop format rather than a lecture series. Students will be expected to actively participate in exploring effective communication styles.

Topics will include: the importance of interpersonal skills; communication with and without words; interpersonal perception and the communication process; sources of misunderstanding; understanding another person's behaviour; helping another person understand his behaviour; helpful styles of listening and responding; organizational relations and interpersonal skill.

Note: This course will count for Institute of Canadian Bankers (ICB) and Trust Companies Institute (TCI) credit. No credit will be given toward a Brock University degree.

Dr. David Jordan

13 Tuesdays

7-10 pm

September 15 - December 8

and Saturday, September 19 - 9 am - 4 pm
Fee: \$150 (includes lunch for Saturday workshop)

Students will need to purchase a text and printed materials.

Registration will be limited to 20 people.

Registration deadline: Friday, September 11, 1981.

GEN-92-128

"QUALITY CIRCLES": The Application of Japanese Management Techniques to Canadian Industry

The "Quality Circle" approach to management is given a large measure of credit for Japan's industrial success. This program will help participants to understand the reasons for this success and work out strategies for adapting this system to the Canadian environment. The Quality Circle technique creates worker involvement by using foremen or other senior workers as team leaders to study problems of quality, safety, productivity or morale, and implement solutions. Topics covered include:

- History of the Quality Circle movement in Japan
- The Quality Circle system today
- Quality Circles to develop leadership and improve morale
- Quality Circles in North America: successes and failures
- How to implement the techniques of Quality Circles.

Sessions will encourage involvement from participants.

Norm Horofker, P.Eng.

4 Thursdays, 7 pm to 10 pm

October 8, 15, 22, 29

Fee: \$50

Planning your retirement

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

If you are thinking of retiring, now is the time to start thinking of the many changes that will take place in your lifestyle. We recommend that you begin planning at least five years before retiring. Our resource people, all well-qualified, provide information and advice on such matters as:

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

We recommend that both wife and husband attend.

Course details

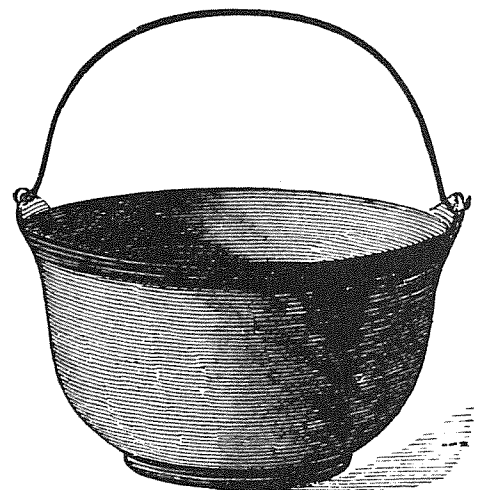
When: Separate courses will be held on Tuesday or Thursday evenings for nine sessions, each two hours long. The fall courses begin Tuesday, September 22 and Thursday, September 24, 1981. The winter 1981 courses begin Tuesday, March 2 and Thursday, March 4, 1982.

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

Fees: \$20 single, \$25 couple. Please make cheques payable to the Regional Niagara Pre-Retirement Council.

How to apply: You may apply in person or by letter to the Part Time Programs office, Thistle 264, Brock University, St. Catharines, Ontario L2S 3A1. We require your name (and spouse's name), address (including postal code), telephone number, and preferred evening for the course.

For more information: Contact the Part Time Programs office, (416) 684-7201, ext. 249.



Brock Aquatic Centre Swimming Programs

Brock-Niagara Aquatic Program

Specialized program:

Competitive swimming:

A four level program in a swim club setting catering to the Niagara region coached by three National and International class coaches and their assistants. Participants include provincial finalists as well as national and Olympic team members and coaches.

Diving:

Both competitive and instructional programs will be offered based on the four level Canadian Amateur Diving Association curriculum. Instruction will be given by a certified diving instructor.

Synchronized swimming:

A Canadian amateur synchronized swimming star level recreation program is available, instructed by a nationally certified instructor. More interested and dedicated participants will be encouraged to enter local and regional competitions at a recreational level.

Water Polo:

Instruction in water polo technique is available with emphasis on fundamental skill development. Game situations will be provided when the participation level warrants. The preceding is available to adults and youths.

Instructional program:

Instruction will be offered based on proven Learn to Swim and Skill acquisition programs, using Brock's variable depth feature.

Brock-Niagara learn to swim

Learn to swim skills are taught using the progressive continuum principle. Candidates are accelerated from one level to the next until they are ready to participate in an agency program.

Emphasis is on the non-swimmer and those who are timid in the water. Awards are achievable in the agency programs that follow.

Course material includes:

- water and pool orientation
- water acclimitization
- breathing technique
- buoyancy (front and back)

- propulsion (front and back)
- change of direction
- introduction to stroke mechanics

Swim Canada

Canadian Amateur Swimming Association skill acquisition programs.

- Skill Development

This program is concerned with skill acquisition in the four fundamental strokes; freestyle (front crawl), backstroke, breaststroke, and butterfly.

Achievement is recognized through a series of awards:

- participation
(bronze, silver, gold)
- challenge award
- merit

Candidates should have basic skills before enrolling.

Available to both adults and children.

Red Cross water safety

Water safety skills will be developed through the Red Cross water safety progression.

Levels 4 - 8 and

Instructor Level I will be offered.

Achievement is recognized through awards for the above.

Available to both adults and children.

Royal Lifesaving Society

Lifesaving skill and technique instruction will be available to children, teens and adults.

Courses will be offered in the following progression:

- Level I - III
- Junior and Senior Artificial Respiration
- Bronze
- Bronze Cross
- Award of Merit

Higher level RLSS courses will be scheduled in specific blocks throughout the season.

These include:

- National Lifeguard Training
- Distinction
- Diploma

Adult fitness

An opportunity to achieve improved fitness levels through swimming. Advice is offered on how to measure your fitness level and what to do to improve it. Both a progressive series of monthly swims and an all accumulative swim program is available. Assistance given by aquatic staff during adult recreational swims.

Adapted aquatics

One of the unique features of the Brock Aquatic Centre is the moveable bottom, which can be adjusted from zero to four feet in depth. Access to the platform will be made easy by the use of ramps and wheelchairs can find easy access to the pool.

Instructional and recreational programs will be offered to both children and adults that need to use this special feature.

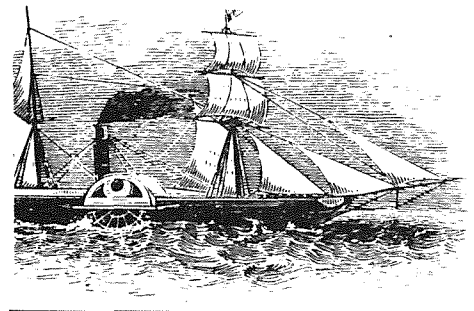
Recreational swims

Specific times are set aside daily for university and community recreational swims. In addition, any time that is not specifically scheduled will be available for selected university recreational swims. This information will be posted on the appropriate notice boards weekly.

Rental

The Brock Aquatic Centre is available for rental by individuals or groups for special events. Bookings may be made by telephoning the Aquatic Centre.

For further information: Please telephone the Aquatics Manager, Herb deBray at 684-7201, ext. 387.



Certificate programs

Certificate programs

For persons wishing to acquire specialized knowledge without proceeding immediately to a degree, the University has established certificate programs in administrative studies, computer science and information processing and urban and environmental studies. Since the programs are composed of degree credit courses, admission requirements are the same as for degree programs. Details appear in the relevant departmental entries of the calendar.

Professional certificate courses

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

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

Certificates requiring application to Brock University and to the professional association

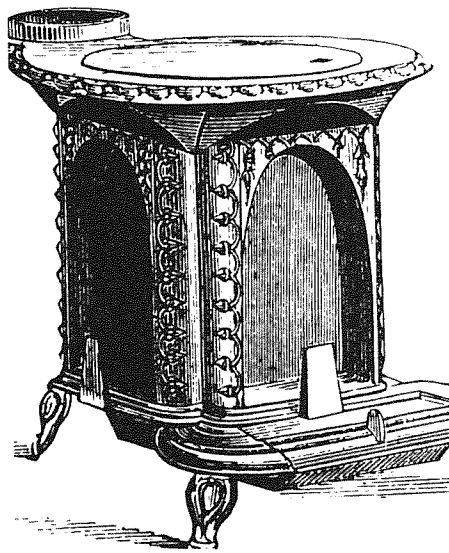
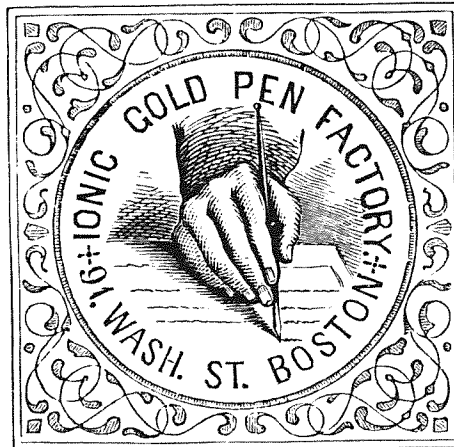
Appraisal Institute of Canada
Canadian Resident Appraiser (CRA)
Accredited Appraiser of the Canadian
Institute (AACI)
Institute of Chartered Accountants of
Ontario (CA)
Fellows Program of the Canadian Credit
Union Institute (FCCUI)
Institute of Certified Administrative
Managers of Ontario (CAM)
Fellows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

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

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

Fellows Program of the Real Estate
Institute (FRI)
Program of the Association of Certified
General Accountants (CGA)
Program of the Canadian Institute of
Management (CIM)

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



Degree credit course offerings

Part time studies at Brock

This section introduces you to the degree credit courses offered to students during our spring evening, summer day, and winter evening sessions. Through these sessions, the University provides persons who are unable to attend university full time during the day with an opportunity to resume or continue their studies. But we also wish to point out to those who are able to attend during the regular day session that you may do so on either a part time or full time basis. The regular session opens up a whole new spectrum of courses which it is not possible to offer during the evening or summer sessions.

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

Admissions

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

Mature students

Applicants who have been out of school for at least two years may be admitted as mature students. Such applicants will be considered by the Senate committee on admissions on an individual basis and may be required to attend an interview or write an aptitude and achievement test.

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

Special admission to undergraduate studies

A special student is one not proceeding 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 a certificate; or
- (c) persons from another university taking courses on a letter of permission.

Special students who successfully complete a minimum of two full courses, or the equivalent, may apply for admission as degree or certificate candidates. Such applications will be considered by the Senate committee on admissions on an individual basis, and degree or certificate credit may be given for work done.

Senior citizens (age 60)

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

Applications for admission should be made in the normal manner.

Registration dates

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

Surname Time

A - C 3:30 - 4:00 PM
D - G 4:00 - 4:30 PM
H - L 4:30 - 5:00 PM

Day

Wednesday,
Sept. 9
(for courses
offered Mon.
or Wed.)

M - P	5:00 - 5:30 PM	Thursday,
Q - S	5:00 - 5:30 PM	Sept. 10
T - Z	6:00 - 6:30 PM	(for courses offered Tues. or Thurs.)

Classes begin

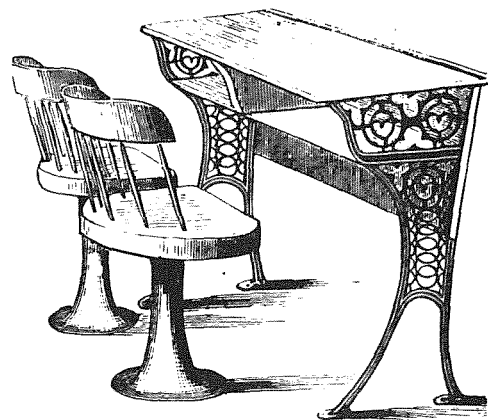
Winter day and evening classes begin Wednesday, September 9.

Fees

Fee per full course, \$198
Fee per half course, \$99
Late registration fee, \$10
(chargeable to any student who registers after the official registration day)

For further information

Contact the Registrar's office,
Brock University,
St. Catharines, Ontario L2S 3A1.
(416) 684-7201, ext 434.



1981/1982 Winter evening course offerings

Legend

tba	instructor to be announced
tbs	to be scheduled; see department
hc	half course
a	half course, first half of session: September 9 to December 8
b	half course, second half of session: January 4 to April 8
full course	offered during entire session: September 9 to April 8

December 9 to 22

Mid-year (progress) exams for courses numbered 100-199. Final exams for fall term half courses.

April 12 to April 24

Final exams

Note:

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

The above dates are subject to change. Please check the academic timetable published before each session.

Administrative Studies

ADMI 191a

Introduction to business
(formerly part of ADMI 190)

This course introduces the student to the basic concepts of organization and the constraints imposed by government. It covers the historical background in the development of management thought followed by the forms and functions of the enterprise, including the role of accounting, finance, marketing, and production departments.

(Not open to students with ADMI 190 credit.)

Lectures, seminar, 3 hours per week.

Edds / Wed 7-10

ADMI 192b

Introduction to management
(formerly part of ADMI 190)

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: ADMI 191hc or permission of instructor.

(Not open to students with ADMI 190 credit.)

Lectures, seminar, 3 hours per week.

Edds / Wed 7-10

ADMI 194a

Computing for managers
(also listed as COSC 194hc)

An 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 math credit.

Lectures, 3 hours per week.

Cohen / Thurs 7-10

ADMI 240a

Commercial law
(formerly part of ADMI 310 and POLI 230)

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

Lectures, 3 hours per week.

Peltomaa / Wed 7-10

ADMI 240b

Commercial law
(formerly part of ADMI 310 and POLI 230)

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

Lectures, 3 hours per week.

McGarvie / Wed 7-10

ADMI 253a

Introduction to financial accounting
(formerly ADMI 251hc)

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 ADMI 250 or 251hc credit.)

Lectures, tutorial, 3 hours per week.

Welch / Tues 7-10

Hanrahan / Mon 7-10

Siegel / Mon 7-10

ADMI 253b

Introduction to financial accounting
(formerly ADMI 251hc)

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 ADMI 250 or 251hc credit.)

Lectures, tutorial, 3 hours per week.

Hanrahan / Mon 7-10

ADMI 254b

Management accounting I
(formerly ADMI 252hc)

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

Prerequisite: ADMI 251hc or 253hc.

(Not open to students with ADMI 250 or 252hc credit.)

Lectures, tutorial 3 hours per week.

Siegel / Mon 7-10

ADMI 322a

Basic marketing
(formerly part of ADMI 321)

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.

Lectures, seminar, 3 hours per week.

tba / Tues 7-10

ADMI 324b

Marketing management

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

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

Prerequisite: ADMI 322hc

tba / Tues 7-10

ADMI 330a

Production management
(formerly ADMI 261hc)

An introduction to the production process. Emphasis is placed on manufacturing as a system; the man-machine function in attain-

1981/82 Winter evening course offerings

ing productivity will be examined.
(Not open to students with ADMI 261hc credit.)

Lectures, seminars, case discussions 3 hours per week.

Perdue / Mon 7-10

ADMI 330b

Production management (formerly ADMI 261hc)

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

(Not open to students with ADMI 261hc credit.)

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

Perdue / Mon 7-10

ADMI 331b

Operations theory

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

Prerequisite: ADMI 330hc.

Lectures, seminar, 3 hours per week.

Perdue / Tues 7-10

ADMI 340a

Organizational theory

(also offered as 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 SOCI 296 credit.)

Lectures, 3 hours per week.

tba / Wed 7-10

or tba / Thurs 7-10

ADMI 341b

Organizational behavior

(also offered as 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: ADMI 340hc (SOCI 343hc).

(Not open to students with SOCI 296 credit.)

Lectures, 3 hours per week.

tba / Wed 7-10

or tba / Thurs 7-10

ADMI 353a

Introduction to external auditing (formerly part of ADMI 352)

Basic concepts of external auditing (public accounting) embracing the following topics: the role of public accounting; professional and legal responsibilities of auditors; audit evidence; audit program planning; sampling for audit evidence; diagnostic analysis; principles of internal control; evaluation of internal control (and audit reports).

Prerequisite: ADMI 250 or ADMI 253hc/254hc or ADMI 251hc/252hc and ADMI 350 which may be taken concurrently.

(Not open to students who have taken ADMI 352.)

Lectures, 3 hours per week.

Edds / Tues 7-10

ADMI 354b

Advanced auditing

(formerly part of ADMI 352)

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

Prerequisite: ADMI 353hc.

(Not open to students with ADMI 352 credit.)

Lectures, 3 hours per week.

Edds / Mon 7-10

ADMI 392a

Introduction to finance I

(formerly part of ADMI 391)

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: MATH 198hc, ADMI 253hc or 251hc.

(Not open to students with ADMI 391 credit.)

Lectures, seminar, 3 hours per week.

tba / Tues 7-10

ADMI 393b

Introduction to finance II

(formerly part of ADMI 391)

Drawing upon the material covered in 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: ADMI 392hc.

(Not open to students with ADMI 391 credit.)

Lectures, seminar, 3 hours per week.

tba / Tues 7-10

ADMI 404b

Investment analysis

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: ADMI 392hc/393hc or 391.

Wright / Thurs 7-10

ADMI 422b

Marketing research

The nature and scope of market research as a managerial tool. The course includes an examination of scientific method and research design, experimentation, sample selection, data collection, and research procedure. A field work assignment will be required.

Prerequisite: ADMI 322hc/342hc or ADMI 220 or 321.

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

Blawatt / Wed 6:30 - 9:30

ADMI 425a

Marketing policy

(formerly part of ADMI 424)

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.

1981/82 Winter evening course offerings

Prerequisites: ADMI 322hc/324hc or ADMI 220 or 321.

(Not open to students with ADMI 424 credit.)

Lectures, seminar, 3 hours per week.

Blawatt / Thurs 7-10

ADMI 426a

Sales management

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: ADMI 322hc/324hc or ADMI 220 or ADMI 321.

(Not open to students with ADMI 424 credit.)

Lectures, seminar, 3 hours per week.

Hansen / Tues 7-10

ADMI 426b

Sales management

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: ADMI 322hc/324hc or ADMI 220 or ADMI 321.

(Not open to students with ADMI 424 credit.)

Lectures, seminar, 3 hours per week.

Hansen / Tues 7-10

ADMI 427a

Marketing and society (formerly ADMI 323hc)

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.

Prerequisites: ADMI 322hc/324hc or ADMI 220 or 321.

(Not open to students with ADMI 323hc credit.)

Seminars, case discussions, 3 hours per week.

Rotenberg / Tues 6-9

ADMI 427b

Marketing and society (formerly ADMI 323hc)

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.

Prerequisites: ADMI 322hc/324hc or ADMI 220 or 321.

(Not open to students with ADMI 323hc credit.)

Seminars, case discussions, 3 hours per week.

tba / Mon 6-9

ADMI 428b

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: ADMI 322hc

Lectures, seminar, 3 hours per week.

tba / Tues 7-10

ADMI 440b

Administrative law

The focus of this course is on judicial control of administrative action, with particular reference to the review of administrative decisions affecting business and other organizations made by federal provincial public authorities in Canada.

Lectures, seminar, and cases, 3 hours per week.

Peltonma / Wed 7-10

ADMI 451a

Canadian Income Tax

Theories of taxation. Corporate and personal income tax computation, assessment, payment, and appeals; taxation of non-residents; tax conventions; tax provisions applying to special circumstances and causes; tax planning.

Prerequisite: ADMI 350.

Lectures, 3 hours per week.

Wray / Mon 7-10

ADMI 452b

Advanced accounting problems

Inter-corporate investment; basis of valuation, criteria for consolidation, preparation of consolidated statements; reporting events subsequent to balance sheet data and prospectuses; estate and trust accounting; bankruptcy, liquidation, and receivership.

Prerequisite: ADMI 350.

Lectures, 3 hours per week.

Nori / Tues 6-9

ADMI 453b

Advanced accounting theory

A seminar course designed to aid students in understanding the objectives and uses of financial accounting information, and the environment in which financial accounting operates. Topics include: accounting theory construction, objectives of external reporting, setting accounting standards, GAAP, current value accounting, the implications of efficient market research for accounting, the impact of accounting regulations and the positive theory of accounting.

Prerequisite: ADMI 350, ADMI 392hc/393hc or ADMI 391.

Seminars, 3 hours per week.

Felton / Thurs 7-10

ADMI 463a

Labor relations

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

Prerequisite: SOCI 296 or ADMI 340hc/341hc (SOCI 343hc/344hc)

Lectures, seminar, 3 hours per week.

tba / Tues 7-10

ADMI 468a

Leadership and supervision

Examination of leadership in formal organizations. Historical perspectives juxtaposed against contemporary trends. Analysis and evaluation of leadership traits, leadership styles, and current contingency approaches.

Prerequisites: SOCI 296 or ADMI 340hc/341hc (SOCI 343hc/344hc.)

Lectures, seminar, 3 hours per week.

Sales / Wed 6-9

1981/82 Winter evening course offerings

ADMI 472b

Legal issues in labor relations

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.

Lectures, seminar, 3 hours per week.

Werner / Thurs 7-10

Asian Studies

ASIA 102

Introduction to the civilizations of Asia (formerly EXST 102)

Basic aspects of the civilizations of India and China. The course is designed as a core for the student who might later be interested in pursuing more advanced work in Asian Studies, as well as for the student with only a general interest in oriental societies.

Lectures, 3 hours per week.

Sinha, et al / Tues 7-10

Biochemistry

BCHM 302b

Biochemistry of macromolecules

Protein structure and function; enzyme kinetics and mechanisms; multienzyme systems and metabolic control; bioenergetics, electron transport and oxidative phosphorylation.

Prerequisite: BIOL 201 or CHEM 290 or equivalent year 2 chemistry.

Lectures, seminars, 3 hours per week.

Labs to be announced.

Kwan / Wed 7-10

Biological Sciences

BIOL 190

Contemporary issues in biology

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

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

Prerequisite: grade 13 biology is not a prerequisite, grade 13 chemistry is recommended.

Note:

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

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

Morris, Rand, Rossant / Tues 7-10

BIOL 203

Principles of environmental biology

The course emphasizes biological processes at the population and community levels of biological organization. Patterns and diversity in natural systems are viewed in the context of species-specific adaptations and evolution, population group characteristics, single-species and mixed-species interactions, the growth and regulation of numbers, community structural organization, species diversity, and energy flow through ecosystems.

Prerequisite: BIOL 190.

Lectures, 2 hours per week; labs, 3 hours per week (first term only).

Dickman, Cade / Mon 7-9 and Sat 9-12

BIOL 295

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

An interdisciplinary course introducing important issues from the areas of biology and psychology which give rise to moral dilemmas and value conflicts. Topics to be considered include genetic responsibility; lifestyle diseases; abortion and euthanasia; the nature of moral development; behavior problems and their control through drugs or brain surgery; nuclear energy and the environment; population ethics. This course is appropriate for students with no previous courses in biology, psychology or philosophy. It may not be used as a major course in biology or biology combined major programs; it may serve as an elective for biology majors.

Prerequisite: permission of an instructor.

Lectures, seminar, 3 hours per week.

Nathan, Ursino, Glavin / Thurs 7-10

BIOL 322b

An introduction to tissue structure (formerly part of BIOL 324)

Microscopic anatomy and functional organization of epithelia, connective tissue, blood, nervous tissue and muscle.

Prerequisite: BIOL 201 or permission of instructor.

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

(Not open to students with BIOL 324 credit.)

Lewis / Tues 7-10

BIOL 327a

Molecular biology of development (formerly part of BIOL 326)

Cellular differentiation and differential gene expression. Constancy of the genome in development. Transcriptional and translational control of gene activity. X-inactivation. Hormones and development.

Prerequisite: BIOL 201.

Lectures, 3 hours per week; seminars, 2 hours alternate weeks.

(Not open to students with BIOL 326 credit.)

Rossant / Mon 7-10

BIOL 463b

Natural selection and social behavior

A seminar course emphasizing the application of natural selection theory to social behavior in animals, including humans. Selected topics vary yearly, but include the evolution of altruism, communication behavior, reproductive competition, mating preferences and sexual selection.

Prerequisite: BIOL 203 (360 recommended).

Seminars, 2 hours per week.

Cade / Tues 7-9

BIOL 474a

Microtechnique

The practical techniques used in light microscopy and an examination of the theoretical basis for the techniques. Topics considered will include various types of microscopy, microscope slide preparation, histochemistry and photomicrography.

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

Lewis / Mon 7-10

1981/82 Winter evening course offerings

Canadian Studies

CANA 290

Modern Canadian culture and intellectual history

Through twentieth century Canadian literature, painting and social documents, this course traces the dominant concerns which distinguish Canadian culture.

Lectures, seminar, 3 hours per week.

Burgess / Mon 7-10

Chemistry

CHEM 392a

Industrial chemistry I

Principles and practice of industrial chemistry and industrial chemical analysis. Lectures will include a survey of chemical industry and will concentrate on pollution control, plant design, corrosion, and similar topics. The laboratory will emphasize analytical methods that are widely used in industry. Tours of chemical plants and industrial laboratories will be an integral part of the course.

Prerequisite: CHEM 292hc, 293hc.

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

Smythe, Hartman, Miller / Tues 7-10 and Thurs 7-10

CHEM 412b

Chemical microscopy

The application of the polarizing microscope to chemical and industrial identification problems.

Prerequisite: CHEM 290hc and 292hc, or permission of the instructor.

Lectures, lab, 3 hours per week.

Beaudin / Tues 7-10 and Thurs 7-10

Child Studies

CHST 340

Observational research

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

jects in naturalistic settings.

tba / Tues 6-9

CHST 350

Focus on early childhood education

(offered as EDUC 350)

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

Prerequisites: PSYC 210, EDUC 301.

Lectures, seminar, classroom observation, 4 hours per week.

Laboratories as required.

tba / Wed 6-9

CHST 380a

Integrating the special child I

This course is intended for the professional teacher in the early childhood setting, and focuses upon the use and modification of curricula to accommodate the special child. Topics will include the following: diagnosis and assessment of learning handicaps; community resources for exceptional children; family group dynamics and home programming; and flexible program design.

Prerequisite: PSYC 300 or permission of the instructor.

Richardson / Thurs 6-9

CHST 381b

Integrating the special child II

Assessment/program tools; Denver Developmental Screening Test; Portage; general information regarding other programs to be provided, but emphasis on Portage. Individual program plans to include: task analysis, behavior management, speech and communication. Implementation and incorporation of the individual program plan: use of volunteers; necessary equipment; facilities and environment; incorporating skill teaching into routine.

Prerequisite: CHST 380hc.

Richardson / Thurs 6-9

Classics

CLAS 196

Greek and Roman myths and religions

Theories of mythology; major myths and their expression in ancient literature; the role of myth in Greek and Roman thought. Stages

of Greek and Roman religion, including the mysteries which influenced the early church fathers.

3 hours per week.

Booth / Mon 7-10

CLAS 291

Roman history

The history of Rome to the death of Marcus Aurelius (A.D. 180), with an emphasis on social and political developments from the Gracchi to Nero.

Prerequisites: CLAS 190 or 196.

3 hours per week.

Soady, Begg / Thurs 7-10

CLAS 298

Greek art and architecture

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

Prerequisites: CLAS 190 or 196.

3 hours per week.

Rupp / Mon 7-10

CLAS 350

Religion and society in the ancient world

The study of religion in the ancient Near East, Greece and Rome, with emphasis on the historical origins and development. Topics will include the relationship between ritual and belief; patterns of sacrifice, divination and fellowship; moral dictates and the afterlife; the social background of prophecy, gnosis, revelation and conversion.

Prerequisite: CLAS 190 or 196.

3 hours per week.

Robertson / Wed 7-10

CLAS 440

Provinces and frontiers of the Greco-Roman world

The impact of Greek and Roman culture on other ancient peoples, especially after Alexander and under the Roman Empire; with attention to Scythians, Iranians, Egypt and Judaea in the Hellenistic period; to Rome's provinces, including Gaul, Britain and North Africa; and to the barbarian invaders of the Late Empire. Topics will include the role of technology and science, military resources and strategy, imperial and local administration, education and social mobility, nationalism and sectarian religion, provincial art and architecture.

Prerequisite: a Classics course numbered 290

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or above, or permission of the department.
3 hours per week.

Begg, Soady / Tues 7-10

GREE 100

Language (introductory)

The fundamentals of Greek. Selections from various Greek authors.

3 hours per week.

Begg / Mon and Wed 5-6:30

GREE 200

Language and literature

Review of grammar and intermediate selections from Greek authors.

Prerequisite: GREE 100 or permission of the department.

3 hours per week.

Casler / Mon and Wed 5-6:30

HEBR 100

Hebrew Language (introductory)

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

3 hours per week.

Casler / Thurs 7-10

LATI 100

Language (introductory)

The fundamentals of Latin. Selections from various Latin authors.

3 hours per week.

Soady / Tues and Thurs 5-6:30

LATI 200

Language and literature

Review of grammar. Intermediate selections from Latin authors.

Prerequisite: LATI 100 or permission of the department.

3 hours per week.

Begg / Tues and Thurs 5-6:30

LATI 300

Literature of the Early Empire

Readings in Seneca, Lucan, Pliny the Younger, Statius and Quintilian.

3 hours per week.

Robertson / Tues and Thurs 5-6:30

Computer Science

COSC 193a

FORTRAN programming and SPSS

(also offered as MATH 199hc)

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

Prerequisite: grade 11 mathematics.

This course may not be taken concurrently with, or after, any other computer science half course.

(Not open to students with COSC 100 or 190 or MATH 199hc credit.)

Lectures, 3 hours per week.

Laywine / Mon and Wed 4-5:30

COSC 194a

Computer for managers

(also offered as DMI 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 course may not be taken concurrently with, or after, any other computer science half course.

Lectures, 3 hours per week.

Cohen / Thurs 7-10

COSC 194b

Computing for managers

(also 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 equivalent mathematics credit.

This course may not be taken concurrently with, or after, any other computer science half course.

Lectures, 3 hours per week.

Cohen / Mon and Wed 4-5:30

COSC 197

Computer science for teachers I

This is the first of a series of three courses in Computer Science designed primarily for teachers, or prospective teachers in secondary and post-secondary education. It assumes no prior knowledge of the subject; an understanding of elementary algebra and a

logical mind being the only pre-requisite for the course.

The main thrust of the course is the acquisition of the subject matter: problem analysis, algorithm design, structured programming via PASCAL (including user defined data-types, pointers and recursion), and an introduction to data structures, computer organization and machine level structures.

The material is then assessed from the standpoint of curriculum design and implementation, stressing course-content-organization, classroom presentation, the fostering and maintenance of student motivation, and student and course evaluation.

Lectures, laboratories, 3 hours per week.

Skilton / Mon 7-10

COSC 202a

Computer organization

Historical development of computer systems. Programming concepts and their influence on the computer structure. Central processing unit. Microprogrammed control. The arithmetic unit. Main memory unit. Input/Output organization and interrupts. Peripheral units. This is a non-programming course.

Prerequisite: COSC 195hc or permission of the instructor.

(Not open to students with COSC 221hc credit.)

Lectures, 3 hours per week.

Thomas / Tues and Thurs 4-5:30

COSC 206b

Commercial programming

(formerly COSC 196hc)

Commercial programming with emphasis on file manipulation using the COBOL programming language. Practical programming assignments. Topics include the COBOL language, sequential and direct files, sequential file merge, direct file update, sorting and table searching.

Prerequisite: COSC 195hc or permission of the instructor.

Lectures, 3 hours per week.

Cohen / Wed 7-10

COSC 212b

Assembly language programming

Overview of the hardware organization and general operation of a specific computer system. Assembly language programming.

Prerequisite: COSC 195hc.

Lectures, tutorials, 3 hours per week.

Thomas / Tues and Thurs 4-5:30

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COSC 230a

Data structures

Problem interpretation and relationship between data- and control- structure. The primitive data structures and their more common extensions, programmer defined types. Linear structures: sequential linked, stacks, queues and deques. Recursion. Non-linear structures: pointers, trees, and other applications. Records and file structures, archiving for virtual memories; free lists; dynamic allocation of storage, program and data locality.

Prerequisite: COSC 195hc.

Lectures, 3 hours per week.

Hughes / Wed 7-10

COSC 260b

Introductory operations research

(also offered as MATH 260hc)

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

Inventory models: EOQ and generalizations. Queueing theory.

Prerequisites: MATH 197hc and 198hc or equivalents.

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

Headley / Tues 7-10 and Thurs 7-9

COSC 312b

Operating systems I

Analysis of operating systems to examine the manner in which computer resources are managed. Topics include multi-programming, relocation, virtual memory, job scheduling, processor scheduling, device scheduling, spooling, etc.

Prerequisites: COSC 212hc, 221hc and preferably COSC 230hc.

Lectures, tutorials, 3 Hours per week.

Hughes / Wed 7-10

COSC 342a

Database management systems

Review of data structures. Database modeling including the CODASYL and relational database models. Database processing; comparison of some commercial systems. Database implementation. The database

administrator.

Prerequisites: COSC 230 and preferably COSC 206hc.

Lectures, 3 hours per week.

Thomas / Wed 7-10

COSC 393a

Computer logic

Combination logic. Minimization techniques. Sequential logic. Implications and applications of LSI circuit elements. Development of a small computer. This is a non-programming course.

Prerequisite: COSC 202hc or permission of the instructor.

(Not normally open to students with COSC 221hc credit.)

Lectures, 2 hours per week; laboratory, 3 hours alternate weeks.

Thomas / Mon 7-10

COSC 394b

Microcomputers

Microprocessors and their operation. Microcomputers; programming and software support; interfacing to peripheral devices; micro-computer development systems; applications. Prerequisites: COSC 212hc and 221hc.

Lectures, labs, 3 hours per week.

Thomas / Mon 7-10

COSC 395a

Language processors

Introduction to syntax analysis and language translation including interpreters, macroprocessors and compilers. Topics include: syntax formalization, symbol table manipulation, code generation and optimization. Students will develop a language translator.

Prerequisite: COSC 295hc.

Lectures, 3 hours per week.

Hughes / Tues and Thurs 4-5:30

COSC 412b

Operating systems II

Historical development of operating systems. Processor management: sequential and concurrent processes, resource sharing, critical regions, semaphores and monitors. Memory management: mappings, binding time, paging and segmentation, placement and replacement algorithms. Program behavior; working set, thrashing. Scheduling: preemptive and non-preemptive algorithms. Kleinrock's continuum model, arrival and service patterns, counter measures and combat. Protection: privacy, confidentiality,

security, recovery.

This is a non-programming course.

Prerequisite: COSC 312hc.

Lectures, seminars, 3 hours per week.

Skilton / Tues 4-6

Drama and Film Studies

DRAM 194

Introduction to film criticism

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

Lectures, seminar, 3 hours per week.

Weekly film programs.

tba / Tues 5:30-7:30

DRAM 210

Drama in education

The role of drama in education as a means of expression and self-discovery for children (creative drama) and as a distinct form created by children and related to play (child drama). Lectures, workshops, 3 hours per week.

Each student will, in addition, be required to undertake some field studies.

Morgan / Mon 5-8

DRAM 224

Canadian Popular Culture

A critical survey of the mass media in Canada. Studies in the popular arts, with special reference to the ways in which institutions (e.g. CBC, NFB) and selected artists identify and express a Canadian cultural imagination. Lectures, seminar, 4 hours per week.

Nicks / Wed 6-10

Economics

ECON 190

Principles of economics

An introduction to the study of economics. Topics covered include national product determination, price stability, unemployment, money and banking, international trade, and the theory of the firm.

Lectures, seminar, 4 hours per week.

tba / Mon 7-10

ECON 202

Macroeconomics

A study of Keynesian and classical

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

Prerequisite: ECON 190.

(Not open to students with ECON 203, 251hc, or 252hc credit.)

Lectures, 3 hours per week.

Masse / Wed 7-10

ECON 251a

Intermediate micro theory

A continuation of ECON 190, with more detailed analysis of micro theory.

Prerequisite: ECON 190.

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

Lectures, seminar, 4 hours per week.

(See note after ECON 252hc.)

Kushner / Wed 7-10

ECON 252b

Intermediate macro theory

A continuation of ECON 190, with more detailed analysis of macro theory.

Prerequisite: ECON 190.

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

Lectures, seminar, 4 hours per week.

tba / Wed 7-10

ECON 308

Urban and regional economics

Theories of location, city formation and urban structure; urban problems; e.g. transportation, housing, finance; regional income determination and economic development; regional economic policies in Canada; techniques of regional analysis.

Prerequisite: ECON 201 or 251hc/252hc or 190 with the permission of the instructor.

Lectures, seminar, 3 hours per week.

Soroka / Wed 7-10

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 210,

EDUC 301.

Lectures, seminar, classroom observation, 4 hours per week.

Laboratories as required.

tba / Wed 6-9

English

ENGL 191

Introduction to literature

The practice of literary criticism in the study of major authors and works, from the 14th century to the 20th. Authors include Chaucer, Shakespeare, Milton, Swift, Pope, Wordsworth, Conrad.

Lectures, seminar, 3 hours per week.

MacDonald / Mon 7-10

ENGL 210

Young people's literature (formerly EXST 195)

The critical study of types of fiction such as fairy tale, fantasy, adventure story, contemporary problem novel, fable, and animal story written for children and adolescents. Some time will also be spent on poetry, including traditional ballads, nonsense verse, and poems specifically written for children.

Lectures, seminar, 3 hours per week.

(Not open to students who have taken EXST 211.)

Green / Thurs 7-10

ENGL 299

English area studies

1981-82 topic: the practice of criticism. A non-theoretical study of literary criticism designed to develop students' ability to read, write, and assess critical prose. Based on work by two or three major figures, published critical material, and students' essays, the course explores problems in conception, organization, and expression. The English critical essay is emphasized.

Lecture, seminar, workshop, 3 hours per week.

McKay / Sat 10 am - 1 pm

ENGL 305

Creative writing

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

Seminar, 3 hours per week.

Hornyansky / Thurs 7-10

ENGL 330

Victorian literature

Poetry, novels, and non-fictional prose from 1825 to 1914; from the high Victorian period (Carlyle, Mill, Tennyson, Browning), through the Pre-Raphaelite (Rossetti, Morris), to developments in the last half of the century (in Meredith, Swinburne, Hopkins, Hardy, Wilde, Kipling).

Lectures, seminar, 3 hours per week.

Slade / Tues 7-10

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.

Sommerville / Tues 4-6 and

seminar Thurs 4-5 or 5-6

Extrdepartmental Studies

EXST 290

Human sexuality

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

Lectures, seminar, 3 hours per week.

Jordan / Thurs 7-10

Fine Arts

FINA 102

Introduction to the civilizations of Asia (also offered as ASIA 102)

Basic aspects of the civilizations of India and China. The course is designed as a core for the student who later might be interested in pursuing more advanced work in Asian studies, as well as for the student with only a general interest in oriental societies.

1981/82 Winter evening course offerings

Lectures, 3 hours per week.

Sinha, et al / Tues 7-10

FINA 191

History of fine arts

(formerly offered as EXST 191)

Art appreciation and survey of major styles in architecture, sculpture, and painting from antiquity to the twentieth century.

No studio work.

Lectures, 3 hours per week.

Osterbind / Mon 7-10

FINA 201

Two and three dimensional design

(formerly offered as EXST 201)

A multi-media course to introduce students to the basic principles of design. Print-making, pottery, drawing, painting, batik, collage, and other techniques will be introduced.

This course has a studio emphasis, a lab fee of \$25 is charged. Students must supply their own materials.

Prerequisites: FINA 191 and permission of the instructor.

Lectures, studio work, 3 hours per week.

Tremain / Wed 6-10

FINA 250

Canadian art

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

Prerequisite: FINA 191 or permission of the instructor.

Lectures, seminar, 3 hours per week.

Wylie / Thurs 6:30-9:30

Geography

GEOG 192

Geography and the environment

A course dealing with current issues in the physical and human environment of concern to geography. The aim is to demonstrate the practical application of general principles. Although pertinent examples at a world scale will be presented, the emphasis will be on the Canadian situation at local, regional, and national levels.

Lectures, seminar, 3 hours per week.

(Not open to students with GEOG 193hc/194hc credit.)

Meeker / Mon 7-10

GEOG 207a

Cartography

Introduction to the theory and practice of cartography. Map reading, analysis and interpretation.

Prerequisite: GEOG 192 or GEOG 193hc/194hc; or permission of the instructor.

Lectures, laboratory, 4 hours per week.

Hughes / Thurs 6:30-10:30

GEOG 208b

Quantitative methods I

An introduction to the basic mathematical structures underlying geographical problems: space, coordinate systems for space. Linear equations in up to two independent variables. Non-linear equations: polynomials, power functions, exponential functions. Linearization of non-linear systems for statistical fitting. An introduction to the use of matrix algebra for linear systems. Weekly exercises emphasize applications to typical problems.

Prerequisites: MATH 192 or MATH 197hc/198hc, or other approved mathematics courses, GEOG 192 or GEOG 193hc/194hc; or permission of the instructor.

Lectures, seminar, 4 hours per week.

Tinkler / Thurs 6:30-10:30

GEOG 314a

Climates of Canada

The causes, distribution and environmental impact of present climates in Canada at all scales. Attention is also given to what is known of the past and what can be speculated of the future.

Prerequisite: GEOG 204hc or permission of the instructor.

Lectures, lab, 3 hours per week.

Thompson / Wed 7-10

GEOG 343b

The evolution of urban space: the Canadian city

Case studies of urban evolution including special reference to the Niagara peninsula.

Prerequisite: GEOG 203hc or HIST 190 or permission of the instructor.

Lectures, seminar, 4 hours per week.

Jackson / Wed 6-10

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.

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

Grant / Tues 7-11

GEOL 290b

Geology and society

Relationship of man's activities to his physical environment. Pollution, energy, hazards and catastrophes.

Prerequisite: GEOL 190 or 195.

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

Lectures, seminars, field trips to be announced.

Peach, Miryneck / Tues 7-11

GEOL 312a

Geochemistry I

Abundance of elements in crustal rocks; general geochemistry of the lithosphere, hydrosphere, atmosphere, biosphere. Geologic applications of thermodynamic principles and phase equilibria.

Prerequisite: GEOL 311hc.

Lectures, labs, 5 hours per week.

Haynes / Tues 7-11

Germanic and Slavic Studies

GERM 100

Language (introductory)

Learning of basic skills, conversational patterns, reading ability.

Emphasis is on the spoken language, language laboratory, films, records, tapes.

Language laboratory, 4 hours per week.

tba / Mon 6-10

1981/82 Winter evening course offerings

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.

MacRae / Mon 6-10

GERM 200

Language (intermediate I)

Intensive study of the present-day German language and cultural background with the aim of increasing the level of the skills of communicating.

Lectures with extensive use of the language laboratory, 3 hours per week.
Offered also in Freiburg, 1981-82.

tba / Wed 7-10

GERM 296

20th century literature and thought in English translation

A study of the major trends and figures in German-speaking Europe of the twentieth century.

(Open to non-majors, without prerequisites.)
Lectures, 3 hours per week.

Owen / Tues 7-10

RUSS 398

Selected authors and topics in 19th and 20th century Russian literature

Representative works by four of the following authors will be studied in detail: Gogol, Dostoevsky, Tolstoy, Chekhov, Babel, Pasternak, Solzhenitsyn, Bulgakov, Akhmatova.
(Open to non-majors)

Lectures and seminars, 3 hours per week.

Frankel, Hollosi / Mon and Wed 5:30-7

RUSS 410

Continuity and contradiction in Soviet Russian literature

Traditional and modern aspects of 20th century Russian literature. Socialist realism, Marxist aesthetics. Politics and literature and their interaction. Andreev, Gorky, Babel, Sholokhov, Tertz, Pasternak, Bulgakov, Solzhenitsyn.

Lectures, 3 hours per week.

Frankel / Mon and Wed 4-5:30

History

HIST 191

Modern Europe and North America

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

(Not open to students who have taken HIST 100.)

Lectures, seminar, 3 hours per week.

Drake, Sutherland / Thurs 7-10

HIST 220

Early modern Britain

The British Isles from the fourteenth through the seventeenth century emphasizing the emergence of the modern centralized state, the impact of the Reformation, the achievements of the Elizabethan age and the origins and effects of revolution and civil war in the seventeenth century.

Lectures, seminar, 3 hours per week.

McEwen / Tues 7-10

HIST 292a

Modern China

A survey of Chinese history from the mid-nineteenth century to 1949, focusing on China's response to the intrusion of the West and on the problems of change, reform and rebellion, the emergence of a modern revolutionary movement, the development of Chinese nationalism, and the triumph of the Chinese Communist party.

(Not open to students who have taken HIST 291.)

Lectures, seminar, 3 hours per week.

Sanders / Mon 7-10

HIST 293b

Modern Japan

A survey of Japanese history from the fall of the Tokugawa shogunate to 1953, emphasizing response to the West, industrialization and the creation of a modern state.

(Not open to students who have taken HIST 291.)

Lectures, seminar, 3 hours per week.

Sanders / Mon 7-10

HIST 297

The United States in the nineteenth century

An exploration of United States history in the nineteenth century, stressing the interaction of social changes, economic developments

and political culture.

(Not open to students who have taken HIST 295.)

Lectures, seminar, 3 hours per week.

Swanson / Wed 7-10

HIST 350

The Germans

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

(Not open to students who have taken HIST 430.)

Lectures, seminar, 3 hours per week.

Taylor / Wed 7-10

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

Auer / Tues 7-10 and Thurs 7-8 plus tutorial

MATH 197b

Differential and integral methods

Designed for students of administrative studies, biological sciences, economics, geological sciences, and urban and environmental studies. Elementary functions, particularly the power function, the logarithm, and the exponential; approximation to the area under a curve; the definite integral; the derivative; techniques of differentiation; maxima and minima; integration by substitution and by parts; use of integral tables; partial differentiation; simple differential equations; numerical methods. Prerequisite: grade 12 mathematics or per-

1981/82 Winter evening course offerings

mission of the department.

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

Doherty / Tues 7-10 and Thurs 7-8 plus 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, χ^2 , t and F distributions, means and variance tests; regression and correlation.

Prerequisite: grade 12 mathematics or permission of the department.

(Not open to students with MATH 192 or 296 credit.)

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

Laywine / Tues 7-10 and Thurs 7-8 plus tutorial

MATH 199a

FORTTRAN programming and SPSS

Lectures are identical with those of COSC 193hc, plus an hour a week devoted to the discussion of some elementary numerical techniques (roots of transcendental equations and polynomial equations, interpolation, quadrature).

Co-requisite: MATH 193hc/194hc or MATH 100.

Exclusion: COSC 193hc.

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

Laywine / Mon and Wed 4-5;30

MATH 210

Linear Algebra

Theory of finite-dimensional vector spaces; algebra of linear transformations; matrices and determinants; canonical forms, eigenvalues, change of basis; applications to geometry.

Prerequisite: MATH 112hc or permission of the department.

Lectures, 4 hours per week.

Change, Bell / Tues and Thurs 4-6

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. Queueing theory.

Prerequisites: MATH 197hc and 198hc or equivalents.

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

Headley / Tues 7-10 and Thurs 7-8 plus tutorial

MATH 405

Complex analysis

Applications of topology in complex analysis, regular functions, integrals and integral theorems, singularities and residues, calculus of residues expansion theorems, maximum-modulus principle, conformal mapping; topics drawn from the reflection principle, analytic continuation, convergence on the circle, over-convergence, or special functions.

Prerequisite: MATH 300

Lectures, 4 hours per week.

Srivastava / Mon, Tues, Wed and Thurs 4-5

Music

MUSI 100

Music today

Survey of developments in jazz, rhythm and blues, rock, and popular music of today's culture.

Lectures, 3 hours per week; listening assignments.

Bowman / Mon 6-9

MUSI 150

History and literature of music

(c.1600-1950)

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

Lectures, 3 hours per week; seminar, 1 hour per week; listening assignments.

Oliphant / Tues 5-9

MUSI 183a

University Choir I

Fundamentals of choral singing (voice production, diction, style); sight-reading and ear training; rehearsal and performance of choral music from the Renaissance to the twentieth century.

Prerequisite: by audition or permission of the

department.

One rehearsal weekly, 2-1/2 to 3 hours; extra rehearsal as required for concerts.

(Not open to students with MUSI 182 credit.)

Tremain, Staff / Wed 5-7:30

MUSI 183b

University Choir I

Fundamentals of choral singing (voice production, diction, style); sight-reading and ear training; rehearsal and performance of choral music from the Renaissance to the twentieth century.

Prerequisite: by audition or permission of the department.

One rehearsal weekly, 2-1/2 to 3 hours; extra rehearsal as required for concerts.

(Not open to students with MUSI 182 credit.)

Tremain, Staff / Wed 5-7:30

MUSI 283a

University Choir II

A continuation of choral training, associated disciplines and performance, in which a higher standard is required in repertoire, sight-reading, and ear training. Introduction to methods of choral rehearsal and interpretation.

Prerequisite: permission of the department.

One rehearsal weekly, 2-1/2 to 3 hours; extra rehearsal as required for concerts.

(Not open to students with MUSI 282 credit.)

Tremain, Staff / Wed 5-7:30

MUSI 283b

University Choir II

A continuation of choral training, associated disciplines and performance, in which a higher standard is required in repertoire, sight-reading, and ear training. Introduction to methods of choral rehearsal and interpretation.

Prerequisite: permission of the department.

One rehearsal weekly, 2-1/2 to 3 hours; extra rehearsal as required for concerts.

(Not open to students with MUSI 282 credit.)

Tremain, Staff / Wed 5-7:30

MUSI 320

Piano Pedagogy

An examination of piano teaching, literature, procedures and materials used in the beginning and elementary levels of instruction. Work includes observation and practical supervised instruction.

Prerequisite: permission of the department.

Lectures, seminar, 4 hours per week.

Oliphant / Mon 4-6 and Wed, Thurs 4-5

1981/82 Winter evening course offerings

MUSI 383a

University Choir III

Further study in choral techniques, interpretation, and performance. Score preparation and rehearsal methods. Students will be required to prepare short works and to rehearse them with a vocal ensemble.

Prerequisite: permission of the department. One rehearsal weekly, 2-1/2 to 3 hours; extra rehearsal as required for concerts.

(Not open to students with MUSI 382 credit.)

Tremain, Staff / Wed 5-7:30

MUSI 383b

University Choir III

Further study in choral techniques, interpretation, and performance. Score preparation and rehearsal methods. Students will be required to prepare short works and to rehearse them with a vocal ensemble.

Prerequisite: permission of the department. One rehearsal weekly, 2-1/2 to 3 hours; extra rehearsal as required for concerts.

(Not open to students with MUSI 382 credit.)

Tremain, Staff / Wed 5-7:30

MUSI 483a

University Choir IV

Score preparation and rehearsal methods; rehearsal and performance of choral music from the Renaissance to the twentieth century. Students required to prepare works and to rehearse them with the choir or vocal ensemble and to conduct part of a concert. Small ensemble work.

Prerequisite: permission of the department. One rehearsal weekly, 2-1/2 to 3 hours; extra rehearsal as required for concerts.

Tremain, Staff / Wed 5-7:30

MUSI 483b

University Choir IV

Score preparation and rehearsal methods; rehearsal and performance of choral music from the Renaissance to the twentieth century. Students required to prepare works and to rehearse them with the choir or vocal ensemble and to conduct part of a concert. Small ensemble work.

Prerequisite: permission of the department. One rehearsal weekly, 2-1/2 to 3 hours; extra rehearsal as required for concerts.

Tremain, Staff / Wed 5-7:30

MUSI 495

Special topics

(formerly MUSI 395)

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

Prerequisite: permission of the department. Lectures, seminar, 4 hours per week.

Tremain / Thurs 5-9

Philosophy

PHIL 190

Introduction to philosophy

With the help of texts from great philosophers in the East and West, this course aims at an awareness of the sense of philosophizing today.

Lectures, seminar, 3 hours per week.

Malone / Thurs 7-10

PHIL 191

Social philosophy

Such phenomena as politics, education, history and economics will be studied in the thought of Plato, St. Augustine, Locke and Marx.

Lectures, seminar, 3 hours per week.

Mayer / Wed 7-10

PHIL 192

Eastern philosophy: an introduction

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

Lectures, seminar, 3 hours per week.

Brown / Tues 6-9

PHIL 206

Introduction to existentialism

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

Seminar, 3 hours per week.

Brown / Thurs 6-9

PHIL 208

Introduction to Chinese philosophy

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

Malone / Wed 7-10

PHIL 295

Bioethics, an inquiry into selected issues

(also offered as BIOL 295)

An interdisciplinary course introducing important issues from the areas of biology and psychology which give rise to moral dilemmas and value conflicts. Topics to be considered include genetic responsibility; lifestyle diseases; abortion and euthanasia; the nature of moral development; behavior problems and their control through drugs or brain surgery; nuclear energy and the environment; population ethics. This course is appropriate for students with no previous courses in biology, psychology or philosophy; it may not count as a major course in biology or in biology combined majors programs. It may serve as an elective for biology majors.

Prerequisite: permission of the instructor.

Lectures, seminar, 3 hours per week.

Nathan, Ursino, Glavin / Thurs 7-10

PHIL 297

The history of Western philosophy: mediaeval philosophy

(formerly PHIL 207)

The subject of this course is the development of autonomous philosophical human thinking in relation and confrontation with the Christian religion; a description of this process in the Christian world, at the background of mediaeval history with influences from the Arabic and Jewish philosophers; illustrated with texts especially from St. Augustine, St. Anselm and St. Thomas.

(Not open to students with PHIL 207 credit.)

Lecture, 3 hours per week.

Goicoechea / Mon 5-8

PHIL 306

The philosophy of religion

The nature and function of religion in human life will be discussed, along with the character of belief, knowledge and experience as related to it.

Nota / Tues 7-10

1981/82 Winter evening course offerings

PHIL 315

Philosophy of man

Major orientations of the concept of man, in Western and Eastern (mainly Indian) thought will be reviewed, in relation to the basic issues concerning a philosophical understanding of human nature and its place in the scheme of reality. There will be a focus on contemporary views and an emphasis on a 'comparative' perspective. Readings from selected Western and Indian authors.

Seminar, 3 hours per week.

Sinha / Mon 7-10

PHIL 400

Advanced studies in existential philosophy

An advanced seminar course in contemporary European philosophy for honor students in philosophy. Study of selected texts such as those of Soren Kierkegaard, Friedrich Nietzsche, Martin Heidegger or Jean-Paul Sartre; students will be expected to choose supplementary readings in both philosophy and literature.

Seminar, 3 hours per week.

Adamczewski / Mon 4:30-7:30

PHIL 402

The philosophy of mind

The course is an attempt to ascertain what is distinctive about the psychology of human beings through an examination of such issues as the relation of pleasure, emotion and desire to values; the possibility of a scientific explanation of human action; human and artificial intelligence; rationality.

Nathan / Wed 5-8

PHIL 511

Contemporary studies in phenomenology

Nota / Wed 7-10

PHIL 532

The question of being in Indian philosophy

Sinha / Thurs 7-10

Physical Education

PHED 200a

Movement orientation through developmental games

A theoretical and practical course providing students with a basic understanding of the characteristics and needs of children. An aim of the course will be to develop an

understanding of motor skill development and games activities for individuals of all ages. Students will be introduced to the fundamental principles of movement as developed by Rudolph Laban, and will apply them extensively through fundamental skills and developmental skills and developmental games.

Prerequisite: PHED 190 or permission of the instructor.

Lectures, lab, 4 hours per week.

tba / Tues and Thurs 6-8

PHED 201b

Organization and administration of physical education programs

A study of the organizational and administrative procedures involved in conducting effective physical activity programs in schools, YM/YWCA's, and parks and recreation departments. The course will examine the objectives of physical education as they relate to the planning, organizing and directing of instructional, intramural, and competitive athletics, and recreational programs. Provisions will be made for practical experience in the organization and administration of the programs listed above.

Prerequisite: PHED 190 or permission of the instructor.

Lectures, 3 hours per week.

Labs, individual organization and administration projects.

Haslem / Mon 7-10

PHED 203b

Movement seminar

The course is designed to give students a comprehensive understanding of the theory of movement. The theory of movement education will be examined as: a content matter; a means of analyzing movement; a means for the individual to develop progression within his or her own motor performance. Practical application of the theory will be pursued through lab situations which deal with educational gymnastics.

Prerequisites: PHED 190 or permission of the instructor.

Lectures, lab, 4 hours per week.

tba / Tues and Thurs 6-8

PHED 293a

Community recreation programs for children

An elective course designed to introduce the student to the community education concept and its potential as a delivery service for coordinated and cooperative community recrea-

tion programs. Emphasis will be on helping students develop a clear understanding of the philosophy of recreation with a view towards the development of specific community recreation programs.

Prerequisite: PHED 190 or permission of the instructor.

Lectures, 3 hours per week.

Stanford / Mon 7-10

PHED 294a

Movement for the young child

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

Prerequisite: PSYC 190 or permission of the instructor.

Lectures, lab, 3 hours per week.

Murray / Tues 5-8

PHED 397a

Leisure services fieldwork

An elective course 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 leisure service agencies including: community schools, city parks and recreation departments, industrial recreation, YMCA/YWCA, camps, churches, homes for the aged in commercial recreation.

Prerequisite: PHED 293hc or permission of the instructor.

Lecture/Seminar: 2 hours per week.

Field work: 2 hours per week.

tba / Wed 7-9 plus field work.

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.

1981/82 Winter evening course offerings

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.

Koffyberg, Moore, Black / Tues 7-10

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 / Thurs 7-10

POLI 200

Political philosophy

A study of several major works in political philosophy from Plato to Marx. The class will examine these works both as they constitute the theoretical foundations of our political world and as they present fundamental alternatives to our own way of seeing politics and acting politically.

Lectures, seminar, 3 hours per week.

Mathie / Mon 7-10

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.

Dreifelds / Tues 7-10

POLI 326a

International law

A study of principles of international law and their application in international politics.

Lectures, seminar, 3 hours per week.

Sewell / Wed 7-10

POLI 327b

International organization

An analytical study of principles and pro-

blems of international and regional organizations and of their application to international politics.

Lectures, seminar, 3 hours per week.

Sewell / Wed 7-10

POLI 413a

Canadian political problems

A study of selected Canadian political problems.

Prerequisite: POLI 212 or permission of the instructor.

Seminar, 3 hours per week.

Dreifelds / Tues 7-10

POLI 435b

Selected problems in comparative politics

A comparative study of selected political institutions, processes or policies in various states.

Seminar, 3 hours per week.

Hull / Tues 7-10

POLI 461b

Comparative politics of Southeast Asia

Through assigned reading, research design, and research paper the course explores problems in comparative politics in selected countries of Southeast Asia.

Lectures, tutorials, seminars, 3 hours per week.

Fic / Mon 7-10

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.

Glavin, Sadava / Tues 7-10

PSYC 223

Research design

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

Lectures, tutorial, 3 hours per week.

Lordahl / Wed 7-10

PSYC 225

Dynamics of personality

Basic concepts and contemporary issues in personality theory and research including intrapersonal and interpersonal dynamics of coping, defence, growth, and self-actualization.

Lectures, seminar, 3 hours per week.

Adams-Webber / Tues 7-10

PSYC 285

Psychology of personal development

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

Lecture, 1 hour per week; small group lab, 2 hours per week.

Jordan / Wed 6-9

PSYC 355

Perception and consciousness

Beginning with an overview of basic perceptual concepts the course will focus on the nature of consciousness and epistemology. Considerable time will be devoted to the fundamentals of scientific investigation, general systems theory, and machine analogies to human consciousness. The second half of the course will concentrate on non-Western considerations of these topics. These more developed traditions include Zen Buddhism and Buddhism of Tibet, Sufism, Yoga, and some aspects of North American Indians and other cultures.

Lectures, seminar, 3 hours per week.

Tyson / Mon 7-10

PSYC 390

Theories of personality (formerly PSYC 325)

A study of the major clinically-derived theories of personality with special attention to their bases in case study/life history methodology. Freud, Jung, and Sullivan will be emphasized, along with recent developments in psychoanalysis — especially the British tradition influenced by Melanie Klein — and 'transpersonal psychology'. The possibly unique relation of these depth psychologies to numinous experience (mysticism, creativity, psychosis) will be studied through selected life histories.

(Not open to students with PSYC 325 credit.)

1981/82 Winter evening course offerings

Lectures, seminar, 3 hours per week.

Hunt / Tues 7-9

PSYC 490

Honors seminar

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

Lectures, seminar, 3 hours per week.

Department / Wed 4-6

Religious Studies

REST 190

Comparative religions (formerly EXST 190)

A study of the world's major religions; their founders, teachings, scriptures, rituals, and development.

Lectures, seminar, 3 hours per week.

Ostroff / Mon 7-10

REST 270

New Testament studies (formerly offered as EXST 270)

A critical examination of New Testament thought, using selected passages from the Gospels and Acts.

Lectures, seminar, 3 hours per week.

Scott / Mon 7-10

REST 320

Comparative studies in mysticism

Studies in the universal tradition of mysticism, the ontological significance of the lives of the mystics, the place of mysticism in both religious and secular writing, and the relevance of this heritage to modern life.

Lectures, seminars, 3 hours per week.

Mayer / Wed 7-10

Romance Studies

FREN 100

Language (introductory)

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

Language laboratory.

Freidman / Thurs 6-10

FREN 190

Language and literature

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

Selected texts.

Language laboratory.

Bucknall / Thurs 6-10

FREN 230

Culture and civilization (given in English)

General background and survey of religious, social, artistic, and political factors inherent to the evolution of the French way of life and thinking through selected texts, slides, and tapes.

Pujoll / Mon 7-10

FREN 290

19th century novel

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

Cardy / Wed 7-10

FREN 397

Literature, 17th century

The ideal of French classicism. Assessment of conflicting religious, philosophical, artistic, and moral currents.

Prescribed texts: Corneille, *Le Cid*; Molière, *Tartuffe*; Racine, *Britannicus*; Pascal, *Les Pensées*; Mme de Lafayette, *La princesse de Clèves*; Saint-Simon, *Mémoires*.

Bismuth / Wed 7-10

ITAL 100

Language (introductory)

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

Language laboratory.

Federici / Tues 6-10

ITAL 190

Language and literature

Composition, conversation. Discussion of essays from a cultural text.

Selected modern texts.

Language laboratory.

DeLuca / Mon 6-10

SPAN 100

Language (introductory)

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

Language laboratory.

Fernandez / Wed 6-10

SPAN 190

Language and literature

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

Language laboratory.

Hildebrandt / Wed 7-10

SPAN 395

20th century Spanish-American novel

Chronological and regional coverage from 1900 to the present day.

Prescribed texts: Azuela, *Los de abajo*; Rivera, *La vorágine*; Gallegos, *Doña Bárbara*; Barrios, *El hermano asno*; Güiraldes, *Don Segundo Sombra*; Alegria, *El mundo es ancho y ajeno*; Asturias, *El señor Presidente*.

Hildebrandt / Tues 7-10

Sociology

SOCI 191

Issues in Canadian society

Introduction to concepts, theories and research perspectives in sociology, anthropology, and social psychology as applied to the analysis of major issues in Canadian society. Substantive topics will include such issues as ethnic group relations, Canadian identity social stratification and rural and urban problems.

Lectures, seminar, 3 hours per week.

(Not open to students who have taken or are taking another introductory course in sociology, including SOCI 120, SOCI 190 or SOCI 246.)

tba / Wed 7-10

SOCI 220

Theories in social relations

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

1981/82 Winter evening course offerings

Seminar, 3 hours per week.

Ward / Wed 7-10

SOCI 231a

Research methods in social relations I

Introduction to scientific methods and procedures employed in research in social relations. This course includes: research design, sampling, data collection and analysis of written documents and records. Lectures will emphasize the logic of research design and analysis. Labs will concentrate on data processing and management.

Prerequisite: SOCI 190 or permission of the instructor.

Lectures, labs, 4 hours per week.

Glenday / Tues and Thurs 7-9

SOCI 232b

Research methods in social relations II

Continued examination of research design, sampling, data collection and analysis appropriate to behavioral observation and surveys. Lectures will emphasize the logic of research design and methods. Labs will concentrate on logic and techniques of data analysis including SPSS and other analysis packages.

Prerequisite: SOCI 231hc or permission of the instructor.

Lectures, lab, 4 hours per week.

Glenday / Tues and Thurs 7-9

SOCI 291a

Schools and society I

Social analysis of educational institutions emphasizing the influence of society on organizational structure, curriculum and goals; schools as formal organizations; the relationship of education to other aspects of the social system, particularly the occupational structure and stratification.

Lectures, seminar, 3 hours per week.

(Not open to students with SOCI 291 or 320 credit.)

Harrison / Mon 7-10

SOCI 292a

Conformity and deviance

Theories of conforming and deviant social behavior and methodologies used in their investigation; problems of causal analysis in studies of deviance, conformity and over-conformity. Attention will be directed towards various forms of anti-social behavior, particularly those which are socially induced.

Lectures, seminar, 3 hours per week.

(Not open to students with SOCI 261 or 292

credit.)

Tomovich / Thurs 7-10

SOCI 293b

Delinquency and crime

The nature of criminal behavior, its social causes and consequences; organized crime; white-collar crime; forms of patterned evasion of legal norms; correctional institutions as social systems.

Lectures, seminar, 3 hours per week.

(Not open to students with SOCI 261 or 292 credit.)

Tomovich / Thurs 7-10

SOCI 298b

Schools and society II

A continuation of the themes developed in Schools and society I (SOCI 291hc) with particular attention to such topics as schooling and minority groups, the school as a socializing agency, culture and learning, and liberal and radical education reforms.

Lectures, seminar, 3 hours per week.

Harrison / Mon 7-10

SOCI 303a

Psychiatric sociology

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

Lectures, seminar, 3 hours per week.

(Not open to students with SOCI 340 credit.)

tba / Wed 7-10

SOCI 343a

Organizational theory

(also offered as ADMI 340hc)

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.

Lectures, seminar, 3 hours per week.

(Not open to students with SOCI 296 credit.)

tba / Wed 7-10 or Thurs 7-10

SOCI 344b

Organizational behavior

(also offered as ADMI 341hc)

Basic concepts, theory and research on the behavior of individuals and groups in organizational settings. Topics include in-

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

Prerequisite: SOCI 343hc.

(Not open to students with SOCI 296 credit.)

Lectures, seminar, 3 hours per week.

tba / Wed 7-10 or Thurs 7-10

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.

Fenge, Krushelnicki / Wed 7-10

UEST 297

Environment, energy and resources

Principles of environmental science; human ecosystems; environmental constraints on food and energy production, population and industrial growth; environmentally appropriate technology. The course deals with energy subsidies in human eco-systems; alternative energy sources; environmental, social and economic implications of energy options; energy policies for Ontario and Canada.

Prerequisite: completion of year 1 requirements for Urban and Environmental Studies.

Lectures, seminar, 3 hours per week; field trips.

Berkes / Mon 7-10

UEST 325b

Pollution: effects and consequences

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

Prerequisites: BIOL 190, CHEM 190 or GEOL 190.

Lectures, seminar, 3 hours per week.

Faculty from co-operating science departments.

1981/82 Winter evening course offerings

Department / Wed 7-10

UEST 352b

Policy and planning research methods

Behavioral science methods useful in policy and planning research, including exploratory-descriptive studies, evaluation research, program formulation, forecasting and social impact assessment; methods potentially relevant to research in both urban and environmental dimensions of human behavior.

Prerequisites: MATH 192 or equivalent, or permission of the instructor.

Lectures, seminar, 3 hours per week.

Fenge / Thurs 7-10

UEST 395a

Inter-disciplinary perspectives in urban and environmental studies I

Problems and opportunities for planned urban and environmental change, with special emphasis upon specific issues of current significance to the urban and regional environment of the Niagara peninsula.

Prerequisite: completion of year 2.

(Not open to students with UEST 396 credit.)

Lectures, seminar, 3 hours per week.

Collaborating teaching group includes faculty from biological sciences, chemistry, economics, geography, geological sciences, politics and sociology.

Fenge, Faculty / Tues 7-10

UEST 397b

Inter-disciplinary perspectives in urban and environmental studies II

Problems and opportunities for planned urban and environmental change, with special emphasis upon specific issues of current significance to the urban and regional environment of the Niagara peninsula.

Prerequisite: completion of year 2.

(Not open to students with UEST 396 credit.)

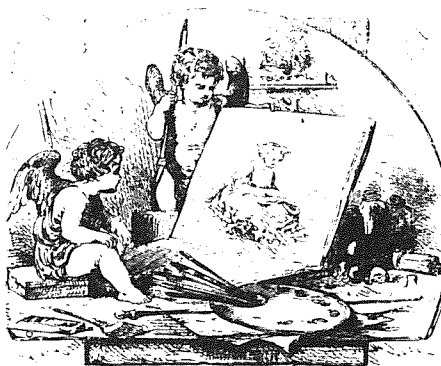
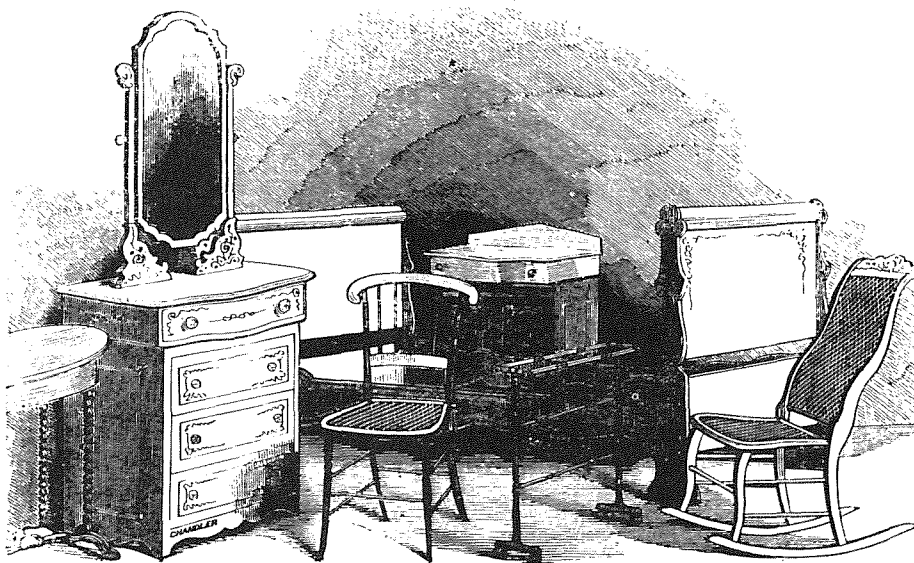
Lectures, seminar, 3 hours per week.

Collaborating teaching group includes faculty from economics, geography, geological sciences, politics and sociology.

Fenge, Faculty / Tues 7-10

Planning ahead to 1982

To assist part time students in their long-term planning, the University prepares lists of the courses which each department intends to offer in the 1982 spring evening, summer day, and winter evening sessions. The lists are highly tentative, but do represent the present efforts of the departments to meet the needs of part time students. The offering of a course is always subject to adequate enrolment and to availability of faculty. The lists are available on request from either the Registrar's office or the office of Part Time Programs.



Programs for shift workers

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

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

Legend:

a half course offered from September 9 to December 8, 1981

b half course offered from January 4 to April 8, 1982

Administrative Studies

191a	Introduction to business
192b	Introduction to management
240a	Commercial law
240b	Commercial law
253a	Introduction to financial accounting
253b	Introduction to financial accounting
254b	Management accounting I
322a	Basic marketing
324b	Marketing management
340a	Organizational theory
341b	Organizational behavior
392a	Introduction to finance I
393b	Introduction to finance II
453b	Advanced accounting theory

Biological Sciences

190	Contemporary issues in biology
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Chemistry

490	Research project
491	Thesis

Classics

196	Greek and Roman myths and religions
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Computer Science

260b	Introductory operations research
399a	Project
399b	Project
499	Advanced project

Economics

190	Principles of economics
202	Macroeconomics
251a	Intermediate micro theory
252b	Intermediate macro theory
308	Urban and regional economics

English

191	Introduction to literature
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French

100	Language (introductory)
190	Language and literature

Geography

192	Geography and the environment
207a	Cartography
208b	Quantitative methods I

Geological Sciences

190	Introduction to geology
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German

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

History

191	Modern Europe and North America
490	Honors research paper
491a	Selected historical problems I
492a	Selected historical problems II
499	Honors tutorial

Italian

100	Language (introductory)
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Mathematics

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

Philosophy

190	Introduction to philosophy
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Physical Education

200a	Movement orientation through developmental games
203b	Movement seminar

Politics

190	Introduction to politics
200	Political philosophy
212	The government and politics of Canada
485a	Politics tutorial
485b	Politics tutorial
499	Honors thesis

Psychology

190	Introduction to psychology
223	Research design
225	Dynamics of personality
390	Theories of personality

Programs for shift workers

Sociology

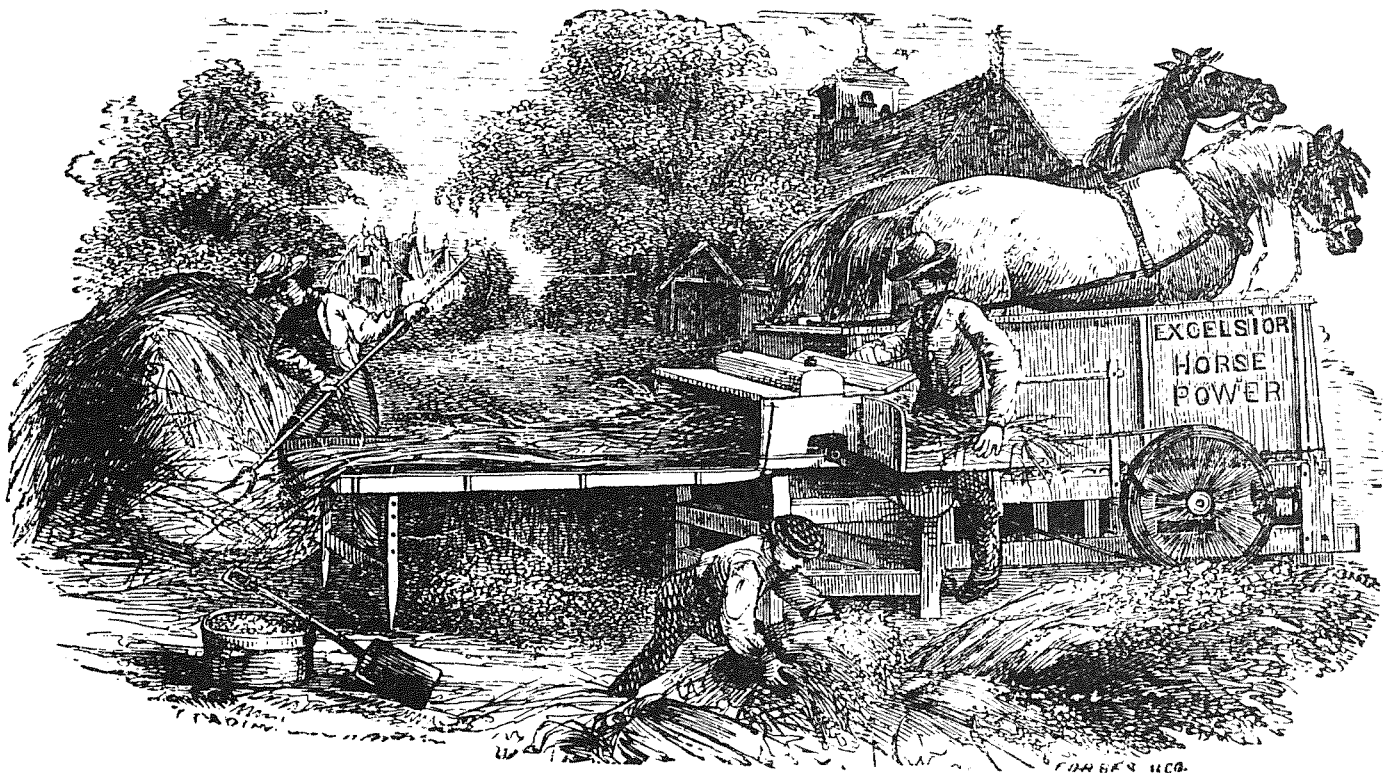
- 191 Issues in Canadian society
- 220 Theories in social relations
- 292a Conformity and deviance
- 293b Delinquency and crime
- 343a Organizational theory
- 344b Organizational behavior

Spanish

- 100 Language (introductory)

So that we can advise the appropriate instructor about your special needs, and to help you plan your learning experience at Brock this term, please contact us at:

Office of Part Time Programs
Thistle 264
Brock University
St. Catharines, Ontario L2S 3A1
684-7201, ext. 249



Off-campus teaching centres

Off-campus teaching centres

While classes usually meet on the main campus, more and more off-campus teaching centres are being opened in neighborhood locations close to your home or business. The University is pleased at the response given to its efforts to bring its resources to the community.

The following courses will be offered off-campus during the 1981-1982 winter evening session.

Grimsby public library

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, Berkes, Fenge / Wed 7-10

Niagara Falls Collegiate and Vocational Institute

GEOG 192

Geography and the environment

A course dealing with current issues in the physical and human environment of concern to geography. The aim is to demonstrate the practical application of general principles. Although pertinent examples at a world scale will be presented, the emphasis will be on the Canadian situation at local, regional, and national levels.

Lectures, seminar, 3 hours per week.

(Not open to students with GEOG 193hc/194hc credit.)

Menzies / Wed 7-10

Niagara Falls Collegiate and Vocational Institute

PHIL 206

Introduction to existentialism

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

Seminar, 3 hours per week.

Mayer / Mon 7-10

Port Colborne public library

SOCI 191

Issues in Canadian society

Introduction to concepts, theories and research perspectives in sociology, anthropology, and social psychology as applied to the analysis of major issues in Canadian society. Substantive topics will include such issues as ethnic group relations, Canadian identity, social stratification and rural and urban problems.

Lectures, seminar, 3 hours per week.

(Not open to students who have taken or are taking another introductory course in sociology, including SOCI 120, SOCI 190 or SOCI 246.)

Dreifelds / Thurs 7-10

St. Catharines, Grantham United Church

*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, Conrad.

Lectures, seminar, 3 hours per week.

Note: Day care facilities will be available.

McKay / Mon and Wed 9:30 am - 11:30 am

Welland public library

PHIL 201

The history of Western philosophy: ancient philosophy

A study of the beginnings of Western civilization in the thought of the great sages of ancient Greece. These early philosophers set Western civilization on a new and distinctive course, which has resulted in our contemporary scientific-technological way of life. This course attempts to win an understanding of our present situation by tracing it back to its roots.

Lectures, seminar, 3 hours per week.

Husain / Tues 7-10

Centennial Secondary School, Welland

SCIE 120

Natural science, its growth and consequences

For the non-science major. In the first term this course traces the history and development of scientific thought. Special attention will be given to theories of heat, pressure and the atomistic theory. The second term will concentrate on the environmental impact, social consequences and implications for the future of modern applied science. Topics will include the power crisis, plastics and detergents, pesticides, drugs and good additives, waste disposal and pollution. The interaction of science with social structure on philosophical and political levels will be a consistent theme.

Lectures, 3 hours per week.

Seminars, 1-1/2 hours every other week.

Cherniak / Wed 7-10

Off-campus information sessions

A representative from Brock University will be visiting the following off-campus centres to answer questions regarding admission and registration procedures for degree credit programs. Where possible, the faculty members involved in teaching at the centres will also be available to answer questions about their courses.

Port Colborne Public library

Monday, August 24, 1981 / 6-8 pm

Grimsby public library

Tuesday, August 25, 1981 / 6-8 pm

Niagara Falls public library

Wednesday, August 26, 1981 / 6-8 pm

St. Catharines, Grantham United Church

Thursday, August 27, 1981 / 6-8 pm

Welland public library

Monday, August 31, 1981 / 6-8 pm

Professional and individual exploration (PIE)

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

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

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

Application procedure

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

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

For further information, contact the Part Time Programs Office, 684-7201, ext. 249.

Facilitator profiles

Cathie Closs, MEd

A member of Brock's Counselling Centre staff, her interests include individual counselling, personal awareness, interpersonal communication, group processes, and learning skills development.

David Jordan, PhD

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

Joan McCurdy, MEd

A counsellor in Brock's counselling centre, her special interests are in group dynamics, career choice, the learning process, and personal growth in groups.

Dave Miller

A professional with ten years industrial experience in personnel and industrial safety, he has presented programs on safety in Canada and the U.S. and his interests include staff training, supervisory skills, communication and motivation.

Les Myers, BA

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

Foster Zanutto, MEd

An educator and consultant, Foster is currently Director of Information Services at Niagara College of Applied Arts and Technology in Welland. His special interests are in supervision, communications, professional development, curriculum development, and learning and change in organizations.

Karen Zanutto, MA

Karen is a career counsellor and management consultant in private practice, she has provided training and consultation to a variety of public and private sector clients. Some of her workshops include assertiveness training, time management, supervisory skills, job satisfaction and meeting skills.

Chautauqua

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

*Chautauqua, first held in 1874, was a program of cultural and educational events intended to encourage adults to continue their

studies. A group of educators and entertainers travelled from community to community during the summer months staying several days in each place to present lectures, music and theatre.

Fees:

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

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

1. Goal Setting

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

Cathie Closs, Les Myers
September 14, 1981, 7-10

2. Coping with Stress and anxiety

This session, while examining the concepts of stress and anxiety, will focus on exploring practical ways for stress management.

David Jordan, Les Myers
September 25, 1981, 7-10

3. Dreams

Discussion and demonstration of the use of dreams for increased awareness.

David Jordan, Les Myers
October 19, 1981, 7-10

4. Time management

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

Karen Zanutto
November 16, 1981, 7-10

5. Self esteem

An introduction to the theory and dynamics of self esteem. The workshop will look at the definition of self esteem, the interrelationship of self esteem, self concept, and behaviour, and will explore and allow to practice in various methods of enhancing self esteem.

Cathie Closs, Karen Zanutto
December 7, 1981, 7-10

Professional and individual exploration (PIE)

6. Hypnosis myths and mysteries

Many erroneous beliefs about hypnosis are presented in the popular media. This session will concern itself with the misconceptions and realistic potentials of the hypnotic experience. Come see how useful and non-threatening hypnosis can be.

David Jordan, Les Myers
January 11, 1982, 7-10

7. The awareness wheel

An experiential introduction to the five dimensions of self-awareness: sensing, thinking, feeling, wanting and doing.

David Jordan, Joan McCurdy
January 14, 1982, 7-10

8. Interpersonal conflict

An introduction to some skills and attitudes which hinder effective conflict management and to some that help produce positive and creative consequences to conflict.

Les Myers
February 3, 1982, 7-10

9. Situational leadership

An overview of Hershey and Blanchard's theory of situational leadership. Effective leader behavior adapts to the demands of the situation and the needs of the group. In this workshop you will have an opportunity to assess your own style and apply the theory to a variety of group settings (e.g. work, volunteer, family).

Karen Zanutto
March 8, 1982, 7-10

10. Decision making

This session will focus on the conditions and sources of faulty decision making and provide suggestions and tools for improving personal and professional decision making.

David Jordan, Karen Zanutto
March 29, 1982, 7-10

Professional Development - Extended Development

Note: Application deadline - 10 days prior to starting date.

Orientation and training skills

The role of orientation and training generally falls to supervisors, personnel departments

and safety officers. The success and productivity of an employee is greatly influenced by the skills and attitudes developed during training. This workshop will focus on the practical aspects of effective training. Participants will learn to use the concept of learning styles, the stages of the training process, and the skills required for one-to-one and group training. Job analysis for training purposes and establishing training goals and learning contracts will also be covered.

Dave Miller, Karen Zanutto
Thursday, September 24, 1981, 9 am - 4:30 pm
Fee: \$40 (includes lunch)

Understanding and implementing industrial safety programs

This workshop will provide employers and supervisors with accurate information on the Industrial Safety Act and its ramifications in the workplace. Topics covered will be the responsibilities of employers, supervisors and employees, the right to refuse work, confidentiality of information and the consequences of non-compliance. The workshop will also cover models and techniques for implementing safety programs to reduce the costs of compensation, lost workdays and employee resistance.

Dave Miller
Thursday, October 15, 9 am - 4:30 pm
Fee: \$40 (includes lunch)

Supervisory skills

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

Session 1: Communication skills

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

Session 2: Leadership style

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

Session 3: Personal management

Your own career can be developed by following personal development plans and guiding principles. This session will look first at the area of career path planning, then focus on the area of stress. Participants will learn how to identify stress factors and how to handle them.

Session 4: Time management and meetings

This session will focus on two very important facets of the supervisory or management role: *Time management*: How to analyse and use your time more effectively.

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

Session 5: Performance standards and appraisal

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

Session 6: Job analysis and personnel selection

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

Foster Zanutto, Karen Zanutto
Wednesday, October 21 to November 25, 1981, (6 sessions), 7-10 pm
Fee: \$95 (includes workshop materials)

Interviewing/coaching/counselling employees

Supervisors and personnel officers are often required to manage personnel and make decisions on the basis of one-to-one interviews. This workshop will develop those communication skills required to elicit information and encourage productive problem solving behaviour in employees. One-to-one interviewing skills are required in employee selection, performance appraisal, discipline, personal problem solving and termination situations. This workshop will focus strengthening skills in these situations and increase your ability to effectively handle difficult people problems.

Dave Miller, Karen Zanutto
Thursday, January 21, 1982, 9 am - 4:30 pm
Fee: \$40 (includes lunch)

Fantasy techniques in counselling

A professional development workshop. Despite the fact that fantasy techniques have for a long time been an integral part of a variety of approaches to counselling, it is only in recent years that the full extent of their application has begun to be explored by those in the helping profession. The last ten years has seen fantasy employed in the treatment of cancer patients, the non-surgical enlargement of female breasts, and as an approach to problem-solving. The participants of this

Professional and individual exploration (PIE)

workshop will be exposed to fantasy techniques of varying structure as well as learn some guidelines for enhancing these experiences for their clients.

Les Myers

Saturday, January 30, 1982, 9 am - 5 pm
Fee: \$40 (includes lunch)

Working with the client's resistance

Probably the greatest contribution made to psychotherapy by the late Milton Erickson was his theory of utilization. This theory maintains that the clinician can use whatever the client presents in the office (including resistant behaviors) to further therapeutic gains. During this workshop, which is for those in the helpers role, participants will be provided with the opportunity to learn and practice some of Erickson's sophisticated yet simple techniques.

Les Myers

Saturday, March 20, 1982, 9 am - 5 pm
Fee: \$40 (includes lunch)

Personal Development: Extended Programs

Note: Application deadline - 10 days prior to starting date.

Understanding your dreams

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

Les Myers

Saturday, October 3, 1981, 9 am - 5 pm
Fee: \$40 (includes lunch)

Mind games

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

Les Myers

Saturday, October 31, 1981, 9 am - 5 pm
Fee: \$40 (includes lunch)

Stress and anxiety

Stress and anxiety can influence our actions, thoughts, feelings, and physical well being. Anxiety can prevent us from performing at our best and detract from the general quality of our life. Structured experiences will be used in this workshop to help participants identify how they contribute to their feelings of anxiety, how they can cope with stress, and how they can prepare themselves for specific anxiety arousing situations. Some of the techniques to be examined are self-statements, deep relaxation (autohypnosis) and fantasy rehearsal. Two sections of this workshop are being offered. Please indicate on your registration form which section (A or B) you wish to attend.

Les Myers

Two half-day sessions

- (a) Saturday, November 21 and 28, 1981,
9 am - 12 noon
- (b) Monday, November 16 and 23, 1981,
7-10 pm

Fee: \$40

Assertiveness Training Workshop

Being assertive means being honest and open about your own feelings and acting on them in a positive, non-threatening manner. It means standing up for your own rights and dignity without infringing on the rights and dignity of others.

Assertive behaviour can be learned. The skills involved will be practised in a workshop setting which provides a supportive atmosphere and the opportunity for direct constructive feedback from other group members. Each participant will be helped to develop a personal way of expressing their assertiveness which feels comfortable to them.

Karen Zanutto

Saturday, January 16, 1982, 9 am - 4:30 pm
Fee: \$40 (includes lunch)

Life/work planning for couples

The stages of personal and professional growth that evolve in an individual's life can often feel confusing and uncertain. When the stages of growth of two people intersect the process becomes even more complex and potentially more growthful and more conflictful. This workshop will assist couples in assessing their values, interests and skills in order to set life goals. Attention will also be paid to communication and conflict manage-

ment skills.

Les Myers, Karen Zanutto

Wednesday, February 3, 10, 17, 24, 1982,
7-10 pm
Fee: \$85 / couple

Living your dying

Many people who have had close calls with death report that their lives become more vibrant and fulfilling. The facilitators of this workshop operate on the belief that coming to terms with one's own constant process of dying can greatly enhance the process of living. The structure of this workshop provides participants with the opportunity to explore and confront the meaning of their own deaths so that their lives might be enhanced.

David Jordan

Saturday, February 20, 1982, 9 am - 5 pm
Fee: \$40 (includes lunch)

Guilt: motivator and demoralizer

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

Les Myers

Saturday, April 10, 1982, 9 am - 5 pm
Fee: \$40 (includes lunch)

Guilt - motivator and demoralizer

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

Les Myers

Saturday, April 10, 1982, 9 am - 5 pm
Fee: \$40 (includes lunch)

Basic encounter weekend

March 26 - 28, 1982

Mount Carmel, Falls View, Niagara Falls

This encounter weekend is an opportunity for self-exploration in an intensive small group

Professional and individual exploration (PIE)

experience. The emphasis will be on increased awareness of self in relationship with others. In a basically unstructured group, participants will be encouraged to attend to their feelings and reactions as they develop in group interaction. Communication and Gestalt principles will guide the occasional use of structured procedures designed to increase involvement and maintain a productive direction.

The weekend will be residential and will run from 8:00 pm Friday to 4:00 pm, Sunday. Meals and accommodation are included. Enrolment limited to 15 participants. A two hour follow-up meeting about one month later will be arranged.

Facilitators: David Jordan, Les Myers

Fee: \$125 (includes room and board)

Registration deadline: February 26, 1982

Learning skills programs

Summer 1981

Study skills

(Five 2-hour sessions)

"What do I need to do to survive University? I find it hard to manage my time. I just can't concentrate. How do I write an essay? Should I prepare differently for multiple-choice and essay exams?"

Get prepared for classes in September. Sessions cover time management, concentration, note-taking, reading, essay-writing and preparing for and writing exams.

Workshop dates: Tuesday, August 18; Thursday, August 20; Tuesday, August 25; Thursday, August 27; Tuesday, September 1.

7-9 pm

Fee: \$15.00

Fall 1981

Mature student's orientation

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

Saturday, September 12th

9:00 am - 4:00 pm

Fee: \$7.00

Study skills

(Five 2-hours sessions)

An overview of study skills and habits. Includes time management, concentration, note-taking, reading, essay-writing and exams. (See summer program description).

Section A:

Tuesdays, September 15 - October 13

7-9 pm

Fee: \$15.00

Section B:

Mondays, September 21 - October 26

(excluding Thanksgiving)

6-9 pm

Fee: \$15.00

Math anxiety

(Five 2-hours sessions)

"I just can't do math. I thought if I majored in a social science like Psychology, I wouldn't have to take math. I just see a math problem and I go blank. I haven't any idea how to start. I give up on math".

This workshop, co-led by a counsellor and a mathematician, is for those who have experienced fears and frustration in dealing with math. The goal is to help you explore your past approaches and experiences re math and develop new techniques that reduce the impact of math anxiety. This will be done in a small group among people who share your concerns and difficulties.

Mondays, September 21 - October 26

(excluding Thanksgiving)

7-9 pm

Fee: \$15.00

Essay writing

(Five 2-1/2-hour sessions)

Learn the process of writing an essay (choosing and developing your topic; identifying your thesis statement; researching your topic; making an outline; writing the essay). Improve your writing style through exercises and instructor feedback.

Section A:

Wednesdays, September 23 - October 21

3 - 5:30 pm

Fee: \$15.00

Section B:

Tuesdays, September 29 - October 27

7 - 9:30 pm

Fee: \$15.00

Section C:

Saturdays, October 24 - November 21

9:30 - 12 noon

Fee: \$15.00

Skills for seminar participation

(Four 2-hour sessions)

Is this your first experience with seminars? Do you hesitate to speak up because you're not sure what's expected? Do you wonder what you have to add to a discussion? Do you think that some people in seminar seem to know so much already?

Learn how to participate in seminars; how to

prepare; how to feel more relaxed and confident. Understand how seminars function and how you can learn the most from them.

Thursdays, October 1 - October 22

1 - 3 pm

Fee: \$10.00

Effective reading

(Five 2-1/2-hour sessions)

Improve your understanding of what you read. Learn to use different reading methods depending on your purpose for reading and the difficulty of the content. Topics to be covered include reading rate, reading habits, reading flexibility, concentration and memory. Skills focussed on will be: previewing, skimming, scanning, reading for main ideas and details, reading for critical comprehension and how to read exams.

A reading/study method will also be taught.

Saturdays, October 17 - November 14

9:30 - 12 noon

Fee: \$15.00

Effective procrastination

(Two 2-hour sessions)

Do you work well under pressure? Do you leave things to the last minute and pull frequent all-nighters? Do you promise yourself at the end of each year that "next year will be different"?

In this workshop you will explore the dynamics of procrastination in general, and look specifically at your own process and techniques of procrastination.

You are unlikely to emerge from this workshop as a non-procrastinator, rather, you will learn about procrastination and perhaps learn some things about yourself and others that will help you to live more effectively with your procrastination.

Tuesdays, October 20th and October 27th

7 - 9 pm

Fee: \$5.00

Essay/research clinic

(one 2-hour session)

This program is still in the planning stages so full details are not available at this time.

Present plans are for a two-hour program to be co-led by a librarian and an essay writing instructor. The first hour will focus on the use of the library information system for research purposes and the second hour will focus on the steps involved in writing a research paper.

It is hoped that this program will be under way by October with several sessions being offered in the library throughout the year. Please watch for program announcements in the library and the Press or check with the Counselling Centre near the end of August.

People to contact

For further information about any of the programs and courses listed in this brochure:

Part Time Programs office
684-7201, ext. 249

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

Liaison and Information office
684-7201, ext. 245

For admissions and registration information, and academic counselling:

Registrar's office
684-7201, ext. 434

For details about scholarships and student loans:

Student Awards office
684-7201, ext. 252

The Brock Centre for the Arts

Box office
684-6377

For information about athletic programs and varsity sports:

Physical Education office
684-7201, ext. 385

The University's mailing address is:

Brock University
St. Catharines, Ontario
L2S 3A1



College of Education continuing studies

Continuing studies

The department of Continuing Studies, Brock College of Education was created in order that the College might more effectively meet the community's continuing educational needs. One of its major roles is the administration of the Route II BEd program. The courses in this program are designed to meet ministry of Education requirements for additional qualifications for teachers and administrators of Ontario schools. A number of these programs are being offered during the winter session. It is hoped that the offerings will meet the needs of a good number of teachers and administrators in the region.

Master of Education (MEd) program

The College of Education offers a professional degree at the master's level for practicing teachers. This program makes it possible to specialize in one of three defined areas: curriculum studies, educational administration, and teacher behavior.

These courses are offered on a regular basis during the winter day and evening, spring evening and summer day sessions. Students are admitted to core courses during the fall, and may commence electives after the core subjects are successfully completed. The eight half courses required for the degree, which includes an exit project or thesis, can usually be completed through part time studies in two years.

For more information, contact the graduate officer, Mrs. S. Booth, in the Registrar's office. Prof. A. Bennett, the chairman of the graduate program, will also be happy to answer any questions.

BEd program Route II (in-service)

The College of Education is happy to announce the introduction of a new BEd program designed for teachers interested in continuing their professional education and seeking endorsement of their OTC by the Ontario ministry of Education.

Program requirements

The requirement for the degree is the completion of a minimum of five courses numbered EDUC 411 or above (excluding EDUC 495), of which three will be in a specialized area. The sequential numbering of courses indicates the specialized area. It should be noted that the sequences coincide with the ministry of Education three-session course leading to additional qualifications e.g. Special Education EDUC 417, EDUC 418 and EDUC 419 are courses which will lead to successful students being recommended for the Special Education qualifications parts I, II, and III. Students may complete the requirements for the degree by selection of two additional courses from those as outlined above.

Admission to the program

Admission to the program is open to anyone possessing a teaching qualification (NB: candidates wishing to have courses recommended to the ministry of Education must hold an OTC). While entry to the program is not restricted to those holding an undergraduate degree, the award of the degree will be withheld until the candidate provides evidence of completion of an undergraduate degree acceptable to Brock University.

Students not interested in completing the entire program should note:

1. Transcripts showing work completed towards the degree will be available from the registrar.
2. Recommendation to the ministry of Education for endorsement of the OTC is not dependent on a candidate's completing the total requirement for the BEd degree.

For further information, contact the chairman, department of Continuing Studies.

Advanced standing

Students who complete ministry of Education courses through the College after June 30, 1979 may be eligible to receive up to two courses in advance standing towards the BEd degree Route II. For further information, contact the chairman, department of Continuing Studies.

Brock annual educational conference

Education of the Gifted

Presented in cooperation with the College of Education, the public and separate school boards of Lincoln and Niagara, the ministry of Education, and the Ontario Institute for Studies in Education.

A variety of sessions emphasizing current and related topics will be offered.

Keynote address and
Workshop sessions
Friday, May 7, 1982

For further information, contact Prof. Vic Cicci, chairman, Continuing Studies, (416) 684-7201, ext. 346.

Scheduling of courses 1981-82

The following courses will be offered pending sufficient enrolment. All courses will have a maximum enrolment figure as well. Candidates are asked to send in their applications as soon as possible.
The fee per course is \$198.



College of Education

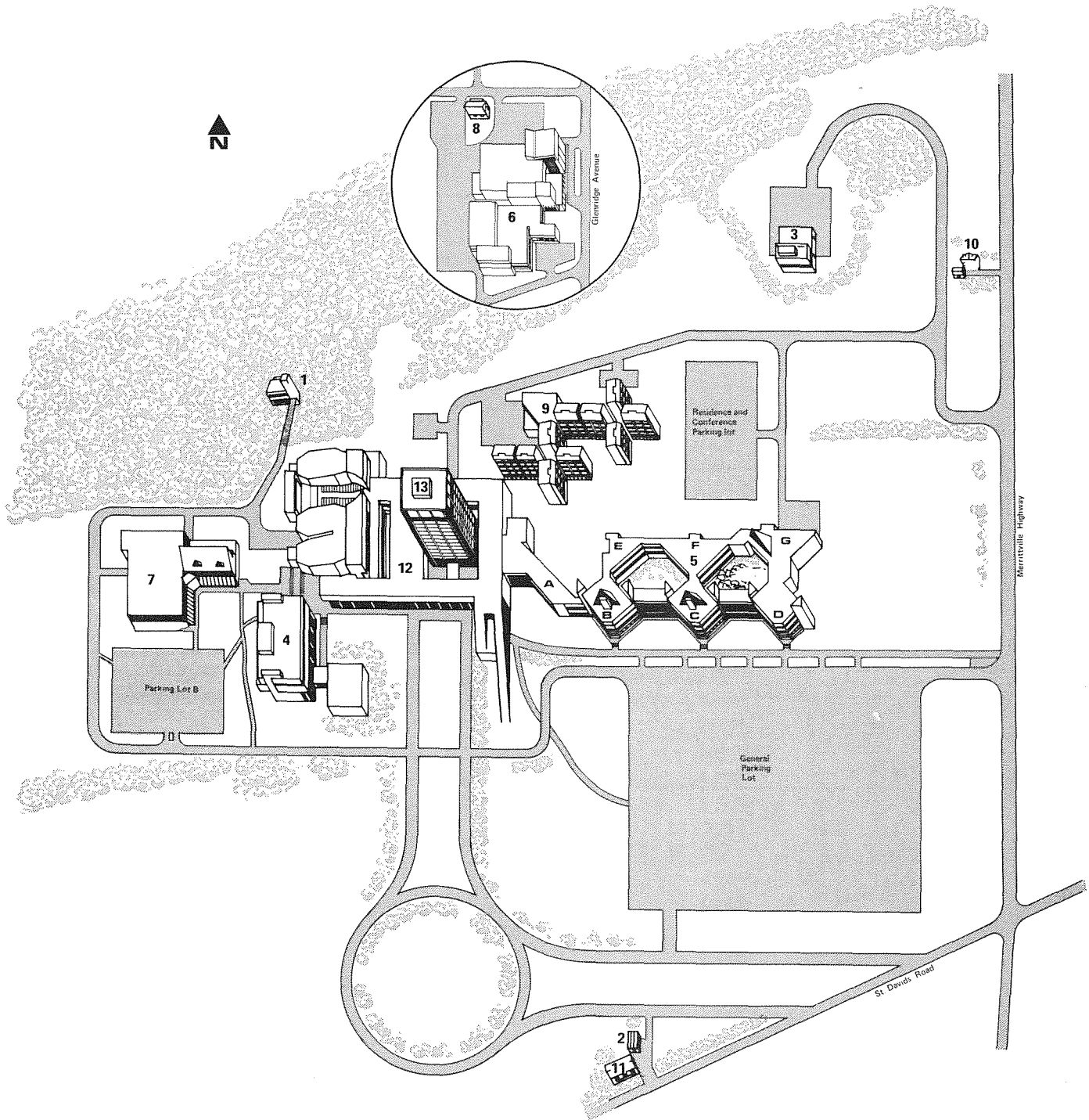
continuing studies

COURSES (Sept. to March)			LOCATION
One session divisional			
Intermediate	Math	Ed 485	Brock Col. of Ed.
	Science	Ed 486	Brock Col. of Ed.
	English	Ed 487	Brock Col. of Ed.
	History	Ed 488	Brock Col. of Ed.
	Geography	Ed 489	Brock Col. of Ed.
Intermediate/Senior	Computer Science	Ed 490	Brock Col. of Ed.
One session courses			
Assessment of teaching Performance (Associate Teacher)		Ed 470	Brock Col. of Ed.
Law Related		Ed 471	Brock Col. of Ed.
Prog. Measurement & Evaluation (OAIP)		Ed 499hc	Brock Col. of Ed.
Integrated arts		Ed 457	t.b.a. (Welland)
Childhood Education		Ed 432	Hamilton - Blessed Sacrament
Lang. Difficulties - Aphasia		Ed 431	Brock Col. of Ed.
Three Session Courses			
English as a second language	Part 1	Ed 467	Hamilton - school t.b.a. and Brock Col. of Ed.
	Part 2	Ed 468	
Family Studies	Part 2	Ed 435	St. Cath. P.K. Kerwin
French as a second language	Part 1 & 2	Ed 411-12	Brock Col. of Ed.
Guidance	Part 2	Ed 465	Brock Col. of Ed.
Librarianship	Part 2	Ed 428	Hamilton E. Bagshaw School
Media	Part (t.b.a.)	Ed 447	M. M. Robinson H.S. Burlington
Music P/J Vocal	Part 1	Ed 414	Brock Col. of Ed.
	Part 2	Ed 415	
	Part 3	Ed 416	
Physical Education P/J	Part 1	Ed 441	Ham. Southmount Sec. School Nia. Falls Carmel Senior School Cayuga - Cayuga High School
	Part 2	Ed 442	
Physical Education I/S	Part 1	Ed 444	Ham. Southmount Sec. School
	Part 2	Ed 445	
Primary Education	Part 2	Ed 438	Brock Col. of Ed.
Reading	Part 1	Ed 421	Brock Col. of Ed.
	Part 2	Ed 422	Hamilton - St. Mary's H.S.
Religious Education	Part 1	Ed 454	Nia. Falls - Mt. Carmel
Special Education	Part 1	Ed 417	Ham. St. Mary's and Brock Col. of Ed.
	Part 2	Ed 418	
Teaching Trainable Retarded	Part 1	Ed 496hc	Ham. (t.b.a.) and Brock - Lingarden, St. Catharines
	Part 2	Ed 497hc	
Visual Arts	Part 1	Ed 451	Brock Col. of Ed.
	Part 2	Ed 452	Brock Col. of Ed.

For additional information and application forms, please contact: Registrar's office Brock University St. Catharines, Ontario L2S 3A1

(416) 684-7201, ext. 434.

Campus guide



Campus guide

Buildings

1. Campus centre (pub)
2. Carpentry shop
3. Central Utilities
4. College of Education
5. East Block
6. Glenridge science complex
7. Physical Education centre
8. Psych House
9. Residence
10. Scollay House
11. Symphony House
12. Thistle complex
13. Tower

Academic departments

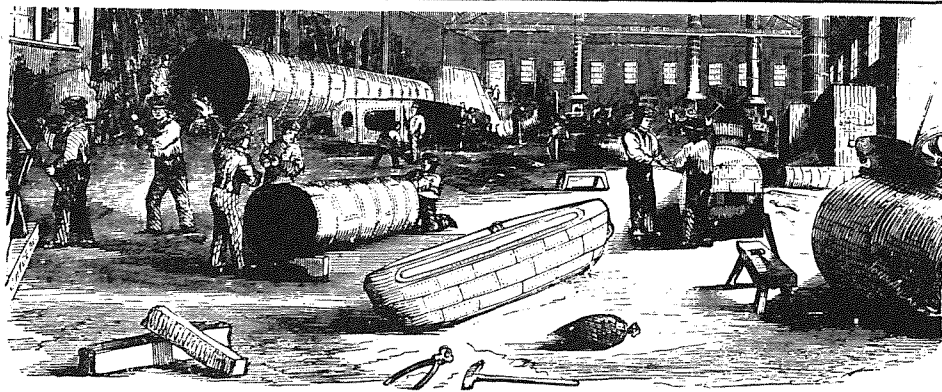
Administrative Studies, East Block E206
Asian Studies, Tower 1236
Biological Sciences, Glenridge 127
Chemistry, Glenridge 80
Child Studies, College of Education 109
Classics, Tower 1227
Computer Science, East Block G300
Drama and Film Studies, Thistle 134
Economics, Tower 1217
Education, College of Education
English, East Block F208
Geography, East Block C322
Geological Sciences, East Block D410
Germanic and Slavic Studies, Tower 1119
History, East Block C418
Mathematics, Tower 1112
Music, Thistle 143
Philosophy, Tower 1236
Physical Education, Phys.ed centre 213
Physics, Glenridge 73
Politics, East Block F206
Psychology, East Block B325
Religious Studies, East Block A203
Romance Studies, Tower 1126
Sociology, East Block B306
Urban and Environmental Studies,
Tower 1001

Facilities and services

Alumni lounge, Tower 13th floor
Alumni office, Thistle 263b
Bank of Nova Scotia, Thistle corridor
Board room, Tower 13th floor
Book Store, Thistle corridor

Cafeterias

Carousel, East Block, A pod
residence
tower, first floor (basement)
Chaplain's office, Residence 212
Computer centre, East Block F300
Counselling centre, Thistle 270
Faculty and staff club, Tower 13th floor
Finance office, Tower 1012
Food services, tower and residence
cafeterias
General Brock store, Thistle 252
Health Services, Thistle 269
Instructional Media centre, Thistle 235
Language labs, Tower 901
Liaison and Information office, Thistle 265
Library, Tower
Liquor services, Campus centre
Mailroom, Thistle 151A
Part Time Programs office, Thistle 264
Photographic services, Tower 904
Placement office, Residence 201
Pond Inlet refectory, East Block, D pod
Print Shop, Thistle 151
Purchasing, Tower 1016
Registrar's office, East Block A206
Rosalind Blauer centre for child care,
College of Education
Security services, Thistle 272
Senate chambers, East Block, A pod
Student Awards office, Thistle 271b
Students' Union, Thistle 828
Technical services, Glenridge 28, 29, 129



Please note

All cheques should be made payable to Brock University.

Questions regarding the general interest courses should be directed to the Part Time Programs office, 684-7201, EXT. 477. If you would like to know more about any of the PIE programs, contact the Counselling centre, 684-7201, ext. 240.

Early registration is encouraged. Courses with limited enrolments will be filled as applications are received.

To Be Used For Degree Studies Only

Application for Admission

to Part-time Studies

OFFICE OF THE REGISTRAR
416 684-7201, EXT. 262

SOCIAL INSURANCE NUMBER															

PLEASE SEE REVERSE SIDE FOR INSTRUCTIONS

REFERENCE NUMBER															
FOR OFFICE USE ONLY															

1-11
(PLEASE PRINT)

MR. <input type="checkbox"/> MRS. <input type="checkbox"/>		SURNAME:		GIVEN NAMES (ALL NAMES IN FULL, AS ON BIRTH CERTIFICATE)				SEX: <input type="checkbox"/> MALE	
MS. <input type="checkbox"/> MISS <input type="checkbox"/>		1-30		1-50				1-70 <input type="checkbox"/> FEMALE	
ADDRESS:									
NUMBER 2-11		STREET				APARTMENT		CITY 3-11	
PROVINCE 3-50		COUNTRY 3-54		POSTAL CODE 3-59		TELEPHONE NUMBER 3-70			
MARITAL STATUS:		FORMER SURNAME:		DATE OF BIRTH:		CITIZENSHIP:		IF NOT CANADIAN:	
SINGLE <input type="checkbox"/> DIVORCED <input type="checkbox"/> WIDOWED <input type="checkbox"/> 3-80		<input type="checkbox"/> MARRIED <input type="checkbox"/> SEPARATED <input type="checkbox"/>		4-30 DAY MONTH YEAR		CANADIAN <input type="checkbox"/> 0 LANDED IMMIGRANT <input type="checkbox"/> 1 STUDENT VISA <input type="checkbox"/> 2 OTHER VISA <input type="checkbox"/> 3 4-50		4-51 COUNTRY OF CITIZENSHIP DATE OF ENTRY INTO CANADA	
EMPLOYMENT: IF EMPLOYED, NAME AND ADDRESS OF EMPLOYER								BUSINESS TELEPHONE:	
								4-70	
MOTHER TONGUE:		ENGLISH		FRENCH		OTHER (PLEASE SPECIFY) 4-80			
SECONDARY SCHOOL(S) ATTENDED		LOCATION OF SCHOOL		GRADE COMPLETED		YEAR			
						FROM 19..... TO 19.....			
						FROM 19..... TO 19.....			
ALL POST-SECONDARY INSTITUTIONS ATTENDED:									
NAME OF INSTITUTION AND LOCATION		PROGRAMME		DEGREE OR CERTIFICATE OBTAINED		YEAR			
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I AM APPLYING FOR ADMISSION AS: (please check one)		<input type="checkbox"/> ONTARIO GD XIII GRADUATE (OR EQUIVALENT);		<input type="checkbox"/> A MATURE STUDENT;		<input type="checkbox"/> A TRANSFER STUDENT FROM A COLLEGE OR UNIVERSITY;		<input type="checkbox"/> AUDITOR - NO CREDIT	
		<input type="checkbox"/> A SPECIAL STUDENT HOLDING A DEGREE;		<input type="checkbox"/> AS A STUDENT ON A LETTER OF PERMISSION FROM _____ (HOME UNIVERSITY)					
		<input type="checkbox"/> NON-DEGREE - ONE FULL COURSE OR EQUIVALENT ONLY PER SESSION							
I INTEND TO STUDY FOR: (please check one)		A CERTIFICATE PROGRAM IN:		<input type="checkbox"/> ADMINISTRATIVE STUDIES;		<input type="checkbox"/> COMPUTER SCIENCE;		<input type="checkbox"/> URBAN ENVIRONMENTAL STUDIES	
		<input type="checkbox"/> B.A.;		PROPOSED MAJOR(S) _____					
		<input type="checkbox"/> B.Sc.;		PROPOSED MAJOR(S) _____					
		<input type="checkbox"/> B.Ph.Ed.		<input type="checkbox"/> B.Admin.					
SESSION FOR WHICH APPLICATION IS MADE		<input type="checkbox"/> FALL WINTER;		<input type="checkbox"/> SPRING EVENING;		<input type="checkbox"/> SUMMER DAY			
HAVE YOU EVER APPLIED TO BROCK UNIVERSITY?		<input type="checkbox"/> YES		<input type="checkbox"/> NO					
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 _____				

PLEASE SEE OVER FOR NOTES

