

ENGL244 - Survey of Western Literature

A survey of fiction in English and translation. Texts will be analyzed and evaluated with reference to a variety of contexts, including particular themes, aesthetic values and methodological approaches. In 1998-99, the major theme addressed will be "Constructions of Sex and Gender in 19th and 20th Century Literature."

ENGL253 - Writing on the Computer

The course demonstrates the ability and benefits of using the computer as a writing tool. The course stresses the production of properly edited and formatted written communications through the use of word processing, various on-line resources, including the Internet, collaborative writing techniques, and graphical integration. Prerequisites include computing skills at an advanced beginner level.

ENGL254 - Perspectives on Love

A study of literature — fiction, non-fiction, and poetry — which deals with the themes of love and romance. These texts will be analyzed, discussed and compared with reference to their particular historical and cultural contexts. Texts will also be used as a means of exploring effective communication strategies including choice of rhetoric, vocabulary, and style.

ENGL255 - Contemporary Canadian Literature

ENGL 255 involves a study of Canadian novels and short stories of the contemporary period (1965 - present). Works will be analyzed from a number of perspectives (historical, ideological, thematic, etc.). Some major thematic concerns will be coming of age, the role of women, the use of humour and irony.

ENGL270 - Critical Reading and Writing

An academic reading and writing course that offers students the opportunity to develop and test their ideas on a particular subject, for example, "Representations of Change and Development in Adolescence in Contemporary Fiction and Non-Fiction." By following a sequence of reading and writing assignments dealing with professional and student autobiography, fiction, and non-fiction, students should develop their command of activities important to academic study: reading, writing, reporting, interpreting, and discussing.

ENGL289 - English for Academic Purposes II

ENGL 289 will assist students with an ESL background to reinforce competency in oral expression, listening, reading, and writing that will enable them to function at an appropriate post-secondary level in communicating skills.

ENGL328 - Writing with the Computer

Designed to enable students to polish the writing skills required in composing narration, reporting on research and publishing on the computer.

ENGL360 - A Survey of American Literature

A survey, primarily chronological in nature, of American literature from colonial times to the 20th Century. Various periods of literature are set into the context of major

philosophical, religious, intellectual and artistic movements reflected in American letters and art; and examination of key writers and seminal representative works of these authors is undertaken for each literary era or trend studied. Some parallels between the literature of America and Britain will be drawn during the course.

HLTH105 - Health & Community

The purpose of this course is to introduce students to important aspects concerning their own health and health care. The course begins by examining allopathic and alternative medical practices and methods of obtaining and evaluating health information. The next unit looks at the importance of health and safety regulations. Subsequent units on stress, infectious diseases, nutrition, and drugs are designed to enable students to make wise choices for a healthy lifestyle.

MATH128 - Mathematics

This course is designed to provide students with the necessary mathematical skills for solving problems in the Health Technology Programs. The course will include operations with real numbers and algebraic expressions, solving and graphing equations with introduction to data analysis, operations and factoring of polynomials, and simplifying rational expressions and equations.

MATH228 - Mathematics

Designed to provide students with the more advanced algebraic skills, included will be; exponents, radicals, logarithms and quadratic equations. Students will be required to solve problems using the above skills. The course will conclude with an introduction to counting methods, probability and statistics.

PHYS136 - Physics for Pre-Health Term I

This is an introductory level course to prepare students for further studies in physics in college health sciences and technology programs. The course is primarily conceptual in nature with a significant problem solving component. The course covers the following major topics: kinematics; motion and force (dynamics); circular motion; work and energy; impulse and momentum; rotational motion.

PHYS296 - Physics for Pre-Health Term II

This course is part II of an introductory physics course designed to prepare students entering a health-care related profession. The course emphasizes the following major topics: fluids, heat, electricity, magnetism, and electromagnetic induction.

PSYC113 - Interpersonal Relations

This course is designed to assist the student in developing a greater understanding of the basic psychological principles related to human behaviour required to gain a greater understanding of self, the development of successful interpersonal relationships and overall life adjustments both as an individual and as a member of society.

PSYC213 - Interpersonal Relations

This course is designed to assist the student in developing a greater understanding of the basic psychological principles related to human behavior necessary for a greater understanding of self, the development of successful interpersonal relationships and overall life adjustments both as an individual and as a member of society. This information will assist the student in choosing effective methods of building positive interpersonal relationships in his/her personal and professional life.

Application Procedure

In order to apply for admission to this program an applicant must complete an "Application for Admission to Ontario Colleges of Applied Arts and Technology" form and submit this form to the:
Ontario College Application Services
P.O. Box 810, Guelph, Ontario, N1H 6M4
1-888-892-2228

Application Forms and Applicant Guidebooks are available at Ontario Secondary Schools, at Ontario Colleges of Applied Arts and Technology and at the Ontario College Application Services office.

Admission to the College

Complete information concerning admission to programs at Fanshawe College may be found in the Central Admission Publication located in the Office of the Registrar, Fanshawe College.

The College reserves the right to make changes in the information in this brochure without prior notice.

The College reserves the right to cancel at any time a program, course, program major or option, change the location and/or term in which a program or course is offered, or withdraw an offer of admission both prior to and after its acceptance by an applicant or student because of insufficient applications or registrations, over-acceptance of offers of admission, budgetary constraints, or for other such reasons. In the event the College exercises such right, the College's sole liability will be the return of any monies paid by the applicant or student to the College.

This brochure is available in alternative formats, upon request, for persons with disabilities.

For further information on admission and registration, contact:
Office of the Registrar, (519) 452-4277

For further specific program information, contact:
Health Sciences Division: (519) 452-4207

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Printed in Canada 00 11 03

Fanshawe COLLEGE

Pre-Health Science



*Community Driven...
Student Focused*

Pre-Health Science

A One Year Certificate Program
 Program Code: PHS1 Campus Code: LC
 LC - London September Admission
 Health Sciences Division: (519) 452-4207

Current Grade 9 and Grade 10 Secondary School students considering admission to this program for September, 2003 and beyond should consult the 2001/2002 Fanshawe College Program Guide for the academic admission requirements for 2003/2004.

The Pre-Health Science program is designed to provide students with the opportunity to study subject areas relevant to allied health technology and to provide an appreciation and understanding of the professional responsibilities of the allied health disciplines.

PHS11	Level 1	Hrs/Wk
BIOL130	Human Biology I	3.0
CHEM141	Chemistry for Pre-Health	3.0
HLTH105	Health and Community	3.0
MATH128	Mathematics	3.0
PHYS136	Physics for Pre-Health Term I	4.0
PSYC113	Interpersonal Relations	2.0
<i>Select 1 of the following:</i>		
ENGL115	Reading and Study Skills 350	3.0
ENGL131	Practical Writing	3.0
ENGL143	Grammar and Editing Skills	3.0
ENGL253	Writing on the Computer	3.0
ENGL144	Survey of Western Literature	3.0
ENGL225	Effective Writing	3.0
ENGL255	Contemporary Canadian Literature	3.0
ENGL360	A Survey of American Literature	3.0
ENGL189	English for Academic Purposes	4.0

PHS12	Level 2	Hrs/Wk
BIOL230	Human Biology II	3.0
CHEM252	Chemistry - Pre-Health	3.0
CHEM253	Chemistry Lab	3.0
COPT151	Computer Applications Level I	3.0
MATH228	Mathematics	3.0
PHYS296	Physics for Pre-Health Term II	4.0
PSYC213	Interpersonal Relations	2.0
<i>Select 1 of the following:</i>		
ENGL115	Reading and Study Skills 350	3.0
ENGL143	Grammar and Editing Skills	3.0
ENGL131	Practical Writing	3.0
ENGL253	Writing on the Computer	3.0
ENGL254	Perspectives on Love	3.0
ENGL225	Effective Writing	3.0
ENGL244	Survey of Western Literature	3.0
ENGL270	Critical Reading and Writing	3.0
ENGL328	Writing with the Computer	3.0
ENGL289	English for Academic Purposes II	4.0

Notes:

- Admission to the Pre-Health Science program does not guarantee admission in a subsequent year to any College program. Successful completion of the Pre-Health Science program, however, does enable the student to be given additional consideration when applying for one of the following programs:
 - Paramedic
 - Dental Assistant (Level I and II)
 - Practical Nursing
 - Medical Radiation Technology
 - Respiratory Therapy
 - Pharmacy Technician
 - For Nursing - see * below

In order to be considered for a health career program, students who register the Pre-Health Science program must successfully complete every course in the Pre-Health Science program. Students must also achieve a minimum grade in each course in the Pre-Health Science program in order to be eligible for consideration for admission in the following academic year to any of the above career programs. The minimum grade required in each course varies depending on the intended career program. Consult the individual career program's 'Required Academic Preparation' section for details concerning these requirements.

- * The Nursing program will be offered as a four year collaborative program with the University of Western Ontario leading to a Bachelor of Science in Nursing Degree (BScN). The Fanshawe College Pre-Health Science program prepares applicants for the Nursing program who lack the secondary school requirements. In order to be eligible for admission consideration to the Nursing program, students must successfully complete all courses in the Fanshawe College Pre-Health Science program with a minimum grade of 'B' in each course. Only applicants with a certificate from the Fanshawe College Pre-Health Science program will be considered for admission to the Nursing program in lieu of the stated secondary school requirements. It is important to note that as of January 1, 2005, all new applicants for professional registration must hold a baccalaureate degree in nursing.

Program Eligibility Criteria

Required Academic Preparation

OSSD with courses at the General Level with:
 - Grade 12 Mathematics for Technology*
 Or
 BTSD-Level 4 Certificate
 Or
 Ontario High School Equivalency Certificate (GED) and:
 - Grade 12 Mathematics for Technology*
 Or
 Mature applicant with standing in the required course stated above

Note:

*OAC Finite Mathematics is also acceptable

Recommended Academic Preparation

- Grade 12 English
- Grade 11 or Grade 12 Sciences (Biology, Physics, Chemistry)

Recommended Personal Preparation

Students should develop personal responsibility, emotional maturity and those personal characteristics which will enable them to co-operate with others in the delivery of health care.

Applicant Selection Criteria

Where the number of eligible applicants exceeds the available spaces in the program, the Applicant Selection Criteria will be:

- Preference for Permanent Residents of Ontario.
- Receipt of Application by February 1st.
- Achievement in the required academic preparation.
- Achievement in the recommended academic preparation.

Approximate Costs (2000/2001)

Fees for: Levels 1 & 2
 \$2143.90
 Books and Supplies: \$ 915.00

Program Progression



Course Descriptions

BIOL130 - Human Biology I

BIOL130 is the first of a two part course which introduces normal structure and function of body systems in order to prepare the student for advanced anatomy and physiology courses offered in Health Sciences.

BIOL230 - Human Biology II

BIOL230 is the second of a two-part course which introduces normal structure and function of body systems in order to prepare the student for advanced anatomy and physiology courses offered in Health Sciences.

CHEM141 - Chemistry for Pre-Health

This course emphasizes the molecular view of chemical principles and will present and use the qualitative and quantitative equations of basic chemistry and apply them to chemical problems. Examples from inorganic, organic, industrial, and biological chemistry will be used to illustrate these underlying principles as well as applications to the various Health Science Programs.

CHEM252 - Chemistry - Pre-Health

Emphasizes the molecular view of chemical principles and will present and use the qualitative and quantitative equations of basic chemistry and apply them to chemical problems. Examples from inorganic, organic, industrial, and biological chemistry will be used to illustrate these underlying principles as well as applications to the various Health Sciences Programs.

CHEM253 - Chemistry Lab

This course is the laboratory component which emphasizes the practical application of the theory learned in CHEM 141 and CHEM 252 as well as safety procedures.

COPT151 - Computer Applications Level I

Students will be introduced to software applications used in the workplace. The fundamentals of the Windows operating system, Microsoft Word, Microsoft Excel, and the Internet are introduced.

ENGL115 - Reading & Study Skills 350

The skills taught include development in reading and study skills with an emphasis on speed of comprehension and vocabulary enrichment.

ENGL131 - Practical Writing

Designed to develop the students' skills in the writing process: selecting and limiting a subject, formulating a thesis, organizing and developing ideas to support the thesis, and writing and editing the essay. This course also introduces the research paper.

ENGL143 - Grammar and Editing Skills

This course will provide the student with an understanding of a number of important grammar and punctuation rules. Such an understanding will allow the student to edit effectively his/her own writing structure and thus achieve his/her intended result.

ENGL144 - Survey of Western Literature

A survey of fiction in English and translation. Texts will be analyzed and evaluated with reference to a variety of contexts, including particular themes, aesthetic values and methodological approaches. In 1998-99, the major theme addressed will be "Constructions of Sex and Gender in 19th and 20th Century Literature." Antirequisite: HUMA 105 - Sex and Gender in Literature

ENGL189 - English for Academic Purposes

Will assist students with an ESL background to develop competency in oral expression, listening, reading, and writing that will enable them to function at an appropriate post-secondary level in communication skills.

ENGL225 - Effective Writing

Offers an integrated approach to the polishing of reading and writing skills. Students will read, analyse, discuss and write about a variety of texts, both fictional (short stories) and non-fictional (essays).