BACHELOR OF EDUCATION IN TECHNOLOGICAL EDUCATION

WELCOME TO THE FACULTY OF EDUCATION

The driving force behind York's Faculty of Education is the belief that where there is education, there is also a powerful transformation. As one of the largest Faculties of Education in Ontario, we strive to provide passionate, creative people with an inspiring environment where they can cultivate their interests, gain the tools they need to motivate students and engage communities, actively contribute to the evolution of education and become powerful catalysts for change themselves.

All of our programs are built on a solid ethical foundation and are infused with strong principles including equity, diversity, community, collaboration, interdisciplinarity and social justice.

Foster the skills of teaching, mentoring and learning

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TECHNOLOGICAL EDUCATION

York University's Faculty of Education offers degree programs that align with the Ontario Technological Education curriculum.

Successful graduates of the program will be qualified to teach one of the following technological subjects at the Intermediate/ Senior (grades 9-12) certification levels:

- Communications Technology
- Computer Technology
- Construction Technology
- Green Industries
- Hairstyling and Aesthetics
- Health Care
- Hospitality and Tourism
- Manufacturing Technology
- Technological Design
- Transportation Technology

How can YOU benefit from a Bachelor of Education in Technological Education?

In school teaching:

- Currently there are teaching positions available in technological education in secondary schools throughout Ontario that require qualified technological education teachers.
- Teaching is an excellent career path with great job security and benefits.
- You can choose to apply for positions in the teaching profession in Ontario at any time in your career by maintaining good standing with the Ontario College of Teachers.
- Opportunities may exist for teaching your subject across Canada and internationally.

Outside school teaching:

- Small, medium and large companies are searching for trainers in their organizations who have a teaching degree or background in education.
- There are opportunities to start your own training company.

INTERESTED IN APPLYING?

Students who are interested in the BEd Technological Education can apply through one of the following options.

The Consecutive BEd in Technological Education

Open to individuals who:

1. Have a recognized **three-year Advanced Diploma* in a technology field that aligns with the Technological Education curriculum from a recognized College program.** Applicants are required to have a minimum of a "B" average *and* a minimum of two years of related work experience prior to graduating from the York BEd Technological Education program.

2. Have a recognized **degree in a technology field that aligns with the Technological Education curriculum from a recognized College or University program.** Applicants are required to have a minimum of a "B" average *and* a minimum of two years of related work experience in the area of their degree prior to graduating from the York BEd Technological Education program.

3. Have a recognized **degree *and* five years of work experience in a technology field that aligns with the Technological Education curriculum.** These applicants are required to have a minimum of a "B" average.

4. Have a **Certificate of Qualification in a technology field that aligns with the Technological Education curriculum**** in good standing with the Ontario College of Trades. These applicants are required to have a minimum of two years of related work experience prior to graduating from the York BEd Technological Education program.

*Visit **http://edu.yorku.ca/advanced-college-diplomas** for a list of three year Advanced College Diplomas.

** Contact the Office of Students Services at osp@edu.yorku.ca to inquire about the Certificate of Qualification.

Students apply through the Ontario Universities' Application Centre (OUAC) website at **www.ouac.on.ca.**

Deadline to apply is June 1.

The Concurrent BEd in Technological Education

Open to York University students who are pursuing a degree in a related technology field* who are currently in the third year of their program. Applicants are required to have a minimum of a "B" average and a minimum of two years of work-related experience in the area of their degree prior to graduating from the York BEd Technological Education program.

* Visit **http://edu.yorku.ca/york-degree-programs** for a list of York Degree programs.

York students submit the Faculty of Education online supplementary application form, which includes experience hours/summary, a personal statement and two online letters of reference. The supplementary application form is available through York U. MyFile, which can be found at **www.yorku.ca/myfile**.

Deadline to apply is March 31.

CONSECUTIVE MODEL

Year 1	Bachelor of Education Degree (September-April)	Vacation (May-August)
Year 2	Bachelor of Education Degree (September-April)	Graduate (June)

CONCURRENT MODEL

Year 1	York University Honours Degree (September-April)	Vacation Co-op/Work Experience 4 months (May-August)
Year 2	York University Honours Degree (September-April)	Vacation Co-op/ Work Experience 4 months (May-August)
Year 3	York University Honours Degree (September-April)	Vacation Co-op/Work Experience 4 months (May-August)
Year 4	Bachelor of Education Degree (September-April)	Vacation Co-op/Work Experience 4 months (May-August)
Year 5	York University Honours Degree (September-April)	Vacation Co-op/Work Experience 4 months (May-August)
Year 6	Bachelor of Education Degree (September-April)	Graduate (June)*

* You are eligible to graduate with your Bachelor of Education degree when you have completed two years of full-time equivalent work experience in an area that aligns with your degree. Up to one year of cooperative education can be counted towards your two years of work experience.

FOUR-SEMESTER BACHELOR OF EDUCATION PROGRAM FACULTY OF EDUCATION, YORK UNIVERSITY

Common Courses (27 credits)

- ☐ Child Development and Health 3.00 (EDFE 1100) OR Adolescent Development and Health 3.00 (EDFE 1101)
- ☐ Studies in Communities and their Schools (includes Community Placement) 3.00 (EDPR 1000)
- ☐ Foundations of Education 3.00 (EDFE 1200)*
- ☐ Inquiries into Learning 3.00 (EDFE 2100)
- ☐ Theory into Practice 3.00 (EDFE 2200)*
- ☐ Teaching for Diverse and Equitable Classrooms in Ontario 3.00 (EDFE 3100)
- ☐ Content into Practice 3.00 (EDFE 3200)
- ☐ Inclusion and Disabilities in Education 3.00 (EDFE 1300)
- ☐ Research into Practice 3.00 (EDFE 4200)

*may be offered as 6.00-credit blended course "Foundations of Education and Theory into Practice"

Practicum Placements (9 credits)

- ☐ Practicum 3.00 (EDPR 2000)
- ☐ Practicum 3.00 (EDPR 3000)
- ☐ Practicum 3.00 (EDPR 4000)

Technological Education (I/S) (15 credits)

- ☐ New Media Literacies and Culture 3.00 (EDIS 3610)
- ☐ Teaching Technological Education in the Intermediate/Senior Divisions – Part A and B 3.00 + 3.00 = 6.00 (TECH 4000 and TECH 4001)
- ☐ Curriculum Connections for Technological Education 3.00 (TECH 4050)
- ☐ Teaching Design Thinking within Technological Frameworks 3.00 (TECH 4051)**

** This course may be replaced with a second teaching subject, as appropriate: Teaching (second teaching subject) Part A and B 3.00 + 3.00 = 6.00 (XXXX 4000 and XXXX 4001)

Education Elective Courses (9 credits)

- ☐ Free-choice elective
- ☐ Free-choice elective
- ☐ Free-choice elective

GRADES 9-12 TECHNOLOGICAL EDUCATION CURRICULUM GUIDELINES

NOTE: This text is taken directly from *The Ontario Curriculum, Grades 11 and 12 - Technological Education, 2009 (revised)* found at https://www.edu.gov.on.ca/eng/curriculum/secondary/2009teched1112curr.txt

Communications Technology

Communications technology courses are project-based and will provide students with opportunities to acquire the knowledge and skills required to design, use, and manage electronic, live, recorded, and graphic communications systems, specifically in the areas of TV, video, and movie production; radio and audio production; print and graphic communicatis; photography; digital imaging; broadcast journalism; and interactive new media and animation.

Computer Technology

It includes the related areas of computer hardware and software; computer interfacing, programming, and networking; analog and digital electronics; and robotics. Computer technicians, technologists, and engineers work in every sector of society, in careers ranging from building and repairing computer systems to designing and installing computer networks, to designing and building prototype robots and electronic devices.

Construction Technology

It is a multifaceted industry in which projects can result in products, systems, processes, or services and encompass various aspects of production, repair, and maintenance. In construction technology courses, students will learn about designing, constructing, and maintaining a variety of buildings and structures, and will gain experience with the tools, equipment, and processes commonly used in the field. Students will also learn about health and safety standards in the construction industry.

Green Industries

Green industries courses offer students opportunities to investigate how to care for and sustainably manage our natural and living resources. Students will explore a variety of areas within green industries, including agriculture, floristry, forestry, horticulture and/or landscaping. Students will gain practical skills and knowledge by completing a variety of authentic, industry-relevant activities and projects, such as plant propagation and greenhouse maintenance activities; landscape design and planning exercises; assignments that include farm or forestry management plans; and various construction projects.

Hairstyling & Aesthetics

Hairstyling and aesthetics courses offer students an opportunity to work in a salon/spa environment and provide services for a diverse clientele. Students may focus on careers such as hairstylist, aesthetician, nail technician, or make-up artist. In a growing service economy, courses in hairstyling and aesthetics help prepare students for rewarding careers. Students will gain hands-on experience using professional materials and equipment and practicing current techniques.

Health Care

Health care courses offer students an opportunity to investigate factors contributing to personal health and, at the same time, gain an introduction to a range of careers in the health care industry. These careers include, but are not limited to, child-care worker, dental assistant/dentist, gerontologist, laboratory technician/technologist, doctor, nursing assistant/nurse, pharmacy assistant/pharmacist, and personal support worker. Courses in health care help prepare students for rewarding careers in a sector that is set to expand rapidly as our population ages. Students will gain hands-on experience using industry-standard instruments, equipment, and materials and practicing current techniques.

Hospitality and Tourism

Hospitality and tourism is one of the top fields for employment in Canada. Hospitality and tourism courses prepare students to meet diverse challenges in this multifaceted field. Hospitality and tourism education provides both a hands-on and a theoretical approach to learning about the various sectors in the field. Students will have opportunities to develop essential food preparation and presentation skills; will learn about event planning and marketing, customer relations, human resource management, inventory management, and tourism administration and management; and will examine the cultural and economic forces that drive tourism trends.

Manufacturing

Manufacturing is the transformation of materials into products to meet human needs and wants. Manufacturing technology courses provide students with opportunities to acquire knowledge and skills in the areas of mechanical engineering, robotics and control systems, computer-aided manufacturing, industrial maintenance, precision machining, welding, and sheet metal. Students will use a broad range of tools and equipment while acquiring engineering, fabrication, and problem-solving skills through the design and fabrication of various projects.

Technological Design

Technological design courses provide students with a variety of learning experiences that focus on the practical application of the principles of engineering, architecture, and design. These activity-based courses emphasize problem solving to meet design challenges in a wide range of areas, which may include apparel and textile design, architectural design, interior design, mechanical and industrial design, and robotics and control systems. Students learn to apply knowledge of research, historical trends, design, materials, fabrication methods, and testing criteria to develop innovative and environmentally sustainable products, processes, and/or services.

Transportation

Transportation affects our lives in a multitude of ways. Transportation systems move raw materials to manufacturers and finished products to consumers locally, nationally, and globally. Individuals use transportation systems every day for business, work, and pleasure. Transportation technology courses provide students with opportunities to understand transportation systems from the perspective of either the consumer or the service provider. The range of courses enables students to study both vehicle ownership and vehicle maintenance, and to develop skills and prepare for careers in the servicing and repair of vehicles, aircraft, and/or watercraft.

HOW TO APPLY & ADMISSION REQUIREMENTS:
Please visit the Faculty of Education website at **edu.yorku.ca** and click on **Bachelor of Education.**

DEADLINE TO APPLY FOR SEPTEMBER ACADEMIC YEAR:
Concurrent BEd (York U. students) - March 31
Consecutive BEd - June 1

CONTACT: Faculty of Education Student Services:
osp@edu.yorku.ca or 416-736-5001

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