

ST. THOMAS/ELGIN CAMPUS



IMAGINE WHAT IT WOULD BE LIKE

to go to college and feel like you're more than just a number. Where you know everyone around you, you feel confident and yet you get to take the program you want in a high-tech learning environment with equipment and resources comparable to that found in state-of-the-art workplaces.

Welcome to the St. Thomas/Elgin campus. You're home.

DO WHAT YOU LOVE

[fanshawec.ca
/stthomas](http://fanshawec.ca/stthomas)

Post-Secondary Programs

BUSINESS

ENTREPRENEURSHIP

- a one-year Ontario College Certificate program. This customized program is designed specifically for the novice entrepreneur and will provide graduates with the knowledge required to plan, start, and manage their own small business. Students will explore alternatives for starting a business, such as franchising and taking over the family firm and financing options. This program gives students insight into the challenges and rewards of entrepreneurship and assists students in acquiring the skills for long-term management of the business and their development as entrepreneurs. Under the supervision of a faculty advisor, students prepare a comprehensive business plan intended to help students launch their own business upon graduation.

ELECTRICAL/ELECTRONICS

ELECTRONICS ENGINEERING TECHNICIAN - INDUSTRIAL CONTROLS

- a 52-week Ontario College Diploma program with student intakes in September, January and May. This is a pre-apprenticeship program that focuses on electricity and electronics as they relate to industrial controls and factory automation. The emphasis is on practical, hands-on training as you design and troubleshoot electronic circuits and control equipment and actually design and build control systems. This program will give you the skills to maintain, program and troubleshoot Programmable Logic Controllers (PLCs), industrial sensors and motor control circuits. Recent graduates are employed in the turbine industry.

HEALTH SCIENCES

PERSONAL SUPPORT WORKER

- this one-year Ontario College Certificate program is completed in 30 weeks and is offered in London, Simcoe, St. Thomas and Tillsonburg. As a personal support worker, you will observe and respond to the needs of clients in long-term care facilities, retirement homes, in home-care and hospital settings. You will assist people with the tasks of daily living, help make them comfortable and keep them safe.

PRE-HEALTH SCIENCE

- this is a one-year Ontario College Certificate program. With a focus on the science foundations necessary for success in health care disciplines, you will gain an appreciation of professional roles and responsibilities. Pre-Health Science students who achieve a 'B' in every course are eligible for admission consideration to the Bachelor of Science in Nursing (BScN) collaborative program with Fanshawe College and The University of Western Ontario. Students who excel in the Pre-Health Science program are also positioned to apply for any Fanshawe College Health Science career program. The Pre-Health Science program is an excellent way to establish a record of post-secondary success, in preparation for a career in Nursing and/or the Health Sciences.

MECHANICAL TECHNOLOGY

MECHANICAL ENGINEERING TECHNICIAN - INDUSTRIAL MAINTENANCE

- a 52-week Ontario College Diploma program with student intakes in September, January and May. Students gain practical, hands-on experience in hydraulics, pneumatics, welding, machining, electronics and machine repair. The program content is parallel to the apprenticeship training program for Industrial Millwrights. Graduates find employment in service or sales in a number of areas including food, manufacturing, chemical and automotive sectors.

MECHANICAL TECHNICIAN - CNC/CAM

- a 45-week Ontario College Diploma co-op program with multiple student intakes. Students learn to operate Computer Numerical Controlled (CNC) equipment and perform advanced programming including fourth-axis machining. Graduates are able to create and implement programs and use software to create drawings, designs, machine code and manufacturing data. They also possess communication, documentation and teamwork skills to support manufacturing activities. Graduates work as CNC programmers in metalworking, woodworking and general manufacturing sectors.

MECHANICAL TECHNIQUES - CNC

- this is a 23-week Ontario College Certificate program with multiple student intakes. Students learn to machine metal on conventional machines and then transfer those skills to Computerized Numerical Control (CNC) machine tools. Operators of CNC machines study tooling, metal cutting theory, work-holding concepts, machining techniques and operations as well as CNC programs. Graduates work as CNC operators, CNC set-up technicians and as entry-level programmers.

WELDING TECHNIQUES

- this is a one-year Ontario College Certificate program. Two semesters on campus and a mandatory work placement provides the theoretical and practical training to perform most basic welding techniques. Students will be exposed to topics including health and safety, blueprint reading and sketching, applied math, communication, shielded metal arc welding, gas metal arc welding, introduction to computers, and all position pipe welding. At the completion of the program, students will be eligible to test for welding tickets based on their level of expertise. Career opportunities include: Welder, Welder Fitter Trainee, Apprentice Welder, Apprentice Boilermaker, Apprentice Construction Millwright, Apprentice Industrial Mechanic/Millwright, Apprentice Ironworker, Apprentice Pipefitter and Apprentice Fitter. We offer a May intake.



APPRENTICESHIP PROGRAMS

If you're ready to work and want to combine training with earning power, consider an apprenticeship. Visit fanshawec.ca/apprenticeship to learn more.

Admission Requirements

*The **minimum requirements for admission to all programs is an Ontario Secondary School Diploma** with courses from the College (C), University (U), University/College (U/C) or Open (O) stream or equivalent or mature student with the stated academic requirements. Graduate programs require a College Diploma or University Degree or equivalent. **For more information, please visit fanshawec.ca.**

PROGRAM	ACADEMIC REQUIREMENTS*	ADDITIONAL REQUIREMENTS
One-year Programs (Certificate)		
Entrepreneurship	<ul style="list-style-type: none"> Any Grade 12 English (C) or (U) Mathematics** ONE OF: <ul style="list-style-type: none"> Any Grade 12 Mathematics (C) or (U) Any Grade 11 Mathematics (C), (U) or (U/C) with a minimum final grade of 60% 	
Mechanical Techniques - CNC	<ul style="list-style-type: none"> Minimum requirements as stated above* 	
Personal Support Worker	<ul style="list-style-type: none"> Minimum requirements as stated above* 	<ul style="list-style-type: none"> Possession of a Standard First Aid course certificate (either St. John Ambulance or Canadian Red Cross or equivalent) and a Basic Rescuer course certificate (- Basic Life Support (BLS) for Health Care Providers (C) in accordance with the Heart and Stroke Foundation of Canada Canadian Guidelines for CPR. VALID FOR THE DURATION OF THE PROGRAM Evidence of Good Health Police Record Check and Vulnerable Sector Screening, including a check of the Pardoned Sexual Offenders Database Pre-Clinical/Placement Condition
Pre-Health Science	<ul style="list-style-type: none"> Any Grade 12 English (C) or (U) Mathematics ONE OF: <ul style="list-style-type: none"> Grade 11 Mathematics (U) or (U/C) Grade 12 Mathematics*** (C) or (U) Grade 11 or Grade 12 Chemistry (C) or (U) Grade 11 or Grade 12 Biology OR Physics (C) or (U) 	
Two-year Programs (Diploma)		
Electronic Engineering Technician - Industrial Controls	<ul style="list-style-type: none"> Mathematics** ONE OF: <ul style="list-style-type: none"> Any Grade 12 Mathematics (C) or (U) Any Grade 11 Mathematics (C), (U) or (U/C) 	
Mechanical Engineering Technician - Industrial Maintenance	<ul style="list-style-type: none"> Mathematics** ONE OF: <ul style="list-style-type: none"> Any Grade 12 Mathematics (C) or (U) Any Grade 11 Mathematics (C), (U) or (U/C) 	
Mechanical Technician - CNC/CAM	<ul style="list-style-type: none"> Minimum requirements as stated above* 	<ul style="list-style-type: none"> Recommended academic preparation: technical or apprenticeship mathematics course within the ACE program
Welding Techniques	<ul style="list-style-type: none"> Minimum requirements as stated above* 	<ul style="list-style-type: none"> Students must be able to lift a bulk mass of 18kg (40lbs) and have the ability to dismantle and assemble large pieces of equipment. The student must be capable of working with small delicate instruments and is required to have a high degree of fine and gross motor control.

Note: **Applicants who lack the required Mathematics may still gain eligibility for admission by completing appropriate prior upgrading.
 ***Grade 12 Mathematics for College Technology (C) or any Grade 12 Mathematics (U) preferred.

Continuing Education

Fanshawe College St. Thomas/Elgin offers part-time certificate programs and professional designations. There is a wide range of courses that can be completed through classroom learning and/or online. The Continuing Education Division also conducts customized business and industrial training services, conferences and seminars.

AZ TRACTOR TRAILER TRAINING

- this certified driver training program consists of: dangerous goods, log book, drug and alcohol awareness, smart driver, computer based training, on-site tours of industry leading carriers who employ our graduates, border crossing, skid school, resume preparation, life time job placement and the provincial road test. Training is offered by KRTS Transportation Specialists Inc. in partnership with Fanshawe College. Please call 1-800-771-8171 for more information.

ACCOUNTING CERTIFICATE

- this Ontario College Certificate program is designed to prepare students for positions in service or manufacturing organizations. Learn to maintain general and sub-ledgers; prepare, analyse and interpret financial statements; and use financial and management information and software for decision-making. This program is offered part-time in the evening.

BOOKKEEPING CERTIFICATE

- this Ontario College Certificate program will assist the student to acquire and upgrade business and accounting skills as a certified bookkeeper. Some of the courses have been recognized and approved by the Canadian Institute of Bookkeeping (416-925-9420) as being equivalent to the Certified Bookkeeper program. This program is offered part-time in the evening.

COMPUTERIZED OFFICE ESSENTIALS

- this 13-week Ontario College Certificate program is designed to teach you the most current computer applications found in most offices today (Word, Excel, Access, PowerPoint, Simply Accounting and Desktop Publishing). Graduates are prepared for positions as receptionists, clerks, secretaries and support staff personnel. This program is offered during the day or part-time in the evening.

COMPUTER AIDED DESIGN

- CAD is extensively used in the design of tools and machinery used in the manufacture of components, and in the drafting and design of all types of building, from small residential types (houses) to the largest commercial and industrial structures (hospitals and factories). With benefits such as lower product development costs and a greatly shortened design cycle, CAD enables designers to lay out and develop work on-screen, print it out and save it for future editing, saving time on their drawings. This program is offered part-time in the evening.

FOOD SERVICE WORKER

- this 12-week Ontario College Certificate program will enable the student to perform effectively in institutional food preparation settings in commercial and/or long-term care facilities. During the academic portion of the program emphasis is placed on food preparation, service, nutrition and sanitary practices in the workplace. This program is offered during the day or in the evening.

GENERAL BUSINESS CERTIFICATE

- this Ontario College Certificate program will expand your business knowledge and prepare for positions of greater responsibility. Study specialized areas of business and learn skills necessary for competent decision making in today's rapidly changing business environment. Graduates can further specialize their studies and achieve a Business Administration Certificate. This program is offered part-time in the evening.

HEALTH CARE OFFICE ASSISTANT

- this 16-week Ontario College Certificate program is designed to provide graduates with the knowledge and skills needed to function as a clerk/assistant/receptionist in a variety of health care facilities including hospital units, doctor's offices and clinics. This program is offered during the day or in the evening.

HEALTH SERVICES MANAGEMENT & ADMINISTRATION CERTIFICATE

- this Ontario College Certificate program is designed to assist individuals in health care to acquire and upgrade their business, management and computer knowledge. This program aims to enrich the health care worker both professionally and academically with additional tools for their career goals. This program is offered part-time in the evening.

HUMAN RESOURCES MANAGEMENT

- graduates of this Ontario College Certificate program will be prepared for a variety of careers managing people and organizations. The program satisfies the core components of Human Resources Management including labour relations, economics, organizational behaviour, compensation and benefits, occupational health and general management. Courses are recognized as credit toward the Certified Human Resources Professional designation offered by the Human Resource Professional Association of Ontario. This program is offered part-time in the evening.

OCCUPATIONAL HEALTH & SAFETY CERTIFICATE

- this Ontario College Certificate program incorporates theory and practical awareness, as well as knowledge and application of the related aspects of Occupational Health & Safety, you will be able to apply the must-know information that is a priority in today's workplaces. Subjects covered will provide you with a clear interpretation and discussion of the OHSA, and a review of related legislation and other company's policies and procedures. This program is offered part-time in the evening.

Academic Upgrading

ACADEMIC AND CAREER ENTRANCE (ACE) PROGRAM

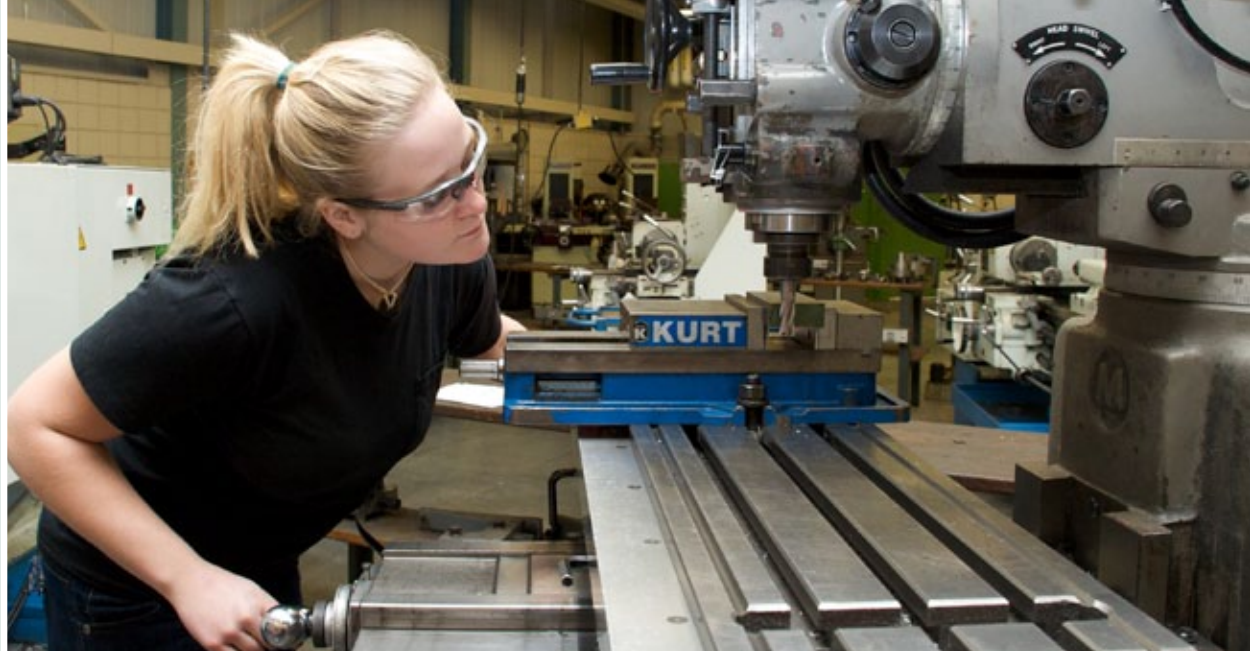
- is accepted as equivalent to a Grade 12 Diploma by Colleges and Apprenticeship for the purposes of admission. This program is available during the day and evening, and is a tuition-free program. The student must demonstrate mastery in the communication and core math courses in addition to some course electives. Students not requiring this credential may choose to take only those courses required for admission to their chosen post secondary program.

GENERAL EDUCATION DEVELOPMENT (GED) PREPARATION

- for an adult learner, quite often the hardest aspect of returning to school is taking the first step. At Fanshawe College we recognize and celebrate the initiative that takes. Our program offers free individualized training that prepares people for the GED test, college or employment. We welcome the opportunity to assist you in working towards your goals. This is a continuous intake program and therefore you may start anytime, all year round. Classes are available both day and evening for your convenience.

LITERACY AND BASIC SKILLS (LBS) PROGRAM

- offers English and mathematics upgrading, basic computer skills, teamwork, communications and other skills needed for further education and in the workplace. LBS assists people acquire the essential skills to find, keep and enhance employment opportunities through instruction in job search, resume writing, interview techniques and employer expectations. The LBS program is free to qualified adults aged 19 and older. This program is available during the day and evening. Once a learner has completed LBS, very often they either move on to ACE or GED preparation in order to earn a high school equivalency certificate.



Customized Corporate Training

Customized corporate training options available. Please contact the St. Thomas/Elgin campus at 519-633-2030 for additional information.

FANSHAWE COLLEGE



Fanshawe College: Elgin County Employment Services

**400 Talbot Street
St. Thomas, Ontario N5P 1B8
Phone: 519.631.5470 Fax: 519.633.5854
www.jobselgin.ca**

Provides a variety of services to the unemployed and under employed of Elgin County. Access to Employment Ontario Programs such as Second Career, Job Creation, Self-Employment Benefit, etc.; specialized programs for the older worker such as Targeted Initiative for the Older Worker; for students, Summer Jobs Services and for youth, Talbot Teen Centre. Satellite offices in West Lorne and Aylmer.





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