



2014 | 2015  
**Admissions Handbook**



picture yourself **HERE**

# Competing in Skills Canada – Ontario will earn you a **\$1,000 tuition scholarship.**

If you are a Grade 11 or Grade 12 competitor in **Skills Canada – Ontario Technological Skills Competition (OTSC)** in Waterloo 2014 – you will receive a \$1,000 tuition scholarship from St. Clair College!

We celebrate the Skilled Trades and are proud of the achievements of all of all OTSC competitors. **Details at [stclaircollege.ca](http://stclaircollege.ca)**



*2013 OTSC Gold Medal Winners*



*2012 OTSC Gold Medal Winners*

get skilled **HERE**

# ST. CLAIR

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## COLLEGE

Dr. John A. Strasser  
President  
St. Clair College



St. Clair College is passionate about helping students on their journey to a great career. Since 1967, St. Clair College has helped over 85,000 graduates launch their first, second and even third careers.

Some of our students find ingenious ways to balance academic studies with their passion for athletic competition. Others enjoy the challenge of leadership through service in student government. They support families, go to school, study, work and sometimes find the time to relax with friends.

They all have a common goal – the pursuit of knowledge that will empower them in their quest for a bright future. Some will be health care professionals; others will find careers in business. Our graduates will become skilled trades professionals, performers, technology specialists, culinary experts and more. They will chart their own course armed with the knowledge and skills that come with their St. Clair College education. Whatever their path, St. Clair College will be there to support, encourage and provide them with an environment that helps them be successful.

This year has been another extraordinary one for students, staff, faculty and administration at the College. St. Clair achieved its highest student satisfaction rating in the history of the College - a full 2 percentage points above the provincial average. The College also received its highest marks ever in the student ratings for knowledge and skills attained and their learning experience.

Students competing in the 2012 Skills Canada – Ontario Technological Skills Competition brought home a record number of medals and St. Clair College was honoured with the 2012 College of Distinction Award. In 2012, St. Clair College also gained national recognition by winning two National Championships – one in Men's Cross Country competition in Longueuil, Quebec and one in Men's Baseball in Ottawa.

In 2013 the tradition of Gold Medals at the OTSC continued with five Gold medals. Three of these teams went on to compete at the National Competition in Vancouver.

We believe it is important to introduce careers to students at an early stage in their education. As a result, in May 2013, St. Clair College was the first College in Ontario to make a commitment to Skills Canada – Ontario to support skilled trades education by providing each high school competitor to the Ontario Technological Skills Competition with a \$1,000 tuition scholarship that can be used when they register at St. Clair College.

St. Clair offers entrance scholarships to students in recognition of academic and athletic excellence and provides bursaries for students in need of financial assistance.

Our commitment to you is that we will do all that we can to support your journey at St. Clair College.

start **HERE** go anywhere  
[stclaircollege.ca](http://stclaircollege.ca)

## SOUTH CAMPUS, WINDSOR



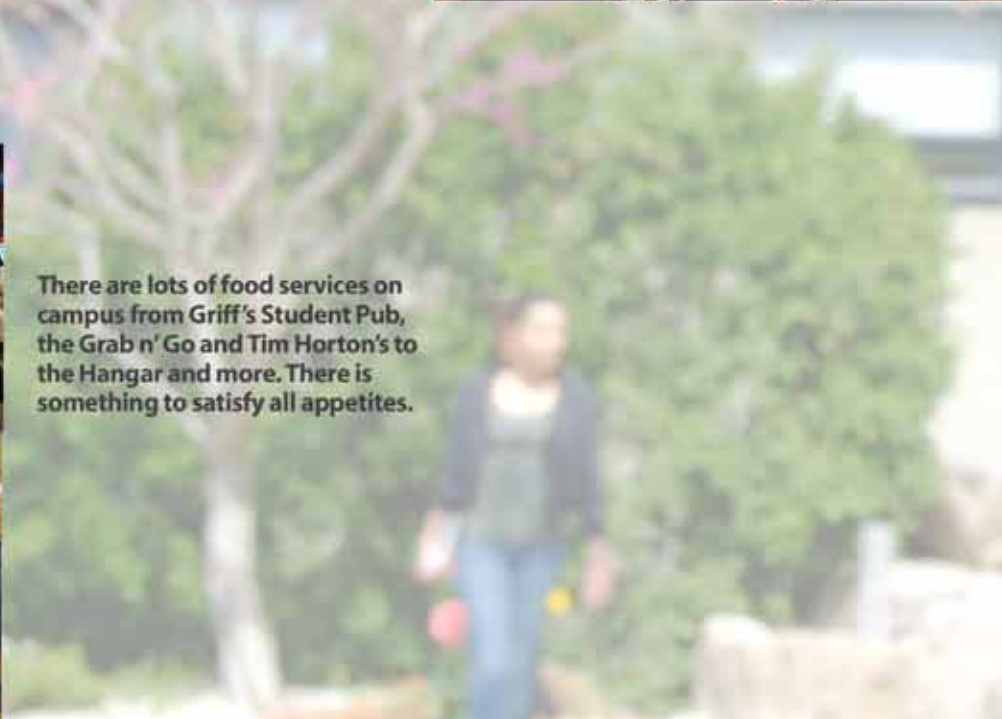
Student satisfaction is at an all time high and is **2% higher than the provincial average.**

Academic quality for the knowledge, skills and learning experience of our programs **exceeds the provincial average.**

Eight out of ten graduates are **employed within six months of graduation!**



There are lots of food services on campus from Griff's Student Pub, the Grab n' Go and Tim Horton's to the Hangar and more. There is something to satisfy all appetites.



For information about residence go to [stclaircollege.ca/residence](http://stclaircollege.ca/residence).  
Call 519-966-1601 or email [stclair@stayrcc.com](mailto:stclair@stayrcc.com)

**Skilled Trades Careers are hot! They are in demand and provide rewarding and lucrative careers. St. Clair College offers great facilities and numerous programs and apprenticeship opportunities in the skilled trades sector.**



Quittenton Hall is our on-campus residence offering 204 – 2 bedroom suites complete with kitchenette, bathroom, individual bedrooms, internet connectivity and more.



**SPORTSPLEX** – Coming in 2014, this new facility will provide 80,000 sq. ft. of space, a triple gym, 10,000 sq. ft. fitness centre, elevated indoor running track and more!



St. Clair College provides health care education to the largest number of students in the Province. The Centre for Applied Health Sciences takes our expertise in this area to a whole new level. The 100,000 sq. ft. state-of-the-art facility **boasts the latest in cutting-edge technology** found in any educational environment.



*Centre for Applied Health Sciences, Windsor*



**Medical Laboratory Science and Technician programs are supported by four fully equipped labs including Hematology, Transfusion, Microbiology and Chemistry.**

## CENTRE FOR APPLIED HEALTH SCIENCES



The Paramedic program has an expanded lab on the first floor and features an ambulance bay and hands-on working lab.

Dental Hygiene and Dental Assisting labs operate as a community dental clinic. The Dental complex holds 25 chairs that are supported with digital technology and computers at each station.

Diagnostic Medical Sonography, Cardiovascular Technology and Respiratory Therapy also have their state-of-the-art labs in the Centre.



The Bachelor of Science Nursing (BScN) and the Practical Nursing programs share the extensive facilities offered in this Centre. Twelve fully equipped patient care suites, numerous simulation labs and two fully operational nurses' stations all serve to provide a "real life" hospital setting.

Pharmacy Technician has dedicated labs including retail pharmacy simulation and drug dispensing room.



## DOWNTOWN CAMPUS, WINDSOR



St. Clair College is a leader in the development of downtown campuses. The St. Clair College Centre for the Arts is home to over 1,000 students who study in the School of Media Art & Design and Justice Studies. This campus is perched on the banks of the Detroit River overlooking a spectacular riverfront skyline. There are walking trails, sculpture gardens and lots of entertainment venues all within walking distance.



The new TD STUDENT CENTRE has been added to support our downtown campuses. Over 30 computer stations and space to kick back and relax with friends is part of the downtown expansion. The facility is directly across the street from the MediaPlex.





The MEDIAPLEX is a dedicated facility for students interested in studying Journalism. It is the only one of its kind in Canada to teach "convergence" which means the study of journalism for web, television, radio, and print. The centre boasts a TV studio, radio suites, editing facilities, master control room and more.



The 1,200 seat Chrysler Theatre located in the St. Clair College Centre for the Arts is home to our Performing Arts students who produce a number of high quality productions in their program. It is also a venue for independent theatre companies as well.



## THAMES CAMPUS, CHATHAM



An intimate campus of just over 1,300 students, Thames Campus in Chatham is set in a rural environment adjacent to the beautiful Thames River. It boasts a fabulous residence on campus and a warm and caring atmosphere that is ideal for those who want a "small campus" experience.

Thames Campus boasts a number of programs in Health Sciences, Justice Services, Community Services, Business and Trades & Technology. There are also a wide variety of student services that are there to support your success. From academic counseling to peer tutoring, the friendly and professional counselors are there to help.





The on campus residence provides the perfect venue to experience living away from home. The 12 unit, 4 bedroom townhome style residence is just steps from the main campus and offers a full kitchen, living room area, four bedrooms, two bathrooms and in-unit laundry facilities.

For information about our residence call (519) 966-1601 or email [stclair@stayrcc.com](mailto:stclair@stayrcc.com)



## **TRADES & TECHNOLOGY CENTRE, THAMES CAMPUS**



If you're interested in careers in the alternative energy industry or in skilled trades, the new Trades & Technology Centre at Thames Campus will provide an exceptional learning environment.

Five programs are featured in this facility which supports both classroom and lab work. The open concept lab houses all of the latest alternative energy technologies including solar panels, a wind turbine and a geothermal operating system. You will learn how each system generates the energy required to heat and cool rooms and provide enough energy for a hot water tank. Banks of electrical panel boards will provide the perfect place to learn how to design, install and maintain residential and commercial electrical or communications systems. The Powerline Technician program, has its own outdoor hydro pole installation lab as well.

## **HEALTHPLEX, THAMES CAMPUS**





## THAMES CAMPUS PROGRAMS IN TRADES & TECHNOLOGY

- Electrical Engineering Technician
- Electrical Techniques
- Powerline Technician
- Robotics
- Sustainable Energy Technician



The 53,000 sq. ft. HealthPlex has been designed to provide maximum flexibility for those interested in staying in shape. A double gym, elevated running track, fitness centre and aerobics room are highlights of the facility. Academic space is also part of the Centre for community studies programs.



# NEW & TRENDING PROGRAMS

## NEW AT SOUTH AND THAMES CAMPUSES

**New!** Biomedical Engineering Technology – Equipment & Devices – Windsor Campus



**New!** Fitness and Health Promotion – Windsor Campus



**New!** Community Integration through Cooperative Education



**New!** Pre-Service Firefighter – Windsor Campus

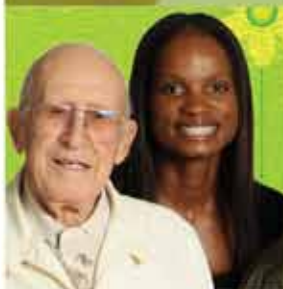


**New!** Fashion Design – Windsor Campus



St. Clair College works hard to deliver relevant, career-focused programs that meet the needs of today's business and industry sectors. Whether you're looking for a career in the health sciences field, are interested in alternative energy, justice services or media, St. Clair College's new programs will give you the knowledge and skills to pursue your passion.

**New!** Social Service Worker – Gerontology – Thames Campus



## PROGRAMS TRENDING NOW

Electromechanical  
Engineering  
Technician –  
Robotics –  
Thames Campus



Electrical  
Engineering  
Technician –  
Thames Campus



Powerline  
Technician –  
Thames Campus



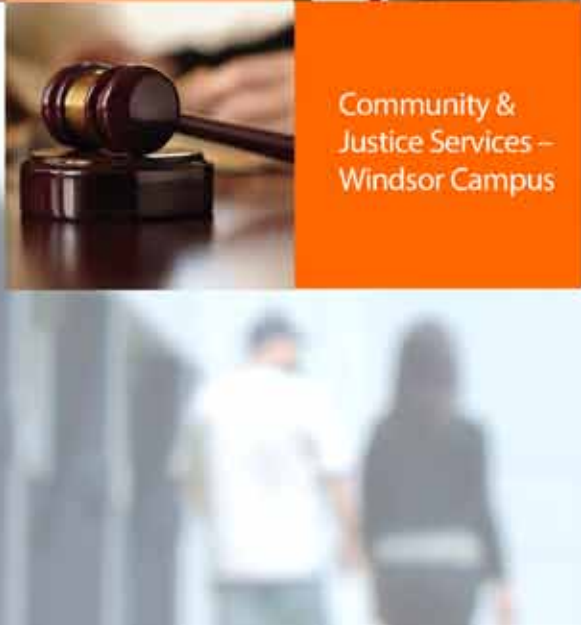
Computer Systems  
Technician/  
Technology –  
Networking –  
Windsor Campus



Sustainable  
Energy  
Technician –  
Thames Campus



Community &  
Justice Services –  
Windsor Campus



## VARSITY ATHLETICS & SCHOLARSHIPS

We encourage students to follow their passion for varsity sports. St. Clair has introduced a very attractive scholarship package for every varsity athlete. You can receive \$1,250 per sport semester – the maximum allowed under OCAA rules when you register at St. Clair College.

**Details can be found at**  
[www.saintsathletics.ca](http://www.saintsathletics.ca)



### **Badminton**

*Provincial Champions – 2006, 2007, 2010, 2011*

### **Baseball – Men's**

*National Champions – 2012*  
*Provincial Champions - 2009*

### **Basketball – Men's**

### **Basketball – Women's**

*Provincial Champions - 2004*

### **Cross Country**

*National Champions – 2012*  
*Provincial Champions - 2007*

### **Curling**

*Provincial Champions - 2005*

### **Fastball – Women's**

*Provincial Champions - 2006, 2007 & 2010*

### **Golf – Women's**

*Provincial Champions – 2012*  
*National Champions - 2006*

### **Soccer – Men's & Women's**

### **Volleyball – Men's & Women's**

national champions start **HERE**







[saintsathletics.ca](http://saintsathletics.ca)

ST. CLAIR COLLEGE  
**SAINTS**  
ATHLETICS

VARSIITY  
ATHLETICS  
SCHOLARSHIPS

EARN  
**\$1,250**  
PER SPORT  
SEMESTER



St. Clair College is dedicated to providing a wide range of varsity sports for students to participate in. Our students have had great success on the Provincial and National front with 16 championships to their credit since 2000.

## EXPAND YOUR MIND

Obtaining additional credentials in your field of study is a great way to provide you with the skills and knowledge you need to be successful. St. Clair College offers a wide range of additional diplomas and certificates to complement your post secondary education.

### ACCELERATED FORMAT - EARN A DIPLOMA IN LESS THAN ONE YEAR

#### **Child & Youth Worker – Accelerated**

For people interested in working with children and adolescents who experience a wide range of social, emotional, behavioural or learning challenges. With a degree in a related field, or a diploma in ECE, DSW, or Educational Support, you could be on your way to a great career in the social services field.

#### **Developmental Services Worker – Accelerated**

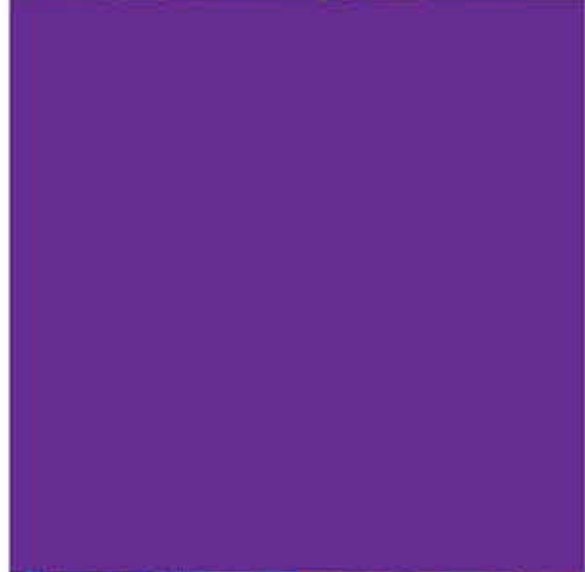
If you have a degree in social sciences, the humanities, or a diploma in ECE or CYW, or Educational Support, this program provides you with additional knowledge and skills to work in community settings such as agencies, school boards, in-home support workers and more.

#### **Early Childhood Education – Accelerated**

Graduates with a university degree with a minor in Psychology or Sociology or a diploma in CYW, DSW, Educational Support or Liberal Arts will gain valuable experience in this intensive 1 year of study.

#### **Paralegal – Accelerated**

If you are interested in a career in the social justice arena the Paralegal program will give you the skills to work in a legal setting including law firms, legal departments of corporations, administrative tribunals or government agencies. This program is 4 semesters, starting in September and concluding the following year in December. You must have completed a related diploma or substantial completion of your degree.



## ONE YEAR GRADUATE CERTIFICATE

### Media Convergence

With your diploma or degree in a related field you can earn a certificate and gain knowledge and skills that will make you highly marketable with today's media outlets. You will learn about the "converged" newsroom of today where reporters are expected to file stories in print, radio, TV and on-line as a blog or podcast.



## "FAST TRACK" DIPLOMAS & CERTIFICATES

What a great way to complement your diploma or degree with additional specialization with one of our "Fast Track" programs. Each of these programs can be completed in less than one year and provide you with additional knowledge and skills to help you in the job market.

Autism & Behavioural Science

Border Services

Culinary Management

Esthetician

Hairstylist

Office Administration – Executive

Office Administration – Medical

Police Foundations

Protection, Security & Investigation

get employable skills **HERE**

## CAMPUS LIFE

Getting connected to the campus through sports, clubs or student government is a great way to meet people and gain experience outside the classroom. The "Class Rep" program provides an opportunity to get to know what's happening on campus.

Fundraisers, trips and sporting events are all designed to help you get the most from college life. You can also run for student government and develop your leadership skills.

**It looks great on a resume!**



**2012 Gold Medal Winners  
Cossette "Grow-Up"  
Advertising Competition**



## SKILLS CANADA – ONTARIO WINNERS

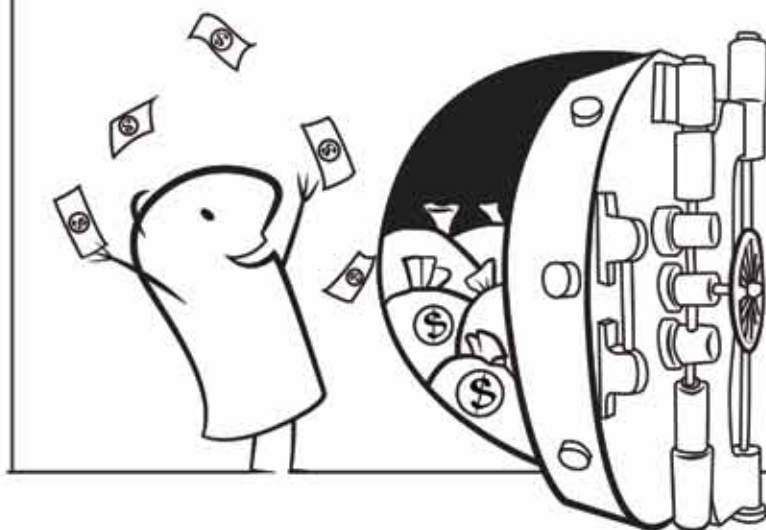
If you are in one of the skilled trades programs on campus there are opportunities to expand your learning through competitions like Skills Canada – Ontario Technological Skills Competition.

**OTSC 2013 GOLD MEDAL WINNERS**  
**Front:** Carlo Macasaet – Medal Design  
Anna Kwaiatkowski – Pin Design  
**Back:** Dylan Ashton, Graphic Design  
Franco Iacobacci, IT Networking  
Simon Van Raay & Mark Hecnar,  
Landscape Gardening



## SCHOLARSHIPS

money for college starts **HERE**



St. Clair College provides exceptional opportunities to supplement your income with scholarships and bursaries on campus. In fact, there are over 1.5 million reasons (and dollars) why, when you become a full time student, you need to apply for one of hundreds of scholarships St. Clair College offers.

# Admission Requirements at a Glance

Applicants who started High School in Ontario in September 1999 or later and have their OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level PLUS courses noted below qualify for admission to their program of choice. Mature students (19 years of age or older) see page 134.

	Grade 12 Eng. ENG4U, ENG4C, EAE4C or EAE4U	Grade 12 Math (C) or (U)	Senior Level Physics (C) or (U)	Senior Level Chemistry (C) or (U)	Senior Level Biology (C) or (U)	Diploma or Degree in a Relevant Area	Additional Requirements / Notes
Academic and Career Entrance/ College & Employment Prep							Placement test to determine level of English and/or Math
Advertising & Marketing Communications							
Animation - Traditional							Drawing test - See page 24 for details
Architectural Technology		•					
Autism and Behavioural Science						•	Grad Certificate. See page 28
Biomedical Engineering Technology	•	•					Recommended: Senior Level Biology (C) or (U)
Border Services							
Business							
Business - Accounting (2 yr. or 3yr.)							
Business - Admin. Finance							
Business - Admin. HR							
Business - Admin. International							
Business - Marketing (2 yr. or 3 yr.)							
Cardiovascular Technology	•	•	•	•	•		See page 39 for HOAE test info
Carpentry Techniques							
Chemical Laboratory Technology		•					
Child & Youth Worker	•						
Child & Youth Worker (Accelerated)						•	See page 43
Civil Engineering Technology		•					
Community and Justice Services	•						
Community Integration through Co-op Ed.							See page 46
Computer Systems Technician/Technology - Networking		•					
Construction Engineering Tech.		•					
Culinary Management							
Dental Assisting - Level I & II	•			•	•		
Dental Hygiene	•			•	•		See page 52 for HOAE test info
Developmental Services Worker							
DSW (Accelerated)						•	See page 54 for Admission Requirements
Diagnostic Medical Sonography	•	•	•	•	•		See page 55 for HOAE test info
Early Childhood Education	•						
ECE (Accelerated)						•	See page 57 for Admission Requirements
ECE Concurrent; BA; BEd							Apply to the U of Windsor - See page 58
Educational Support	•						
Electrical Engineering Technician	•	•					
Electrical Techniques							See page 61 - Grade 11 Math (C) or (U)
Electromechanical Eng. Tech. - Robotics	•	•					Physics recommended
Electronics Engineering Techy. - Industrial		•	•				
Energy Systems Design Technology		•	•				
Entertainment Technology		•					Senior level Physics recommended
Esthetician							
Fashion Design Technician							
Fitness and Health Promotion	•						Senior level Biology recommended
Fitness and Health Training	•						Senior level Biology recommended
General Arts & Science							
Graphic Design							Art portfolio - See page 73 for details
Hairstylist							Hairstylist Aptitude test - See pg 74
Heating Refrigeration & A/C		•					Senior level Physics recommended

	Grade 12 Eng ENG4U, ENG4C, EAE4C or EAE4U	Grade 12 Math (C) or (U)	Senior Level Physics (C) or (U)	Senior Level Chemistry (C) or (U)	Senior Level Biology (C) or (U)	Diploma or Degree in a Relevant Area	Additional Requirements / Notes
Hospitality Management							
Interior Design							
International Trade Management						•	See page 78
Internet Applications & Web Development							
Journalism							Writing sample - See page 80
Landscape Horticulture							
Liberal Arts							
Mech. Eng. Techn. - Industrial		•					Senior level Physics recommended
Mech. Eng. Techn. - Auto Product Design		•	•				
Mech. Techn. - CAD/CAM		•					
Media Convergence (Graduate Certificate)						•	See page 86
Medical Laboratory Science	•	•	•	•	•		See page 87 for HOAE test info
Medical Laboratory Technician	•	•		•	•		
Motive Power Technician		•					Senior level Physics recommended
Music Theatre Performance							Audition - See page 90
Native Community Worker/ Native ECE							
Nursing - BScN	OSSD with 6 Grade 12 (U) courses including Grade 12 English (ENG4U), Chemistry (SCH4U) and Biology (SBI4U) with an overall average of 70% or better (with a minimum of 70% in both Chemistry and Biology). Grade 12 (U) Math is recommended.						
Occupational Therapist Assistant / Physiotherapist Assistant	•				•		
Office Admin-Executive/Medical							Completion of Office Admin - General
Office Admin-Executive/Medical Fast Track							
Office Administration-General/Legal							
Paralegal							
Paralegal (Accelerated)						•	See page 102
Paramedic	•	•		•	•		Minimum 60% in subject areas. Paramedic Questionnaire also required. See page 103.
Personal Support Worker							
Pharmacy Technician	•	•		•	•		
Plumbing Techniques							See page 106 - Grade 11 Math (C) or (U)
Police Foundations							Completion of Protection, Security & Investigation
Police Foundations (Fast Track)							
Power Engineering Technology		•	•				
Powerline Technician	•	•		•	•		Senior Level Physics recommended. See page 110
Practical Nursing	•	•		•	•		
Pre-Health Sciences/Pre-Health-Nursing							
Pre-Service Firefighter	•	•		•	•		See p. 114 for Program/Employment Requirements
Pre-Technology							
Protection, Security and Investigation	•						
Public Relations	•						
Respiratory Therapy	•	•	•	•	•		See page 119 for HOAE test info
Social Service Worker-Gerontology	•						
Sustainable Energy Technician	•	•					Sr. Physics & Chemistry recommended - See p121
Tourism & Travel							
Truck and Coach Techniques							See page 123 – Grade 11 Math (C) or (U)
Veterinary Technician	•	•		•	•		See page 124 for HOAE test info
Welding Techniques							See page 126 – Grade 11 Math (C) or (U)
Woodworking Technician							

# A.C.E. (Academic & Career Entrance)/ College & Employment Preparation

## Windsor Campus (C772/C774) Chatham Campus (K972)

### A.C.E. (Academic & Career Entrance) (C772/K972)

#### ADMISSION REQUIREMENTS

Placement testing or OSSD.

#### PROGRAM OVERVIEW

This program is perfect for people who need the admission requirements to apply to a college program, to upgrade their workplace skills, or begin apprenticeship training.

These courses are at a high school level of difficulty and are used for entry to a college program only. They do not provide the learner with a Grade 12 diploma. Courses range from Technical Math, communications, computer skills, physics, chemistry and biology. Students may select courses based on their needs.

This program is also an excellent way to prepare to write the GED and students are encouraged to take the GED test at the completion of the A.C.E. program. The A.C.E. program is recognized throughout the Ontario College system and a learner's certificate is available.

There are no tuition or textbook costs associated with this program. Training support allowances may be available.

#### APPLICATION PROCESS

To apply for this program, call 519-972-2727 ext. 4537 in Windsor or 519-354-9714 ext. 3586 in Chatham.

Program Length: 15 weeks per level

Starts: September, January, May

Contact: Windsor  
Holly DiLoreto  
519-972-2727 ext. 4537  
hdiloreto@stclaircollege.ca

Chatham  
Louise Markovich  
519-354-9714 ext. 3586  
lmarkovich@stclaircollege.ca

### College & Employment Preparation (C774)

#### ADMISSION REQUIREMENTS

Placement testing or OSSD.

#### PROGRAM OVERVIEW

This program is aimed at improving students' reading, writing and math competencies to help them develop work skills for their future employment and /or further education.

Academic training includes courses in the following areas:

- Reading, written and oral communications
- Math
- Literacy related computer skills

There is an orientation and assessment process and students receive an Individual Learning Plan developed to close the gap between their current skill level and the requirements of their educational and vocational goals. Progress is closely monitored.

Counselling services are available to help students with their vocational interests and post secondary program selection.

This program is well connected with community based literacy programs and literacy providers. At the successful completion of the program students can transfer or continue their learning in the Academic and Career Entrance Program (ACE), other College programs or move directly into the workplace.

There are no tuition or textbook costs associated with this program. Training support allowances may be available.





## St. Clair College Centre for the Arts (B875)

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Sandra Wieland  
519-972-2727 ext. 4994  
swieland@stclaircollege.ca

# Advertising & Marketing Communications Management

## EMPLOYMENT OPPORTUNITIES

There are so many different career paths when you graduate that we can't list them all. But here are some of the more popular ones our program can offer you: digital media, social networking management, account management, copywriting, event planning, media planning and buying, public relations, Internet marketing and advertising, consumer behaviour, relationship management and many, many more. It's no wonder that 90% of our grads are employed within 6 months, pursuing careers in Windsor, Toronto, Vancouver, Calgary and many more.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

## PROGRAM OVERVIEW

To provide our grads with the best and most up-to-date advertising and marketing communications skills of any advertising school in Canada.

1. Faculty have experience as senior advertising executives at major international and national companies.
2. The most up-to-date curriculum of any advertising program in Ontario.
3. Students will develop complete advertising and integrated marketing communications plans and programs, from the business planning stage to the final preparation of creative materials.

## PROGRAM HIGHLIGHTS

- Our students have won more gold medals in Advertising and Marketing Communications competitions than any other College in Ontario.
- We arrange a four week internship for all students. Note: Participation in internship may be restricted for students not meeting minimum internship requirements.
- Eight new Internet marketing courses.
- Emphasis on solving real advertising problems and developing real advertising materials.

## ADDITIONAL INFORMATION

The Interactive Advertising Bureau of Canada will award each student the IAB Internet Master's Certificate, an added value of \$2500.00 available only to St. Clair College grads.



## DEGREE COMPLETION

- Davenport University, Grand Rapids, MI: Graduates may be awarded 90 of 120 credits towards a Bachelor's degree. If an additional Post-Grad certificate is taken, students may receive up to five additional course credits for the MBA program.
- Athabasca University: Graduates may be awarded up to 60 of 120 credits towards a BA.
- Griffith University, Australia: Graduates may complete a Bachelor's Degree in 2 semesters.

## ACCELERATED TRANSFERS

Students who have successfully completed a related program at the college or university level can apply for direct entry into Semester 5 of our program. Students MUST contact the Program Coordinator to apply.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

We recommend that students have home access to a laptop or desktop computer.

Texts and other materials: \$250.00 to \$500.00 per semester.

Internship: Costs for four weeks accommodation and travel and pre-internship interviews for students who wish to intern outside of Windsor are borne by the student.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ADV120 The Business of Advertising
- ADV122G Mass Communications in a Cultural Context
- ADV107 Intro to Layout and Design
- ADV116G Segmenting Canadian Society
- ADV211 Principles of Marketing I
- MIC111 Microsoft Word and PowerPoint

### Semester 2

- ADV222A Print Media Estimating & Research
- ADV225 Digital Design I
- ADV208 Advertising Copywriting Fundamentals
- ADV311 Principles of Marketing 2
- ADV207 Psychology of Advertising
- ADV203G Contemporary Study of Aesthetic Expression

### Semester 3

- ADV325 Digital Design 2
- ADV322 Broadcast Media Estimating & Research
- ADV309 Copywriting for Print Media
- ADV345 Consumer Research Concepts
- ADV411 Marketing Planning I
- ADV313 Web Design I
- ADV307 Business Presentations

### Semester 4

- ADV444 Marketing Planning 2
- ADV422 Media Planning I
- ADV413 Web Design 2
- ADV555 Public Relations
- ADV421 Developing Internet Marketing Content
- ADV433 E-mail Marketing
- ADV437 Search Engine Optimization

### Semester 5

- ADV507 Writing for the Web
- ADV521 Web Analytics
- ADV513 Traditional and Internet Media Planning 2
- ADV535 Sales Promotion & Event Planning
- ADV527 IMC Campaigns I
- ADV545 Consumer Insight: Intro. to Account Planning
- ADV531 Mobile Marketing

### Semester 6

- ADV608 Agency & Account Management
- ADV623 Media Planning 3
- ADV605 Media Sales
- ADV617 IMC Campaigns 2
- ADV703 How to Brand Yourself
- ADV701 Internship

### EMPLOYMENT OPPORTUNITIES

There are job opportunities creating both 2D and 3D animation, models, textures and other assets for feature films, television productions, video games and the web. Skills learned in this program could also be applied to finding work in character design, storyboarding and as a concept artist.

**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Richard Moy  
519-972-2727 ext. 4910  
rmoy@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### ADDITIONAL REQUIREMENTS

In addition to your OCAS application you will be required to complete and submit an Art Test. The specifics of the art test, including the "given character", will be included in your acknowledgement letter that you will receive after your application is processed through ontariocolleges.ca.

Please complete and return the drawing test with your name and student number to St. Clair College as soon as you have completed it. Drawing tests must be submitted to the college no later than March 7, 2014 for equal consideration to the animation program; however tests will be accepted after that date until the program is full. Tests may be mailed to the following address:

Registrar's Office: Attention: Marlene Lachance; St. Clair College;  
2000 Talbot Road West, Windsor, Ontario, N9A 6S4

Or email to Animation\_Test@stclaircollege.ca. See website under Full Time Studies - Animation - for additional information regarding the art test.

### PROGRAM OVERVIEW

Graduates of the animation program are able to animate and bring artwork to life in traditional and digital mediums. Students will learn how to design and animate characters and environments for traditional and 3D projects for a variety of mediums including television, film and video games. Students of the animation program will also learn to become proficient with digital image manipulation, digital video editing, compositing and file management. While in the animation program, students will work individually and in groups developing demo reels that will help build their skills and professional portfolios.

This program will appeal to students who love drawing and animated artwork. They should be very imaginative. Strong problem solving skills are also important, along with the ability to adhere to deadlines.

### PROGRAM HIGHLIGHTS

- Latest in industry standard software.
- Strong emphasis on using traditional techniques to enhance production of digital art.
- Active student run animation club.
- Annual screening of graduate films in a major venue.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,094.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ANM110 Life Drawing I
- ANM115 Intro. to Animation Fund.
- ANM125 Experimental Animation
- ANM127 Animation History
- ANM140 Intro. to Digital Media
- LSW100G Literature: Short Exposition

#### Semester 2

- ANM200 Animation I
- ANM205 Character & Background
- ANM210 Life Drawing II
- ANM220 Computer Animation I
- ANM240 Film Theory

#### Semester 3

- ANM300 Animation II
- ANM310 Life Drawing III
- ANM320 Computer Animation II
- ANM330 Layout
- ANM340 Concept Development
- ELEC1030 General Education Elective

#### Semester 4

- ANM400 Animation III
- ANM410 Life Drawing IV
- ANM420 Computer Animation III
- ANM435 Modelling I
- ANM445 Lighting & Rendering I

#### Semester 5

- ANM500 Animation IV
- ANM510 Life Drawing V
- ANM520 Computer Animation IV
- ANM535 Modelling II
- ANM545 Lighting & Rendering II
- ELEC1030 General Education Elective

#### Semester 6

- ANM600 Animation V
- ANM610 Life Drawing VI
- ANM620 Computer Animation V
- ANM635 Modelling III
- ANM645 Lighting & Rendering III

picture yourself **HERE**



## APPRENTICESHIPS

An apprenticeship is a training agreement between a person who wants to learn a skill and an employer who needs a skilled worker. The training is a combination of classroom and on-the-job instruction. When you're working, you learn skills by completing various operations associated with the trade under the supervision of a qualified tradesperson. The entire process takes from two to five years depending on the occupation but you are "earning while you are learning".

St. Clair College offers a wide variety of apprenticeships which are outlined on page 26.

## CURRENTLY ST. CLAIR COLLEGE OFFERS THE FOLLOWING APPRENTICESHIP PROGRAMS:

### Block Release (Full time blocks of classes)

#### Apprenticeship at South Campus

General Inquiries 519-972-2727 x5000

#### Automotive Service Technician 310S

Contact: Dan Vincent [dvincent@stclaircollege.ca](mailto:dvincent@stclaircollege.ca) 519-972-2727 x4437

#### Brick and Stone Mason 401A

Contact: Susan McLelland [smclelland@stclaircollege.ca](mailto:smclelland@stclaircollege.ca) 519-972-2727 x4446

#### Cook Branch 2 415A

Contact: Marc Johnston [mjohnston@stclaircollege.ca](mailto:mjohnston@stclaircollege.ca) 519-972-2727 x4492

#### Electrician: Construction & Maintenance 309A

Contact: Tim Tieg [ttieg@stclaircollege.ca](mailto:ttieg@stclaircollege.ca) 519-972-2727 x5231

#### General Carpentry 403A

Contact: Roy Bottoset [rbottoset@stclaircollege.ca](mailto:rbottoset@stclaircollege.ca) 519-972-2727 x4407

#### Hairstylist 332A

Contact: Marcy McIntosh [mmcintosh@stclaircollege.ca](mailto:mmcintosh@stclaircollege.ca) 519-972-2727 x4391

#### Plumber 306A

Contact: Greg Ducharme [gducharme@stclaircollege.ca](mailto:gducharme@stclaircollege.ca) 519-972-2727 x4311

### Part-Time Release South Campus

#### Electrician: Construction & Maintenance 309A

Contact: Tim Tieg [ttieg@stclaircollege.ca](mailto:ttieg@stclaircollege.ca) 519-972-2727 x5231

#### Industrial Electrician 442A

Contact: Tim Tieg [ttieg@stclaircollege.ca](mailto:ttieg@stclaircollege.ca) 519-972-2727 x5231

#### Information Technology Contact Centre – Tech. Support Agent 634A (online)

Contact: Susan McLelland [smclelland@stclaircollege.ca](mailto:smclelland@stclaircollege.ca) 519-972-2727 x4446

#### Information Technology Contact Centre- Inside Sales Agent 634D (on-line)

Contact: Susan McLelland [smclelland@stclaircollege.ca](mailto:smclelland@stclaircollege.ca) 519-972-2727 x4446

#### Information Technology Contact Centre – Customer Care Agent 634E (online)

Contact: Susan McLelland [smclelland@stclaircollege.ca](mailto:smclelland@stclaircollege.ca) 519-972-2727 x4446

#### General Machinist 429A

Contact: Gary Steed [gsteed@stclaircollege.ca](mailto:gsteed@stclaircollege.ca) (Evenings) 519-972-2727 x5000

#### Mould Maker 431A

Contact: Gary Steed [gsteed@stclaircollege.ca](mailto:gsteed@stclaircollege.ca) (Evenings) 519-972-2727 x5000

#### Tool & Die Maker 430A

Contact: Gary Steed [gsteed@stclaircollege.ca](mailto:gsteed@stclaircollege.ca) (Evenings) 519-972-2727 x5000

#### Industrial Mechanical Millwright 433A

Contact: Lou Mota 519-972-2727 x5000

#### Truck & Coach Technician 310T

Contact: Scott Suffield [ssuffield@stclaircollege.ca](mailto:ssuffield@stclaircollege.ca) 519-972-2727 x4485



For more information on  
Apprenticeship opportunities  
in Windsor-Essex,  
please call 519-973-1441  
or toll free 1-800-663-5609  
or on the web at  
[www.tcu.gov.on.ca/eng/  
employmentontario/training/](http://www.tcu.gov.on.ca/eng/employmentontario/training/)

## Windsor Campus (T020)

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September and January

**Contact:** Claude Lawrenson  
519-972-2727 ext. 4463  
clawrenson@stclaircollege.ca

## Architectural Technology

### EMPLOYMENT OPPORTUNITIES

Typical entry level positions include junior designer / estimator or CAD operator. Opportunities exist with architectural and engineering firms, general and sub-contractors, homebuilders, building product manufacturers and government agencies. There are also sales opportunities with retailers selling commercial construction products

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U).

Mature students see page 134 for details.

### PROGRAM OVERVIEW

An Architectural Technologist assists the architect or engineer in the assembly of drawings or documents for residential, industrial or commercial projects. Working as a team member, the graduate is involved with estimating projects and their specifications. In "detailing" they help create drawings for the assembly of construction components. Field work can include quality control and job site supervision.

This program will appeal to those with a strong interest in building design and construction. An aptitude for math and strong technical skills are important along with the ability to be effective in a group environment.

### PROGRAM HIGHLIGHTS

- CAD certification.
- Certification in Timberline Software used for estimating.
- Dedicated Resource Centre for research by Architectural Technology students.
- Hands-on experience with Life and Employment Skills class
- Code certification towards a registered BCIN number with completion of Ministry Housing exams.

### DEGREE COMPLETION

Graduates of this program that meet the Lawrence Technological University requirements may receive credit towards a 4 year Bachelor of Science in Architecture degree. See the program coordinator for details.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,560.75
Equipment approximately	\$150.00
Safety shoes, safety glasses & hard hat	\$150.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### LOOKING FOR A SCIENCE DEGREE SPECIALIZING IN ARCHITECTURE?

St. Clair College has a unique agreement with Lawrence Technological University in Detroit that allows students to get the best of both worlds – a focused and content relevant diploma from St. Clair and a degree from Lawrence Tech.

The investment is less than taking four years at university and you'll enjoy a great international education experience too.

Find out more by calling **Professor Ken Acton** at **519-972-2727 Ext. 4322** or email [kacton@stclaircollege.ca](mailto:kacton@stclaircollege.ca)

### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ARC101B Drafting and Design 1
- ARC102B Construction Theory
- ARC103B Building Services 1
- ARC125 Building CAD 1
- CVL105 Surveying 1
- ENG212LS Communications 1
- MTH143 Math for Construction 1

#### Semester 2

- ARC209 Drafting & Design 2
- ARC202B Estimating & Specifications
- ARC204 Building CAD 2
- ARC207 Life and Employable Skills
- ARC239 Ontario Building Code 1
- MTH243 Math for Construction 2
- CVL205B Statics

#### Semester 3

- ARC301B CAD Drafting & Design 3
- ARC302B Construction Theory 2
- ARC303B Building Services 2
- ARC304B Building CAD 3
- ARC305 Structural Steel Design
- ARC306 Architectural Detailing 1
- ARC313 Ontario Building Code 2

#### Semester 4

- ARC300GE Influence of Art on Building
- ARC401B CAD Drafting & Design 4
- ARC404B Building CAD 4
- ARC400G Visual Communications
- ARC406 Architectural Detailing 2
- ARC405 Reinforced Concrete Design
- ENG312LS Communications 2

#### Semester 5

- ARC501A CAD Drafting & Design 5
- OR
- ARC501 CAD Drafting & Design 5
- ARC502A Computer Estimating 2
- ARC504A Building CAD 5
- ARC505 Material Testing
- ARC517 Ontario Building Code 3
- ARC410 Environmental Design

#### Semester 6

- ARC600 Personal Portfolio
- ARC601 CAD Drafting & Design 6
- OR
- ARC601A CAD Drafting & Design 6
- ARC602A Contracts and Specifications Building CAD 4
- ARC610 Project Management
- ELEC1030 General Education Elective
- OR
- ARC155G Habitat for Humanity

### EMPLOYMENT OPPORTUNITIES

Great careers as an instructor therapist exist in community agencies, school boards, government funded Autism programs, with private providers and home programs.

### ADMISSION REQUIREMENTS

Post Secondary graduates from a related discipline such as college diploma, college advanced diploma or applied degree in a related discipline (e.g. Behavioural Science, Early Childhood Education, Child and Youth Worker, Developmental Services Worker, Educational Support).

### PROGRAM OVERVIEW

This full time program will take one year to complete. Graduates of this program will obtain a higher level of specialized knowledge, skill and independence in the areas of assessment and treatment of autism spectrum disorder.

This program is a combination of academic and practical experience and provides an opportunity for learners to build on their undergraduate studies in order to work effectively as an integral member of a services delivery team, supporting individuals with autism and autism spectrum disorders.

Graduates will demonstrate leadership in guiding the activities of others and will have the knowledge and skills necessary to develop practical solutions. A broad understanding and training in the area of Applied Behaviour Analysis principles and practices including Intensive Behavioural Intervention Techniques is a focus of the curriculum.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a **clear POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by **mid September**, you jeopardize the opportunity to complete either of your field placements.

### HEALTH REQUIREMENTS

Accepted applicants must submit proof of a satisfactory medical examination and up-to-date immunization records prior to program entry.

Please be advised that lack of documented immunizations may result in the restriction of clinical/field placement and therefore may delay and/or prevent completion of the prescribed program.

**Credential:** Ontario College Graduate Certificate

**Program Length:** One Year

**Starts:** September

**Contact:** Cristina Angileri  
519-972-2727 ext. 5057  
cangileri@stclaircollege.ca

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,483.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ABS100 Intro to Applied Behaviour
- ABS105 Intro to Autism Spectrum Disorder (ASD)
- ABS115 Working with Families and Teams
- ABS125 Field Placement I
- ABS107 Specialized Instructional Strategies
- ABS130 Non-violent Crises Prevention & Intervention
- ABS120 Ethics & Professionalism

#### Semester 2

- ABS202 Transition Planning & Implementations
- ABS200 Behavioural Skills Building
- ABS203 Parent & Staff Training
- ABS225 Field Placement II
- ABS110 Treating Challenging Behaviours

## Windsor Campus (T755)

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** TBA  
519-972-2727

# NEW! Biomedical Engineering Technology - Equipment and Devices

## EMPLOYMENT OPPORTUNITIES

Entry level positions in industries that design, manufacture, repair and/or sell biomedical implants, surgical instruments, medical devices and medical equipment. Employment opportunities may be found within hospitals and clinical facilities for scheduled preventative and corrective maintenance and safety inspections of medical devices.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English (ENG4U, ENG4C, EAE4C or EAE4U)
- Grade 12 Mathematics C or U (MCT4C Recommended)
- Recommended: Senior Level Biology (C) or (U)

Mature students see page 134 for details.

## PROGRAM OVERVIEW

This is an interdisciplinary program combining the fields of health science and engineering where students will apply engineering principles to the field of medical science. The Biomedical Engineering Technology - Equipment and Devices Advanced Diploma program will cover the broad sectors of Biomechanics, Biomaterials and Bioinstrumentation and Imaging. Students in this program will acquire interdisciplinary skills from the areas of Mechanical and Electrical/Electronics Engineering, Physical Sciences, Biology, Chemistry and Health Sciences, and will apply these multidisciplinary skills to biological and biomedical systems.

## PROGRAM HIGHLIGHTS

- According to the U.S. Bureau of Labor Statistics, the Medical Equipment and Supplies Manufacturing Industry employs the greatest number of Biomedical Engineering Technologists.
- Biomedical Engineering Technologists will be the single fastest growing occupation with a projected increase of 72% or 11,600 new jobs between 2008-2018.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition for 2013 are as follows:

Total 1st Year Tuition \$3,148.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at:  
[www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MTH128 Technical Math
- PHY168 Physics
- SON105 Medical Terminology
- EET144 Introduction to Computer Aided Design
- MIT146 Networking I
- BME100 Introduction to Biomedical Engineering

### Semester 2

- MTH203 Differential Calculus
- MET227 Applied Engineering I
- EET242 Electrical Circuits
- ENG212LS Communications I
- CHM161A Introduction to Chemistry I - Lecture
- ELEC1030 General Education Elective

### Semester 3

- MTH404 Integral Calculus
- MET327 Applied Engineering II
- BME300 Clinical Engineering I
- EET307 Microprocessors/Microcontrols
- EET312 Digital Systems

### Semester 4

- BME401 Physiology
- BME402 Biomedical Instrumentation
- BME400 Clinical Engineering II
- BME405 Introduction to Biomechanics for Biomedical Engineering

### Semester 5

- BME501 Biomedical Signal Analysis
- BME502 Tissue Biomechanics
- BME500 Biomedical Engineering Technology Project I
- BME503 Computer and Math Applications
- MTH406 Statistics
- ELEC1030 General Education Elective

### Semester 6

- BME600 Biomedical Engineering Technology Project II
- BME601 Medical Imaging
- BME602 Biomaterials
- BME603 Biomedical Ethics
- ELEC1030 General Education Elective

### EMPLOYMENT OPPORTUNITIES

A Border Services officer plays an essential role in protecting the safety and security of Canada and Canadians at various border crossings in the country. They help in facilitating the flow of people and goods across our borders.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### HEALTH & FITNESS REQUIREMENTS

Applicants must be able to physically perform the duties of this position. To obtain a diploma in Border Services, successful applicants will be required to meet the minimum standards of the PREP. Any student seeking entry into this program should evaluate their physical readiness in anticipation of a rigorous fitness routine.

### PROGRAM OVERVIEW

The Border Services diploma program provides a foundational knowledge in customs, immigration and food inspection. Students will become familiar with the pertinent legislation, procedures and documentation required to move people and goods across the border. In addition, they will also develop important communications, dispute resolution and critical thinking skills. The program is designed to give the graduates foundation training to enable them to seek careers in the many industries and government agencies responsible for facilitating the movement of persons and goods across the borders.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$6,118.98 (Windsor)
	\$6,068.98 (Chatham)

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at [stclair.bkstr.com](http://stclair.bkstr.com)

**Credential: Ontario College Diploma**

**Program Length: Delivered in less than 1 year**

**Starts: September**

**Contact: Windsor - Paula Kellam**  
519-972-2727 ext. 5024  
[pkellam@stclaircollege.ca](mailto:pkellam@stclaircollege.ca)

**Chatham - Randy Hamelin**  
519-354-9714 ext. 3289  
[rhamelin@stclaircollege.ca](mailto:rhamelin@stclaircollege.ca)



## DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### WINDSOR DELIVERY

#### Semester 1

- PFP204 Communications II
- PFP108 Lifestyle & Fitness Management I
- BRS200 Immigration
- PFP101 Criminal Justice in Canada
- SSC177G Society and Me
- BRS303 Memory Retention & Application
- LSA310 Customs
- PFP301 Criminal and Civil Law
- PFP302 Criminal Code

### CHATHAM DELIVERY

#### Semester 1

- PFP204 Communications II
- PFP108 Lifestyle & Fitness Management I
- BRS200 Immigration
- PFP101 Criminal Justice in Canada
- SSC177G Society and Me
- BRS303 Memory Retention & Application
- PFP301 Criminal and Civil Law
- PFP302 Criminal Code
- SSC121G Society and Me

#### Semester 2

- PFP208 Lifestyle & Fitness Management II
- LSA312 Control & Defense Techniques (Use of Force)
- BRS300 Brokerage
- PFP201 Criminology
- SSC121G Celebrating Cultural Diversity
- BRS205 Food Inspection
- PFP304 Interviewing & Investigation
- FRC594 French Intro Communication I
- MIC111 Computer Applications
- ELEC1030 General Education Elective

#### Semester 2

- PFP208 Lifestyle & Fitness Management II
- LSA312 Control & Defense Techniques (Use of Force)
- BRS300 Brokerage
- PFP201 Criminology
- LSA310 Customs
- BRS205 Food Inspection
- PFP304 Interviewing & Investigation
- FRC594 French Intro Communication I
- MIC111 Computer Applications
- PFP402 Criminal Code & Fed Statutes

#### Semester 3

- PFP405 Conflict Management & Crisis Intervention
- FRC595 French Intro Communication II
- PFP402 Criminal Code and Federal Statutes
- SSC110G Introduction to World Cultures
- PFP110 Ethics and Professionalism
- MIC211 Computer Applications II
- PFP404 Investigation and Evidence
- BRS305 Counterfeit Documents and Fraud Detection
- BRS100 Canadian Firearms & Restricted Firearms Safety

#### Semester 3

- PFP405 Conflict Management & Crisis Intervention
- FRC595 French Intro Communication II
- ELEC1030 General Education Elective
- SSC110G Introduction to World Cultures
- PFP110 Ethics and Professionalism
- MIC211 Computer Applications II
- PFP404 Investigation and Evidence
- BRS305 Counterfeit Documents and Fraud Detection
- BRS100 Canadian Firearms & Restricted Firearms Safety



**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September and January

**Contact:** Chatham - Barb Chapple  
519-354-9714 ext. 3310  
bchapple@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Graduates will have a broad knowledge of business principals which will help them gain entry level jobs in any discipline. They will have the foundational knowledge to entertain a small business startup.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level. Mature students see page 134 for details.

### PROGRAM OVERVIEW

Graduates of the Business program will be able to carry out a variety of business functions within Canadian and international business settings. Students will obtain a practical comprehension of key principles and practices necessary for success in the field of business. A number of skill areas will be addressed such as finance, marketing, human resources and logistics thus ensuring a strong base in business fundamentals. This is a general business program designed to offer the widest possible career and/or additional educational opportunities upon graduation.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees     \$3,410.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ACC110 Accounting Concepts I
- MGN310 Organizational Behaviour
- ECN110 Macroeconomics
- BUS147 Communications & Career Strategies I
- MIC111 Computer Applications I
- MTH146 Mathematics of Personal Finance
- ELEC1030 General Education Elective

### Semester 2

- MGN340 Human Resource Management
- ACC210 Accounting Concepts II
- ECN210 Microeconomics
- MIC211 Computer Applications II
- ELEC1030 General Education Elective
- MTH237 Statistical Concepts
- MRK202 Introduction To Canadian Marketing

### Semester 3

- MRK317 Multimedia Sales Presentation
- ACC320 Cost Accounting
- ACC326 Accounting Software Applications
- BUS317 Communication & Career Strategies II
- MRK332 Supply Chain Management
- ELEC1030 General Education Elective

### Semester 4

- MRK431 Business – Retail Marketing
- ACC420 Management Accounting I
- MRK432 Marketing Management
- BUS457 Legal Issues And Professionalism
- ACC444 Financial Management
- BUS458 Integrated Logistics Management
- MGN320 Management Principles

### EMPLOYMENT OPPORTUNITIES

Graduates of this program are prepared for entry level positions as accounting clerks, bookkeepers or accounting trainees. The positions are generally in small and medium sized businesses, the not-for-profit sector or government offices.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College(C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

The Business - Accounting two-year program provides students with a solid background in accounting and bookkeeping from a broad business perspective. Graduates of this program are proficient in various accounting, income tax, and spreadsheet software packages.

### PROGRAM HIGHLIGHTS

- Up-to-date computer labs using the latest accounting software.
- Exemptions from the Certified Accountant (CGA) program of study.
- Smooth transition to three year program.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,460.75 (Windsor)
	\$3,410.75 (Chatham)

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at; [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September and January (Windsor only)

**Contact:** Windsor - Warren Beck  
519-972-2727 ext. 4336  
[wbeck@stclaircollege.ca](mailto:wbeck@stclaircollege.ca)

Chatham- Barb Chapple  
519-354-9714 ext. 3310  
[bchapple@stclaircollege.ca](mailto:bchapple@stclaircollege.ca)



### DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ACC110 Accounting Concepts I
- BUS108 Introduction to Canadian Business
- ECN110 Macro Economics
- COM200 Communication & Today's Workplace
- MIC111 Computer Applications I
- MTH146 Math of Personal Finance

#### Semester 2

- ELEC1030 General Education Elective
- ACC210 Accounting Concepts II
- ECN210 Microeconomics
- MIC211 Computer Applications II
- MRK202 Introduction to Canadian Marketing
- MTH237 Statistical Concepts

#### Semester 3

- ACC316 Advanced Spreadsheets
- ACC320 Cost Accounting
- ACC326 Accounting Software Applications
- ACC328 Intermediate Accounting I
- ACC335 Canadian Income Tax I
- MGN310 Organizational Behaviour
- ELEC1030 General Education Elective

#### Semester 4

- ACC420 Management Accounting I
- ACC426 Computer Accounting II
- ACC428 Intermediate Accounting II
- ACC435C Canadian Income Tax II
- ACC444 Financial Management I
- MGN320 Management Principles
- ELEC1030 General Education Elective

## Windsor Campus (B007)

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September and January

**Contact:** Warren Beck  
519-972-2727 ext. 4336  
wbeck@stclaircollege.ca

# Business Administration - Accounting

## EMPLOYMENT OPPORTUNITIES

Graduates of the Business Administration - Accounting program are prepared for a wide range of career opportunities in accounting or financial management. Entry level positions include financial analyst, budget analyst, tax preparer, junior accountant, bookkeeper, or management trainee.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College(C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

## PROGRAM OVERVIEW

This program prepares students to work in various areas of accounting including financial accounting, managerial accounting, taxation, financial management and auditing. The curriculum provides graduates with a broad business background with courses in management, economics, law, finance, and statistics. Graduates of this program are proficient in various accounting, income tax, and spreadsheet software packages. To gain experience, qualifying students also participate in a field placement.

## PROGRAM HIGHLIGHTS

- Third year field placements for qualifying students.
- Exemptions from the Certified General Accountant (CGA) program of study.
- Transfer agreements with several universities.

## DEGREE COMPLETION

Depending upon academic achievement, graduates may be granted some credits toward the Certified General Accountants (CGA) Association program of Professional Studies.

Pending Ministry Approval, graduates of this 3 year Advanced Business Diploma may be eligible for the Business Leadership - Bridge to Graduate Studies (MBA) at Lawrence Technological University. Please watch our web site for updated information.

In addition, graduates may receive credits towards:

- Honours B. Comm from the University of Windsor
- B. Comm from Walsh College
- B. Comm from Nipissing University (delivered on the St. Clair College Campus)
- B. Comm from Davenport University

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ACC110 Accounting Concepts I
- BUS108 Introduction to Canadian Business
- ECN110 Microeconomics
- COM200 Communication & Today's Workplace
- MIC111 Computer Applications I
- MTH146 Math of Personal Finance

### Semester 2

- ELEC1030 General Education Elective
- ACC210 Accounting Concepts II
- ECN210 Microeconomics
- MIC211 Computer Applications II
- MRK202 Introduction to Canadian Marketing
- MTH237 Statistical Concepts

### Semester 3

- ACC316 Advanced Spreadsheets
- ACC320 Cost Accounting
- ACC326 Accounting Software Applications
- ACC328 Intermediate Accounting I
- ACC335 Canadian Income Tax I
- MGN310 Organizational Behaviour
- ELEC1030 General Education Elective

### Semester 4

- ACC420 Management Accounting I
- ACC426 Computer Accounting II
- ACC428 Intermediate Accounting II
- ACC435C Canadian Income Tax II
- ACC444 Financial Management I
- BUS606 Management Information Systems
- ELEC1030 General Education Elective

### Semester 5

- ACC515 Intermediate Accounting III
- ACC520 Management Accounting II
- ACC544 Financial Management II
- ACC622 Auditing
- MGN300 Business Ethics
- ACC538 Work Placement
- OR
- ACC638 Accounting Research

### Semester 6

- ACC615 Intermediate Accounting IV
- ACC627 Accounting Projects
- BUS 300G Business Law
- MTH 710 Quantitative Methods for Decision Making
- MGN320 Management Principles
- ACC538 Work Placement
- OR
- ACC638 Accounting Research

### EMPLOYMENT OPPORTUNITIES

Opportunities exist for entry level positions in financial institutions including banks and credit unions, investment firms, stock and mortgage brokerages, credit departments and insurance companies.

**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September and January

**Contact:** Warren Beck  
519-972-2727 ext. 4336  
wbeck@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

This program provides the financial planning knowledge to prepare students for careers in the financial services sector. Graduates will have a good understanding of Canadian securities and personal financial planning along with the marketing skills needed to sell financial services and products.

### PROGRAM HIGHLIGHTS

- Third year internship in a financial institution for qualifying students.
- Offers training to write the licensing exams for the Canadian Securities Course (CSC) and the Life License Qualification Program (LLQP).
- Up-to-date computer labs using financial planning software.

### DEGREE COMPLETION

Pending Ministry Approval, graduates of this 3 year Advanced Business Diploma may be eligible for the Business Leadership - Bridge to Graduate Studies (MBA) at Lawrence Technological University. Please watch our web site for updated information.

Graduates may also receive credits towards:

- Honours B. Comm from the University of Windsor
- B. Comm from Nipissing University (delivered on the St. Clair College Campus)
- B. Comm from Davenport University
- B. Comm from Walsh College

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,460.75
Canadian Securities Course (Sem. 4) Approx.	\$950.00-\$1,000.00
IFC Insurance Course (Semester 6) Approx.	\$200.00-\$250.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ACC110 Accounting Concepts I
- BUS108 Introduction to Canadian Business
- ECN110 Microeconomics
- COM200 Communication & Today's Workplace
- MIC111 Computer Applications I
- MTH146 Math of Personal Finance

#### Semester 2

- ELEC1030 General Education Elective
- ACC210 Accounting Concepts II
- ECN210 Microeconomics
- MIC211 Computer Applications II
- MRK202 Introduction to Canadian Marketing
- MTH237 Statistical Concepts

#### Semester 3

- ACC335 Canadian Income Tax I
- FIN302 Investment Principles I
- FIN303 Personal Financial Planning
- BUS300 Business Law
- MGN310 Organizational Behaviour
- MRK317 Multimedia Sales Presentations

#### Semester 4

- ELEC1030 General Education Elective
- FIN402 Investment Principles II
- FIN300 Intro to Canadian Securities
- ACC444 Financial Management I
- ENT500 Entrepreneurship
- MGN320 Management Principles

#### Semester 5

- FIN400 Intro to Canadian Securities II
- FIN501 Taxation for Financial Planners
- FIN506 Retirement and Estate Planning
- ACC544 Financial Management II
- ENG300W Written Communications III
- ELEC1030 General Education Elective

#### Semester 6

- FIN602 Prof. Conduct & Practices
- FIN610 Work Placement
- FIN604 Financial Planning Software
- FIN605 Selling Financial Services
- FIN607 Insurance and Personal Risk
- BUS606 Management Information Systems

## Windsor Campus (B880)

**Credential:** Ontario College  
Advanced Diploma

**Program  
Length:** Three Years

**Starts:** September and January

**Contact:** Jerome Collins  
519-972-2727 ext. 4498  
jcollins@stclaircollege.ca

# Business Administration - Human Resources

## EMPLOYMENT OPPORTUNITIES

Graduates find positions in a number of areas including company recruiting, training and labour relations, payroll, benefits and compensation.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

This program prepares students for careers in the Human Resources Departments in both business and government sectors. Human Resources is a highly dynamic field and graduates are prepared to handle recruiting, payroll and benefits. They can also assist in the areas of labour relations and health and safety concerns. This program also prepares students for general management roles in all sectors of industry.

This program will appeal to students who have good interpersonal skills and a solid understanding of business. They must also be comfortable with the confidentiality needed in the field to conduct themselves in a professional manner.

### PROGRAM HIGHLIGHTS

- Work placement in the third year of the program, allowing 14 weeks (80 hours) in a Human Resources setting.
- Preparation for Chartered Human Resources Professional designation (CHRP) governed by the Human Resources Professionals Association of Ontario.

### DEGREE COMPLETION

Pending Ministry Approval, graduates of this 3 year Advanced Business Diploma may be eligible for the Business Leadership - Bridge to Graduate Studies (MBA) at Lawrence Technological University. Please watch our web site for updated information.

Graduates may also receive credits towards:

- Honours B. Comm from the University of Windsor
- B. Comm from Nipissing University (delivered on the St. Clair College Campus)
- B. Comm from Davenport University
- B. Comm from Walsh College

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at:  
[www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ACC110 Accounting Concepts I
- BUS108 Introduction to Canadian Business
- ECN110 Macroeconomics
- COM200 Communication & Today's Workplace
- MIC111 Computer Applications I
- MTH146 Math of Personal Finance

### Semester 2

- ELEC1030 General Education Elective
- ACC210 Accounting Concepts II
- ECN210 Microeconomics
- MIC211 Computer Applications II
- MRK202 Introduction to Canadian Marketing
- MTH237 Statistical Concepts

### Semester 3

- ACC422C Managerial Accounting
- BUS300 Business Law
- ECN404 Labour Economics
- MGN310 Organizational Behaviour
- MGN340 Human Resource Management
- BUS606 Management Information Systems

### Semester 4

- MGN320 Management Principles
- MGN330 Industrial Relations
- MGN440 Compensation & Employee Benefits
- MGN490 Employment Law
- ACC316 Advanced Spreadsheets
- MGN500 Recruitment and Selection

### Semester 5

- ELEC1030 General Education Elective
- MGN430 Collective Bargaining & Dispute Resolution
- MGN470 Occupational Health & Safety
- MGN520 Labour Law
- CCM100 Intro Occup./Non-Occupational Injuries

PLUS

- BUS505 HR Work Placement **OR**
- ELEC1030 General Education Elective

### Semester 6

- MGN300 Business Ethics
- MGN480 Human Resource Planning
- BUS600 Mediation & Conflict Resolution
- BUS605 Selected Topics in Management
- MGN450 Training and Development

PLUS

- BUS505 HR Work Placement **OR**
- ELEC1030 General Education Elective

### EMPLOYMENT OPPORTUNITIES

With the advanced 3 year diploma, graduates will be ready for entry level positions with numerous global enterprises as marketing and sales specialists, trade finance and logistics, trade research, global purchasing and shipping, or as an agent or distributor of goods.

For those who choose to complete their Business degree after their Business Administration - International diploma further opportunities exist in strategic business planning, new market business development, trade management, trade consultant and foreign project management.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

The Business Administration - International program will provide graduates with the fundamental skills and knowledge required to conduct business in a global marketplace. 40% of Canada's economic activity (Gross Domestic Product - GDP) is related to international trade. The majority of that trade is between Canada and the U.S. More than \$2.7 billion a day flows over the border crossings in Windsor, Ontario into the U.S. making it a critical trade corridor between those two countries. All of this activity creates job opportunities and this advanced diploma program will equip graduates with the capabilities to thrive in this sector.

The program offers intensive multi-semester projects that allow students to select a product, research a country that it could be offered in, and build a marketing and business plan to support their business idea. At the end of the program students have the opportunity to submit their final projects to the Canada's National accreditation body the Forum for International Trade Training (FITT) to achieve their FITT certification. They also have the opportunity to qualify for their Certified International Trade Professional (CITP) accreditation. Both of these achievements will provide the graduate with a broader base of employment opportunity.

To be successful in international business you should enjoy foreign travel, be people oriented and outgoing and possess excellent communication skills.

### DEGREE COMPLETION

Pending Ministry Approval, graduates of this 3 year Advanced Business Diploma may be eligible for the Business Leadership - Bridge to Graduate Studies (MBA) at Lawrence Technological University. Please watch our web site for updated information.

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September and January

**Contact:** Floyd Simpkins  
519-972-2727 ext. 4741  
fsimpkins@stclaircollege.ca

Graduates may also receive credits towards:

- Honours B. Comm from the University of Windsor
- B. Comm from Nipissing University (delivered on the St. Clair College Campus)
- B. Comm from Davenport University
- B. Comm from Walsh College

### PROGRAM HIGHLIGHTS

- Multi-semester group project that prepares students to qualify for various certifications including Forum for International Trade Training (FITT) and Certified International Trade Professional (CITP).
- Faculty-supported field trips to local companies undertaking international business as well as international companies and organizations to enhance course-related activities.
- Faculty-supported Internship (work experience) offered in Semester 6. Some internships may happen outside of Windsor so students should be prepared to travel and live in another city for their internship.
- Each semester, students are eligible to complete requirements toward the Forum for International Trade Training (FITT) National Diploma validated by the Canadian Government and Industry.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ACC110 Accounting Concepts I
- BUS108 Intro to Canadian Business
- ECN110 Macroeconomics
- MIC111 Computer Applications
- COM200 Communications in Today's Workplace
- MTH146 Mathematics of Personal Finance

#### Semester 2

- ACC210 Accounting Concepts II
- ECN210 Microeconomics
- MIC211 Computer Applications II
- MRK202 Intro to Canadian Marketing
- MTH237 Statistical Concepts
- ELEC1030 General Education Elective

#### Semester 3

- INT100 Global Entrepreneurship
- INT160 World Geography & Economics I
- INT310 International Trade Research
- BUS300 Business Law
- MRK317 Multimedia Sales Presentations
- MRK550 Business Operations I

#### Semester 4

- INT260 World Geography & Economics II
- INT410 International Trade Logistics
- INT400 Legal Aspects of International Trade
- INT150 International Marketing
- INT405 International Market Entry & Distribution
- INT440 International Culture & Negotiations

#### Semester 5

- INT500 International Trade Finance
- INT510 Selective Topics in International Business
- INT520 Quantitative Methods
- INT530 Economics of International Trade & Finance
- INT550 International Logistics & Documentation
- ELEC1030 General Education Elective

#### Semester 6

- INT600 International Simulation
- INT610 International Trade Management
- INT620 International Business Policy & Ethics
- INT630 Internship
- ELEC1030 General Education Elective

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September and January

**Contact:** Garry Glatter  
519-972-2727 ext. 4331  
gglatter@stclaircollege.ca

**EMPLOYMENT OPPORTUNITIES**

Marketing management opportunities exist in a number of broad based firms including sales, retail and insurance companies. Some opportunities also exist in public relations or communications. Graduates often get involved in entrepreneurial activity opening their own businesses. Others go into market research in small, medium and large national firms.

**ADMISSION REQUIREMENTS**

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

**PROGRAM OVERVIEW**

For students interested in a career in promotion and sales, marketing is the stream to pursue. The graduate of Business - Marketing will possess the presentation skills necessary to promote and sell products or services. Graduates will gain knowledge of the new technology being utilized in marketing and will learn the intricacies of marketing research. They are well prepared to work in retail sales.

This program will appeal to students who are outgoing and self-confident with a strong interest in business and sales. To succeed students must be self-motivated and able to interact well with others.

**PROGRAM HIGHLIGHTS**

- Student field work includes marketing research projects in the community.
- Become proficient in current software programs.

**YOUR INVESTMENT**

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



**DIPLOMA REQUIREMENTS** Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

**Semester 1**

- ACC110 Accounting Concepts I
- BUS108 Introduction to Canadian Business
- ECN110 Microeconomics
- COM200 Communication & Today's Workplace
- MIC111 Computer Applications I
- MTH146 Math of Personal Finance

**Semester 2**

- ELEC1030 General Education Elective
- ACC210 Accounting Concepts II
- ECN210 Microeconomics
- MIC211 Computer Applications II
- MRK202 Introduction to Canadian Marketing
- MTH237 Statistical Concepts

**Semester 3**

- ELEC1030 General Education Elective
- MGN310 Organizational Behaviour
- MRK317 Multimedia Sales Presentations
- MRK325 Advertising Management
- MRK332 Supply Chain Management
- MRK340 Techno Marketing

**Semester 4**

- ELEC1030 General Education Elective
- MGN320 Management Principles
- MRK440 Professional Sales Negotiation
- MRK420 Marketing Research
- MRK427 Marketing Research Project
- MRK432 Marketing Management

### EMPLOYMENT OPPORTUNITIES

Marketing management opportunities exist in a number of broad based firms including sales, retail and insurance companies. Some opportunities also exist in public relations or communications. Graduates have found employment in sports marketing, event marketing and with media outlets. Others go into market research in small, medium and large national firms.

**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September and January

**Contact:** Garry Glatter  
519-972-2727 ext. 4331  
gglatter@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

Business Administration - Marketing is the three year program that enables students to learn about key management skills and the promotion of products, companies and businesses. Gain a clear understanding of consumer behavior, sales promotional tactics and apply these skills to group driven marketing case studies and analysis. Practicing sales presentations allows students to hone their skills. This program will appeal to students who are strategic and creative thinkers with strong analytical skills and have a comfortable level as a team leader since there is an emphasis on operations management.

### PROGRAM HIGHLIGHTS

- Student field work includes marketing research projects in the local community.
- Third year students have an opportunity to participate in the Ontario Colleges' Marketing Competition (OCMC).
- Internship for qualified third year students in their final semester.
- Optional 1 year diploma available in human resources with additional course completion.

### DEGREE COMPLETION

Pending Ministry Approval, graduates of this 3 year Advanced Business Diploma may be eligible for the Business Leadership - Bridge to Graduate Studies (MBA) at Lawrence Technological University. Please watch our web site for updated information.

Graduates may also receive credits towards:

- Honours B. Comm from the University of Windsor
- B. Comm from Nipissing University (delivered on the St. Clair College Campus)
- B. Comm from Davenport University
- B. Comm from Walsh College

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ACC110 Accounting Concepts I
- BUS108 Introduction to Canadian Business
- ECN110 Microeconomics
- COM200 Communication & Today's Workplace
- MIC111 Computer Applications I
- MTH146 Math of Personal Finance

#### Semester 2

- ELEC1030 General Education Elective
- ACC210 Accounting Concepts II
- ECN210 Microeconomics
- MIC211 Computer Applications II
- MRK202 Introduction to Canadian Marketing
- MTH237 Statistical Concepts

#### Semester 3

- ELEC1030 General Education Elective
- MRK311 Program and Event Planning
- MRK317 Multimedia Sales Presentations
- MRK325 Advertising Management
- MRK332 Supply Chain Management
- MRK340 Techno Marketing

#### Semester 4

- ELEC1030 General Education Elective
- MGN310 Organizational Behaviour
- MRK440 Professional Sales Negotiations
- MRK420 Marketing Research
- MRK427 Marketing Research Projects
- MRK432 Marketing Management

#### Semester 5

- BUS300 Business Law
- MRK550 Business Operations I
- MRK517 Merchandising Management
- MRK520 Marketing Cases
- MRK525 Consumer Behaviour
- MRK532 Strategic Marketing Mgt.

#### Semester 6

- MRK680 Global Marketing Environments
- MRK650 Business Operations 2
- MRK622 Logistics Management
- MRK605 Applied Marketing Simulation
- MRK607 Business Policy & Ethics
- MRK618 Internship Preparation and Assessment
- MRK609 Internship
- MRK672 Sports & Event Marketing



**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Manu Sehgal  
519-972-2727 ext. 4195  
msehgal@stclaircollege.ca

**EMPLOYMENT OPPORTUNITIES**

Careers for this field will find graduates working in hospital settings and clinics such as Cardiac Stress testing and ECG Departments, operating room and emergency, community agencies, long term care agencies, medical sales and services, education institutions, patient education, rehabilitation clinics, and research. Graduates of the program must meet the requirements of the jurisdiction in which they wish to practice.

**IMPORTANT NOTE:**

This is an **OVERSUBSCRIBED** program. Apply by February 1st to be considered for this program. For more information see page 134.

**ADMISSION REQUIREMENTS**

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus successful completion of:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U
- Grade 12 Mathematics - MCT4C, MAP4C, MHF4U, or MCV4U
- Senior Level Physics (C) or (U)
- Senior Level Biology (C) or (U)
- Senior Level Chemistry (C) or (U)

Mature students see page 134 for details.

**PRE-ADMISSION TESTING**

The Health Occupations Aptitude Exam (HOAE) is required for entrance into this program. There is a fee associated with the test. Please check this program page on the college web site for fee amounts and details.

**SELECTION PROCEDURE**

A score is determined for each applicant derived from the Pre-Admission Testing score and from required subjects for admission. Scores are then ranked by highest score and selection is made for the available positions and places on the waiting list.

**PHYSICAL DEMANDS**

Specific physical demands are part of this program. Please see the program page on the college web site for details to ensure you meet this criteria to be successful in the program.

**PROGRAM OVERVIEW**

Cardiovascular technologists are allied health professionals who perform tests at the request of a physician to obtain information about a patient's heart and blood vessel anatomy and function so the physician can make a diagnosis. You will learn to use a variety of electronic monitoring and other equipment for electrocardiography, multi-stage stress testing, Holter and ambulatory monitor analysis, tilt table testing, pacemaker clinics and blood pressure analysis. Simulation labs and clinical placement settings exposes the student to practical learning.

**ACCREDITATION**

The Cardiovascular Technology program is registered for Canadian Medical Association Accreditation. The on-site survey is scheduled for February 2014. Graduates will then be eligible to write the CSCT national certification exam. The program's registered status and tentative date of the assessment are posted on the "Official List of Programs" at [www.cma.ca/accredit](http://www.cma.ca/accredit).

**CLINICAL PLACEMENTS**

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester
  - Clinical placements may be on day, afternoon or weekend shifts **ANYWHERE** within Ontario.
  - You are responsible for travel and accommodation costs.

**HEALTH REQUIREMENTS**

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

**COMPUTER PROFICIENCY REQUIREMENTS**

Students in this program must have basic computer literacy, which includes word processing, spreadsheets, Internet and e-mail.

**YOUR INVESTMENT**

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,259.11

For textbook prices see the Bookstore website: [www.stclair.bkstr.com](http://www.stclair.bkstr.com)

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

**DIPLOMA REQUIREMENTS**

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

**Semester 1**

- SON100 Human Anatomy and Physiology
- CRD100 Introduction to Cardiovascular Technology
- SON105 Medical Terminology
- CRD101 Introduction to Electrocardiography
- ELEC1030 General Education Elective

**Semester 2**

- AHS201 Applied Health Science Statistics
- CRD206 Introduction to Patient Care
- CRD207 ECG Interpretation
- CRD204 Cardiac Anatomy and Physiology
- CRD205 Stress Testing

**Semester 3**

- CRD303 Cardiovascular Clinical Practicum I

**Semester 4**

- CRD203 Cardiac Pharmacology
- CRD407 Cardiac Pathophysiology
- ELEC1030 General Education Elective
- CRD405 Holter and Ambulatory Monitoring
- CRD402 Introduction to Cardiovascular Devices
- CRD406 Cardiac Rehabilitation

**Semester 5**

- CRD505 Advanced ECG Interpretation
- CRD506 Cardiac Devices II
- CRD507 Cardiac Intervention
- CRD508 Cardiac Diagnostics
- CRD301 Basic Venipuncture for Allied Health Professionals
- ELEC1030 General Education Elective ONLINE

**Semester 6**

- CRD610 Cardiovascular Clinical Practicum - Final

# Carpentry Techniques

**Windsor Campus (T964)**

## EMPLOYMENT OPPORTUNITIES

Opportunities exist in the general carpentry trade including contractors, construction and renovation companies.

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September

**Contact:** Roy Bottoset  
519-972-2727 ext. 4407  
rbottoset@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program.

Mature students see page 134 for details

## PROGRAM OVERVIEW

This program is designed to give the student an understanding of the theoretical and practical aspects of the carpentry trade and to familiarize them with the associated tools and materials. The program also provides the student with a solid foundation to continue their education in areas closely connected to the carpentry trade and the various construction trades, as well as the renovation industry. The skills acquired in this program will enhance graduates seeking employment opportunities with the general carpentry trade including contractors, construction and renovation companies.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees     \$3,483.75  
Safety shoes, glasses and hard hat approx.     \$180.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- BDT110 Trade Drawings / Layout
- BDT115 Construction Health and Safety
- BDT106 Carpentry Calculations
- BDT116 Machining Theory I
- BDT125 Machining Practical I
- BDT302 Materials I

### Semester 2

- BDT215 Estimating & Project Planning
- BDT307 Trim Carpentry Techniques
- CRP208 Exterior Renovation Techniques
- CRP210 Interior Renovation Techniques
- CRP211 Outdoor Structures
- BDT100G Environmental Awareness

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Deborah Boersma  
519-972-2727 ext. 4219  
dboersma@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Career opportunities include pharmaceuticals, petroleum, food, mining, electroplating, wine/spirits, paints, polymers, plastics, computer materials, manufacturing, environmental, water treatment, consulting, pulp and paper, automotive, agricultural, ethanol, nuclear technology, government agencies, new materials, solar energy, wind energy, geological, fuel cell technology, biochemical, forensics, optics, nanotechnology and more.

These are broad categories of industries where specific job opportunities can be found in quality control, process, sales, research and development, supervision and management. A Chemistry Diploma can get you a job anywhere in North America or the globe since that skill set is in such demand. The United Nations sanctioned 2011 as the International Year of Chemistry in part because of this need! Any of our graduates who have been willing to explore job opportunities throughout Ontario and even Canada/United States have found employment within six months of graduation.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U).
- Senior level Physics (C) or (U) is recommended.

Mature students see page 134 for details.

## PROGRAM OVERVIEW

The Chemical Laboratory Technology program provides graduates with knowledge in the core sciences as well as problem solving fundamentals for chemistry, biochemistry, physics and math. This program now occupies a unique position where graduates demonstrate firm problem solving abilities that can be applied across the largest number of industries from pharmaceuticals and the petroleum industry to environmental, nuclear technology and alternative energy. No other program offers such a wide range of employment or further educational opportunities. The scope of the knowledge and skills that come from this program is unparalleled and graduates are highly sought after by employers across a broad spectrum of industries.

## PROGRAM HIGHLIGHTS

- Solid business and industry partnerships provide students the opportunity to participate in R&D projects.
- Third year placement to conduct a research project.
- This program gives the graduate unparalleled versatility in the job market.
- Since chemistry is the central science, this program offers the greatest number of pathways to university education.

## DEGREE COMPLETION

University of Windsor: graduates with 3.00 cumulative grade point average or better may be eligible to receive credit for:

- Up to 17 of the 30 credits required for the 3-year General Science Degree (B.Sc.)
- Up to 17 of the 40 credits required for the 4-year Chemistry Degree (B.Sc.)

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$3,660.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at:  
[www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- CHM124 Laboratory Techniques I
- CHM127G Workplace Safety as a Social Issue
- CHM151 General Chemistry I
- CHM161B Intro to Chemistry I (Lab)
- PHY130 Physics I
- MTH128 Technical Math I

### Semester 2

- PHY222 Physics II
- CHM251 General Chemistry II
- CHM224 Laboratory Techniques II
- CHM225 Inorganic Chemistry
- MTH203 Differential Calculus

### Semester 3

- CHM325 Organic Chemistry I
- CHM327 Analytical Chemistry I
- CHM503 Chemical Computer Applications
- MTH406 Probability & Statistics
- MTH340 Integral Calculus

### Semester 4

- CHM408 Analytical Chemistry II
- CHM421G Environmental Legislation and its Impact on Society
- CHM429 Physical Chemistry
- CHM4275 Organic Chemistry II
- CHM614 Industrial Control Systems

### Semester 5

- CHM527 Organic Chemistry III
- CHM507 Industrial Chemistry
- CHM508 Analytical Chemistry III
- CHM529 Physical Chemistry II
- CHM619 Microbiology
- CHM535 Seminar Presentations I

### Semester 6

- CHM605 Polymer Chemistry
- CHM613 Organic Chemistry IV
- CHM635 Seminar Presentations II
- CHM653A Environmental Analytical Chemistry
- CHM620 Technical Project
- ELEC1030 General Education Elective

### EMPLOYMENT OPPORTUNITIES

Occupational areas where graduates can expect to find employment may include residential and day treatment agencies, child and family service agencies, child and youth treatment agencies, young offenders' facilities, children's aid societies, educational environments, community agencies, group homes, respite services etc.

**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Lynne Sibley  
519-972-2727 ext. 4209  
lsibley@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U.

Mature students see page 134 for details.

### PROGRAM OVERVIEW

This three-year advanced diploma program is designed to provide students with the skills and knowledge necessary to work with children, adolescents, and families experiencing a wide range of emotional, social, behavioural and /or mental health needs. Child and Youth workers are specialists in facilitating change in children and youth and are expected to work with various professionals including educators, medical and social work professionals, correctional officers and family organizations dedicated to implementing a range of intervention, prevention and treatment strategies for children and their families. Child and youth workers are a valuable resource as they are committed to understanding and interacting in therapeutic relationships that foster positive change.

### PROGRAM HIGHLIGHTS

- Implement a range of prevention, intervention and treatment strategies for children, youth and their families including crisis intervention, conflict management, problem solving, counseling, activity programming and group work.
- Work with client challenges including difficult home situations, substance abuse, behavioural problems, mental health challenges and conflicts with the law.

### HEALTH REQUIREMENTS:

Accepted applicants must submit proof of a satisfactory medical examination and up-to-date immunization records prior to program entry.

Please be advised that lack of documented immunizations may result in the restriction of clinical/field placement and therefore may delay and/or prevent completion of the prescribed program.

### DEGREE COMPLETION

Graduates of the Child & Youth Worker program with a minimum GPA of 3.0 may be eligible to block transfer into Year 3 of Degrees in Disability Studies, Psychology and Social Work at the University of Windsor. Graduates may also be admitted into the third year of the Bachelor of Justice Studies Degree at Royal Roads University.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a **CLEAR POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. Detailed information on dates to apply for police clearance will be given throughout the semester.

#### NOTE:

- CPR and First Aid Certification must be obtained PRIOR to Field Placements.
- Students must successfully complete each semester before advancing to the next.
- You must be available to perform your placement or internship duties on off hours, which may include evenings and weekends.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,486.48

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- CYW251 Activities with Children I
- CYW154 Psychology of Adjustment
- CYW155 CYW As A Professional
- COM200 Communication and Today's Workplace
- SSC 160 Basic Psychology
- ELEC1030 General Education Elective

#### Semester 2

- CYW150 Techniques I
- CYW152 Introduction to Treatment
- SSC159 Abnormal Psychology
- SSC121G Celebrating Cultural Diversity
- SSC240 Developmental Psychology

#### Semester 3

- CYW100 Field Experience I

#### Semester 4

- ELEC1030 General Education Elective
- CYW156 Observation Skills & Reporting
- CYW250 Child Care Techniques II
- CYW256 Family Dynamics
- CYW357 Young Offenders & Social Deviance

#### Semester 5

- PED100 Physical Fitness Wellness and Nutrition
- CYW257 Counselling Process, Progress & Evaluation
- CYW258 Personality Psychology
- CYW351 Activities With Children II
- CYW352 Ethics & Practice In Crisis Intervention

#### Semester 6

- CYW200 Field Experience II

#### Semester 7

- ELEC1030 General Education Elective
- CYW312 Family Based Intervention
- CYW333 Children & Youth with Exceptionalities
- CYW340 Adolescent Issues & Intervention
- CYW359A CYW Seminars
- CYW268 Clinical Developmental Psychopathology

#### Semester 8

- CYW254 Individual Growth & the Group Process
- CYW350 Child Care Techniques III
- CYW358 Learning Theory & Behavioural Change
- CYW359B CYW Seminars
- PRM125 Pharmacology

#### Semester 9

- CYW300 Field Experience III

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** One Year

**Starts:** September

**Contact:** Joy Kemble  
519-354-9714 ext. 3320  
jkemble@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

With two credentials, employment opportunities for graduates are excellent in mental health treatment centres, residential facilities, young offender facilities, schools, group homes, community-based settings and in-home work with families.

### ADMISSION REQUIREMENTS

A University Degree in Social Sciences with at least one course in Introductory Psychology and Developmental Psychology or a Diploma in Early Childhood Education, Developmental Services Worker or Educational Support program. Educational Support graduates may need to take additional tutorial in the summer prior to admission to this program. Contact the Coordinator for details.

### PROGRAM OVERVIEW

This post graduate program provides individuals with an opportunity to complete the three year CYW diploma program in an intensive eleven month time frame. This additional background allows for a combination of skills important in the workplace and provides practical field placement experience.

A Child and Youth Worker is a specialist in facilitating change in children or adolescents experiencing a range of social, emotional, behavioural, or learning challenges. Graduates are involved in all facets of care from assessment to intake, goal formulation, program planning and intervention. Child and Youth Workers facilitate change through supportive counselling and a variety of evidenced based intervention strategies.

### PROGRAM HIGHLIGHTS

- Smaller class size with more one-on-one contact with instructors.
- Exceptional field placements with an effort made to match students to their own community when possible in the London, Windsor, Sarnia, Chatham areas.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a **CLEAR POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. Detailed information on dates to apply for police clearance will be given throughout the semester.

#### NOTE:

- CPR and First Aid Certification must be obtained PRIOR to final Field Placements.
- Students must successfully complete each semester before advancing to the next.
- You must be available to perform your placement or internship duties on off hours, which may include evenings and weekends.

### HEALTH REQUIREMENTS

Accepted applicants must submit proof of a satisfactory medical examination and immunization prior to entry into the field practicum.

Please be advised that lack of documented immunizations may result in the restriction of clinical placement and therefore may delay and/or prevent completion of the prescribed program.

### TRANSFER AGREEMENT

Graduates are also eligible to participate in a Transfer Agreement between the Developmental Service Worker or Early Childhood Education program.

### DEGREE COMPLETION

Graduates may be eligible to apply to the third year of the Bachelor of Social Work, B.A. in Psychology, and the B.A. in Disability Studies Programs at the University of Windsor. See the program coordinator for details.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$3,316.82

Students are responsible for all costs associated with travel to the field placement which may include locations in Chatham, London, Windsor, West Lorne, Dover Centre, and Sarnia.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- CYW155 CYW As A Professional
- CYW156 Observation, Recording, and Reporting Skills
- CYW357 Young Offenders and Social Deviance
- CYW268 Clinical, Developmental Psychopathology
- CYW312 Family Based Intervention and the CYW
- CYW250 Child Care Techniques II
- CYW375 Intro to CYW Field Placement

### Semester 2

- CYW152 Introduction To Treatment
- CYW351 Activities With Children II
- CYW352 Ethics and Practice In Crisis Intervention
- CYW350 Child Care Techniques III
- CYW254 Individual Growth and the Group Process
- CYW358 Learning Theory and Behaviour Change

### Semester 3

- CYW305 CYW Field Placement
- CYW313 Personal Safety & Pharmacology

### EMPLOYMENT OPPORTUNITIES

Civil Engineering Technologists can choose to work on either side of the job site. Opportunities exist with architects, consulting engineers, material testing firms, general and sub-contractors, Municipal Public Works or the Ministry of Transportation. Typical entry positions include civil engineering technologist, draftsman/CAD operator, estimator, inspector and field supervisor. Those completing the program will also have the knowledge and ability to start their own construction business after a few years of practical experience.

**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September and January

**Contact:** George Vrantsidis  
519-972-2727 ext. 4427  
gvrantsidis@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U).

Mature students see page 134 for details.

### PROGRAM OVERVIEW

A Civil Engineering Technologist plays an integral role in the design of buildings and infrastructure projects including highways, bridges, water and sewer systems. As a member of the team, the technologist assists engineers in survey work, collection and compilation of data, preparing estimates and bids for project designs and is part of the inspection and quality control process.

This program will appeal to those with an aptitude for assembly, who are analytical and enjoy problem solving and are strong in math. An interest in construction and the environment are essential.

### PROGRAM HIGHLIGHTS

- Recognized by the Ontario Association of Certified Engineering Technicians and Technologists (OACETT), allowing easier transition to certification and increased employability in both Canada and the U.S.

### DEGREE COMPLETION

Graduates of this program may be eligible to further their education achieving a Bachelor of Engineering Technology from the University of Windsor, Lakehead University (Thunder Bay) or Lawrence Technological University (Southfield, MI).

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,560.75

Safety shoes, glasses, vest & hat \$150.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ENG212LS Communications I
- ARC101B Drafting & Design I
- ARC102B Construction Theory
- ARC103B Building Services I
- ARC125 Building CAD I
- MTH143 Mathematics I
- CVL105 Surveying

#### Semester 2

- ARC209 Drafting & Design 2
- ARC202B Estimating & Specification
- ARC204 Building CAD 2
- ARC207 Life & Employability Skills
- MTH243 Mathematics II
- CVL205B Statics & Strength of Materials
- ARC239 Ontario Building Code 1

#### Semester 3

- MTH203 Calculus I
- CVL303B Structural Steel Design
- CVL304B Drafting & Design
- CVL305A Estimating & Specification
- CVL306A Civil CAD
- CVL301G Coping with Disasters
- ELEC1030 General Education Elective

#### Semester 4

- CVL412 Construction Management
- CVL410A Reinforced Concrete and Masonry Design
- CVL404A Material Testing
- CVL405B Computer Applications
- CVL409 Soil Mechanics - Intro.
- MTH404 Calculus II
- ELEC1030 General Education Elective

#### Semester 5

- CVL514 Environmental Assessment
- CVL504B Applied Hydraulics
- CVL505A Introduction to GIS
- CVL506B Structural Wood Design
- CVL508A Transportation Engineering Technology
- CVL509 Soil Mechanics & Foundations

#### Semester 6

- ARC313 Ontario Building Code 2
- CVL602B Structural Analysis and Design
- CVL604B Advanced Surveying
- CVL605C Technical Report
- CVL607 Environmental Technology
- CVL608 Civil Estimating

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Elizabeth Strutt-MacLeod  
519-972-2727 ext. 4415  
estruttmacleod@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Careers may be based in youth facilities; federal and provincial correctional institutions; justice agencies; and community agencies, programs and services.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4U or EAE4C.

Mature students see page 134 for details.

**NOTE:** Some correctional agencies have minimum hearing and vision standards

### PROGRAM OVERVIEW

The Community and Justice Services program is designed to prepare students for careers in the field of criminal justice with attention to intervention and re-integration.

Graduates will be prepared for careers in youth facilities; federal and provincial correctional institutions; justice agencies; and community agencies, programs, and services. The nature of these environments and the diversity of clientele demand a highly trained work force able to intervene effectively using best practices, in order to ensure the protection of the public, and the safety of the community, staff, and clients. Graduates who wish to work in the field of criminal justice with attention to intervention and re-integration may be required to complete employer specific orientation and training, as well as other employment-related screening as part of their recruitment.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

In the event of a shortage of placements or internship sites, you may be required to perform your placement or internship duties on off hours, which may include evenings and weekends.

Some placements require proof of a satisfactory medical examination and immunization prior to going on placement.

### HEALTH & FITNESS REQUIREMENTS

Applicants must be able to physically perform the duties of a position in a correctional institution. To obtain a diploma in CJS, successful applicants will be required to meet the minimum standards of the FITCO. Any student seeking entry into this program should evaluate their physical readiness in anticipation of a rigorous fitness routine.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$3,460.75

Uniforms, shoes, etc. approx.      \$300.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- PFP101 Canadian Criminal Justice
- PFP110 Ethics and Professionalism
- SSC160 Basic Psychology
- FAW100 Foundations of Academic Writing
- PFP108 Lifestyle and Management I
- SSC121G Celebrating Cultural Diversity
- SSC148 Canadian Criminology
- PFP202 Interpersonal & Group Dynamics

#### Semester 2

- CJS200 Communications for Law & Justice
- CJS201 Youth Justice System
- CJS202 Community Correction Practices
- CJS203 Institutional Correction Practices
- CJS204 Correctional Interviews & Counselling
- CJS205 Aboriginal, Female and Minority Issues in Canadian Justice
- CJS206 Placement Preparation and Case Management
- SSC159 Abnormal Psychology

#### Semester 3

- CJS3102 Field Placement
- ELEC1030 Online General Education Elective

#### Semester 4

- ELEC1030 General Education Elective
- CJS401 Restorative Justice/Practices
- PFP208 Lifestyle and Management II
- CJS403 Safe & Secure Environment
- CJS404 Program for Integration and Re-integration
- CJS405 Conflict Management & Crisis Intervention
- CJS406 Youth issues
- CJS407 Inclusive Community Practices

# NEW! Community Integration through Cooperative Education

**Windsor Campus (C365)**

This program provides opportunities to acquire life skills and vocational skills and may provide skills for an independent lifestyle and employment opportunities.

**Credential:** Ontario College Certificate

**Program Length:** Two Years

**Starts:** September

**Contact:** Holly Diloreto  
519-972-2727, ext. 4537  
hdiloreto@stclaircollege.ca

## ADMISSION REQUIREMENTS

Ontario Secondary School Diploma

**OR** Ontario Secondary School Certificate or equivalent

**OR** Mature Student Status (See page 134)

### PLUS:

- Developmental Disability
- A level of independence that precludes constant support
- Ability to manage transportation to the College and to the field placement
- Participation in an interview

## PROGRAM OVERVIEW

The Community Integration through Cooperative Education (CICE) program is a two-year Ontario College Certificate designed to provide individuals with developmental disabilities and other significant learning challenges with the opportunity to experience college life, pursue a postsecondary education and develop skills which will help them prepare for employment. Students will engage with their peers in courses specific to the CICE program. Having chosen an individual vocational direction, each student will attend academic courses with their college peers. The support of a Learning Facilitator will be provided. The Learning Facilitator may attend classes, provide follow-up study skills, test preparation, and support course modifications when necessary.

CICE core curricula will include subjects covering communications, job and life skills, and human relations.

Academic courses will be elective in nature and may be chosen from a variety of programs. Additional vocational areas may be added as the program progresses and grows. Work placement will help CICE students to develop and/or enhance vocational skills and involvement within their community. It is a goal that graduates will be able to function more independently and ideally, transition to volunteer or paid employment on a part-time or full-time basis.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition for 2013 are as follows:

Total 1st Year Tuition \$3,148.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## CERTIFICATE REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- CIC100 Transition to College and Work
- CIC101 Communications I
- CIC102 Introduction to Computer Use
- CIC103 Recreational Activities I
- CIC104 Academic Concentration Choice #1
- CIC105 Academic Concentration Choice #2

### Semester 2

- CIC151 Communications II
- CIC152 Strategies for Getting/Keeping a Job
- CIC153 Recreational Activities II
- CIC154 Academic Concentration Choice #3
- CIC155 Academic Concentration Choice #4
- CIC150 Field Placement 1

### Semester 3

- CIC201 Workplace Numeracy
- CIC203 Recreational Activities III
- CIC202 Personal Growth
- CIC204 Academic Concentration Choice #5
- CIC205 Academic Concentration Choice #6
- CIC200 Field Placement 2

### Semester 4

- CIC251 Transition to Community and Work
- CIC252 Relationships and Personal Issues
- CIC253 Academic Concentration Choice #7
- CIC254 Academic Concentration Choice #8
- CIC250 Field Placement 3



## Windsor Campus (T860)

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September and January

**Contact:** Ruth Susannah  
519-972-2727 ext. 4729  
rsusannah@stclaircollege.ca

# Computer Systems Technician - Networking

## EMPLOYMENT OPPORTUNITIES

Grads will have good advancement potential. Entry level positions include technical support analyst, IT consultant, and network technologist/administrator in a wide range of sectors including government, corporations and the public sector. Many graduates become self-employed or independent operators offering computer training, technical support and network administration.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)

Mature students see page 134 for details.

## PROGRAM OVERVIEW

Computer Systems Technicians have the skills to plan, administer, configure and maintain individual and networked computer systems. They are also trained to provide technical support for computer users in a business environment.

This program will appeal to students who are problem solvers with good analytical skills. They must be highly organized with a strong interest in computers.

## PROGRAM HIGHLIGHTS

- St. Clair is an official Cisco Networking Academy and prepares students to take the Cisco Certified Network Associate (CCNA) and CompTIA A+ and Security+ certifications (Comp TIA A+ allows for personal computer repair, maintenance and installation).
- Cisco networking lab.
- Active student run Information Technology Club.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees     \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MIT123 Intro. to Spreadsheets using MS-Excel
- MIT146 Networking I
- MIT153 Intro. to Computer Programming
- WEB110 HTML/CSS
- MTH100A Math for Information Technology
- ELEC1030 General Education Elective

### Semester 2

- MIT246 Networking II
- MIT211 System Configuration I
- WEB230 JavaScript
- MIT227 Intro. to Database Concepts
- COM210 Technical Communications

### Semester 3

- MIT311 System Configuration II
- MIT346 Networking III
- MIT403 Network Administration
- MIT313G Law & Ethics in the Info. Age
- MIT502 Help Desk

### Semester 4

- MIT416 Linux I
- MIT420 Network Security I
- MIT446 Networking IV
- ELEC1030 General Education Elective
- MIT439 PHP (Web Server Development)

# Computer Systems Technology - Networking

**Windsor Campus (T861)**

## EMPLOYMENT OPPORTUNITIES

Grads will have good advancement potential. Entry level positions include technical support analyst, IT consultant, and network technologist/administrator in a wide range of sectors including government, corporations and the public sector. Many graduates become self-employed or independent operators offering computer training, technical support and network administration.

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September and January

**Contact:** Ruth Susannah  
519-972-2727 ext. 4729  
rsusannah@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)

Mature students see page 134 for details.

## PROGRAM OVERVIEW

The 3 year Computer Systems Technology - Networking program focuses on advanced computer network administration including network security. Computer systems technologists also have project management, systems analysis and design skills.

This program will appeal to students with a keen interest in highly complex network systems. They must have good communication and analytical skills, enjoy problem solving, be logical and very well organized.

## PROGRAM HIGHLIGHTS

- St. Clair is an official Cisco Networking Academy and prepares students to take the Cisco Certified Network Associate (CCNA) and CompTIA A+ and Security+ certifications (Comp TIA A+ allows for personal computer repair, maintenance and installation).
- Cisco networking lab.
- Active student run Information Technology Club.
- Students work on a "real world" project team designing and presenting a network proposal for a company in the community.
- Skills Ontario Competition - 2013 Gold, Highest overall score winner; 2012 Bronze
- Cisco Netriders Ontario 2012 - 1st Place

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees     \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at:  
www.stclair.bkstr.com.



**Franco Iacobacci**  
*Gold Medal Winner - IT NETWORK SUPPORT*  
2013 Skills Canada - Ontario Technological Skills Competition

## DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MIT123 Intro. to Spreadsheets using MS-Excel
- MIT146 Networking I
- MIT153 Introduction to Computer Programming
- WEB110 HTML/CSS
- MTH100A Math for Information Technology
- ELEC103 Choose an Elective

### Semester 2

- MIT246 Networking II
- MIT211 System Configuration I
- WEB230 JavaScript
- MIT227 Intro. to Database Concepts
- COM210 Technical Communications

### Semester 3

- MIT311 System Configuration II
- MIT346 Networking III
- MIT403 Network Administration
- MIT313G Law & Ethics in the Info. Age
- MIT502 Help Desk

### Semester 4

- MIT416 Linux I
- MIT420 Network Security I
- MIT446 Networking IV
- ELEC1030 General Education Elective
- MIT439 PHP (Web Server Development)

### Semester 5

- MIT520 Network Security II
- MIT600 Project Management
- MIT642 Network Analysis & Design
- ELEC1030 General Education Elective
- MIT517 Wireless Technology

### Semester 6

- MIT515 Network Administration II
- MIT602 Network Configuration Technical Project
- MIT641 Protocol Analysis
- ELEC1030 General Education Elective
- WEB190 Visual Communications I

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September and January

**Contact:** George Vrantsidis  
519-972-2727 ext. 4427  
gvrantsidis@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Construction engineering technicians can fulfill a number of roles on the construction site. Positions include site supervisor, junior estimator, or surveyor with general contractors, architectural and engineering firms. Opportunities also exist with building product manufacturing firms, sub-contractors and government agencies.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U).

Mature students see page 134 for details.

## PROGRAM OVERVIEW

Graduates of this program will play an important role at the building site and at infrastructure projects. Duties include estimating quantities, inspecting materials and operations, performing construction surveys, interpreting and applying specifications and executing sketches from contract drawings, shop and CAD drawings.

This program targets students with an interest in construction. They must have technical problem solving skills and the ability to work well with others.

## PROGRAM HIGHLIGHTS

- Recognized by the Ontario Association of Certified Technicians and Technologists (OACETT) allowing easier transition to certification.
- The above designation increases employability in both Canada and the U.S.
- Direct entry into third year of Civil Engineering Technology Program.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$3,560.75

Safety shoes, glasses, vest & hat                      \$150.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ENG212LS Communications I
- ARC101B Drafting & Design
- ARC102B Construction Theory I
- ARC103B Building Services I
- ARC125 Building CAD I
- MTH143 Mathematics I
- CVL105 Surveying

### Semester 2

- ARC209 Drafting & Design 2
- ARC202B Estimating & Specification
- ARC204 Building CAD 2
- ARC207 Life & Employability Skills
- MTH243 Mathematics II
- CVL205B Static & Strength of Materials
- ARC239 Ontario Building Code 1

### Semester 3

- MTH203 Calculus I
- CVL303B Structural Steel Design
- CVL304B Drafting & Design
- CVL305A Estimating & Specification
- CVL306A Civil CAD
- CVL301G Coping with Disasters
- ELEC1030 General Education Elective

### Semester 4

- CVL412 Construction Management
- CVL410A Reinforced Concrete and Masonry Design
- CVL404A Material Testing
- CVL405B Computer Applications
- CVL409 Soil Mechanics - Intro.
- MTH404 Calculus II
- ELEC1030 General Education Elective

### EMPLOYMENT OPPORTUNITIES

There are very good job opportunities for graduates of the Culinary Management program in a wide variety of establishments including restaurants, clubs, dining and convention centres, resorts, and institutions such as hospitals, long term care facilities and cafeterias. The typical entry level position is prep cook with the potential for advancement.

**Credential:** Ontario College Diploma

**Program Length:** Less than 1 year

**Starts:** September

**Contact:** Marc Johnston  
519-972-2727 ext. 4492  
mjohnston@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

Students learn all basic cooking fundamentals, baking skills and gain a practical knowledge of food safety and sanitation. They will also possess practical experience in a wide range of advanced cooking skills and techniques as well as basic knowledge of viticulture, and the art of matching wine and food. Graduates will be able to gain entry into wide variety of cooking, catering and other food and beverage positions.

This program will appeal to students who have a love of cooking. They must be good at multi-tasking and have the ability to work quickly, while still paying attention to detail. These positions are physically demanding and require you to stand for long hours.

### PROGRAM HIGHLIGHTS

- Several Certified Chef de Cuisine on staff.
- All teachers are certified journey persons.
- Good student-teacher ratio in lab.
- On campus restaurant and kitchen facilities.
- Curriculum is modeled after the Ministry standards and guidelines for cook apprentice.

### APPRENTICESHIP OPPORTUNITIES

Apprenticeship may be available - please inquire with your local Ministry of Education and Training Apprenticeship Branch at 519-973-1441.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$6,868.98

Uniforms, professional knives and kitchen tools are required for the program. Please speak with the Coordinator for price guidelines and sources for the uniforms and tools.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- FSA129 Food Safety
- FSA139 Kitchen Management I
- FSA146 Understanding Nutrition
- FSA168 Understanding Hospitality
- FSA185 Culinary Skills & Techniques I
- FSA189 Culinary Practices I
- FSA187 Baking & Pastry Arts I
- ELEC1030 General Education Elective
- MIC1111 Computer Applications I

#### Semester 2

- FSA281 Kitchen Operations II
- FSA239 Kitchen Management II
- FSA285 Culinary Skills & Techniques II
- FSA287 Baking & Pastry Arts II
- ELEC1030 General Education Elective
- FSA220 Culinary Practices Level II
- FSA216 Culinary Communications

#### Semester 3

- FSA307 Hospitality Services
- FSA418 Trends in Industry
- FSA315 Wines, Spirits and Foods
- FSA319 Culinary Internship
- FSA389 Culinary Practices III
- HOS108G Cuisine and Culture

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September

**Contact:** Sherry Frey  
519-972-2727 ext. 4409  
sfrey@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Numerous opportunities exist for graduates as dental assistants, office administrators and treatment coordinators in general practice and specialty dental offices. Other opportunities include public health departments, hospitals, armed forces, college/university dental clinics, and sales.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Senior Level Chemistry (C) or (U)
- Senior Level Biology (C) or (U)
- Grade 12 English - ENG4U, ENG4C, EAE4U or EAE4C

Mature students see page 134 for details.

## PHYSICAL DEMANDS

Specific physical demands are part of this program. Please see the program page on the college web site for details to ensure you meet this criteria to be successful in the program.

## PROGRAM OVERVIEW

Accredited by the Commission on Dental Accreditation of Canada, this program will prepare students to assume a position as a dental assistant/ intra-oral health care provider, capable of working with health professionals in a variety of settings. The role of a Level II dental assistant involves precise and detailed work in a confined environment, including intra-oral skills such as selective coronal polishing, oral hygiene instruction, application of pit and fissure sealants, fluoride application, and teeth whitening processes.

The graduate of this program will perform a variety of roles including clinical, education, health promotion, business administration and laboratory duties consistent with national standards and be eligible for certification by the Ontario Dental Assistants Association (ODDA) and the Canadian Dental Assistants Association (CDA). Upon successful completion of the National Dental Assisting Examining Board Exam (NDAEB) the graduate is eligible to practice as a Level II Dental Assistant. This program will appeal to students who have excellent communication and organization skills. They must also be compassionate and possess good manual dexterity.

## PROGRAM HIGHLIGHTS

- Accredited by the Commission on Dental Accreditation of Canada.
- Level II includes 15 intra-oral duties.
- Field placements.
- On campus dental clinic provides a practical learning environment.

## ADDITIONAL INFORMATION

This program is recognized by the Canadian Forces! Students who have been accepted into the Dental Assisting program and are considering a career in the CF may apply to the CF through a Canadian Forces paid education program. If accepted, students receive subsidized college tuition, books and academic equipment, in addition to a salary with benefits and a guaranteed job upon graduation.

## CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester
  - Clinical placements may be on day, afternoon or weekend shifts **ANYWHERE** within Ontario.
  - You are responsible for travel and accommodation costs.

## HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$7,483.85

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## CERTIFICATE REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- DTL117 Preventive Dentistry & Health
- DTL123 Orofacial Anatomy
- DTL116 General & Oral Microbiology
- DTL121 Dental Materials
- DTL122 Nutrition I
- DTL127 Professional Ethics
- DTL130 Dental Radiography I
- DTL175 Clinical I

### Semester 2

- DTL200 Anatomy & Physiology
- DTL203 Dental Health Education
- DTL205 Dental Practice Management
- DTL217 Pharmacology
- DTL218 Special Procedure & Emergency Care
- DTL220 Dental Materials II
- DTL222 Nutrition II
- DTL230 Dental Radiography II
- DTL275 Clinical II
- SSC177G Society and Me (Online)

### Semester 3

- DTL350 Dental Office Consolidation
- DTL352 Clinical Theory III
- DTL375 Clinical Practice III

### EMPLOYMENT OPPORTUNITIES

Although dental hygienists are most often employed by a dentist in private practice, a growing number of dental hygienists are self-employed or choose careers in public health education, hospitals, research, or dental product development and promotion.

**Credential:** Ontario College Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Stephanie Nagle  
519-972-2727 ext. 4400  
snagle@stclaircollege.ca

#### IMPORTANT NOTE:

This is an **OVERSUBSCRIBED** program. Apply by February 1st. For more information see page 134.

#### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U
- Senior Level Chemistry (C) or (U)
- Senior Level Biology (C) or (U)

#### PRE-ADMISSION TESTING

The Health Occupations Aptitude Exam (HOAE) is required for entrance into this program. There is a fee associated with the test. Please check this program page on the college web site for fee amounts and details.

#### SELECTION PROCEDURE

A score is determined for each applicant derived from the pre-admission test score and from required subjects for admission. Scores are then ranked by highest score and selections made for the available positions (44) and places on the waiting list.

#### PHYSICAL DEMANDS

Specific physical demands are part of this program. Please see the program page on the college web site for details to ensure you meet this criteria to be successful in the program.

#### PROGRAM OVERVIEW

The practice of dental hygiene is "the assessment of teeth and adjacent tissues and treatment by preventive and therapeutic means, and the provision of restorative and orthodontic procedures and services" (DHA, 1991). As accredited by the Commission on Dental Accreditation of Canada students will be prepared to provide oral health care in a variety of environments. Graduates will work within the scope of dental hygiene practice and in accordance with the regulations of the College of Dental Hygienists of Ontario.

This program targets students who have good interpersonal and communication skills. Manual dexterity is important. They should also

have good vision (with or without corrective lenses) and be willing to travel to community sites.

#### PROGRAM HIGHLIGHTS

- On campus Dental Clinic offering practical experience with community groups.
- Off site placement at community sites.

#### CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester in year 3
  - Clinical placements may be on day, evening or weekend shifts
  - You are responsible for travel and parking fees.

#### HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

#### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$14,140.48

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135. For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- DTL110 Anatomy and Physiology
- DTL109 Orofacial Anatomy
- DTL166 General and Oral Microbiology
- DTL130 Dental Radiography I
- DTL160 Preclinical Dental Hygiene Theory I
- DTL120 Preclinical Practice I
- DTL362 Professional Issues in D.H.
- ENG107 College Writing

#### Semester 2

- DTL235 Dental Radiography II
- DTL227 Dental Materials
- DTL253 Preventive Dentistry
- DTL257 Oral Histology and Embryology
- DTL260 Clinical Theory I
- DTL207 Clinical Practice I
- DTL209 Intro to Health Promotion
- DTL213 Intro to Collaborative Care
- DTL215 Intro to Professional Communications and Info Mgmt

#### Semester 3

- DTL353 Human Pathophysiology
- DTL359 Oral Pathology and Radiographic Interpretation
- DTL370 Clinical Practice II
- DTL363 Periodontics for Dental Hygiene I
- DTL372 Health Care in Canada
- DTL430 Advanced Dental Materials
- DTL368 Nutrition for the Dental Hygienist

#### Semester 4

- DTL470 Clinical Practice III
- DTL459 Health Promotion and Community Dental Health
- DTL425 Dental Hygiene Care in Diverse Populations
- DTL467 Promoting Health in Multicultural Populations
- DTL468 Pharmacology for the Dental Hygienist
- DTL469 Periodontics for Dental Hygiene II
- PNR160G Ethics and Professionalism
- DTL371 Biostatistics and Intro to Research

#### Semester 5

- DTL512 Business Principles for Health Care Professionals
- DTL507 Evidenced Informed Practice
- DTL508 Clinical Practice IV
- DTL509 Orthodontics for the Dental Hygienist
- DTL511 Pain Management for the Dental Hygienist
- ELEC1030 General Education Elective

#### Semester 6

- DTL616 Interprofessional Practice
- DTL617 Practice Management for the Dental Hygienist
- DTL619 Professional Practice and Jurisprudence
- DTL626 Clinical Practice V
- DTL506 Advocacy and Health Policy
- DTL628 Community Placement II
- ELEC1030 General Education Elective

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Connie Marion  
519-354-9714 ext. 3253  
cmarion@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Typical entry level positions are residential support worker with Community Living and other organizations, educational assistant in schools, family support worker and activation assistant. Graduates enjoy excellent employment prospects. Often part time work begins while still in the program.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

The Developmental Services Worker supports people with a range of challenges including developmental, intellectual and age related disabilities. Inclusion and empowerment are goals met by helping people be part of the community and making good choices. The DSW also teaches people various life and community skills and supports people to be healthy.

This program will appeal to students who like working with people and appreciate and understand differences. They must be both patient and flexible, while showing a caring attitude and be able to work both independently and as a team member.

### PROGRAM HIGHLIGHTS

- Work placement in community living, schools and activity programs for seniors.
- Well experienced teachers from the field.
- DSW diploma will give access to the Child and Youth Worker Accelerated and Autism and Behavioural Sciences programs.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance you jeopardize the opportunity to complete either of your field placements.

Prior to entering the program, you must have your CPR and Standard First Aid Certification.

Due to the 24 hour nature of this field, students may be required to perform placement duties on off hours; this may include evenings.

### HEALTH REQUIREMENTS

Accepted applicants must supply proof of a satisfactory medical examination and immunization prior to going on placement in Semester 3.

Please be advised that lack of documented immunizations may result in the restriction of clinical placement and therefore may delay and/or prevent completion of the prescribed program.

### DEGREE COMPLETION

Graduates can be granted credit toward Bachelor of Arts or Bachelor of Social Work at the University of Windsor, and admission to the Bachelor of Applied Arts Degree in Disability Studies at Ryerson University.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$3,410.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ENG107 College Writing
- HMN1112 Human Relations I
- HMN1102 Health I
- HMN1110 Professionalism I
- HMN1105 Issues In Personal Support
- HMM2106 Developmental Disabilities
- ECE203G Relationships & Family Dynamics

### Semester 2

- HMN2202 Health II
- HMN2104 Human Development
- HMN2105 Approaches to Personal Support
- HMN2100 Human Relations II
- HMN2108 Dual Diagnosis
- HMN1113 Life Skills
- ELEC1030 General Education Elective

### Semester 3

- HMN3107 Human Relations III
- HMN3008 Field Placement
- HMN3110G Late Adulthood
- PRM2100 Theory & Practice of Pharmacology

### Semester 4

- HMN4100 Human Relations IV
- HMN4103 Professionalism II
- HMN4105 Personal Support for People with Complex Needs
- HMN4008 Field Placement II

*\* Prior to going on your field placement, you must have your CPR and First Aid Certification*

# Developmental Services Worker - Accelerated

**Chatham Campus (K824)**

## EMPLOYMENT OPPORTUNITIES

Graduates have excellent credentials for employment opportunities in community associations, agencies and school boards, and as in-home support workers. They can also work as public educators on the issue of developmental disabilities.

**Credential:** Ontario College Diploma

**Program Length:** Delivered in less than 1 year

**Starts:** September

**Contact:** Connie Marion  
519-354-9714 ext. 3253  
cmarion@stclaircollege.ca

## ADMISSION REQUIREMENTS

A University Degree in Humanities or Social Science with at least one course in Introductory Psychology and Developmental Psychology or a Diploma in Early Childhood Education, Child and Youth Worker or Educational Support. Mature students see page 134 for details.

## PROGRAM OVERVIEW

This program provides individuals who have completed a Bachelor of Arts in Social Science, a Community College diploma in Early Childhood Education or other social sciences, with an opportunity to complete the two year diploma program in an intensive eleven month time frame. This additional background allows for a combination of skills important in the workplace. The DSW program will appeal to students who like working with people and appreciate and understand differences. They must have both patience and flexibility while showing a caring attitude.

## PROGRAM HIGHLIGHTS

- Exceptional field placements with an effort made to match students to their own community when possible in the London, Windsor, Sarnia, Chatham areas.

## FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance you jeopardize the opportunity to complete either of your field placements.

Prior to entering the program, you must have your CPR and Standard First Aid Certification.

Due to the 24 hour nature of this field, students may be required to perform placement duties on off hours; this may include evenings.

## HEALTH REQUIREMENTS

- Accepted applicants must submit proof of a satisfactory medical examination and immunization prior to entry into the program.

Please be advised that lack of documented immunizations may result in the restriction of clinical placement and therefore may delay and/or prevent completion of the prescribed program.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,821.23

Students are responsible for all costs associated with travel to the field placement which may include locations in London, Windsor, West Lorne, Dover Centre, and Sarnia.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- HMN1112 Human Relations I
- HMN1102 Health I
- HMN1105 Issues in Personal Support
- PRM2100 Theory and Practice of Pharmacology
- HMM2106 Developmental Disabilities
- HMN3107 Human Relations III
- HMN3110G Late Adulthood

### Semester 2

- HMN2202 Health II
- HMN2105 Approaches to Personal Support
- HMN2100 Human Relations II
- HMN2108 Dual Diagnosis
- HMN4105 Personal Support for People with Complex Needs
- HMN4100 Human Relations IV
- HMN4103 Professionalism II
- HMN1113 Life Skills

### Semester 3

- HMN4009 Field Placement



## Windsor Campus (H796)

**Credential:** Ontario College Advanced Diploma

**Program Length:** Delivered in 2.5 years

**Starts:** September

**Contact:** Christine Gardin  
519-972-2727 ext. 4413  
cgardin@stclaircollege.ca

# Diagnostic Medical Sonography

## EMPLOYMENT OPPORTUNITIES

Graduates will work as an Ultrasound Technologist in such settings as hospitals, clinical laboratories, and other health care facilities.

probes and imaging techniques. The profession requires critical thinking skills, judgment, and the ability to provide safe and competent health care.

The overall PROGRAM OVERVIEW and objectives are aligned with the current National Competency Profiles (NCP) for the Generalist, as approved by the Canadian Association of Registered Diagnostic Ultrasound Professionals (CARDUP) and the Canadian Society of Diagnostic Medical Sonographers (CSDMS) boards.

### CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester
  - Clinical placements may be on day, afternoon or weekend shifts **ANYWHERE** within Ontario.
  - You are responsible for travel and accommodation costs.

### HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

### COMPUTER PROFICIENCY REQUIREMENTS:

Students in this program must have basic computer literacy, which includes word processing, spreadsheets, Internet and e-mail.

### ACCREDITATION

The Diagnostic Medical Sonography program is registered for Canadian Medical Association Accreditation. After final accreditation, graduates will be eligible to write the CARDUP credentialing exam. The program's registered status and tentative date of the assessment are posted on the Official List of Programs at [www.cma.ca/accredit](http://www.cma.ca/accredit).

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$6,070.83

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135. For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### IMPORTANT NOTE:

This is an **OVERSUBSCRIBED** program. Apply by February 1st. For more information see page 134.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus successful completion of:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U
- Grade 12 Mathematics - MCT4C, MAP4C, MHF4U, or MCV4U
- Senior Level Physics (C) or (U)
- Senior Level Biology (C) or (U)
- Senior Level Chemistry (C) or (U)

Mature students see page 134 for details.

### PRE-ADMISSION TESTING

The Health Occupations Aptitude Exam (HOAE) is required for entrance into this program. There is a fee associated with the test. Please check this program page on the college web site for fee amounts and details.

### SELECTION PROCEDURE

A score is determined for each applicant derived from the Pre-Admission Testing score and from required subjects for admission. Scores are then ranked by highest score and selection is made for the available positions and places on the waiting list.

### PHYSICAL DEMANDS

Specific physical demands are part of this program. Please see the program page on the college web site for details to ensure you meet this criteria to be successful in the program.

### PROGRAM OVERVIEW

This program will prepare the graduate for entry-to-practice as a General Diagnostic Medical Sonographer (Ultrasound Technologist). Simulation labs and clinical placement settings will expose the student to practical learning. Course work includes clinical application courses, sonographic physics, sonographic identification of normal and abnormal anatomy, physiology, pathology, and patho-physiology of the abdomen, pelvis, and small parts of the adult, pediatric, and fetal patient, and comprehensive exam reviews. Utilizing advanced knowledge of cross-sectional anatomy, pathology, and physical applications, a sonographer performs examinations to provide diagnostic ultrasound images for interpretation by a medical radiologist. As a member of a health-care team, the sonographer will produce images of internal body structures utilizing a variety of hand-held acoustical scanning

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- SON100 Human Anatomy & Physiology
- SON102 Sonography Physics I
- SON106 Introduction to Sonography
- SON105 Medical Terminology
- SON109 Abdominal Sonography I

### Semester 2

- ELEC1030 General Education Elective (Online)
- SON201 Pelvic Sonography and Pathology
- SON209 Abdominal Sonography II
- SON208 Introduction to Patient Care
- SON405 Obstetric Sonography I

### Semester 3

- SON350 Clinical Sonography I

### Semester 4

- SON402 Sonography Physics II
- SON401 High Resolution Imaging
- AHS201 Applied Health Science Statistics
- SON502 Obstetric Sonography II
- SON508 Introduction to Vascular Sonography
- ELEC1030 General Education Elective

### Semester 5

- SON550 Clinical Sonography II

### Semester 6

- SON602 Comprehensive Review
- ELEC1030 General Education Elective (Online)

### Semester 7

- SON650 Clinical Sonography III

## EMPLOYMENT OPPORTUNITIES

Early Childhood Educators work with young children and their families. They are responsible to plan and deliver learning and care for young children in programs that are inclusive and play-based. Positions are available in community and municipal OEYC (Ontario Early Years Centres) based child care, corporate child care centres and in-home care. There are also positions available in Boards of Education as Registered Early Childhood Educators in full day Kindergarten classes as well as international opportunities for nannies or child care providers on cruise ships.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U.

Mature students see page 134 for details.

## PROGRAM OVERVIEW

Graduates of this program can be part of the child care team supporting young children in developing thinking, learning, communication, physical, social and emotional skills. Registered Early Childhood Educators design and provide curriculum that is based on the interests and the developmental level of each child.

This program will appeal to students with a strong love for children and a highly developed work ethic. They must be tolerant and understanding, with a great deal of patience and physical stamina. Practitioners in the field of Early Childhood Education work closely not only with children, but also with families and other professionals, so excellent communication and social interaction skills are also required.

## PROGRAM HIGHLIGHTS

- Opportunity for further learning experiences through co-ordination with the Learning Commons office assisting in tutoring, test writing and physical accommodations.
- Three field placements in licensed community based child care facilities or JK/SK classrooms.
- Graduates are able to apply for certification to the Association for Early Childhood Education Ontario.
- Graduates must register with the College of Early Childhood Educators to practice in the profession.

## FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the

student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

In the event of a shortage of placements or internship sites, you may be required to perform your placement or internship duties on off hours, which may include evenings and weekends.

**NOTE:** Standard First Aid and CPR Level C Certification must be obtained PRIOR to Field Placements.

## HEALTH REQUIREMENTS

Accepted applicants must submit proof of a satisfactory medical examination and up-to-date immunization records prior to program entry.

Please be advised that lack of documented immunizations may result in the restriction of clinical/field placement and therefore may delay and/or prevent completion of the prescribed program.

## TRANSFER AGREEMENT

ECE graduates are eligible to participate in a Transfer Agreement between the Child and Youth Worker or the Developmental Service Worker programs and take an "accelerated" one year program to earn their CYW or DSW diploma. Contact the Program Coordinator for details.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,460.75 (Windsor)
	\$3,410.75 (Chatham)

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ECE133 Observation of Young Children
- ECE114 Creating Curriculum with Young Children I
- ECE117 Introduction to Early Childhood
- ECE120 Positive Child Guidance
- ECE122 Preschool Development and Best Practices
- SSC160 Basic Psychology

### Semester 2

- ECE211 Curriculum Methods: Literacy and Movement
- ECE229 Field Placement I
- ECE205G Anti-Oppression in Canadian Society
- ECE420 Professionalism & Working with Families
- ECE314 Infant/Toddler Development and Best Practices
- ECE213 Preparation for Field Placement I
- FAW100 Foundations of Academic Writing I

### Semester 3

- ECE303 Health, Nutrition and Safety
- ECE308 Development of Children with Diverse Abilities
- ECE313 Preparation for Field Placement II
- ECE329 Field Placement II
- ECE419 School-Age Development and Best Practices
- ELEC1030 General Education Elective

### Semester 4

- ECE403 Emergent Curriculum
- ECE421 Inclusion of Children with Diverse Abilities
- ECE414 Issues and Administration
- ECE429 Field Placement III
- ECE413 Preparation for Field Placement III
- ECE203G Relationships & Family Dynamics

## Windsor Campus (B820)

**Credential:** Ontario College Diploma

**Program Length:** Delivered in less than 1 year

**Starts:** September

**Contact:** Angela Passador  
519-972-2727 ext. 4541  
apassador@stclaircollege.ca

# Early Childhood Education - Accelerated

## EMPLOYMENT OPPORTUNITIES

Boards of Education, as Registered ECE specialists in full day Kindergarten classes, nursery schools, childcare centres, after school programs and family resource centres.

### ADMISSION REQUIREMENTS

University degree with a minor in Psychology or Sociology or a Developmental Service Worker, Child and Youth Worker, Educational Support or Liberal Arts Diploma.

Mature students see page 134 for details.

### PROGRAM OVERVIEW

This highly specialized program has been specifically designed for individuals with education in a related field. With two credentials, graduates will be able to work as a Registered ECE in a full day kindergarten environment, or as a Registered ECE in child care settings. Those individuals interested in pursuing a career teaching in an elementary school setting will find this diploma complements a Bachelor's of Education degree and prepares the graduate for working with children in full day Kindergarten Elementary classrooms. If you were educated in a language other than English, Proof of English proficiency (TOEFL Test) is required.

### PROGRAM HIGHLIGHTS

- Opportunity for further learning experiences through co-ordination with the Learning Commons office assisting in tutoring, test writing and physical accommodations.
- Three field placements in licensed community based child care facilities or full day Kindergarten classrooms.
- Graduates are able to apply for certification to the Association for Early Childhood Education Ontario.
- Graduates must register with the College of Early Childhood Educators to practice in the profession.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

In the event of a shortage of placements or internship sites, you may be required to perform your placement or internship duties on off hours, which may include evenings and weekends.

**NOTE:** Standard First Aid and CPR Level C Certification must be obtained **PRIOR** to Field Placements.

### HEALTH REQUIREMENTS

Accepted applicants must submit proof of a satisfactory medical examination and up-to-date immunization records prior to program entry.

Please be advised that lack of documented immunizations may result in the restriction of clinical/field placement and therefore may delay and/or prevent completion of the prescribed program.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$3,341.10

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at:  
[www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ECE119F Health, Nutrition & Safety
- ECE117F Introduction To E.C.E.
- ECE131F Developmentally Appropriate Child Guidance
- ECE210F Curriculum Methods
- ECE314F Infant and Toddler Development and Best Practices
- ECE122F Preschool Development and Best Practices
- ECE121F Field Preparation for Field Placement 1 and 2
- ECE128F Field Placement 1
- ECE109F Inclusion in the ECE Classroom

### Semester 2

- ECE419F School Age Development and Best Practices
- ECE228F Field Placement 2
- ECE312F The Development of Children with Diverse Abilities
- ECE215F Working with Families
- ECE403F Emergent Curriculum
- ECE414F Issues and Administration of ECE Programs
- ECE321F Field Preparation for Field Placement 3
- ECE328F Field Placement 3

# Early Childhood Education - Concurrent

**Windsor Campus (B846)**

## EMPLOYMENT OPPORTUNITIES

Opportunities greatly increase since graduates can become certified primary school, junior school or Registered Early Childhood Educators in Ontario.

**Credential:** BA/B.Ed/Ontario  
College Diploma in E.C.E.

**Program Length:** Five years

**Starts:** September

**Contact:** Angela Passador  
519-972-2727 ext. 4541  
apassador@stclaircollege.ca

## ADMISSION REQUIREMENTS

All applicants must apply to the University of Windsor through OUAC and meet their admission requirements. For admission requirements refer to the University of Windsor Admissions Handbook. Requirements are dependent on the degree program you select.

## PROGRAM OVERVIEW

This innovative five year program combines a Bachelor of Arts (or Sciences), Bachelor of Education and an Early Childhood Education diploma with learning taking place at both the University of Windsor and St. Clair College. Students must complete all three programs to graduate. Graduates become certified to teach at a primary school, junior school (up to Grade 6) or preschool in Ontario. This program will appeal to students who want a career working with children and helping them to learn and grow.

## PROGRAM HIGHLIGHTS

- Multiple degrees and diploma provide a deep understanding of early childhood education. Students also become very knowledgeable on early childhood development.

## FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

In the event of a shortage of placements or internship sites, you may be required to perform your placement or internship duties on off hours, which may include evenings and weekends.

**NOTE:** Standard First Aid and CPR Level C Certification must be obtained PRIOR to Field Placements.

## HEALTH REQUIREMENTS

Accepted applicants must submit proof of a satisfactory medical examination and up-to-date immunization records prior to program entry.

Please be advised that lack of documented immunizations may result in the restriction of clinical/field placement and therefore may delay and/or prevent completion of the prescribed program.

## YOUR INVESTMENT

Students will pay full tuition fees to the University of Windsor. Separate tuition fees will be paid to St. Clair College for the College delivered semesters and field placements.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ECE129C Pre-School Development & Best Practices
- ECE210C Curriculum Methods
- ECE132C Positive Child Guidance
- ECE100C Health, Nutrition & Safety
- ECE141C Working with Families
- ECE136C Developmentally Appropriate Practices in ECE
- ECE116CA Field Preparation I

### Semester 2\*

- ECE116CB Field Placement I

### Semester 3

- ECE 212C School-Age Development & Best Practices
- ECE 204C Infant/Toddler Development & Best Practices
- ECE411C Issues In ECE
- ECE218C Assessment, Planning and Evaluation
- ECE 214C Emergent Curriculum
- ECE 216CB Field Placement II
- ECE 216CA Field Preparation II
- ECE 316CA Field Preparation III

### Semester 4\*

- ECE316CB Field Placement III

\*Tuition fee separate for Semester 2 and Semester 4

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Kathy Hansen  
519-972-2727 ext. 4234  
khansen@stclaircollege.ca

### EMPLOYMENT OPPORTUNITIES

Graduates will find placement opportunities in elementary or secondary school settings, group homes and family support agencies.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U.

Mature students see page 134 for details.

### PROGRAM OVERVIEW

The Educational Support program is the perfect course of study for people interested in supporting children and adolescents with special needs in academic settings. Our program will prepare you to work in concert with education professionals in the classroom to maximize learning opportunities for exceptional students and their families. You will receive the knowledge and skills required to work in a multidisciplinary environment, by working alongside teachers, EA's, speech and language therapists, and physiotherapists.

### PROGRAM HIGHLIGHTS

- There are opportunities for placements in a variety of educational settings where you will further develop your skills. Community mentors as well as faculty supervisors will advise and support you.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

In the event of a shortage of placements or internship sites, you may be required to perform your placement or internship duties on off hours, which may include evenings and weekends.

### HEALTH REQUIREMENTS

Accepted applicants must submit proof of a satisfactory medical examination and up-to-date immunization records prior to program entry.

Please be advised that lack of documented immunizations may result in the restriction of clinical/field placement and therefore may delay and/or prevent completion of the prescribed program.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- EDA100 Child Development and the Exceptional Learner 1
- EDA102 Cognition, Learning and Behaviour 1
- EDA112 Personal and Professional Strategies for Educational Assistants
- EDA103 Foundations of Special Education
- ENG 107 College Writing
- EDA108 Intro to Field Placement

#### Semester 2

- EDA212 Technology to Facilitate Learning
- EDA200 Child Development and the Exceptional Learner II
- EDA206 High Incidence Exceptionalities
- EDA210 Personal Care and Basic Pharmacology
- ELEC1030 General Education Elective
- EDA202 Cognition, Learning and Behaviour 2
- EDA203 Curriculum for the EA

#### Semester 3

- EDA300 Educational Programming Techniques I
- EDA305 Low Incidence Exceptionalities
- EDA302 Applied Behaviour Strategies
- ELEC1030 General Education Elective
- EDA312 Field Placement I

#### Semester 4

- EDA402 Educational Programming Techniques II
- EDA405 Career and Employment Strategies
- ELEC1030 General Education Elective
- EDA420 Field Placement II

# Electrical Engineering Technician

**Chatham Campus (K788)**

## EMPLOYMENT OPPORTUNITIES

Graduates will find they are highly employable and will have opportunities with electrical utilities, communications companies, manufacturers of electrical and electronic equipment, consulting firms, and in governments and a wide range of manufacturing, processing and transportation industries.

Graduates may find employment utilizing testing and troubleshooting skills in areas such as motor winding and repair, quality control, and as electrical construction/maintenance apprentices. As well, opportunities are available as utility power station technicians or service technicians troubleshooting electrical systems and performing engineering tests on heavy electrical equipment and controls.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Ryan Pepper  
519-354-9714, ext. 3210  
rpepper@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English (C), (U), or (M)
- Grade 12 Math (C), (U), or (M) (MCT4C is highly recommended)

Mature students see page 134 for details.

## PROGRAM OVERVIEW

The Electrical Engineering Technician program prepares graduates to apply electrical theory and related knowledge to design, test, troubleshoot and modify electrical machinery and electrical control equipment and circuitry in industrial or commercial plants and laboratories.

They are able to solve problems related to generating, distributing, transmitting and using electrical energy.

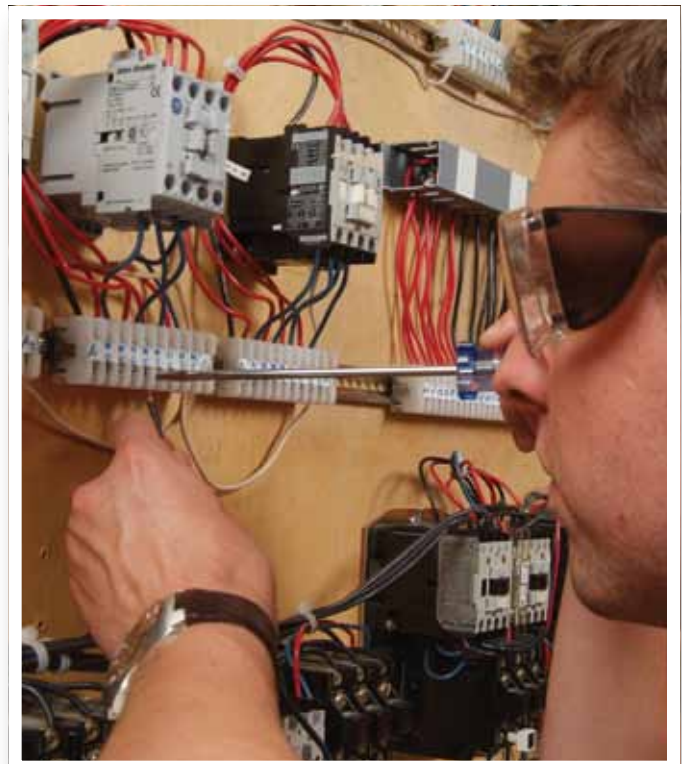
## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees     \$4,044.76  
Safety Shoes, Hard Hat and Glasses approx.     \$200.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLoma REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MTH128 Technical Mathematics I
- BDT100G Environmental Awareness
- PHY168 Physics
- ERT100 Introductory Programming Logic
- ELT101 Electrical Fundamentals I(DC/AC Circuits)

### Semester 2

- ELEC1030 General Education Elective
- EET144 Introduction to Computer Aided Design
- ELT201 Electricity Fundamentals (AC circuits)
- ELT202 Codes, Wiring & Industrial Safety
- ERT201 Digital Fundamentals
- ELT203 Introductory Pneumatics

### Semester 3

- ELT301 Industrial Electronics I
- ELT303 Control I
- EET300 Introductory Programmable Controllers
- ELT306 Electrical Rotating Machines
- ELEC1030 General Education Elective

### Semester 4

- ELT401 Industrial Electronics II
- ELT402 Transformer Theory
- ELT403 Instrumentation & Process Control
- ELT405 Power Transmission & Distribution
- COM210 Introduction to Technical Communication
- ELT305 Telecommunication Systems

## Windsor Campus (T947) Chatham Campus (K731)

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September

**Contact:** Chatham - Ryan Pepper  
519-354-9714, ext. 3210  
rpepper@stclaircollege.ca

Windsor - Kim Jones  
519-972-2727 ext. 5043  
kjones@stclaircollege.ca

# Electrical Techniques

## EMPLOYMENT OPPORTUNITIES

Graduates are excellent candidates for job opportunities as Electrical Apprentices or entry level positions in Electrical wholesale and/or distribution.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 11 Math must be (C) or (U)

Mature students see page 134 for details.

### PROGRAM GOAL

Electrical Techniques is designed to provide the learner with an understanding of the basic theoretical and practical aspects of the electrical trade and to familiarize them with the associated tools and materials. This is a great starting place for students who might want to pursue an Electrician apprenticeship such as:

Electrician Construction and Maintenance Apprentice (309A)

Industrial Electrician Apprenticeship (442A)

### PROGRAM HIGHLIGHTS

- New modern facility at the Windsor Campus in the Centre for Construction Innovation and Production building.
- New Chatham Trades & Technology facility.
- Updated and modernized Electrical Lab and Equipment.
- Curriculum parallels Electrical Apprenticeship Level One standards.
- Well-balanced program focusing on both theory and hands-on training.
- Apprenticeship possibilities in the industrial or Construction Electrical field.

*Please check this program page on our web site for the timing of the Winter intake.*

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,483.75 (Windsor)
	\$3,433.75 (Chatham)

Safety shoes, glasses and tools approx. \$300.00-\$500.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### CERTIFICATE REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ELC 148 Prints & Electrical Codes I
- ELC 146 Electrical Installation Practices I
- ELC 140 Electrical Theory I
- ELC 190 Electrical Calculations I
- BDT100G Environmental Awareness (Chatham)
- PSE445G Industrial Environmental Awareness (Windsor)

#### Semester 2

- ELC 240 Electrical Theory II
- ELC 230 Prints & Electrical Codes II
- ELC 246 Electrical Installation Practices II
- ELC 215 Electronics & Instrumentations
- ELC 290 Electrical Calculations

# Electromechanical Engineering Technician - Robotics

Chatham Campus (K790)

## EMPLOYMENT OPPORTUNITIES

The labor market condition for Robotics Technicians in Canada is forecast to be good for some time to come. Graduates will find employment with robot suppliers or distributors, robotic manufacturers, automotive manufacturers, or other manufacturing environments.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Ryan Pepper  
519-354-9714 ext. 3210  
rpepper@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English (C), (U), or (M)
- Grade 12 Math (C), (U) or (M) (MCT4C is highly recommended)

It is highly recommended that applicants successfully complete Grade 12 Physics (C) or (U) to be successful in this program.

Mature students see page 134 for details.

## PROGRAM GOAL

Students in the Electromechanical Engineering Technician - Robotics program will gain a solid foundation in programmable logic controls, microcontrollers and electronics, computer-aided design, mechanical systems, computer and robot programming, and interfacing sensors and actuators. Graduates will be prepared to install, service, troubleshoot, maintain, and repair robots and automated production systems, as well as, related devices, tools, and mechanical, hydraulic and pneumatic equipment. Graduates will also be equipped to assist in the application and design of robots and their manufacture and testing.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,044.76

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MTH128 Technical Mathematics I
- BDT100G Environmental Awareness
- PHY168 Physics
- EET139 Electrical Circuits
- ERT100 Introductory Programming Logic

### Semester 2

- ELEC1030 General Education Elective
- EET144 Introduction to Computer Aided Design
- MET471A Fluid Power
- MET227 Applied Engineering I
- EET427 Electronic Sensors & Controls
- ERT201 Digital Fundamentals

### Semester 3

- MET327 Applied Engineering II
- MET507 Electric Motors & controls
- ERT301 Introduction to Industrial Robots
- ELEC1030 General Education Elective
- ERT300 Introductory Programmable Controllers

### Semester 4

- MET628 Advance Controls System & Visualization
- MET647 Industrial Safety Standards
- ERT401 Robotic Vision Systems
- ERT402 Motion Control and Industrial Robotics
- ERT403 Robotic Tooling & Application



**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** George Peters  
519-972-2727 Ext. 4447  
gpeters@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Diverse opportunities exist as process technologists, control designers, control specialists, process planners and product designers, with manufacturers and users of electrical and electronic equipment. The specific emphasis on industrial automation creates opportunities in design and installation of robotic/fixed automation systems and work cells in manufacturing facilities. The growth of flexible automation (robotics) will provide substantial employment opportunity in the manufacturing field.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)
- Senior Level Physics (C) or (U)

Mature students see page 134 for details.

## PROGRAM GOAL

Electronic engineering technologists assist in the design of the electrical/electronic systems. They “troubleshoot” to ensure efficient operations and perform systems programming functions.

This program will appeal to students with a strong background in the physical sciences and math. They should be highly motivated problem solvers with good communications and interpersonal skills.

## PROGRAM HIGHLIGHTS

- Blend of theoretical and hands-on learning experiences.
- Transfer agreements with Engineering and Engineering Technology programs at various universities.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$3,540.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MTH128 Technical Math I
- EET145 Digital Systems
- EET142 DC Circuit Analysis & Measurements
- EET144 Intro. to Computer Aided Design

### Semester 2

- EET237 Programming for EE Applications
- EET236 AC Circuit Analysis & Measurements
- MTH228 Technical Math II
- ELEC1030 General Education Elective

### Semester 3

- EET315 Intro. Microcomputer Control
- EET321 Electronics Fabrication Techniques
- MTH338 Technical Math III
- EET355 Power Electronics I
- EET361 Instrumentation Fundamentals and Automation Technology

### Semester 4

- EET437 Intro. Industrial Control Systems
- MTH421 Technical Math IV
- EET444 Electrical Fabrication Techniques
- EET455 Power Electronics II
- EET461 Instrumentation Fundamentals and Automation Technology II

### Semester 5

- EET529 Intro to Data Acquisition Software
- EET532 Industrial Communication Systems
- EET537 Inter. Industrial Control Systems
- EET503 Intro. Technical Project
- ELEC1030 General Education Elective

### Semester 6

- EET607 Digital Signal Processing
- EET619 Industrial Data Networks - Protocols & Configurations
- EET637 Adv. Industrial Control Systems
- EET617 Technical Project
- ELEC1030 General Education Elective

### EMPLOYMENT OPPORTUNITIES

This program prepares students for employment in the sustainable energy field, with a focus on energy systems for buildings, industry and transportation.

**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** TBA  
519-972-2727

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- 12 Math (Grade 11 or 12)
- Level Physics (U) or (U)

Mature students see page 134 for details.

### PROGRAM OVERVIEW

This new program is the first of its kind to be offered in Ontario. It will prepare graduates for careers in energy utilization with a focus on the efficient application, design, control and management of energy conversion systems for industry, buildings and transportation. Both traditional and alternative energy resource development and applications will be part of the curriculum. Graduates can pursue numerous careers paths in the field of energy conversion and design of energy systems for buildings, industrial processes and transportation. Sectors served will include multi-residential, commercial, institutional and industrial energy users.

Students will study energy systems; harnessing energy from renewable sources – sun, wind, water, geothermal heat, and biomass – in order to have a sustainable environment that will meet our present needs without compromising the ability of future generations to meet theirs. Topics on energy management, energy efficiency and conservation, and sustainable building and development strategies are also covered in the program.

### PROGRAM HIGHLIGHTS

- the principles of green construction and eco-based management for sustainability.
- analyze, design, troubleshoot working prototypes of sustainable energy systems and subsystems to meet job requirements, functional specifications and relevant standards.
- principles of networking, microprocessor systems, instrumentation, telecommunications and other related technologies to monitor and control energy systems in buildings and industrial applications.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- MET137 Mechanical Drafting
- MTH128 Technical Math
- PHY168 Physics
- CHM161A Introduction to Chemistry I
- MET139 PC CAD
- ELEC1030 General Education Elective

#### Semester 2

- ESD230 PC CAD II – Systems Graphics I
- MET227 Applied Engineering I
- ESD301 Energy Resources
- MET243 Analysis of Electrical Circuits
- MTH203 Differential Calculus
- MTH158 Geometry

*\*If you are thinking of pursuing a degree in Engineering, please check with the Program Chair about additional courses that you could take.*

#### Semester 3

- MET327 Applied Engineering II
- ESD382 Manufacturing Processes and Energy
- MTH404 Integral Calculus
- MET521 Thermodynamics
- ESD330 PC CAD III – Systems Graphics II
- ESD504 HVAC Technology
- ELEC1030 General Education Elective
- MTH505\* Linear Algebra

#### Semester 4

- MET439 Strength of Materials
- MET438 Fluid Mechanics
- ESD440 Electronic Instrumentation
- ESD402 Principles of Energy Management
- ESD430 PC CAD IV – Systems Graphics III
- ELEC1030 General Education Elective
- MTH700\* Advanced Calculus

#### Semester 5

- MET542 Mechanics of Mechanisms
- ESD503 Applied Fluid Mechanics
- ESD501 Electric Motors & Controls
- ESD502 Applied Thermodynamics
- ESD505 Management Accounting
- ESD540 Industrial Controls – DDC
- MTH605\* Calculus B

#### Semester 6

- ESD604 Energy Management Project & Report
- ESD605 Alternative Energy for Transportation
- ESD601 Energy Applications – Design Project
- ESD603 Heat Energy Conversion Processes Combustion
- MET541 Heat Transfer
- MET607\* Finite Element Analysis

## Windsor Campus (C573/C566/C382)

# English as a Second Language

**Program Length:** Fall & Winter - 15 weeks / level  
May - 14 weeks / level

**Starts:** Fall (September),  
Winter (January), Spring (May)

**Contact:** Floyd Curtis  
519-972-2727 ext. 4771  
fcurtis@stclaircollege.ca

### ADMISSION REQUIREMENTS

Placement testing.

### PROGRAM OVERVIEW

By improving students' English language skills, this program helps learners prepare for post secondary education. This program is aimed at new Canadians, immigrants and international students planning to attend Post Secondary programs at St. Clair College or for students planning to directly enter the workforce.

Comprehensive language training is offered for all levels:

- Basic (C573)
- Intermediate (C566)
- Advanced (C382)

This program runs for 15 weeks (14 for the May session) with three intakes offered per year. It has a very good student to teacher ratio and places emphasis on both written and verbal language skills.

### PROGRAM HIGHLIGHTS

Advanced level students may take the in-house TOEFL Testing which may permit a smooth transition to one of St. Clair College's post secondary programs. Other alternatives for entry to post secondary programs are available.

### YOUR INVESTMENT

For information about program costs, call 519-972-2759.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at:  
[www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### COURSES

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Introductory C573

- ESL 011 Introductory Reading
- ESL 012 Introductory Writing
- ESL 013 Introductory Listening/Speaking
- ESL 014 Introductory Structure
- ESL 015 Introductory Communication, plus 5 hours open lab and conversation corner

#### Intermediate C566

- ESL 021 Intermediate Reading
- ESL 022 Intermediate Writing
- ESL 023 Intermediate Listening/Speaking
- ESL 024 Intermediate Structure
- ESL 025 Intermediate Communication, plus 5 hours open lab and conversation corner

#### Advanced C382

- ESL 031 Advanced Reading
- ESL 032 Advanced Writing
- ESL 033 Advanced Listening/Speaking
- ESL 034 Advanced Structure
- ESL 035 Advanced Communication, plus 5 hours open lab and conversation corner

### EMPLOYMENT OPPORTUNITIES

Entertainment technologists are able to work as tour organizers in light or sound, as digital audio console programmers, moving light programmers, shop carpenters and project managers. Opportunities also exist as audio visual technicians.

**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Dan Rehel  
519-972-2727 ext. 5479  
drehel@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)
- Senior level Physics (C) or (U) is recommended

Mature students see page 134 for details.

### PROGRAM OVERVIEW

Graduates of the Entertainment Technology program will be contributing members of an entertainment production team. They will learn lighting, sound, rigging, video, special effects and scene construction skills allowing them to work in theatres, theme parks, audio visual companies, entertainment touring, scene shops and rental houses.

This program will appeal to students who have a strong interest in the technology associated with the entertainment industry. They need to be analytical with good math and physics skills. They must also be creative problem solvers.

### PROGRAM HIGHLIGHTS

- NEW Theatrical Automation course added - Learn to move scenic elements and people with the push of a button!
- Only entertainment technology program of its kind in Canada.
- Articulation agreement with New York City College of Technology.
- When you apply to this program you are welcome to attend any of our performances which take place in December and April. Please contact Dan Rehel, Program Coordinator at 519-972-2727 Ext. 5479 for details.

### DEGREE COMPLETION

Students graduating from the Entertainment Technology program will have the opportunity to transfer to New York City College of Technology to pursue a Bachelor of Technology degree in Entertainment Technology.

**NOTE:** Internship / work experience hours may be accumulated throughout the duration of the program, and must be complete by the end of Semester 6.

### WHY CHOOSE ST. CLAIR COLLEGE'S ENTERTAINMENT TECHNOLOGY PROGRAM?

Do you thrive behind-the-scenes? Do you envision designing lighting and sound extravaganzas, with you in charge as master-at-the-controls? Do you love running A-V and creating theatrical sets? Or maybe you just can't wait to get on the road? As a fully trained entertainment technologist you will set yourself up for a solid career in the world of theatre and music. But first, you need a comprehensive and supportive entertainment technology school.

St. Clair's Entertainment Technology Program offers the only program of its kind in Canada. Learn all the dimensions of Technical Production: Sound Technology, Lighting Technology, Theatrical Automation, Scenic Construction and Painting, Welding, Rigging, Basic Networking, Electrical and Electronics, Theatrical CAD and more.

Our credits offer you a chance to study with other entertainment technology schools and colleges as well. You will have the chance to parlay your credits into study at the New York City College of Technology.

Get started on your way to creating lighting and sound experiences, get ready to be the technical and programming 'go-to-person', and get going on your road to project managing. Before long, you'll truly be "running the show."

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,094.00

Tools & safety equipment approx. \$750.00

Note: Curriculum requires students to attend performances and events outside of regular class hours. These events are mandatory and may involve additional costs that are not included in tuition. As well, during production periods the number of hours required to work on projects can increase substantially. Students are expected to fully participate with all projects, making the necessary arrangements with external employers during these peak periods.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ENT209 Intro. to Electrical & Electronics
- ENT117 Intro. Entertainment Technology
- ENT109 Entertainment Rigging
- ENT112 Health & Safety in Production
- COM210 Intro to Technical Communications
- PHY125 Physics for Entertainment Technology
- MTH111MT Math for Construction I

#### Semester 2

- ENT301 Scene Painting
- ENT207 Scenic Construction I
- ENT208 Technical Production I
- ENT211 Lighting Technology I
- ENT213 Theatrical Drafting
- MTH211MT Math for Construction II

#### Semester 3

- ENT204 Basic Welding
- MTH301 Technical Math
- ENT309 Theatrical CAD I
- ENT306 Basic Networking
- ENT303 Sound Technology I
- ENT308 Technical Production II
- PHY315 Physics for Entertainment Technology II

#### Semester 4

- ENT415 Scenic Construction II
- ENT408 Technical Production III
- ENT409 Theatrical CAD II
- ENT407 Intro to Animatronics
- ELEC1030 General Education Elective
- MIC211 Computer Applications II
- ENT406 Special Effects

#### Semester 5

- ENT502 Entertainment Automation
- ENT504 Entertainment Video Systems
- ENT511 Lighting Technology II
- ENT503 Sound Technology II
- ENT508 Technical Production IV

#### Semester 6

- ENT505 Multimedia
- ENT605 Technical Production V
- ENT611 Internship
- ELEC1030 General Education Elective
- ELEC1030 General Education Elective
- ENT603 Tour & Production Management



# NEW! Fashion Design Technician

**Windsor Campus (B877)**

## EMPLOYMENT OPPORTUNITIES

Employment may be found in clothing and textiles companies, retail establishments, and manufacturing companies or through entrepreneurial opportunities. Graduates may find design and production opportunities in film, television, theatre and video productions, and garments and textiles.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

The ability to read/understand garment patterns and sewing skills at the basic level is recommended for success in this program.

## PROGRAM OVERVIEW

This two year Fashion Design diploma program focuses on the sewing, drafting and crafting skills used in the fashion industry. Simulating industry standards and practices, students will become skilled in the essentials of pattern making, pattern grading, and clothing construction. Industrial machines will be used to sew garments and accessories. Core subject matter includes textiles, technical specifications and fashion illustration. Computerized pattern drafting and standard business applications are also part of the core curricula.



**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Franco Angileri  
519-972-2727 ext. 4402  
fangileri@stclaircollege.ca

Elaine Chatwood  
echatwood@stclaircollege.ca

## PROGRAM HIGHLIGHTS

- An annual fashion show will highlight student creations.
- Where possible student constructed costumes will be worn by performers of the Music Theatre Performance Program.
- Students are taught by industry professionals.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,094.76

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- FAS100 Fashion Drawing
- FAS101 Introduction to Textiles
- FAS102 Introduction to Garment Construction
- FAS103 Introduction to Pattern Drafting
- FAS104G What Clothing Says About You
- COM200 Communications

### Semester 2

- FAS200 Product Development
- FAS201 Fabric Structure and Analysis
- FAS202 Garment Construction 1
- FAS203 Pattern Drafting 1
- FAS204 Draping
- ELEC1030 General Education Elective

### Semester 3

- FAS301 Pattern and Marker Making
- FAS302 Garment Construction 2
- FAS303 Pattern Drafting 2
- FAS304 Software-Based Fashion Design
- FAS305 Costumes, Past and Present
- ELEC1030 General Education Elective - ONLINE

### Semester 4

- FAS400 Fashion Industry Practices
- FAS401 Colour, Trim and Surface Design
- FAS402 Garment Construction 3
- FAS403 Pattern Drafting 3

## Windsor Campus (H879)

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Waseem Habash  
519-972-2727 ext. 5090  
whabash@stclaircollege.ca

## NEW! Fitness and Health Promotion

### EMPLOYMENT OPPORTUNITIES

Employment can be found in the retail fitness industry in a variety of settings including fitness and health clubs, YMCA/YWCA, corporate recreation and fitness programs, and public and private fitness programs. Graduates may also find employment with community institutions for special populations, hospitals, and municipal recreation departments. Graduates may choose to become consultants or business entrepreneurs. They are prepared to meet the multi-dimensional demands of a growing market in fitness and health promotion.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U

Senior level Biology is strongly recommended.

Mature students see page 134 for details.

### PROGRAM OVERVIEW

This exciting new program will provide students with the knowledge, skills and experience required for careers as health and fitness professionals. Graduates will have the skills to identify needs in the community and design programs for individuals and groups meeting a wide range of objectives and goals. Knowledge in program administration and business practices, an awareness of community resources, and the ability to communicate effectively with managers, boards, committees, and funding agencies will make the graduate highly marketable. Additional areas of skills in operation/management of fitness facilities, program administration and promotion, fitness testing procedures, planning/conducting of physical exercise programs, identification and management of safety and injury issues, and development of leadership ability and performance will prove to be assets when seeking employment as a fitness professional.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

Placements may be on day, afternoon, or weekend shifts anywhere within Windsor-Essex. Students are required to provide their own transportation to the clinical area. The College is not able to guarantee placements on a bus route.

### PROGRAM HIGHLIGHTS

- Graduates of the Fitness and Health Promotion Diploma program will qualify to complete an examination process certifying them as a CSEP-CPT (Canadian Society for Exercise Physiology – Certified Personal Trainer). This certification qualifies professionals in three areas: Health/Fitness Counselor, Fitness Appraiser and a Personal Trainer. They are the only fitness professionals in Canada that have acquired their skills, knowledge/abilities and training through formal academic training.
- Students will have access to the new Windsor Campus SportsPlex, slated to be completed in 2014.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees      \$4,044.72

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- FHT 101 Structure and Function of the Human Body
- FHT 102 Nutrition of Wellbeing
- COM200 Communications
- FHT 103 Wellness and Healthy Living
- FHT 104 Foundations of Exercise Training
- ELEC1030 General Education Elective
- MIC111 Computer Applications

#### Semester 2

- FHT 201 Group Fitness Leadership
- FHT 202 Physical Activity in Special Populations
- FHT 203 Fundamentals of Fitness Assessment
- FHT 204 Foundations of Exercise Program Design
- FHT 205 Fitness Business Essentials
- ELEC1030 General Education Elective
- FHT 206 Professional Practice

#### Semester 3

- FHP 300 Exercise Anatomy & Physiology
- FHP 301 Lifestyle Coaching I
- FHP 302 Biomechanics
- FHP 303 Awareness through Exercise I
- ELEC1030 General Education Elective
- FHP 304 Exercise Prescription

#### Semester 4

- FHP 403 Awareness through Exercise II
- FHP 402 Adapted Fitness Programming
- FHP 405 Field Placement
- FHP 401 Lifestyle Coaching II

### EMPLOYMENT OPPORTUNITIES

Graduates will be prepared to work as fitness and health consultants, program leaders and instructors in recreation, sports and fitness, personal trainers, and fitness coach/leader positions in health and fitness clubs and organizations.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U
- Senior level Biology is strongly recommended

Mature students see page 134 for details.

### PROGRAM OVERVIEW

The Fitness and Health Training program combines the science of physiology, anatomy, biomechanics and nutrition with practical training in exercise and conditioning. Curriculum is designed to provide the foundational skills and knowledge preparing students to perform the roles and responsibilities of a fitness and health consultant. Fitness and health consultants provide services including planning, promoting and delivering activities and educational programs. Such programs enhance the health, fitness and well-being of individuals and groups in diverse settings. External professional organizations offering certifications including but not limited to, CANFIT Pro, CPTN & OFC will allow graduates to further their employment opportunities in this field of practice.

Students will learn to assess the basic fitness needs of clients through standard manual and/or mechanized fitness testing protocols, and apply fundamentals of physiology, anatomy, biomechanics and nutrition in promoting a safe training environment and healthy lifestyle. Students will also learn how to teach correct techniques in executing all exercise, training and fitness instruction programs in a variety of environments, and report on health related conditions. By program completion, students will be able to create physical fitness programs for general and specific groups with diverse age, health and fitness levels.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

Placements may be on day, afternoon, or weekend shifts anywhere within Chatham-Kent. Students are required to provide their own transportation to the clinical area. The College is not able to guarantee placements in Chatham or on a bus route.

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September

**Contact:** Deborah Ivey  
519-354-9714 ext. 5975  
divey@stclaircollege.ca

### PROGRAM HIGHLIGHTS

- Students will learn in a state-of-the-art fitness facility - the new Thames HealthPlex

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,067.76

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- FHT101 Structure and Function of the Human Body
- FHT102 Nutrition of Wellbeing
- COM200 Communications
- FHT103 Wellness and Healthy Living
- FHT104 Foundations of Exercise Training
- ELEC1030 General Education Elective
- MIC111 Computer Applications

#### Semester 2

- FHT201 Group Fitness Leadership
- FHT202 Physical Activity in Special Populations
- FHT203 Fundamentals of Fitness Assessment
- FHT204 Foundations of Exercise Program Design
- FHT205 Fitness Business Essentials
- FHT206 Professional Practice



# SAVE THOUSANDS OF TUITION \$\$\$'s EACH YEAR



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- Taught by faculty who are experts in their field and professional industry advisors.
- Great way to qualify for industry designations in Accounting or HR.

**For information call the School of Business at 519-972-2727 Ext. 4504**

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September and January

**Contact:** Corey Pyne  
519-972-2727 ext. 6574  
cpyne@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

This program updates the academic skills of students still exploring their career and vocational options. The program is aimed at improving the academic foundation for future career or program choices. A career counseling component helps students to determine and prepare for further post secondary education.

The curriculum offers upgrading in English and Math, however it is primarily social science based offering course choices that may be used as electives as students progress through their chosen post secondary education.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,483.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- SSC160 Basic Psychology
- GAS93 Intro. Statistics
- GAS60 Career Pathways
- ELEC1030 General Education Elective
- ENG200W Written Communications II

#### Semester 2

- ENG100P Oral Communication I
- SSC208 The Science of Reasoning
- SSC164 Intro to Sociology
- MIC125 Windows Computer Applications
- ELEC1030 General Education Elective

**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Michael Lovell  
519-972-2727 ext. 4394  
mlovell@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Graphic design is a global discipline with worldwide employment opportunities. Graduates of the graphic design program will find entry level positions include junior designer, prepress production artist and web designer. Opportunities exist in advertising agencies, graphic design studios, with printers or publishers, with newspapers and doing in-house design. There is also the potential for freelancing and contract work. With experience the designer can become an art director, creative director or production manager.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

## ADDITIONAL REQUIREMENTS

Students will be required to submit an art portfolio. For portfolio guidelines and requirements, see our web site for details at [www.stclaircollege.ca](http://www.stclaircollege.ca) - Full Time Programs - Graphic Design

## PROGRAM OVERVIEW

Graphic designers work as an integral part of a creative team to develop a wide range of products, from advertising campaigns in newspapers and magazines, electronic media and outdoor advertising to print communications (brochures, flyers, annual reports, corporate image packages,) and more. Graduates of St. Clair College's Graphic Design program will also have proficiency in web design, motion graphics and illustration capabilities.

This program will appeal to students who are competent in drawing and have demonstrated a strong interest in the areas of design, web design, photography and illustration. They need the ability to visualize and express concepts based on the clients' needs. This requires creativity and imagination while meeting often tight deadlines.

## PROGRAM HIGHLIGHTS

- Six week internship in an industry environment.
- Traditional media and enhanced digital media training.
- All faculty are professional graphic designers, illustrators or multimedia artists.
- Graduation from this program provides the first step in professional accreditation as a Registered Graphic Designer (Association of Registered Graphic Designers of Ontario).
- Student-run Graphic Design Club.
- Graduate design exhibition in the community in year three.
- Program emphasizes creativity, originality and critical thinking.
- This program may be introducing some new courses. Please watch the Graphic Design program page on our web site for the latest updates at [www.stclaircollege.ca](http://www.stclaircollege.ca)

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$4,094.00
Art Kit and Digital Camera approx.	\$1,300.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- GRD101 Studio Foundations
- GRD125 Illustration I
- GRD130 Design & Layout I
- GRD155 Typography I
- GRD107 Copywriting for Design I
- GRD 260 Digital Photography

### Semester 2

- GRD203 Studio Production I
- GRD212 Design & layout II
- GRD215 Illustration II
- GRD222 History of Design Art
- GRD225 Typography II
- GRD331 Photoshop
- GRD207 Copywriting for Design II

### Semester 3

- GRD300 Design & Layout III
- GRD315 Illustration III
- GRD303 Studio Production II
- GRD304 Web & Multimedia I
- GRD355 Typography III
- GRD431 Photoshop II

### Semester 4

- LSW100G Literature: Short Exposition
- GRD400 Design & Layout IV
- GRD415 Illustration IV
- GRD403 Studio Production III
- GRD404 Web & Multimedia II
- GRD401 Photo Workflow

### Semester 5

- GRD504 Web & Multimedia III
- GRD508 Digital Photography II
- GRD513 Illustration for the Web I
- GRD518 Design Agency I
- GRD515 Business of Graphic Design
- ELEC1030 General Education Elective

### Semester 6

- GRD613 Illustration for the Web II
- GRD610 Project Management
- ELEC1030 Online General Education Elective
- GRD618 Design Agency II
- GRD604 Web & Multimedia IV
- GRD601 Internship

# Hairstylist [FAST TRACK]

**Windsor Campus (T914)**

## EMPLOYMENT OPPORTUNITIES

A typical entry level position involves being an assistant to a stylist with the opportunity to build a clientele and begin working independently as a junior stylist within a salon. There is excellent potential for advancement with self employment as an option, salon manager, trainer, industry sales representative, educator or platform artist.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

## SELECTION PROCESS

Successful completion of Hairstyling and Cosmetology Student Aptitude Test. This test is designed to evaluate desired traits and aptitudes (including artistic traits, ability to understand lines, colour and figure perception) for a successful career in hairstyling.

## PROGRAM OVERVIEW

Hairstylists are capable of advanced hair cutting, hair textured services (perming and chemical hair relaxing), hair colouring, colour correction, foiling techniques and "updo" styling for bridal and prom work.

This program will appeal to those who are people oriented and creative. It's important they be able to develop manual dexterity. Students must be prepared to participate in all aspects of this trade requiring both male and female interaction.

## PROGRAM HIGHLIGHTS

- Clinical and lab experience.
- Students can earn credits towards apprenticeship.
- Industry specific field trips and involvement in community charity events.
- Visit our program website at:  
[www.stclaircollege.ca/programs/postsec/hair/hairstyling/](http://www.stclaircollege.ca/programs/postsec/hair/hairstyling/)

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$7,957.97

The mandatory kit is available at the College during the first week of classes. The cost of the kit and material fees are included in the tuition and compulsory fees.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

**Credential:** Ontario College Diploma

**Program Length:** Delivered in less than One Year

**Starts:** September

**Contact:** Marcy McIntosh  
519-972-2727 ext. 4391  
[mmcintosh@stclaircollege.ca](mailto:mmcintosh@stclaircollege.ca)



## CERTIFICATE REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- HDR150 Ethics, Regulation and Policy
- HDR151 Health & Safety I
- HDR152 Professional Development
- HDR153 Client Service
- HDR154 Preparatory Procedures & Treatments
- HDR155 Cut Hair I
- HDR156 Style Hair I
- HDR157 Permanent Wave Hair I
- HDR158 Colour & Lighten Hair I
- ELEC1030 General Education Elective

### Semester 2

- HDR252 Health & Safety II
- HDR250 Entrepreneurial Skills II
- HDR255 Cut Hair II
- HDR256 Style Hair II
- HDR257 Permanent Wave Hair II
- HDR259 Chemically Relax Hair I
- HDR258 Colour & Lighten Hair II
- ELEC1030 General Education Elective

### Semester 3

- HDR350 Entrepreneurial Skills II
- HDR355 Cut Hair III
- HDR356 Style Hair III
- HDR359 Chemically Relax Hair II
- HDR358 Colour & Lighten Hair III
- HDR351 Hair Additions
- ELEC1030 General Education Elective

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Nino Sirianni  
519-972-2727 ext. 4257  
nsirianni@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Apprenticeship possibilities and job prospects are excellent, with above average wages and steady employment. Graduates find work in heating, air conditioning, sheet metal, electrical and refrigeration contracting firms. Other opportunities include wholesale, distribution, parts and equipment manufacturing companies.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)
- Senior level Physics recommended (C) or (U).

Mature students see page 134 for details.

## PROGRAM OVERVIEW

The Heating, Refrigeration and Air Conditioning Technician program prepares graduates for entry level positions in: Electrical, Refrigeration, Sheet Metal or Heating and Air Conditioning Industries. Technicians in these fields require sound mechanical and problem solving abilities.

## PROGRAM HIGHLIGHTS

- Apprenticeship possibilities following graduation in sheet metal, electrical or refrigeration and air conditioning.
- Curriculum follows the prescribed TSSA Gas Technician 3 and Gas Technician 2 syllabus, providing an opportunity for certification (external).
- Eligible for Refrigeration Handling Certification - Ozone Depletion Prevention (external).

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,460.75
Safety shoes and glasses approx.	\$150.00
Drafting Kit approx.	\$100.00
Tools (optional) approx.	\$800.00

Optional external certification will involve additional expenses. Program graduation does not require completion of these government certifications.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- HRA106 Heating I
- HRA116 Refrigeration I
- HRA128 Sheet Metal I
- HRA135 Electrical I
- HRA119 Industrial Safety
- LBS110G Communication Across Cultures

### Semester 2

- HRA206 Heating II
- HRA216 Refrigeration II
- HRA235 Electrical II
- HRA228 Sheet Metal II
- HRA231 Gas Code G-3
- ELEC1030 General Education Elective

### Semester 3

- HRA306 Heating III
- HRA316 Refrigeration III
- HRA335 Electrical III
- HRA328 Sheet Metal III
- MIC111 Computer Applications I
- HRA307 Mechanical Systems I

### Semester 4

- HRA406 Heating IV
- HRA408 Refrigeration IV
- HRA409 Electrical IV-A
- HRA428 Sheet Metal IV
- HRA407 Mechanical Systems II
- HRA420 HRAC Welding
- PSE445G Industrial Environmental Awareness

# Hospitality Management - Hotel & Restaurant

**St. Clair College  
Centre for the Arts (B939)**

## EMPLOYMENT OPPORTUNITIES

Ontario's hospitality industry is expanding and so are job opportunities in the accommodations and food service sectors. Areas such as: front desk, housekeeping, catering, bartending, restaurant/resort/club services, sales and marketing, guest services, convention/conference services, and hotel restaurant management are just some of the opportunities that await our graduates. Our students enjoy an almost 100 percent hire success rate upon graduation. Student "work-and-earn" programs are available through recruitment visits by Fairmont Resorts & Hotels, through the Disney College Program, and internally by the St. Clair College Centre for the Arts.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

## PROGRAM OVERVIEW

This program will prepare graduates for direct entry into hospitality venues such as resorts & hotels, catering & conference centres and restaurants & bars. The hospitality student will be provided with solid information on how both the accommodation operations (hotels) and the food & beverage operations (restaurants) function through learning about:

- All back-of-the-house and front-of-the-house departments
- How entry level jobs lead to hospitality management positions
- Theoretical course lessons taught by hospitality professionals
- Practical skills learned in labs and in working hospitality settings
- Sensory experiences by tasting and gaining knowledge in the production, preparation and serving of beverages and meals
- The hospitality experience from the customer perspective and the impact of the hospitality employee and manager in that experience

Graduates of this program will enter the hospitality and tourism sectors with the knowledge and skills in:

- Front desk & guest services operations
- Hotel housekeeping & reservations
- Bartending
- Meal preparation
- Food & beverage service
- Special event planning and delivery
- Professionalism and customer service

## PROGRAM HIGHLIGHTS

- The program is located at the St. Clair College Centre for the Arts which houses a full convention centre and is connected to two major hotel chains.
- Participate in multiple field trips and site inspections of hospitality industry venues.
- Active Hospitality student club.
- Planning and participation in annual student-operated Grand Gala event.
- Internship placement in one of our Hospitality industry partners host sites or through our student "work and learn" programs.
- Operation of our simulated restaurant venue by performing in the roles of host and a la carte server and by preparing meals for our lunch and dinner service.
- Gain additional certification in Smart Serve, Food Safety & Sanitation, and Customer Service Excellence.
- **Students can apply to work and earn credits through the Disney College at Disney World in Orlando, Florida, working, living and earning St. Clair College and Central Michigan University credits.**

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

There is an investment of approximately \$1,000 for course materials and books and uniforms and tools which are useable throughout the program. Visit the web site for additional information.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at [stclair.bkstr.com](http://stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- COM200 Communications
- HOS114 Intro to Accommodations I
- TOR 109 Intro. Tourism/Hospitality
- HOS 131 Bar Ops.& Beverage Product Knowledge
- MIC 125 Windows Computer Applications
- HOS 321 Hospitality Sales & Marketing
- HOS 140 Communications and Customer Skills

### Semester 2

- HOS203 Hospitality Finance
- HOS 112 Bartending
- FSA 129 Intro to Safe Food Handling
- HOS 142 Intro to Food & Beverage I
- HOS214 Accommodations Operations II
- HOS204 Career Development & Placement Preparation
- HOS108G Cuisine & Culture

### Semester 3

- HOS300 Wine in Hospitality
- HOS 306 Food & Beverage Management I
- HOS 317 Rooms Division Management
- ELEC1030 General Education Elective
- FSA 205 Intro to Cost Control
- PLUS:
  - HOS 323 Dining Room Service
- OR
  - HOS 324 Food Preparation & Product Knowledge

### Semester 4

- HOS 301 Event Planning
- HOS 406 Restaurant Management II
- HOS409 Human Resources for Hospitality
- HOS411 Rooms Division - Revenue Management
- HOS416 Hospitality Internship
- ELEC1030 General Education Elective
- PLUS:
  - HOS323 Dining Room Service
- OR
  - HOS324 Food Preparation & Product Knowledge

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Brian Hucker  
519-972-2727 ext. 4482  
bhucker@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

The program offers very strong job placement with international opportunities. With their highly developed technical and creative skills graduates find work as designers for architects, lighting contractors and furniture designers. Diverse training allows for designing opportunities in the retail, hospitality, medical, commercial and entertainment sectors.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

## PROGRAM OVERVIEW

Interior designers work with clients to develop design solutions that are aesthetic, technically sophisticated and functional. They are the design architects of interior space. Work settings include residential, commercial, institutional and industrial buildings. The Interior Designer assesses a client's needs and creates solutions. They design technical drawings then monitor and supervise installation. At completion the Interior Designer evaluates the project and ensures it meets the clients' objectives along with all building, fire and safety codes.

This program targets students who are imaginative and have a passion for creating environments that enhance the quality of living. Basic drawing skills, along with math ability are essential. Students must be both independent thinkers and able to work in a team environment.

## PROGRAM HIGHLIGHTS

- Numerous opportunities for field study in the community and internationally.
- Active student chapter of ASID (American Society of Interior Design) and ARIDO (Association of Registered Interior Designers of Ontario).
- Advanced technology offering computer aided drafting and design, animation, 3D imaging training and application.
- Integrated design studio offering training by an architect, landscape designer and lighting designer.
- A design-build component offering hands-on furniture construction.

## AWARD WINNING STUDENTS

Silver medal (2009) and Gold and Bronze medals (2008) at the Eastern Region Interior Design Educators Council (IDEC) Student Competition. Students won a Silver and Bronze in the Michigan ASID Design Competition (2005).

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,660.75
Safety shoes and glasses approx.	\$200.00
Material Studies	\$200.00

(includes: Educational lab equipment, model supplies/equipment, lecture series build, materials for library samples, field equipment)

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## LOOKING FOR A DEGREE IN ARCHITECTURE?

St. Clair College has a unique agreement with Lawrence Technological University in Detroit that allows students to get the best of both worlds – an advanced diploma from St. Clair and a degree from Lawrence Tech. Find out more.

Contact **Brian Hucker, Program Coordinator** at [bhucker@stclaircollege.ca](mailto:bhucker@stclaircollege.ca)

Additional degree completion opportunities are available through Griffith University for entry into their Master of Arts in Visual Arts program. See [www.griffith.edu.au/credit](http://www.griffith.edu.au/credit) or visit the College – University Transfer Guide website at [www.ocutg.on.ca](http://www.ocutg.on.ca).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MTH101MT Math for Drafting/Design I
- CAD130A Computer Aided Drafting/Design I
- IND107A Design Illustration I
- IND115A Drafting and Design I
- IND120C Interior Design Fund.I
- IND600 Environmental Design

### Semester 2

- CAD230A Computer Aided Drafting/Design II
- IND207A Design Illustration II
- IND215 Drafting and Design II
- IND220C Design Fundamentals
- IND200G Art History I
- ELEC1030 General Education Elective

### Semester 3

- CAD330A Computer Aided Drafting/Design III
- IND307 Design Illustration III
- IND317B Specification & Estimation I
- IND315 Drafting & Design III
- IND320 Interior Design Intermediate III
- IND308 Art History II

### Semester 4

- BDT200G People in Motion
- CAD430A Computer Aided Drafting/Design IV
- IND410 Contract Business Procedures
- IND417 Cost Estimating II
- IND415A Drafting & Design IV
- IND420B Interior Design Intern. IV
- IND430 Lighting Fundamentals

### Semester 5

- CAD530A Computer Aided Drafting/Design V
- IND500 Portfolio & Marketing I
- IND517A Health, Safety & Code
- IND515 Drafting and Design V - Building Systems
- IND530 Design Detailing
- IND520B Design Studio Advanced V

### Semester 6

- CAD630A Computer Aided Drafting/Design VI
- IND610 Project Management
- IND611G Portfolio & Marketing II
- IND620A Design Studio Advanced VI
- IND103G Professional Partnerships

# International Trade Management

**Windsor Campus (B852)**

## EMPLOYMENT OPPORTUNITIES

International entrepreneurs in the areas of importing and exporting, foreign business development, logistics, international marketing and purchasing agents; Agent, distributor, trade consultant, project management, sales.

**Credential:** Ontario College Graduate Certificate

**Program Length:** One Year

**Starts:** September and January

**Contact:** Floyd Simpkins  
519-972-2727 ext. 4741  
fsimpkins@stclaircollege.ca

## ADMISSION REQUIREMENTS

Diploma or degree in a relevant field from a recognized college or university OR demonstrated competence through related work.

International Students - The English proficiency requirement is IELTS 6.0 with no band lower than 5.0; or TOEFL iBT 79 with no sections lower than 16. Students may have the English condition waived if they have graduated from a recognized (Canadian, USA, British, Australian, etc.) college or university where classes are conducted in the English language.

## PROGRAM OVERVIEW

St. Clair College's International Trade Management program provides students with the multi-skilled tools they require to compete in the ever challenging field of International Trade. Students will focus on in-depth analysis of case studies in international business through structured group work. Graduates will have the necessary knowledge and abilities to apply these skills in order to specialize in international trade. Students will learn to become competent in broad sectors of the global business environment including international marketing, trade research, logistics, finance, and market entry strategy among others.

## PROGRAM HIGHLIGHTS

- Gives graduates three semesters to polish their skills in international business and trade.
- Transfer agreement with Lawrence Technological University that may lead to an MBA.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,509.48

For a breakdown of tuition and other compulsory fees for

Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## CERTIFICATE REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ITM100 Global Entrepreneurship
- ITM151 Global Trade Research
- ITM201 Global Trade Finance
- ITM251 Global Trade Logistics
- ITM155 Report Writing

### Semester 2

- ITM301 Foreign Market Entry & Distribution
- INT150 International Marketing
- ITM401 Legal Aspects of Global Trade
- ITM451A Global Trade Management

### Semester 3

- INT160 World Geography and Economics
- INT610 International Trade Management
- ITM340 International Business Culture
- ITM320 Global Strategy



**Credential:** Ontario College  
Advanced Diploma

**Program Length:** 3 years

**Starts:** September

**Contact:** Bob Aylesworth  
519-972-2727 ext. 4993  
raylesworth@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Local, national and global opportunities exist for graduates of this program with all size and types of corporations, including self-employment.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

The Internet Applications and Web Development program produces a graduate with strong technical IT skills who understands business practices and operations. The graduate will have the skills to communicate clearly and concisely about business technologies and present, implement, and maintain new web-based solutions to help organizations stay abreast of change and maintain their competitive edge.

### PROGRAM HIGHLIGHTS

- **Skills Ontario Winners**  
2012 - Gold  
2011 - Gold and Bronze
- **Skills Canada Winners**  
2011 - Bronze
- Focus on web development with an emphasis on business systems and communications.
- Program web site: [www.scweb.ca](http://www.scweb.ca)

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



Benjamin Hohner-Da Silva, Gold Medal Winner in the Web Site Design Competition at Skills Ontario 2012.

## DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MIT153 Introductory Programming Logic
- MIT160 Business Driven Information Systems
- MRK225 Web Marketing
- WEB110 HTML and CSS
- WEB190 Visual Communications I
- ELEC1030 General Education Elective

### Semester 2

- MIT215 Working with Data
- WEB210 Web Design/CSS
- WEB220 Web Usability
- WEB230 JavaScript I
- WEB205 PHP Basics
- ELEC1030 General Education Elective

### Semester 3

- WEB303 JavaScript 2
- WEB310 Web Applications with PHP and MySQL
- WEB315 Introduction to ASP.NET
- WEB495 Rich Media Communications
- ELEC1030 General Education Elective

### Semester 4

- COM401 Communications in a Changing World
- WEB402 Intermediate Web Apps with PHP
- WEB452 Developing Web Applications using ASP.NET
- MIT456 Linux Web Server Administration
- WEB400 Web Communications Project I

### Semester 5

- MIT507 Windows Web Server Administration
- WEB510 Advanced Web Apps with PHP
- WEB552 Advanced Web Applications using ASP.NET
- WEB595 Rich Media Communications II (Flash)
- WEB505 System Analysis and Design

### Semester 6

- WEB600 Web Communications Project II
- WEB605 Mobile Web Development
- MIT650 Web Project Management
- WEB612 Developing Multimedia Communications
- WEB615 New Technologies and Trends

### EMPLOYMENT OPPORTUNITIES

The opportunities for budding journalists are expanding significantly in traditional news reporting and photojournalism for print, radio and television. The web has opened new avenues for internet news provider/ researcher, web site designer and convergence media professionals (providing stories to all media).

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Veronique Mandal  
519-972-2727 ext. 4292  
vmandal@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

Students looking for a career as a journalist will have the distinction of learning at our new MediaPlex located in downtown Windsor. Just steps from the St. Clair College Centre for the Arts, it is the only one of its kind in Canada and is equipped with state-of-the-art technology to support "convergence" news reporting which means you will learn to write and file stories for all media platforms - television, radio, print, and on-line.

The curriculum will provide students with cutting edge knowledge and skills making them highly marketable across all media platforms.

Students will experience actual "on-deadline" news filing, be expected to adapt their story for multiple media deliveries and to back up their stories with photography, audio or video. Much of the course work is "in field," and as such, students must be strong self-starters and motivated to seek out, interview and write stories on a frequent basis. Successful applicants will have a very strong interest in news and current affairs. They must have above average writing skills and the ability to meet deadlines while working under pressure. They should also have an innate sense of curiosity.

### PROGRAM HIGHLIGHTS

- 2 media field placements.
- "Convergence" journalism is taught exclusively at this new campus, providing students with employable skills for the newsrooms of the 21st century.
- Students will learn how to work across all media platforms including on-line, print, television and radio.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,470.75

In addition, students will require a digital camera (SLR) with video capability. Additional information is available from the department. Students will also require a microphone, headphones and digital tape recorder with a USB connector. This will allow assignment delivery and feedback, discussion and research. In Semester 2 or 3, students will require a camera cell phone.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

*To ensure success in the Journalism program, students will be asked to submit a writing sample expressing their interest in journalism and their goals in the industry. A review of the writing sample will allow the College to make recommendations to each student to ensure achievement in their studies.*

### DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- JRN155 News Writing
- JRN127 Computer-Assisted Reporting I
- JRN135 Intro. Desktop Publications
- JRN152 Digital Photojournalism I
- JRN138 Editing CP Style
- SSC180G Canada and Politics of the 21st Century
- JRN129 Media Ethics & The Law

#### Semester 2

- JRN151 Portfolio & Placement
- JRN325 News Beat
- JRN207 Math for the Media
- JRN214 Digital Photojournalism II
- JRN222 Radio Reporting
- JRN226 Convergence Technology
- JRN218 TV Radio & Digital Writing Presentation
- JRN223 Convergence Technology Editing Practicum

#### Semester 3

- ELEC1030 General Education Elective
- JRN331 Internship I
- JRN309 Digital Design for Journalists
- JRN319 Digital Video Journalism - Writing/Presentation
- JRN321 Podcast Journalism
- JRN202 Feature Writing
- JRN314 News Writing II

#### Semester 4

- ELEC1030 General Education Elective
- JRN417 Public Relations Basics
- JRN441 Internship II
- JRN419 Digital Production - Video & Radio Journalism
- JRN425 Rhetoric & Persuasion
- JRN422 Convergence Reporting Lab
- JRN403 Digital Convergent Design

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** John Lein  
519-972-2727 ext. 4344  
jlein@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Typical entry level positions range from project estimator and designer to managerial roles. Positions exist with landscape construction companies, design/build companies including, paving, planting, irrigation, and maintenance. Those completing the program also have the skills and knowledge to start their own landscaping business to managerial roles.

Official Program Name: Horticulture Technician - Landscape

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

With gardening as the country's fastest growing leisure activity, people are spending more time and money on their property. A Horticulture Technician provides product and service expertise with landscape design and construction as well as grounds maintenance. The technician is trained to operate greenhouses and manage retail garden centres including the care of interior plants in commercial complexes.

This program will appeal to those with a self proclaimed "green thumb" as well as a strong interest in nature and environmental issues.

### PROGRAM HIGHLIGHTS

- Two distinct streams. Design/Construction focuses on landscape design/planning/installation; Horticulture focuses on the growing of plants.
- Students work with the College on maintenance and installation of the College's 100 acre campus arboretum. Students also have the opportunity to gain hands-on experience working at various sites affiliated with the College, including an 11-acre wooded lot in East Windsor, retail garden centre at Sears Canada Inc., Devonshire Mall, and Arboriculture and Outdoor Floriculture sites including King's Navy Yard / Seagram Park in Amherstburg. These "living labs"/ satellite grounds are both learning environments and a source of summer employment.

**Please Note:** Work practicum may be on the day or afternoon shifts anywhere within Windsor-Essex County. Students are required to provide their own transportation. The College is not able to guarantee locations in Windsor and/ or on a bus route.)

- Located in the "banana belt" of Canada, with one of the country's longest growing seasons, allowing for the study of a wide spectrum of exotic plants, as well as access to the "backdoor" of the country's largest greenhouse growing area.
- In recent years the Horticulture Team has achieved Gold, Silver and Bronze Medals in the Canada/Skills Landscaping Gardening Competition.
- Strong community involvement assisting with design solutions for community and municipal projects.
- Students will be prepared to pursue Landscape Ontario's Landscape Industry Certified Technician Exam, and also receive training for certification in Pesticides (Technician and Exterminator), Front End Loader/Skid Steer Operator and Chainsaw Certification.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,665.75
Safety shoes approximately	\$150.00

The mandatory kit is available at the College during the first week of classes. The cost of the kit and material fees are included in the tuition and compulsory fees. For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

Summer paid employment opportunities are available within our program! We hire our students for sales in our retail store at Sears, grass cutting, maintenance on college property, and garden maintenance at our private 11 acre site, King's Navy Yard / Seagram Park.

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- LND113 Landscape Computer Applications
- LND102C Turf Care
- LND100C Horticulture Science
- LND104AB Horticulture Practices
- LND106A Plant Materials I

### Semester 2

- ENG201LS Communications
- LND206A Plant Materials II
- ELEC1030 General Education Elective

### plus Horticulture Option

- LND207 Greenhouse Management
- LND204H2 Horticulture Practices II
- LND301A Irrigation

### OR Design & Construction Option

- LND203AB Landscape CAD I
- LND204D2 Horticulture Practices II
- LND205C Landscape Design I

### Semester 3

- LND306 Plant Materials III
- LND115 Equipment Maintenance
- ELEC1030 General Education Elective

### plus Horticulture Option

- LND320 Floriculture
- LND304H Horticulture Practices III
- LND310A Landscape Pesticide Prep.

### OR Design & Construction Option

- LND315 Landscape CAD & Design
- LND313 Landscape Estimating & Specification
- LND304DB Horticulture Practices III

### Semester 4

- LND413 Arboriculture
- ELEC1030 General Education Elective

### plus Horticulture Option

- LND123 Greenhouse Hydroponics
- LND414 Nursery Management
- LND404H Horticulture Practices IV

### OR Design & Construction Option

- LND301A Irrigation
- LND403AD Landscape CAD & Design II
- LND404DD Horticulture Practices IV

### EMPLOYMENT OPPORTUNITIES

Students may complete the two year diploma and continue on to a university program. Other students may prefer to enter the world of work. Our program helps students to develop the advanced communication and critical thinking skills required particularly for careers in social service organizations that encourage on-the-job professional development.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

The Liberal Arts diploma program focuses on a broad-based curriculum of skills and knowledge in the humanities, social sciences, philosophy, ethics, literature and communications. This program may provide graduates with a pathway into an undergraduate university degree in the social sciences or related areas of study. Graduates of the Liberal arts program receive a substantial number of advanced standing credits toward degrees at the University of Windsor, Brock University, and other universities. Graduates will also find that they have obtained a wide range of skills (critical thinking, writing, research skills, etc.) and a greater understanding of individuals, cultures, and political systems.

Graduates will have the knowledge and skills to communicate effectively in a professional environment, and the critical thinking skills and problem solving techniques necessary for success, both within a workplace and in everyday life. They will also develop basic vocational skills drawn from the areas of Social and Behavioural Sciences, and Humanities, and they will learn to recognize the importance of these skills.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Jason Morris  
519-972-2727 ext. 5401  
jmorris@stclaircollege.ca

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- FAW100 Foundations of Academic Writing I
- SCC212G Canadian Popular Culture
- SSC160 Basic Psychology
- SSC164 Introduction to Sociology
- MIC125 Windows Computer Applications
- SSC208 The Science of Reasoning

#### Semester 2

- FAW105 Foundations of Academic Writing II
- SSC179 Great Ideas: Foundations of Philosophy
- SSC240 Developmental Psychology
- SSC150G Contemporary Social Problems
- SSC153 Cultural Anthropology
- ELEC1030 General Education Elective

#### Semester 3

- SSC159 Abnormal Psychology
  - SSC125G Sociology and Gender Relations
  - SSC213 Social Psychology
  - SSC178 Humanities
  - SSC158 Research and Statistics in the Social Sciences I
- PLUS
- ELEC1030 General Education Elective **OR** a Designated University of Windsor Course

#### Semester 4

- SSC142 Family Violence
- SSC410 Ethics: Structures of Morality
- SSC148 Canadian Criminology
- SSC180G Canada and the Politics of the 21st Century
- ELEC1030 General Education Elective
- ELEC1030 General Education Elective **OR** a Designated University of Windsor Course

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Rob Chittim  
519-972-2727 ext. 4774  
rchittim@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Job opportunities are very good with technicians able to work in different industrial and manufacturing environments. With a strong background in both theory and practice, graduates are well prepared for positions as millwright apprentice, prototype maker, machine tool builder/integrator apprentice.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)
- Senior Level Physics (C) or (U) is recommended.

Mature students see page 134 for details.

## PROGRAM OVERVIEW

Mechanical Engineering Technicians/Industrial Mechanics make parts using various hand and machine tools. They perform welding and fabrication, installation of fluid power systems, pumps, valves and piping and possess basic electrical skills. They also perform machine repair and trouble-shooting of industrial mechanical systems and material-handling equipment and have skills in rigging of loads and crane operations.

This program appeals to students who have a mechanical aptitude and enjoy hands on work. They need to be organized and enjoy a challenge while working both independently and as part of a team.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees   \$3,495.75  
 Safety shoes and glasses approximately       \$150.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MTH112 Technical Math I
- SSC100G Ethnic & Minority Relations
- BPT120 Blueprint Reading
- TML122 Shop Theory I
- TML127 Shop Practice I

### Semester 2

- MTCT201G Technological Developments
- MTCT224 Millwright Mechanics & Rigging
- MTCT226 Industrial Fluid Mechanics I
- MTCT225 Machine Mechanics
- MTH223 Geometry & Trigonometry
- BPT209 Blueprint Reading & Drawing II
- WLD208 Basic Welding Process & Fabricating

### Semester 3

- ELC012 Electricity I
- MTCT312 Machine Tool Technology III
- MTCT317 Fluid Power II
- MTCT319 Millwright Mechanics III
- MTCT316 Technical Math III
- PSE445G Industrial Environment Awareness
- BPT390A Blueprint Reading & Drawing III

### Semester 4

- ELC023 Electricity IV
- MTCT412 Machine Tool Technology
- MTCT415 Fluid Power III
- MTCT418 Millwright Mechanics IV
- BPT490A Blueprint Reading & Drawing IV
- MGN117 Small Business Exploration

# Mechanical Engineering Technology - Automotive Product Design

**Windsor Campus (T826)**

## EMPLOYMENT OPPORTUNITIES

Graduates find excellent opportunities in product development, testing and analysis, computer aided design and drafting, material selection and estimating machine and system component design, technical sales and junior management positions in the energy, manufacturing, controls and alternative energy industries.

**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Lindita Prendi  
519-972-2727 ext. 5542  
lprendi@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)
- Senior level Physics (C) or (U).

Mature students see page 134 for details.

## PROGRAM OVERVIEW

Are you fascinated by the principles of how we take natural resources in order to harness their energy to make things run? Are you mechanically inclined or enjoy taking apart and building engines, turbines, and more? These concepts and their applications are part of Mechanical Engineering Technology - Automotive Product Design.

Mechanical Engineering is the study of the principals of physics for the purposes of harnessing energy for human consumption. This program provides you with the knowledge to conduct the analysis, design, manufacturing, and maintenance of mechanical systems.

It requires a solid understanding of core concepts including mechanics, kinematics, thermodynamics, fluid mechanics, and energy. Mechanical engineering technologists use the core principles as well as other knowledge in the field to design and analyze motor vehicles, aircraft, heating and cooling systems, watercraft, manufacturing plants, industrial equipment and machinery.

## PROGRAM HIGHLIGHTS

- State of the art training facility in the on-site Ford Centre for Excellence in Manufacturing.

## DEGREE COMPLETION

Graduates of this program with a minimum cumulative average of B, have opportunity for direct entry into the University of Windsor with credit transfer of up to 14 courses in the Bachelor of Applied Science in Mechanical Engineering (Automotive Engineering Option) or into the Bachelor of Engineering Technology program. Other opportunities exist with Lakehead University, Lawrence Technological Institute, and more. Those students wishing to pursue a degree in Engineering would take Linear Algebra, Advanced Calculus and Calculus B, in addition to the regular curriculum of this program. Additional course fees will apply. Please consult with the Program Chair for more information.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- CHM161A Intro to Chemistry I
- MET137 Mechanical Drafting
- MTH128 Technical Math I
- PHY168 Physics
- MET139 PCCAD
- MET181 Inspection Methods - CMM

### Semester 2

- MET202 PC CAD II - GD & T
- MET227 Applied Engineering I
- MET243 Analysis of Elec. Current
- MTH158 Geometry
- MTH203 Differential Calculus
- MET248 Manufacturing Processes & Workshop

### Semester 3

- MET328 CATIA I
- MET327 Applied Engineering II
- MET332 Driveline/Trans. Design I
- MET471 Fluid Power
- MTH404 Integral Calculus
- MET317 Metallurgy
- ELEC1030 General Education Elective

### Semester 4

- MET443 Suspension & Steering Design
- MET430 CATIA II
- MET439 Strength of Materials
- MET438 Fluid Mechanics
- MET448 Manufacturing Processes I
- ELEC1030 General Education Elective

### Semester 5

- MET510 Jig & Fixture Design
- MET529 Brake Design
- MET548 Engine Design I
- MET542 Mechanics of Mechanisms
- MET543 Mould Design
- MET521 Thermodynamics
- ELEC1030 General Education Elective

### Semester 6

- MET541 Heat Transfer
- MET648 Engine Design II
- MET637 Driveline/Trans. Design II
- MET623 Mechanics of Materials & Machines
- MET629 Machine Design
- MET658 Finite Element Analysis

**Credential:** Ontario College Diploma

**Program Length:** Delivered in less than 1 year

**Starts:** September and January

**Contact:** Bob Martyniuk  
(519) 972-2727 ext. 4790  
rmartyniuk@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Graduates find excellent job opportunities as CNC operators/programmers, CMM operators, CAD designers, quality control persons and apprentices in the manufacturing industries that support the aerospace, construction, consumer products, dental, forestry, mining and telecommunications sectors.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)

Mature students see page 134 for details.

## PROGRAM OVERVIEW

CAD/CAM mechanical technicians decide how a product is to be manufactured, what types of machines are to be used, and the machining sequence required to manufacture components to industrial standards. This program prepares graduates to become Computer Aided Manufacturing (CAM) specialists, Computerized Numerical Control (CNC) programmers, General Machinist/CNC, quality control persons or CMM operators in the mouldmaking, tool and die, jig and fixture, and machine tool manufacturing industries.

This program targets students who are critical thinkers and able to solve problems. They need mechanical aptitude with the ability to work independently, or as a member of a small team. Although CAM is the main focus of this program, a robust series of CAD courses is included to maximize the success of the student which offers them a competitive edge for employment.

## PROGRAM HIGHLIGHTS

- Offers advanced levels of training in the use of engineering workstations using fully integrated software.
- Exceptional on-site training centre in the Ford Centre for Excellence in Manufacturing.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$6,223.98

Safety shoes & glasses approximately \$150.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ELEC1030 General Education Elective
- CAM102 CNC Machining Practice I
- CAM105 CNC Machining Theory
- CAM307 CAD Modeling/PC CAD I
- MET406 Process Engineering I
- CAM103 Blueprint and Geometric Dimension & Tolerancing

### Semester 2

- CAM207 CAM 2 Advanced Machining Theory
- CAM310 CAM 1 Basic Machining
- CAM206 CAD Modeling II
- ELEC1030 General Education Elective
- CAM205 Advanced Inspection
- CAM201 Quality Processes

### Semester 3

- CAM305 CAM 2 Advanced Machining Practice
- CAM312 CAM - Project Manufacturing
- CAM404 CAM 3 Specialized Machining Theory
- CAM303 Manufacturing Trends
- CAM409 CNC Manufacturing Theory - Mould/Tool & Die
- PSE445G Industrial Environmental Awareness

### EMPLOYMENT OPPORTUNITIES

The newsrooms of today and into the future require journalists who are multi-skilled and able to deliver converged reporting across all media platforms – online, radio, TV and print. St. Clair College's Media Convergence graduate year provides participants with those skills which consequently makes them highly marketable in all newsrooms. We also teach converged newsroom management skills – including learning how to determine when a story can be used across all media platforms – giving students another level of employment opportunities. The backpack aspect of the program hones the convergence skills necessary to be a successful freelancer or e-lancer. Participants learn how to competently file stories to all media outlets, from anywhere in the world, working with a cell phone and/or laptop.

**Credential:** Ontario College Graduate Certificate

**Program Length:** One Year

**Starts:** September

**Contact:** Veronique Mandal  
519-972-2727 ext. 4292  
vmandal@stclaircollege.ca

### ADMISSION REQUIREMENTS

Diploma or degree in a related field from a recognized college or university OR demonstrated competence through related work. Mature students see page 134 for details.

### PROGRAM OVERVIEW

St. Clair College's Media Convergence program provides students with the multi-skilled tools they require to compete in the ever challenging field of journalism and communications. Students will produce TV shows, radio newscasts, a number of newspaper editions, and online products such as podcasts and blogs. Students will learn to become converged media journalists - able to work in any newsroom and in any situation. Completion of a capstone convergence production is a requirement for graduation.

### PROGRAM HIGHLIGHTS

- Gives graduates two semesters to polish their skills in a newsroom setting.
- Provides people working in the media an opportunity to develop converged reporting skills – working in radio, TV, print and online.
- Convergence management course provides leadership skills required in the running of converged newsrooms of the 21st century.
- Participants leave with a portfolio of cross platform products to demonstrate their marketable skills in writing, production, on-air and web journalism.
- The capstone project required for graduation is a culmination of all cross platform competencies – on-air, production, web and management - that showcase the multi-skill abilities acquired which will enhance employability in the workplace.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,488.75

In addition, students will require a Digital SLR camera with video capability, digital tape recorder with a USB connector, microphone and headphones.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- JRNC500 Storytelling I (News/Feature)
- JRNC502 Convergence Technology
- JRNC504 Digital Photojournalism
- JRNC506 Back Pack Lab I (Radio and TV)
- JRNC508 Back Pack Lab II (Print/Web)
- JRNC510 Capstone Convergence Production I

#### Semester 2

- JRNC600 Storytelling II (News/Feature)
- JRNC602 Performance (Radio/TV)
- JRNC604 Convergence Lab
- JRNC606 Convergence Management
- JRNC608 A.V. Podcasting
- JRNC610 Capstone Convergence Production II



**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Jan Maxwell  
519-972-2727 ext. 4442  
jmaxwell@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

A nationwide shortage of Medical Laboratory Technologists exists in Canada. Graduates are employed as medical technologists, research assistants, quality control technicians and laboratory technicians in hospitals, public and private medical laboratories, in clinical research and pharmaceutical laboratories, as well as in sales or technical assistance.

### IMPORTANT NOTE:

This is an **OVERSUBSCRIBED** program. Apply by Feb. 1st. For more info see p.134.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U
- Grade 12 Math (C) or (U)
- Senior Level Chemistry (C) or (U)
- Senior Level Physics (C) or (U)
- Senior Level Biology (C) or (U)

Mature students see page 134 for details.

### PRE-ADMISSION TESTING

The Health Occupations Aptitude Exam (HOAE) is required for entrance into this program. There is a fee associated with the test. Please check this program page on the college web site for fee amounts and details.

### PHYSICAL DEMANDS

Please see our web page (under Full-time programs) for information.

### SELECTION PROCEDURE

A score is determined for each applicant derived from the Pre-Admission Testing score and from required subjects for admission. Scores are then ranked by highest score and selection is made for the available positions and places on the waiting list.

### PROGRAM OVERVIEW

As an important member of the health care team, it is the Medical Laboratory Technologist who assesses the types of blood cells and microorganisms that cause disease, provides chemical analysis of blood and body fluids, performs the processing of tissue samples for microscopic evaluation, and determines the compatibility of blood for transfusion.

This program will appeal to students with a love and knowledge of sciences. They should have good manual dexterity, and must be able to work accurately and quickly under pressure with the ability to make decisions which directly affect the diagnosis and treatment of disease. It's also important to have a professional and caring attitude.

### PROGRAM HIGHLIGHTS

Accredited by the Canadian Medical Association, graduates are eligible to:

- Write the general certificate exams of the Canadian Society for Medical Laboratory Science.
- Apply to the College of Medical Laboratory Technologists of Ontario for a license to practice in Ontario clinical labs.

### DEGREE COMPLETION

Students who graduate with a GPA of 3.0 or greater may receive advanced standing in up to 17 credits out of the 30 required for a Bachelor of Science (General Science) degree at the University of Windsor.

### CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - The Police Clearance will be required for clinical placement (Semester 6).
  - Clinical placements may be located out of town. You are responsible for travel and accommodation costs.

### HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,237.50

Students may be placed in out-of-town sites for clinical internship and will be responsible for their accommodations. For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135. For textbook prices see the Bookstore website at [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- BIO147 Anatomy & Physiology I
- CHM161A Chemistry I
- MIC111 Computer Applications I
- LSW100G Literature: Short Exposition
- MDL106 Cellular Biology
- MDL102 General Lab. Knowledge
- MTH131 Algebra & Trigonometry
- MDL125 Interprofessional Care in Healthcare

### Semester 2

- BIO245 Human Anatomy & Phys. II
- CHM216A Chemistry II
- CHM222G Environmental Awareness
- CHM223A Organic Chemistry I
- MIC211 Computer Applications II
- MDL110 Med Lab Orientation Skills
- MDL206 Analytical Techniques
- MDL406 Applied Statistics

### Semester 3

- MDL303 Instrumental Techniques
- MDL306 Human A & P Lab
- MDL307 Intro to Clinical Laboratory
- MDL316 Clinical Immunology
- MDL317 Introductory Microbiology

### Semester 4

- LBS110G Communication Across Cultures
- MDL426A Clinical Microbiology A
- MDL427A Clinical Chemistry A
- MDL428A Hematology A
- MDL429A Transfusion Science A
- MDL435A Histotechnology & Histology A

### Semester 5

- MDL455 Ethics & Professionalism
- MDL420 Mycology & Parasitology
- MDL426B Clinical Microbiology B
- MDL427B Clinical Chemistry B

- MDL428B Hematology B
- MDL429B Transfusion Science B
- MDL435B Histotechnology & Histology B

### Semester 6

- MDL505 Clinical Chemistry Internship
- MDL519 Clinical Microbiology Internship
- MDL522 Hematology Internship
- MDL523 Histotechnology Internship
- MDL524 Clinical Work Experience
- MDL525 Transfusion Science Internship

### Semester 7

- MDL920 Haematology Review
- MDL921 Transfusion Science Review
- MDL922 Histotechnology Review
- MDL923 Clinical Microbiology Review
- MDL924 Clinical Chemistry Review

# Medical Laboratory Technician

**Windsor Campus (H299)**

## EMPLOYMENT OPPORTUNITIES

Diverse employment opportunities exist with hospital, private and public health laboratories, clinics, research labs, and commercial diagnostic supply companies. Lab technician, phlebotomist (responsible for taking blood samples), and clinic assistant are typical positions.

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September

**Contact:** Laurie Hart  
519-972-2727 ext. 4454  
lhart@stclaircollege.ca

### IMPORTANT NOTE:

This is an **OVERSUBSCRIBED** program. Apply by Feb. 1st. For more info see p.134.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U
- Grade 12 Math (C) or (U)
- Senior Level Chemistry (C) or (U)
- Senior Level Biology (C) or (U)

Mature students see page 134 for details.

### PHYSICAL DEMANDS

Specific physical demands are part of this program. Please see the program page on the college web site for details to ensure you meet this criteria to be successful in the program.

### PROGRAM OVERVIEW

Graduates of this program have the basic technical and theoretical skills required to work in healthcare laboratories, and assist the Medical Laboratory Technologist in various investigative and clinical laboratory procedures including sample collection and processing.

This program will appeal to students who have good organizational skills. They must also be excellent communicators with good interpersonal skills and a professional image.

### PROGRAM HIGHLIGHTS

- Accredited by the Canadian Medical Association, graduates are eligible to write the CSMLS MLA certification exam.

### CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.

### HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,687.08

CSMLS exam application and fee approx. \$250.00

Students may be placed at out-of-town sites for Semester 3. These students will be responsible for transportation, accommodation, and other related costs.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students, see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- BIO121 Human Biology
- MIT211A Computer Studies
- MDL707 Change and the Workplace
- MDL102 General Laboratory Knowledge
- MDL103 Orientation & Med Lab Skills
- MDL105A Basic Laboratory Calculations

### Semester 2

- ELEC1030 General Education Elective
- MDL202 Practical Clinical Chemistry
- MDL203 Practical Hematology
- MDL204 Practical Microbiology
- MDL205 Practical Histotechnology/Cytology
- MDL206A Specimen Collection

### Semester 3

- MDL335 Clinical Experience

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** William Stollar  
519-972-2727 ext. 5020  
wstollar@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

A wide range of opportunities exist for motive power technicians in the area of manufacturing production and design, service repair and retail parts. There is also job potential in automotive service, counter sales, research and development and quality control. Motive Power Technicians are excellent candidates for automotive service technician, truck and coach and heavy duty technician apprenticeship positions.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)
- Senior Level Physics (C) or (U) is recommended

Mature students see page 134 for details.

## PROGRAM OVERVIEW

Motive power technicians test and analyze systems and vehicles in accordance with manufacturers' recommendations and specifications. They perform field installations and calibrations of service equipment and assist in the design and assembly of prototype units for research and development.

This program will appeal to students with good math and computer skills. A mechanical aptitude is also helpful.

## PROGRAM HIGHLIGHTS

- Hands on training on state-of-the art equipment.
- In-house Chassis Dynamometer.
- In-house Engine Dynamometer.
- St. Clair College facilities are located in the centre of the North American Transportation Hub.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

Safety shoes and glasses approx. \$150.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students, see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- MPI255A Energy Service/Electrical/Electronic Fuel Systems I
- MPI119 Drive Train Standard Transmission I
- MPI156 Auto Safety and Engines
- MTH115A Applied Math
- MPI124 Vehicle Suspension, Steering & Brakes I

### Semester 2

- MPI358 Automotive Brakes
- MPI214 Engine Components & Service
- MPI255B Energy Service/Electrical/Electronic Fuel Systems II
- MPI219 Drive Train Automatic Transmission II
- PHY119 Physics

### Semester 3

- MPI355MP Mobile Hydraulic Systems
- MPI308 Electronics I
- MPI313 Fuels I
- MPI157 Welding I
- ELEC1030 General Education Elective
- PSE445G Industrial Environmental Awareness

### Semester 4

- MPI456 Engine Design & Construction
- MPI408 Electronics II
- MPI413 Fuels II
- ELEC1030 General Education Elective

### EMPLOYMENT OPPORTUNITIES

Graduates will find work as performers in professional theatres, on cruise ships, in dinner theatres, in theme parks, summer festivals and in commercial musical theatre productions as well as in film. Opportunities also exist in commercial voiceovers and studio recording.

**Credential:** Ontario College Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Katherine Kaszas  
519-972-2727 ext. 4184  
kkaszas@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level.

- Recommended: One of Dance, Dramatic Arts or Music (Grade 11 or 12 (U), (C), (M) or Open)

Mature students see page 134 for details.

### ADDITIONAL REQUIREMENTS

After your ontariocolleges.ca application has been processed, your acknowledgement letter will let you know that this program requires an audition. Assuming that you have met all other requirements of the performing arts program, you will need to do the following to be considered for the program.

There will be four components to the audition:

- Acting - one to two minute monologue from a contemporary/modern play, fully memorized.
- Singing – two contrasting songs from the musical theatre repertoire (one ballad and one up tempo). An accompanist on the piano will be provided.
- Dance ability will be assessed in a group situation; the Choreographer will conduct a group warm-up and teach a series of dance moves plus a combination.
- Musical understanding will be examined through a written test (those with RCM certificates are exempt), as well as an ear test (for everyone).

### PROGRAM OVERVIEW

For those who combine a passion for performance with demonstrated acting, singing, and dancing abilities, this intensive conservatory-style program is ideal. The programme has an extremely rigorous acting component, and graduates will have trained with professional instructors in a variety of styles and methods, both for stage and for film. Vocal music work includes technique, interpretation, with all solo work supported by one on one tutorials. An intensive dance curriculum includes ballet, jazz,

tap, hip hop and modern styles with a specific music theatre focus. Musicianship will be stressed through key-board instruction, sight singing instruction, choral work and elementary composition. All skills will be integrated through performance.

This program will appeal to students who have a passion for performing, are able to demonstrate their potential through an audition process, are ambitious and possess a strong work ethic. Students will be required to work with professional instructors in a highly disciplined environment.

### PROGRAM HIGHLIGHTS

- Performance opportunities in every semester, with the shows distinguished by high production values. Productions are presented in our 1200-seat Chrysler Theatre (Windsor) and Capitol Theatre (Chatham), in addition to a smaller intimate Studio setting.
- Professional Faculty active within the entertainment industry.
- When you apply to this program you are welcome to attend any of our performances which take place in December and April. Please contact Katherine Kaszas, Artistic Director at 519-972-2727 Ext. 4184 for details.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$5,260.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- PART111 Theatre History and Stagecraft
- PART112 Acting I
- PART117 Improvisation I
- PART119 Voice & Text I
- PART113 Dance I
- PART105 Vocal Technique I
- PART118 Vocal Interpretation & Perform. I
- PART129 Musical Theory I
- PART131 Ear Training I
- ELEC1030 General Education Elective

#### Semester 2

- PART211 Theatre History and Stagecraft 2
- PART214 Performance
- PART212 Acting II
- PART223 Dance II
- PART217 Movement for Actors I
- PART219 Voice & Text II
- PART225 Vocal Technique II
- PART218 Vocal Interpretation & Perform. II
- PART229 Musical Theory II
- PART231 Ear Training II

#### Semester 3

- PART305 Acting III
- PART306 Movement for Actors II
- PART319 Voice & Text III
- PART313 Dance III
- PART325 Vocal Technique III
- PART303 Vocal Interpretation & Perform. III
- PART320 Musical Theory III
- PART310 Ear Training III
- ELEC1030 General Education Elective

#### Semester 4

- PART414 Performance II
- PART404 Acting IV
- PART413 Dance IV
- PART401 Movement for Actors III
- PART402 Vocal Technique IV
- PART427 Vocal Interpretation & Perform. IV
- PART429 Musical Theory IV
- PART431 Ear Training IV
- PART410 History of Music Theatre

#### Semester 5

- PART504 Acting V
- PART501 Voice & Text IV
- PART514 Performance III
- PART503 Vocal Technique V
- PART527 Vocal Interpretation & Perform. V
- PART535 Vocal Interpretation & Perform. I
- PART513 Dance V
- PART529 Musical Theory V
- PART531 Ear Training V
- ELEC1030 General Education Elective

#### Semester 6

- PART602 Acting VI
- PART614 Performance IV
- PART625 Vocal Technique VI
- PART627 Vocal Interpretation & Perform. VI
- PART635 Vocal Workshop VI
- PART613 Dance VI
- PART631 Dance Performance
- PART629 Musical Theory VI
- PART633 Theatre Business

## First Nations Sites (K304)

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Rita Chiblow  
519-289-0777

# Native Community Worker Traditional Aboriginal Healing Methods

## EMPLOYMENT OPPORTUNITIES

Graduates are well prepared for positions in mental health services and social services, or as community health representatives, in native community settings, on or off reserves.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

This program emphasizes traditional healing methods and provides students with the unique opportunity to develop self-awareness and the mental and spiritual healing so often needed by care givers. An appreciation for native culture and the uniqueness of being a native person are combined with studies to develop specific knowledge and skills in the use of traditional healing methods in the counselling of Native people.

The program utilizes existing courses of study within the General Arts and Science program, as well as some which have been especially tailored for Aboriginal student's learning styles and need to explore their heritage. A special feature of the program is the College's support system for Native students, which includes the Aboriginal counselor.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,410.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- NST100 Native Literature
- NST102 Traditional Indian Health Practice
- NST106 Psychology of Native Peoples
- NST150 Introduction to Native Studies
- NST156G Rainbow of Peace
- ENG100P Oral Communication I

#### Semester 2

- NST200 Counselling Skills I
- NST202 Native Community Health Issues
- NST320 Native People & Child Welfare
- NST206 Native Identity Development
- NST157G The Sacred Path
- NST105 Aboriginal Languages

#### Semester 3

- NST205G Native Culture: Artistic Expression
- NST300 Counselling Skills II
- NST302 Ethnobotany
- NST306 Community Development
- NST304 Native People & the Law
- NST310 Alcohol & Drug Treatment
- NST321 Family Healing & Wellness

#### Semester 4

- NST400 Field/Work Experience

# Native Early Childhood Education Binoojiinyag Kinoomaadwin

## First Nations Sites (K951)

### EMPLOYMENT OPPORTUNITIES

Working as early childhood educators and child care workers, graduates are uniquely prepared to address the culturally-based and culturally specific needs of First Nations communities.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Rita Chiblow  
519-289-0777

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program.

Mature students see page 134 for details.

### PROGRAM OVERVIEW

Graduates will be rewarded by their direct work with young children and their families as a member of a multi-disciplinary team. The opportunity for career advancement, financial and job security are also attractive characteristics in the field of early childhood education.

### PROGRAM HIGHLIGHTS

- Graduates are eligible to participate in a Transfer Agreement in St. Clair's DSW and CYW programs.
- University graduates of Arts and Social Sciences will be granted credit towards this program - Please refer to ECE Accelerated.
- Graduates may be granted credit toward a Bachelor of Arts degree at Nipissing University or the University of Windsor.
- Graduates are eligible to apply for certification by the Association for Early Childhood Education Ontario.

### HEALTH REQUIREMENTS

Accepted applicants must submit proof of a satisfactory medical examination and immunization prior to entry into the program.

Please be advised that lack of documented immunizations may result in the restriction of clinical placement and therefore may delay and/or prevent completion of the prescribed program.

### FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,410.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.



### DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- FAW100 Foundations of Academic Writing
- NEC102 Child Growth and Development 1
- NEC104 Methods I: Role of the Teacher
- NST105 Aboriginal Languages
- NST150G Introduction to Native Studies
- ECE117 Introduction to Early Childhood Education
- SSC160 Basic Psychology

#### Semester 2

- COM200 Communications
- NEC202 Child Growth and Development II
- NEC204 Methods II: Curriculum Planning
- NEC205 Positive Relationships
- NEC200 Field Work I

#### Semester 3

- NEC304 Methods III: Advanced Applications
- NEC309 Exceptional Child
- NEC311 Infant and Toddler Care
- ECE303 Health, Nutrition and Safety
- NEC300 Field Work II
- NST306G Community Development

#### Semester 4

- ECE311 School Age Curriculum
- ECE411 Issues in Early Childhood Education
- NEC404 Methods IV: Program Management
- NEC408 Day Care in the Community
- NEC400 Field Work III
- NST205G Native Culture - Artistic Expression

## Windsor Campus (H850) Chatham Campus (K950)

## Nursing BScN

(Delivered in collaboration with the University of Windsor)

**Credential:** Bachelor of Science in Nursing (BScN)

**Length:** Four Years

**Starts:** September

**Contact:** Windsor - Waseem Habash  
519-972-2727 ext. 5090  
whabash@stclaircollege.ca

Chatham - Linda O'Halloran  
519-354-9714 ext. 3233  
lohalloran@stclaircollege.ca

### EMPLOYMENT OPPORTUNITIES

The current nursing shortage has resulted in numerous opportunities for graduates in a variety of health care settings: private homes, private practice, long-term care facilities, community health care agencies, hospitals and physicians' offices.

### CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester
  - Clinical placements may be on day, afternoon or weekend shifts **ANYWHERE** within Ontario.
  - You are responsible for travel and accommodation costs.

### HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$6,675.49 (Windsor)
	\$6,625.45 (Chatham)

Uniforms/Equipment Approx. \$250.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### IMPORTANT NOTE:

This is an **OVERSUBSCRIBED** program. Apply by February 1st to be considered for this program. For more information see page 134.

### ADMISSION REQUIREMENTS

OSSD with 6 Grade 12 (U) courses including Grade 12 English (ENG4U), Chemistry (SCH4U) and Biology (SBI4U) with an overall average of 70% or better (with a minimum of 70% in both Chemistry and Biology). Grade 12 (U) Math is recommended.

### PHYSICAL DEMANDS

Specific physical demands are part of this program. Please see the program page on the college web site for details to ensure you meet this criteria to be successful in the program.

### ADDITIONAL INFORMATION

The College of Nurses of Ontario Registration Regulations requires them to examine and possibly refuse/restrict registration of nurses with the following: Any convictions of a criminal offense or an offense under the Narcotic Control Act or the Food and Drug Act: A physical or mental condition/disorder that makes it desirable in the public interest that he/she not practice: Lack of Canadian citizenship, permanent residence or lack of authorization under the immigration act to practice nursing.

Applicants whose native language is not English **MUST** take an English Proficiency test - contact the College for details.

### PROGRAM OVERVIEW

The Nursing degree program is designed to prepare students to provide nursing care in a variety of settings. Graduates will work within the scope of nursing practice and in accordance with the regulations of the College of Nurses of Ontario. Once you have graduated you will be eligible to write the CNATS to achieve professional status of Registered Nurse in Canada.

### BACHELOR OF SCIENCE REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1 at St. Clair College

- NRS46115 Intro to Psychology
- NRS63171 Intro. To Nursing I
- NRS63172 Clinical Nursing Experience
- NRS63166 Health Assessment I
- NRS63175 Human Anatomy/Human Physiology

#### Semester 2 at St. Clair College

- NRS63173 Intro to Nursing II
- NRS63174 Clinical Nursing Experience
- NRS59191 Organic & Biological Chemistry
- NRS63176 Health Assessment II
- NRS63177 Human Anatomy/Human Physiology II

#### Semester 3 at St. Clair College

- NRS63271 Family Health
- NRS63272 Clinical Nursing Experience
- NRS63273 Nursing Care of Clients with Episodic & Long Term Needs
- NRS63279 Pharmacology in Nursing Practice
- NRS55237 Intro. Microbiology

#### Semester 4 at St. Clair College

- NRS63275 Family Health: Child Bearing
- NRS63274 Clinical Nursing Experience
- NRS63277 Nursing Care of Children
- NRS63278 Clinical Nursing Experience (Semester 4A)
- NRS55351 Medical Microbiology
- NRS65205 Statistics for Sciences **OR**  
NRS02250 Basic Quantitative Methods in Social Science
- NRS46116 Intro to Psychology as a Social Science

#### Semester 5 at the University of Windsor

- NRS63371 Families Experiencing Crisis
- NRS63372 Clinical Nursing Experience
- NRS63373 Nursing Care of Clients with Complex Health Problems
- NRS63377 Nursing Research
- NRS63391 Basic Human Nutrition

#### Semester 6 at the University of Windsor

- NRS63375 Nursing Care of Clients with Complex Health Problems II
- NRS63374 Clinical Nursing Experience
- NRS63471 Community as Client
- ELEC2030 Elective
- ELEC2030 Elective
- NRS63378 Clinical Nursing Experience

#### Semester 7 at the University of Windsor

- NRS63472 Clinical Nursing Experience **OR**  
NRS63476 Clinical Nursing Experience
- NRS63475 Health Issues & Prof. Account

#### Semester 8 at St. Clair College

- NRS63472 Clinical Nursing Experience Hospital
- NRS63476 Clinical Nursing Experience Community
- NRS63481 Transition to Professional Practice

# Occupational Therapist Assistant/ Physiotherapist Assistant

**Chatham Campus (K893)**

## EMPLOYMENT OPPORTUNITIES

As an OTA/PTA, you will work for such healthcare providers as hospitals, family health teams and community clinics, mental health facilities, long term care facilities such as Nursing Homes, Residential Care and Senior Assisted Living facilities, rehabilitation centres, and children treatment centres.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Philip Rance  
519-354-9714 ext. 3315  
prance@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English ENG4U, ENG4C, EAE4C or EAE4U
- Senior Level Biology (C) or (U)

Mature students see page 134 for details.

## PROGRAM OVERVIEW

Graduates will work under the supervision of a Physiotherapist and/or Occupational Therapist to assist in the implementation of plans and programs to enable a client's optimal performance, and help them effectively cope with their limitations in daily movement and activities. If you are the type of individual who welcomes a challenge and enjoys being with people of all ages, a career as an occupational therapist and/or physiotherapist assistant is a great career path to choose.

## PROGRAM HIGHLIGHTS

Utilization of innovative, current and integrated approaches to the role of the OTA/PTA assistant.

Clinical placements within a variety of work settings including hospitals, private clinics, and children's treatment centres.

## HEALTH REQUIREMENTS

- A satisfactory medical exam
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.
- First Aid
- CPR – BCLS level C/AED
- NIOSH N95 Respirator Fit Test
- Followed by – police record check

## FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance by mid September, you jeopardize the opportunity to complete either of your field placements.

Placements may be on day, afternoon, or weekend shifts anywhere within Chatham-Kent, Windsor-Essex, Lambton or Middlesex. Students are required to provide their own transportation to the clinical area. The College is not able to guarantee placements in Chatham or on a bus route.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$5,240.79

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at:  
[www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- OTP100 Anatomy and Physiology
- OTP105 Communication Skills for the OTA/PTA
- MIC111 Computer Applications I
- OTP110 Orientation to Rehabilitation
- OTP115 The Health Care System
- SSC240 Developmental Psychology
- ELEC1030 General Education Elective

### Semester 2

- OTP200 Functional Human Movement
- OTP205 Clinical Pathology for the OTA/PTA
- MIC211 Computer Applications II
- OTP210 Communications Disorders in Rehabilitation
- ELEC1030 General Education Elective
- OTP215 Gerontology
- OTP220 Field Experience I

### Semester 3

- OTP300 Therapeutic Skills - OTA I
- OTP305 Therapeutic Skills - PTA I
- OTP310 Psychiatric Disorders
- ELEC1030 General Education Elective
- OTP320 Field Experience II

### Semester 4

- OTP400 Therapeutic Skills - OTA II
- OTP405 Therapeutic Skills - PTA II
- OTP420 Field Experience III



**Credential:** Ontario College Diploma  
(Including Office Administration - General)

**Program Length:** Two Years

**Starts:** September

**Contact:** Ann Korenic  
519-972-2727 ext. 4532  
akorenic@stclaircollege.ca

### EMPLOYMENT OPPORTUNITIES

This program provides a solid foundation for employment as an office administrator, administrative assistant or office manager. Opportunities exist in a wide range of workplaces including government offices, corporations, financial institutions, schools/colleges/universities, accounting firms, real estate offices and insurance offices.

### ADMISSION REQUIREMENTS

Successful completion of the Office Administration - General program with a GPA of 2.0 or better. Mature students see page 134 for details.

### PROGRAM OVERVIEW

Graduates of this program have the skills to be executive level administrative assistants to top level managers in business or government. Skills include a high level of expertise in keyboarding and computer applications with some accounting. They will be able to do presentations and be well rounded in all office duties. With experience, they are also capable of being office managers providing leadership to other staff.

This program targets students with strong computer and keyboarding ability. They should enjoy working in a team environment and have strong social and communication skills.

### PROGRAM HIGHLIGHTS

- Cutting edge computer software for office applications.
- Students are required to successfully complete the first year of Office Administration – General prior to starting Office Administration – Executive.
- Internship in business or government offices and educational settings in the community.
- Curriculum includes Desktop Publishing, Web Page Design, Simply Accounting, Human Resource Management and World Cultures.
- Our programs accommodate students that are Deaf. In addition to classroom ASL/English interpretation, the information from Express Scribe machine transcription software, has been formatted to meet the needs of our Deaf population.

### FIELD PLACEMENTS

Field Placements are part of this program. Your placement could be in a financial institution, social service agency, legal office, police services, or a school setting (elementary, secondary or post secondary).

Some of our employers who provide our placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field setting. The record check **MUST** be obtained by the student and at the student's expense. Please check with your Program Coordinator early in your first semester to ensure the proper process is followed.

### DEGREE COMPLETION

Students who have successfully completed the 2-year OAE Diploma Program may continue their education towards a Bachelor of Commerce Degree with Davenport University or Walsh College. This may include an additional 2 years of study, at either of the respective campuses, or online.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,483.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- OAG170 Professional Computer Applications I
- OAG110 Language Fundamentals
- OAG125 Administrative Procedures
- OAG150 Administrative Documents I
- OAG160 Essential Business Calculations
- ELEC1030 General Education Elective

#### Semester 2

- ACC145 Accounting for the Office Assistant
- BUS108 Introduction to Canadian Business
- COM200 Communication in Today's Workplace
- OAG270 Professional Computer Applications II
- OAG230 Business Computing and the Internet
- OAG250 Administrative Documents II

#### Semester 3

- ACC108 Applied Accounting Workshop
- ENG100P Oral Presentations
- OAE380 Professional Office Simulations
- OAE350 Administrative Documents III
- OAE370 Professional Computer Applications III
- SSC110G World Cultures

#### Semester 4

- ELEC1030 General Education Elective
- OAE470 Professional Computer Applications IV
- OAE450 Administrative Documents IV
- OAE435 Desktop Publishing
- OAE455 Office Administration Internship
- MGN340 Human Resource Management

**Note: Semesters 1 and 2 of this program is the Office Administration - General Certificate**

# Office Administration - Executive [FAST TRACK]

**Chatham Campus (K231)**

## EMPLOYMENT OPPORTUNITIES

This program provides a solid foundation for employment as an office administrator, administrative assistant or office manager. Opportunities exist in a wide range of workplaces including government offices, corporations, financial institutions, schools/colleges/universities, accounting firms, real estate offices and insurance offices.

**Credential:** Ontario College Diploma

**Program Length:** Delivered in less than 1 year

**Starts:** September

**Contact:** Dr. Andrea Belanger  
519-354-9714 ext. 3804  
abelanger@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program.

Mature students see page 134 for details.

## PROGRAM OVERVIEW

Graduates of this program have the skills to be executive level administrative assistants to top level managers in business or government. Skills include a high level of expertise in keyboarding and computer applications with some accounting. They will be able to do presentations and be well rounded in all office duties. With experience, they are also capable of being office managers providing leadership to other staff.

This program targets students with strong computer and keyboarding ability. They should enjoy working in a team environment and have strong social and communication skills.

## PROGRAM HIGHLIGHTS

- Cutting edge computer software for office applications.
- Common first year for executive and medical programs.
- Internship in business or government offices in the community.
- Curriculum includes desktop publishing, web page design, Simply Accounting and Human Resource Management.

## FIELD PLACEMENTS

Field Placements are part of this program. Your placement could be in a financial institution, social service agency, legal office, police services, or a school setting (elementary, secondary or post secondary).

Some of our employers who provide our placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field setting. The record check **MUST** be obtained by the student and at the student's expense. Please check with your Program Coordinator early in your first semester to ensure the proper process is followed.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$6,068.98

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- OAG170 Professional Computer Applications I
- OAG110 Language Fundamentals
- OAG125 Administrative Procedures I
- OAG150 Administrative Documents I
- OAG160 Essential Business Calculations
- BUS108 Introduction to Canadian Business
- ELEC1030 General Education Elective
- SSC110G World Cultures

### Semester 2

- MGN340 Human Resource Management
- ACC145 Accounting for the Office Assistant
- COM200 Communication & Today's Workplace
- OAG270 Professional Computer Applications II
- OAG230 Business Computing & the Internet\*
- OAG250 Administrative Documents II\*
- OAE380 Professional Office Simulations\*\*
- OAE350 Administrative Documents III\*\*

### Semester 3

- ACC108 Applied Accounting Workshop\*
- ELEC1030 General Education Elective\*
- ENG110P Oral Presentations\*
- OAE370 Professional Computer Applications III\*
- OAE435 Desktop Publishing\*\*
- OAE470 Professional Computer Applications IV\*\*
- OAE450 Administrative Documents IV\*\*
- OAE455 Office Administration Internship\*\*

*\*Delivered in the first 7 weeks of the semester*

*\*\*Delivered in the second 7 weeks of the semester*

**Credential:** Ontario College Certificate**Program Length:** One Year**Starts:** September and January**Contact:** Ann Korenic  
519-972-2727 ext. 4532  
akorenic@stclaircollege.ca**EMPLOYMENT OPPORTUNITIES**

Most businesses, schools, government agencies, banks and non-profit organizations require clerical staff. Entry level positions include receptionist, bookkeeper, clerical assistant and data processing operator.

**ADMISSION REQUIREMENTS**

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

**PROGRAM OVERVIEW**

With the one year Office Administration program, graduates will be able to do a wide variety of office work and have a good understanding of Canadian business fundamentals including business writing. They will also have basic computer skills, keyboarding, editing and revising skills and understand administrative procedures.

This program targets students with good organizational skills, an interest in computers and research and the ability to follow directions. They should also have strong social skills and be comfortable in an office environment.

**PROGRAM HIGHLIGHTS**

- Cutting edge computer software for office applications including Microsoft Word, PowerPoint, Access, Excel, Outlook, Express Scribe Machine Transcription, and Keyboarding Pro-Deluxe.
- Common first year for executive and medical programs.
- Students graduate with an Ontario College Certificate after two semesters.
- Our programs accommodate students that are Deaf. In addition to classroom ASL/English interpretation, the information from Express Scribe machine transcription software, has been formatted to meet the needs of our Deaf population.

**YOUR INVESTMENT**

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,483.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

**CERTIFICATE REQUIREMENTS** Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)**Semester 1**

- OAG170 Professional Computer Applications I
- OAG110 Language Fundamentals
- OAG125 Administrative Procedures
- OAG150 Administrative Documents I
- OAG160 Essential Business Calculations
- ELEC1030 General Education Elective

**Semester 2**

- ACC145 Accounting for the Office Assistant
- BUS108 Introduction to Canadian Business
- COM200 Communication in Today's Workplace
- OAG270 Professional Computer Applications II
- OAG230 Business Computing and the Internet
- OAG250 Administrative Documents II

### EMPLOYMENT OPPORTUNITIES

Graduates have the skills and flexibility to find opportunities in a variety of entry level positions with law firms and in legal departments of corporations and government agencies. There are also openings in closely related fields including the courts, business/government offices and financial institutions. Positions include Legal Secretaries, Legal Assistants, Law Clerks, Mortgage Officers and Insurance Adjusters.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Melissa Pavlica  
519-972-2727 ext. 4785  
mpavlica@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

Graduates of this program are able to assist lawyers in private law offices and legal departments. Responsibilities of legal assistants may include drafting legal documents and correspondence, interviewing clients and witnesses, compiling evidence and documentation for trial, updating corporate minute books and filings, assisting lawyers in preparing and processing estate administration documents and attending to the closing of real estate and mortgage transactions.

This program will appeal to students with a strong literacy and communications background. They must also have excellent interpersonal skills and are organized and flexible. Legal Office Administrators must have the ability to pay attention to detail and work under pressure. The desire to constantly learn is essential in order to keep up with changes in the law.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- LEG120 Family Law I
- LEG140 Litigation
- LEG150 Legal Office Documentation I
- LEG160 Real Estate Law I
- LEG180 Career Development
- LEG170 Professional Computer Applications
- COM200 Communications

#### Semester 2

- LEG220 Family Law I
- LEG240 Litigation and Family Documents
- LEG250 Legal Office Documents II
- LEG260 Real Estate Law II
- LEG270 Advanced Computer Applications
- OAG160 Essential Business Calculations
- ELEC1030 General Education Elective

#### Semester 3

- LEG300 Law Library Research
- LEG301 Internship I
- LEG310 Real Estate Documents
- LEG320 Wills and Estates
- LEG330 Corporate Law
- LEG350 Administrative/Legal Transcription
- ELEC1030 General Education Elective

#### Semester 4

- LEG400 Legal Office Accounting and Procedures
- LEG401 Internship II
- LEG430 Corporate Documents
- LEG450 Advanced Legal Transcription
- BUS434 Supervisory Development
- ENG300W Written Communications
- SSC100G Ethnic and Minority Relations

**Credential:** Ontario College Diploma  
(includes Office Administration - General)

**Program Length:** Two Years

**Starts:** September

**Contact:** Cathy Mulawka  
519-972-2727 ext. 4048  
cmulawka@stclaircollege.ca

### EMPLOYMENT OPPORTUNITIES

Opportunities in the health care field are diverse and include physicians' offices, hospitals, laboratories, medical clinics, nursing homes, health insurance offices, public health offices and alternative health therapy offices.

### ADMISSION REQUIREMENTS

Successful completion of the Office Administration - General with a GPA of 2.0 or better.

Mature students see page 134 for details.

### PROGRAM OVERVIEW

Graduates of this program become members of a professional health care team. They are able to manage a medical office, book appointments, schedule and do charting. They will also have an understanding of OHIP billing and be able to transcribe medical letters and references for doctors. The medical office administrator also has a strong understanding of the Canadian health care system and knows medical office terminology and procedures.

This program targets students who have excellent interpersonal and critical thinking skills. Accuracy is important along with the ability to organize and prioritize. Students must be comfortable with the confidentiality needed in the field to conduct themselves in a professional manner. Students must also be considerate and work effectively in a multicultural environment.

### PROGRAM HIGHLIGHTS

- Internship in the final semester in a doctor's office, medical clinic, hospital or healthcare facility.
- Advanced computer software.
- Students are required to successfully complete the first year of Office Administration - General prior to starting Office Administration - Medical.

### FIELD PLACEMENTS

Some of our employers who provide our placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field setting. The record check **MUST** be obtained by the student and at the student's expense. If you are unable to obtain this police clearance please discuss this with the coordinator to ensure that proper arrangements can be made in advance for your placement.

Some of our employers who provide our placement settings also require up to date immunizations and a proof of a negative TB test. Should you be unable to acquire these, please discuss the matter in advance with the coordinator.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,483.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- OAG 170 Professional Computer Applications 1
- OAG 110 Language Fundamentals
- OAG 125 Administrative Procedures
- OAG 150 Administrative Documents 1
- OAG 160 Essential Business Calculations
- ELEC 1030 General Education Elective

#### Semester 2

- ACC 145 Accounting for the Office Assistant
- BUS 108 Introduction to Canadian Business
- COM 200 Communication in Today's Workplace
- OAG 270 Professional Computer Applications 2
- OAG 230 Business Computing and the Internet
- OAG 250 Administrative Documents 2

#### Semester 3

- LEG304 Fundamentals of Real Estate Law
- LEG305 Fundamentals of Family Law
- LEG306 Working in a Legal Environment I
- LEG307 Civil Litigation
- LEG308 Introduction to Corporate Law
- LEG 320 Wills & Estates
- ELEC 1030 General Education Elective

#### Semester 4

- LEG 430 Corporate Documents
- LEG410 Real Estate Documents
- LEG412 Field Placement
- LEG413 Litigation Documents
- LEG406 Working in a Legal Environment II
- BUS 434 Supervisory Development
- SSC 100G Ethnic & Minority Relations

**NOTE: Semesters 1 and 2 of this program is the Office Administration - General Certificate**

# Office Administration - Medical [FAST TRACK]

**Chatham Campus (K232)**

## EMPLOYMENT OPPORTUNITIES

Opportunities in the health care field are diverse and include physicians' offices, hospitals, laboratories, medical clinics, nursing homes, health insurance offices, public health offices and alternative health therapy offices.

**Credential:** Ontario College Diploma

**Program Length:** Delivered in less than 1 year

**Starts:** September

**Contact:** Dr. Andrea Belanger  
519-354-9714 ext. 3804  
abelanger@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

## PROGRAM OVERVIEW

Graduates of this program become members of a professional health care team. They are able to manage a medical office, book appointments, schedule and do charting. They will also have an understanding of OHIP billing and be able to transcribe medical letters and references for doctors. The medical office administrator also has a strong understanding of the Canadian health care system and knows medical office terminology and procedures.

This program targets students who have excellent interpersonal and critical thinking skills. Accuracy is important along with the ability to organize and prioritize. The student must be considerate and work effectively in a multicultural environment. Good communication skills, both written and oral are also important. Excellent keyboarding skills are an asset.

## PROGRAM HIGHLIGHTS

- FAST TRACK allows you to get your two year diploma in three semesters!
- Internship in the final semester in a doctor's office, medical clinic, hospital or healthcare facility.
- Advanced computer software.

## FIELD PLACEMENTS

Some of our employers who provide our placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the clinical setting. The record check **MUST** be obtained by the student and at the student's expense. If you are unable to obtain this police clearance please discuss this with the coordinator to ensure that proper arrangements can be made in advance for your placement.

Some of our employers who provide our placement settings also require up to date immunizations and a proof of a negative TB test. Should you be unable to acquire these, please discuss the matter in advance with the coordinator.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$6,068.98

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- OAG170 Professional Computer Applications I
- OAG110 Language Fundamentals
- OAG125 Administrative Procedures
- OAG150 Administrative Documents I
- OAG160 Essential Business Calculations
- BUS108 Intro. to Canadian Business
- HSC164 First Aid & CPR
- ELEC1030 General Education Elective
- ELEC1030 General Education Elective

### Semester 2

- ACC145 Accounting for the Office Assistant
- OAM312 Medical Terminology I
- COM200 Communication in Today's Workplace
- OAG270 Professional Computer Applications II
- OAG230 Business Computing and the Internet
- OAG250 Administrative Documents II
- OAM302 Medical Typing & Theory Techniques I
- OAM226 Medical Transcription I

### Semester 3

- OAM310 Medical Office Management & OHIP
- OAM305 Advanced Word Processing – MS Word & Excel
- OAM347G Transcultural Communication
- OAM402 Medical Typing & Theory Techniques II
- OAM426 Medical Transcription II
- OAM412 Medical Terminology II
- HSC167 Pharmacology
- OAM415 Internship

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Elizabeth Strutt-MacLeod  
519-972-2727 ext. 4415  
estruttmacleod@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Career opportunities include self-employment, law firms, legal departments of corporations, administrative tribunals and government agencies.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

## PROGRAM OVERVIEW

If you're looking for a rewarding career in the social justice arena, the new Paralegal program at St. Clair College will provide the necessary education, knowledge and skills to get you started.

A Paralegal provides legal services to clients within the permitted scope of practice. This includes representing clients in provincial offences court, which includes highway traffic offences, municipal by-law matters, liquor license cases, occupational health and safety issues, as well as civil litigation matters in small claims court. Paralegals may also appear in the Ontario Court of Justice representing clients charged with less serious criminal offences. Paralegals may represent clients in a broad range of tribunals such as the Workplace Safety and Insurance Appeals Tribunal, Human Rights Commission, and Landlord and Tenant Board, to name a few.

Paralegal is now a licensed profession with the Law Society of Upper Canada and St. Clair College's program will prepare students to meet this accreditation process.

Students applying to this program should have effective time-management skills, be detail-oriented, well-organized and able to work independently towards deadlines and under pressure. Students should have strong oral and written communication skills.

## PROGRAM HIGHLIGHTS

- Curriculum prepares students for licensing examinations administered by the Law Society of Upper Canada, which is mandatory for a practicing Paralegal in Ontario.
- The program is set-up in part as an office simulation and includes mock hearings and trials.

## FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance, you jeopardize the opportunity to complete your field placements. Checks are also required for clinics.

In the event of a shortage of placements or internship sites, you may be required to perform your placement or internship duties on off hours, which may include evenings and weekends.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- PLG105 Intro to Legal Communications & Paralegal Skills and Practice Mgt.
- PLG120 Introduction to the Legal System
- PLG130 Torts & Contracts
- PLG140 Administrative Law
- PLG155 Legal Research & Writing
- PLG160 Criminal Procedures
- PLG170 Landlord & Tenant
- COM200 Communications

### Semester 2

- PLG205 Paralegal Skills & Practice Management II
- PLG210 Legal Computer Applications
- PLG220 Small Claims Court

- PLG230 Evidence & The Litigation Process
- PLG260 Provincial Offences
- PLG275 Tribunal Practice & Procedure
- PLG290 Paralegal Clinic I

### Semester 3

- PLG305 Paralegal Skills & Practice Management III
- PLG310 Ethics & Rules of Professional Conduct
- PLG320 Legal Accounting
- PLG330 Alternative Dispute Resolution (ADR)
- PLG340 Employment Law
- PLG365 Advocacy
- PLG390 Paralegal Clinic II

### Semester 4

- ELEC1030 General Education Elective
- ELEC1031 General Education Elective
- ELEC1032 General Education Elective
- BRS200 Immigration Law
- PLG180 Critical Thinking, Reasoning & Persuasive Arguments

### Semester 5

- PLG 500 Field Placement

### EMPLOYMENT OPPORTUNITIES

Career opportunities include self-employment, law firms, legal departments of corporations, administrative tribunals and government agencies.

### ADMISSION REQUIREMENTS

Completion of a College Diploma or substantial completion of a University Degree.

### PROGRAM OVERVIEW

If you're looking for a rewarding career in the social justice arena, the new Paralegal program at St. Clair College will provide the necessary education, knowledge and skills to get you started.

A Paralegal provides legal services to clients within the permitted scope of practice. This includes representing clients in provincial offences court, which includes highway traffic offences, municipal by-law matters, liquor license cases, occupational health and safety issues, as well as civil litigation matters in small claims court. Paralegals may also appear in the Ontario Court of Justice representing clients charged with less serious criminal offences. Paralegals may represent clients in a broad range of tribunals such as the Workplace Safety and Insurance Appeals Tribunal, Human Rights Commission, and Landlord and Tenant Board, to name a few.

Paralegal is now a licensed profession with the Law Society of Upper Canada and St. Clair College's program will prepare students to meet this accreditation process.

Students applying to this program should have effective time-management skills, be detail-oriented, well-organized and able to work independently towards deadlines and under pressure. Students should have strong oral and written communication skills.

### PROGRAM HIGHLIGHTS

- Curriculum prepares students for licensing examinations administered by the Law Society of Upper Canada, which is mandatory for a practicing Paralegal in Ontario.
- The program is set-up in part as an office simulation and includes mock hearings and trials.

**Credential:** Ontario College Diploma

**Program Length:** Delivered in 15 months

**Starts:** September

**Contact:** Elizabeth Strutt-MacLeod  
519-972-2727 ext. 4415  
estruttmacleod@stclaircollege.ca

### FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense. If you are unable to obtain this police clearance, you jeopardize the opportunity to complete your field placements. Checks are also required for clinics.

In the event of a shortage of placements or internship sites, you may be required to perform your placement or internship duties on off hours, which may include evenings and weekends.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,486.48

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- PLG105 Intro to Legal Communications & Paralegal Skills and Practice Mgt.
- PLG110 Legal Communications
- PLG120 Introduction to the Legal System
- PLG130 Torts & Contracts
- PLG140 Administrative Law
- PLG155 Legal Research & Writing
- PLG160 Criminal Procedures
- PLG170 Landlord & Tenant
- PLG180 Critical Thinking, Reasoning & Persuasive Arguments

#### Semester 2

- PLG205 Paralegal Skills & Practice Management II
- PLG210 Legal Computer Applications
- PLG220 Small Claims Court
- PLG230 Evidence & The Litigation Process
- PLG260 Provincial Offences
- PLG275 Tribunal Practice & Procedure
- PLG290 Paralegal Clinic I
- BRS200 Immigration Law

#### Semester 3

- PLG500 Field Placement

#### Semester 4

- PLG305 Paralegal Skills & Practice Management III
- PLG310 Ethics & Rules of Professional Conduct
- PLG320 Legal Accounting
- PLG330 Alternative Dispute Resolution (ADR)
- PLG340 Employment Law
- PLG365 Advocacy
- PLG390 Paralegal Clinic II



## Windsor Campus (H840) Chatham Campus (K940)

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Windsor - John Lassaline  
519-972-2727 ext. 5613  
jlassaline@stclaircollege.ca

Chatham - Carolyn Ross  
519-354-9714 ext. 3249  
cross@stclaircollege.ca

**IMPORTANT NOTE:** This is an **OVERSUBSCRIBED** program. Apply by February 1st in order to be considered for this program. For more information please see page 134.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U with 60% or better
- Grade 12 Math (C) or (U) with 60% or better
- Senior Level Chemistry (C) or (U) with 60% or better
- Senior Level Biology (C) or (U) with 60% or better
- Valid Ontario Driver's License required

Mature students see page 134 for details.

### PHYSICAL DEMANDS

Please see our web site – Full Time programs for information.

### SELECTION PROCESS

Applicants who possess some of the following items may earn additional points in the selection process:

- Senior Level Physics
- CPR, First Aid, AED and other emergency training
- Emergency responder, fire service
- Post secondary education from individual courses to diplomas or degrees
- Instructor certifications in CPR, First Aid
- Work experience in health care agencies
- Class F driver's license

**The questionnaire is a mandatory requirement for consideration into this program. Only applicants who return the questionnaire will be considered for admission.**

### PROGRAM OVERVIEW

A paramedic is at the forefront of emergency health care services in times of accident or crisis. They provide cardio pulmonary resuscitation, defibrillation, cardiac monitoring, pulse oximetry, airway management, administration of life saving drugs, control of severe bleeding along with immobilization of spine, neck and bone injuries. This program will appeal to students who are able to work under extremely stressful situations. They must be critical thinkers, able to problem solve and multi-task. They must be strong and in good physical condition. They also need to be compassionate with a good attitude and a desire to serve the public. It's also important to be able to work well with others and be part of a team.

## EMPLOYMENT OPPORTUNITIES

Paramedics are employed by both public and private ambulance services. Graduates may also progress to the level of Advanced Care Paramedic and/or Flight Paramedic requiring additional education at various institutions throughout Ontario.

### PROGRAM HIGHLIGHTS

- Clinical hospital/ambulance field experience.
- Hands on training in well equipped labs and simulation suites
- Graduates are eligible to apply to write the Ontario Ministry of Health Advanced EMCA (Primary Care Paramedic) examination.

### EMPLOYMENT REQUIREMENTS

Requirements under the Ontario Ambulance Act and Criminal Code of Canada must be met to be employed as a Paramedic in Ontario. If you have concerns regarding possible traffic violations, criminal records, or medical conditions that may affect your potential employment, contact the program Coordinator. Applicants **MUST** possess a **VALID** Ontario Driver's license.

### CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester
  - Clinical placements may be on day, afternoon or weekend shifts **ANYWHERE** within Ontario.
  - You are responsible for travel and accommodation costs.

### HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,751.71 (Windsor) \$3,701.71 (Chatham)
Uniforms & Equipment approx.	\$700.00
Medical forms approx.	\$150.00
Provincial AEMCA Certification exam	\$250.00
Fitness testing	\$200.00
Class "F" Driver's License	\$85.00
Driver's License Medical approx.	\$75.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135. For textbook prices see the Bookstore website at [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- ELEC1030 General Education Elective
- PARA100 Patient Care Theory I
- PARA102 Patient Care Procedures I
- PARA104 Medical Legal Aspects
- PARA106 Anatomy & Physiology I
- PARA110 Physical Education I
- PARA112 Communication Emergency Health Worker I
- PARA207 Human Behaviour & Crisis Intervention

### Semester 2

- ELEC1030 General Education Elective
- PARA200 Patient Care Theory II
- PARA202 Patient Care Procedures II
- PARA204 Ambulance Operations
- PARA206 Anatomy & Physiology II
- PARA118 Pre-Hospital Pharmacology
- PARA213 Ambulance Field Experience I
- PARA210 Physical Education II

### Semester 3

- PARA300 Patient Care Theory III
- PARA302 Patient Care Procedures III
- PNR160G Ethics and Professionalism
- PARA305 Hospital Clinical
- PARA306 Advanced Skills Theory
- PARA308 Advanced Skills Procedures
- PARA313 Ambulance Field Experience II
- PARA312 Communication Emergency Health Worker II

### Semester 4

- PARA402 Paramedic Comprehensive Review
- PARA412 Ambulance Field Consolidation

# Personal Support Worker

**Windsor Campus (H932)**  
**Chatham Campus (K933)**

## EMPLOYMENT OPPORTUNITIES

There are excellent employment opportunities in nursing homes, with homecare agencies, in rest homes, retirement homes, community living and other government agencies. Some opportunities also exist in the non-profit sector including the Alzheimer Society. There is also the potential for employment in retail homecare services.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

## PHYSICAL DEMANDS

Please see our web site – Full Time programs for information.

## PROGRAM OVERVIEW

Personal Support Workers work with the frail, elderly, physically challenged, mothers and newborns, and persons with special needs in long term care facilities and/or in the community at large. Students will have the skills to use lift machines and the body mechanics to ensure clients are moved safely and effectively. Students will also learn the appropriate skills to provide emotional, social and spiritual supportive care for clients and their families.

This program will appeal to students with a genuine interest in caring for the elderly and physically challenged persons of any age. They need both patience and maturity as well as strong communication skills.

## PROGRAM HIGHLIGHTS

- Work placement.
- Two semester program.
- Practical “hands-on” training with new equipment on site.

## CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester
  - Clinical placements may be on day, afternoon or weekend shifts **ANYWHERE** within Ontario.
  - You are responsible for travel and accommodation costs.

**Credential:** Ontario College Certificate

**Program Length:** 30 Weeks (2 semesters)

**Starts:** September and January

**Contact:** Windsor  
Mary Power  
519-972-2727 ext. 4922  
mpower@stclaircollege.ca

Chatham  
Kim Bloxham-Jenkins  
519-354-9714 ext. 3724  
kbloxhamjenkins@stclaircollege.ca

## HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,503.75 (Windsor) \$3,453.75 (Chatham)
Uniforms, shoes, etc. approx.	\$300.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- PSW126 Professionalism & Skills Management
- PSW119 Health Promotion & Common Health Conditions
- PSW127 Health & Safety Promotion
- PSW128 Practicum 1 - Lab/Clinical
- PNR118G Cultural Diversity in Health Illness

### Semester 2

- PSW200 Mental Health & Dementia Studies
- PSW209 Family Studies & Community Care
- PSW203 Promoting Wellbeing, Comfort & Concepts of Palliative Care
- PSW211 Consolidation in Long Term Care (Pre-Grad)
- PSW212 Consolidation in Community (Pre-Grad)
- PSW213 Practicum 11 - Clinical

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Lori Weller  
519-972-2727 ext. 4604  
lweller@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Employment prospects are excellent for pharmacy technicians. Job opportunities exist in community and hospital pharmacies, with third party billing companies and with computer software vendors.

- Our graduates are eligible to write the national licensing exam to become a registered pharmacy technician.
- Our state of the art retail and hospital labs allow for real life simulation of pharmacy practice.
- Our students will complete a 4 week work placement in both a retail and hospital pharmacy.

## CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester
  - Clinical placements may be on day, afternoon or weekend shifts **ANYWHERE** within Ontario.
  - You are responsible for travel and accommodation costs.

## HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,638.36
Uniforms and equipment approx.	\$300.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4U or EAE4C
- Grade 12 Math (C) or (U)
- Senior Level Chemistry (C) or (U)
- Senior Level Biology (C) or (U)

Mature students see page 134 for details.

International students and students who present with foreign credentials, please visit the program page on the web site to learn about the Language Proficiency Requirements for the Pharmacy Technician Program.

## PHYSICAL DEMANDS

Specific physical demands are part of this program. Please see the program page on the college web site for details to ensure you meet this criteria to be successful in the program.

## PROGRAM OVERVIEW

The pharmacy technician will work in collaboration with registered pharmacists in retail and institutional settings, works with professional and other paramedical personnel, and performs a variety of functions related to the dispensing of prescriptions. Duties in a retail pharmacy include inventory control, filling prescriptions on the computer, counting and packaging. Pharmacy technicians also do third party billing. In a hospital or institutional setting they will work in collaboration with pharmacists and prepare intravenous solutions for patients.

This program will appeal to students who have a sense of responsibility and are extremely accurate in their work habits, paying attention to detail. They must also be able to work both independently or as a team member, with the ability to take initiative within the limits of their position. Good customer relations are also important.

## PROGRAM HIGHLIGHTS

- The Pharmacy Technician Program at St. Clair College has been awarded the status of Full Accreditation by the Canadian Council for Accreditation of Pharmacy Programs for a five year term 2012-2017.

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- LBS110G Communication Across Cultures
- OAD105 Keyboarding/Computer
- BIO121 Human Biology
- PRM109 Pharmaceutical Mathematics
- PRM133 Computer Lab Retail I
- PRM135 Pharmacy Practice Retail
- PRM128 Dispensing Lab Retail I

### Semester 2

- PRM215 Institutional Theory & Lab
- PRM217 Inventory Theory & Lab
- PRM 232 Pharmacology I
- PRM122 Pharmacy Products
- PRM226 Compounding Retail Theory & Lab
- PRM227 Computer Lab Retail II
- PRM230 Dispensing Lab Retail II

### Semester 3

- PRM451 Retail Placement
- ### Semester 4
- PRM303 Dispensing Lab Hospital I
  - PRM307 Pharmacy Practice Hospital I
  - PRM313 Sterile Theory
  - PRM416 Sterile Lab
  - PRM327 Computer Lab Hospital I
  - PRM315 Pharmacy Communications
  - PNR160G Ethics & Professionalism

### Semester 5

- PRM502 Dispensing Lab Hospital II
  - PRM410 Pharmacy Practice Hospital II
  - PRM326 Compounding Hospital Theory & Lab
  - PRM433 Computer Lab Hospital II
  - ELEC1030 General Education Elective
  - PRM331 Pharmacology II
- ### Semester 6
- PRM461 Hospital Placement

### EMPLOYMENT OPPORTUNITIES

Graduates are excellent candidates for job opportunities as plumbing, pipefitting, steam fitting, boiler maker and welding apprentices or entry level positions in plumbing wholesale or distribution.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 11 math (C) or (U)

Mature students see page 134 for details.

### PROGRAM OVERVIEW

The Plumbing Techniques program is designed to give the student an understanding of the theoretical and practical aspects of the plumbing trade and to familiarize them with the associated tools and materials.

The program also provides the student with a solid foundation to continue their education in the plumbing or pipefitting career paths either with further related study or in the pursuit of an apprenticeship.

### PROGRAM HIGHLIGHTS

- Delivered in the new Centre for Construction Innovation & Production.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees   \$3,483.75  
Safety shoes and glasses approximately       \$150.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

Please check the Plumbing Techniques program page on our web site for a Winter Start date for this program.

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September

**Contact:** Rob Chittim  
519-972-2727 ext. 4774  
[rchittim@stclaircollege.ca](mailto:rchittim@stclaircollege.ca)



### CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- PLB108 Plumbing Theory I
- PLB115 Plumbing Practical I
- PLB125 Plumbing Codes & Standards I
- PLB114 Plumbing Math
- PLB113 Plumbing Drafting

#### Semester 2

- PLB208 Plumbing Theory II
- PLB215 Plumbing Practical II
- PLB225 Plumbing Codes & Standards II
- PLB209 Plumbing Drafting & Blueprint
- PSE445G Industrial Environmental Awareness

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Wayne Beneteau  
519-972-2727 ext. 4487  
wbeneteau@stclaircollege.ca

### EMPLOYMENT OPPORTUNITIES

Graduates work in municipal, provincial and federal police services, in private security, and as special constables and campus police.

### ADMISSION REQUIREMENTS

Successful completion of two consecutive semesters of the Protection, Security and Investigation program with a GPA of 2.7 OR a Protection, Security and Investigation Diploma. Mature students see page 134 for details.

### PROGRAM OVERVIEW

This program presents the knowledge, fitness skills and aptitudes to prepare students for a career in law enforcement. The student will have a strong theoretical foundation on which to build communication, ethical and interpersonal skills. Graduates will know the fundamentals of police investigation techniques, police procedures and community policing.

This program will appeal to students who are community minded and are of good moral character. They must have good written and oral communication skills and be able to deal with stressful situations. Being physically fit is also important.

### PROGRAM HIGHLIGHTS

- Community placement for volunteer hours.
- Preparation for the Physical Readiness Evaluation for Police (PREP). This is an exit requirement of the program.

### HEALTH & FITNESS REQUIREMENTS

Applicants must be able to physically perform the duties of this position. To obtain a diploma in Police Foundations, successful applicants will be required to meet the minimum standards of the PREP. Any student seeking entry into this program should evaluate their physical readiness in anticipation of a rigorous fitness routine.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,341.10

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semesters 1 & 2 - See Protection, Security and Investigation program.

#### Semester 3

- PFP302 Criminal Code
- PFP303 Police Powers I
- PFP304 Interviewing & Investigations
- PFP305 Youth in Conflict with the Law
- PFP310 Traffic Management & Provincial Offences
- PFP308 Lifestyle & Fitness Management III
- PFP311 Community Policing & Community Service

#### Semester 4

- PFP110 Principles of Ethical & Professional Practices
- PFP402 Criminal Code & Federal Statute
- PFP409 Police Powers II
- PFP404 Investigations & Evidence
- PFP405 Conflict Management
- PFP418 Lifestyle & Fitness Management IV

### EMPLOYMENT OPPORTUNITIES

Graduates work in municipal, provincial and federal police services, in private security, and as special constables and campus police.

**Credential:** Ontario College Diploma

**Program Length:** Delivered in less than 1 year

**Starts:** September

**Contact:** Randy Hamelin  
519-354-9714 ext. 3289  
rhamelin@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program.

Mature students see page 134 for details.

### PROGRAM OVERVIEW

This program presents the knowledge, fitness skills and aptitudes to prepare students for a career in law enforcement. The student will have a strong theoretical foundation on which to build communication, ethical and interpersonal skills. Graduates will know the fundamentals of police investigation techniques, police procedures and community policing.

This program will appeal to students who are community minded and are of good moral character. They must have good written and oral communication skills and be able to deal with stressful situations. Being physically fit is also important.

### PROGRAM HIGHLIGHTS

- **FAST TRACK** allows you to get your two year diploma in 11 months!
- Preparation for the Physical Readiness Evaluation for Police (PREP). This is an exit requirement of the program.

### HEALTH REQUIREMENTS

Applicants must be able to physically perform the duties of this position. To obtain a diploma in Police Foundations, successful applicants will be required to meet the minimum standards of the PREP. Any student seeking entry into this program should evaluate their physical readiness in anticipation of a rigorous fitness routine.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$6,068.98

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- PFP204 Communications II
- PFP108 Lifestyle & Fitness Management
- PFP128G Contemporary Diversity Issues
- PFP101 Canadian Criminal Justice System
- PFP301 Criminal & Civil Law
- PFP305 Youth in Conflict with the Law
- GAS80A Applies Arts Math I
- PFP302 Criminal Code
- PFP104 Written Communications I

#### Semester 2

- PFP208 Lifestyle & Fitness Management II
- PFP404 Investigation & Evidence
- PFP402 Criminal Code & Federal Statute
- PFP310 Traffic Man. & Provincial Offences
- PFP201 Criminology
- PFP202 Interpersonal & Group Dynamics
- PFP203 Contemporary Social Problems
- PFP304 Interviewing & Investigation
- PFP303 Police Powers I
- PFP311 Community Policing & Community Services

#### Semester 3

- PFP405 Conflict Management
- PFP308 Lifestyle & Fitness Management III
- PFP409 Police Powers II
- PFP109 Political Science
- PFP418 Lifestyle & Fitness Management IV
- PFP110 Ethics & Professionalism
- SSC160 Basic Psychology
- ELEC1030 General Education Elective

## Windsor Campus (T941)

**Credential:** Ontario College Advanced Diploma  
**Program Length:** Delivered in less than 2 years  
**Starts:** September  
**Contact:** Eli DiCredico  
519-972-2727 ext. 4464  
edicredico@stclaircollege.ca

# Power Engineering Technology - Mechanical [FAST TRACK]

## EMPLOYMENT OPPORTUNITIES

Excellent job opportunities as 4th class engineers, maintenance technicians and plant operators in a wide range of facilities including electrical power generation plants, light and heavy industry, refineries, schools, hospitals, commercial buildings and municipal water and waste water treatment plants.

Entry level positions include 4th class power (operating) technologists, "Operator-In-Training" for water or wastewater treatment plants and possibility to advance to 3rd class power (operating) engineer certification within a short time period.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 Math (C) or (U)
- Senior Level Physics (C) or (U)

Mature students see page 134 for details.

## PROGRAM OVERVIEW

Power Engineering Technologists are highly trained and specialized people who operate and maintain the energy components of power plants, industries, commercial and large residential buildings, hospitals and schools. The technologist's work involves monitoring, adjusting, analyzing and solving problems with power boilers, compressors, refrigeration chillers, pumps and other related equipment. They may also assist Mechanical Engineers in the planning and design of power plant systems and operations.

Day to day responsibilities can include conducting visual inspections and tests to ensure safety and optimum performance, ensuring that provincial and federal regulations are adhered to, and being available to respond to emergency situations. From an energy management perspective, Technologists investigate opportunities to save energy/fuel costs and the implementation of modern innovative technologies to achieve these savings in a safe and sustainable manner is vital.

## PROGRAM HIGHLIGHTS

- This program is a "fast track" program which means you will earn an Ontario College Advanced Diploma in 21 months.
- At the forefront of offering preparation towards Certification for 3rd Class Operating Engineers under T.S.S.A. (Technical Standards and Safety Authority) and the SOPEEC (Standardized Interprovincial certification).
- The Power Engineering Technology - Mechanical program is accredited by TSSA for reduced practical time for 4th class certification. Students have the option of finding a work placement anywhere in Ontario during the summer between 3rd and 4th semesters. Students should research available qualified employers (a list of employers that traditionally provide work placement will be available to the student). Complete information regarding work placement is available from the Coordinator.
- Certified Engineering Technologist designation agreement with OACETT (Ontario Association of Certified Engineering Technologists and Technicians) is possible.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,848.23

Tools, personal protective equipment approx. \$250.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- PSE115 Mechanical Drawing & Engineering
- MTH128 Technical Math
- PHY163 Physics
- CHM161A Intro. Chemistry I (Lecture)
- CHM161B Intro. Chemistry I (Lab)
- MET145 Computer Apps for Engineering
- PSE155 Facilities Maintenance I
- PSE815 Industrial Legislation & Safety

### Semester 2

- MET227 Applied Engineering I
- ELEC1030 General Education Elective
- MTH158 Geometry
- PSE822 High Pressure Boilers
- PSE835 Feed Water Chemistry & Treatment
- PSE841 Gas Steam Turbines
- PSE845 Absorption Sys. & Gas Compression
- PSE855 Computers, Controls & Instrumentation
- MET280 Metallurgy & Welding

### Semester 3

- MET341 Applied Engineering II
- MTH203 Differential Calculus
- PSE324 Plant Maintenance & Environmental Impact

### Semester 4

- MET439 Strength of Materials
- MET521 Thermodynamics
- MTH404 Integral Calculus
- ELEC1030 General Education Elective
- PSE410 Ind. Safety & Code Calculations
- PSE412 Fuels & Combustion Technology
- PSE415 Electro. Technology & Controls
- PSE711A Energy Management

### Semester 5

- MET617 Fluid Mechanics
- PSE505 Steam Gen. & Plant Auxiliaries
- PSE507 Co-Generation Power Plant Dev't.
- PSE510 Steam Turb. & Diesel Technology
- PSE512 Ind. Refrigeration & Air Compression
- PSE606 Gas Turbine Technology
- PSE712A Energy Management II
- ELEC1030 General Education Elective

### Semester 6

- MET541 Heat Transfer
- PSE604 Electro Technology
- PSE605 Capstone Project (2nd Class)

# Powerline Technician

Chatham Campus (K766)

## EMPLOYMENT OPPORTUNITIES

Graduates of the Powerline Technician Program find employment with electric power companies, public municipal utility companies, electrical construction firms and contractors, equipment suppliers, and heavy engineering and construction firms.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Heather Greene  
519-354-9714 ext. 3982  
hgreene@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English (C), (U), or (M)
- Grade 12 Math (C), (U) or (M) (MCT4C is highly recommended)

It is highly recommended that applicants successfully complete Grade 12 Physics (C) or (U) to be successful in this program.

Mature students see page 134 for details.

## PROGRAM OVERVIEW

The new Powerline Technician program is a two year diploma that prepares students for a career in power distribution. It will provide in depth knowledge and skills that will allow students to understand the installation, operation and maintenance of the distribution system.

Some of the principles taught will be electricity fundamentals and transformer theory, with reference to the distribution standards. In addition there is an introduction to the design of distribution systems, and CAD design.

The skills required for operation of boom equipped vehicles, powerline rigging, and fall protection will be taught, with an emphasis on safety.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$5,444.76

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- BDT100G Environmental Awareness
- ELT101 Electricity Fundamentals I (DC/AC Circuits)
- MTH134 Math for Construction I
- PLT110 Powerline Trade Awareness & Safety
- PLT111 Climbing & Pole Framing Techniques

### Semester 2

- ELEC1030 General Education Elective
- EET144 Introduction to Computer Aided Design
- COM210 Introduction to Technical Communication
- ELT201 Electricity Fundamentals II (AC Circuits)
- PLT210 Safety & Vehicle Operation
- PLT211 Single Phase Pole Line Construction

### Semester 3

- ELT 304 Powerline Transmission & Distribution
- ELEC1030 General Education Elective
- ELT402 Transformer Theory
- PLT303 Reclosures & Protective Equipment
- PLT310 Pole Line Construction Theory
- PLT311 Three Phase Pole Line Construction

### Semester 4

- PLT421 Distribution Line Design
- PLT422 Voltage Transformer and Regulation
- PLT410 Underground, Transformer Bank & Street Light Theory
- PLT411 Transformer Bank and Street Light Installation
- PLT412 Underground System Construction



## Windsor Campus (H863) Chatham Campus (K963)

# Practical Nursing

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Windsor - Kim Smallhorn  
519-972-2727 ext. 4893  
ksmallhorn@stclaircollege.ca

Chatham- Heather DeWagner  
519-354-9714 ext. 3286  
hdewagner@stclaircollege.ca

**For inquiries related to the admission process contact:**

Brenda Robinson  
519-972-2727, ext. 4641  
brobinson@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Graduates are well prepared for positions in a variety of settings including private homes, private practice, long-term care facilities, community health care agencies, hospitals and physicians' offices and clinics.

### PROGRAM HIGHLIGHTS

- Ten week preceptorship in hospital and community, working with a graduate RPN.
- Hands on training in well equipped labs and simulation suites
- Field experience in diverse settings including hospitals, rest homes, retirement homes and health care agencies.

### CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester
  - Clinical placements may be on day, afternoon or weekend shifts **ANYWHERE** within Ontario.
  - You are responsible for travel and accommodation costs.

### HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$4,900.65 (Windsor)
	\$4,850.65 (Chatham)

Uniforms and equipment approx. \$600.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### IMPORTANT NOTE:

This is an **OVERSUBSCRIBED** program. Apply by February 1st in order to be considered for this program. For more information see page 134.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U
- Grade 12 Math (C) or (U)
- Senior Level Chemistry (C) or (U)
- Senior Level Biology (C) or (U)

Mature students see page 134 for details.

### PHYSICAL DEMANDS

Please see our web site – Full Time programs for information.

### ENGLISH LANGUAGE PROFICIENCY

The College of Nurses of Ontario requires fluency in written and spoken English.

### PROGRAM OVERVIEW

This program prepares the graduate for certification as a Registered Practical Nurse (RPN). As an RPN graduates will function as a member of the health care team in acute care settings such as hospitals, long-term care settings such as nursing homes, and community based settings such as home care and clinics. They can administer medications, perform nursing assessments, and conduct patient teaching and instruction. In certain settings they may be responsible for administration, and in some cases a Registered Practical Nurse will supervise the work of others, including personal support workers.

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- BIO161 Anatomy, Physiology & Pathology I
- BIO162 Anatomy, Physiology & Pathology II
- PNR120 Nursing Theory I
- PNR125 Nursing Clinical I
- PNR118G Cultural Diversity in Health and Illness

### Semester 2

- PNR217 Pharmacology & Therapeutics
- PNR218 Health Assessment (2 + 1 lab)
- PNR220 Nursing Theory IIA
- PNR221 Nursing Theory IIB
- PNR225 Nursing Clinical II

### Semester 3

- PNR308 Nursing Theory IIIA
- PNR309 Nursing Theory IIIB
- PNR310 Community Health
- PNR311 Nursing Clinical IIIA
- PNR312 Nursing Clinical IIIB
- PNR160G Ethics and Professionalism
- ELEC1030 General Education Elective

### Semester 4

- PNR415 Management Leadership & Research
- PNR408 Nursing Theory IV A
- PNR409 Nursing Theory IV B
- PNR411 Nursing Clinical IV

### Semester 5

- PNR511 Pre-Graduate Clinical A
- PNR512 Pre-Graduate Clinical B

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

This one year certificate will help you gain the admission requirements to apply to health sciences programs at both the Windsor and Chatham campuses: Dental Assisting, Dental Hygiene, Medical Laboratory Technician, Paramedic, Pharmacy Technician, Practical Nursing and Veterinary Technician.

**Note:** A number of St. Clair College programs have additional specific admission/selection criteria that must be achieved prior to acceptance. For details on program specific admission/selection criteria, please see the appropriate program page on the web and speak with the Program Coordinator.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,483.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September and January

**Contact:** Cheryl Yako  
519-972-2727 ext. 4384  
[cyako@stclaircollege.ca](mailto:cyako@stclaircollege.ca)



### CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- ENG107 College Writing
- GAS11 Biology I
- GAS11A Preparatory Chemistry I
- GAS83 Pre-Technical Math
- MIC111 Computer Applications I
- ELEC1030 General Education Elective

#### Semester 2

- COM200 Communications
- GAS21 Biology II
- GAS21A Preparatory Chemistry II
- GAS90A Pre-H.S. Math II
- MIC211 Computer Applications II
- ELEC1030 General Education Elective



# NEW! Pre-Service Firefighter Education and Training

**Windsor Campus (T876)**

## EMPLOYMENT OPPORTUNITIES

Successful graduates may find employment opportunities in a variety of areas such as Professional Firefighting, Fire Inspection, Fire Prevention and Public Education, Private Fire Service, Ministry of Natural Resources or Volunteer Firefighter.

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September

**Contact:** Robert Chittim  
519-972-2727 ext. 4774  
rchittim@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English (ENG4U, ENG4C, EAE4C, or EAE4U)
- Grade 12 Mathematics (MCT4C, MAP4C, MHF4U, or MCV4U)
- Senior level Biology (C) or (U)
- Senior level Chemistry (C) or (U)

Mature students see page 134 for details.

## PROGRAM OVERVIEW

The Ontario Certificate program provides students with the knowledge and skills in scientific principles of Education and Fire Prevention in the Community, Fire Behaviour, Fire Ground Operations, Firefighter Emergency Patient Care, Environmental Protection and Rescue Operations as well as Introduction to the Fire Service.

Upon successful completion of the program, graduates will be eligible to undertake provincial testing to meet the requirements of the Office of the Fire Marshal. After being employed in the industry, and after a time period deemed appropriate by the chief, firefighters may apply to the Ontario Fire College to receive the OFC Certificate of Achievement.

The Ontario Association of Fire Chiefs (O AFC) through the Endorsement Review Board (ERB) endorses the program content of the Pre-Service Firefighter Education and Training Program. This curriculum is based on the Ontario Fire Marshal's "Ontario Standardized Curriculum for Firefighters (2008)" which meets the body of knowledge and practical skills required to meet the job-related performance objectives specified in the Ontario Fire Services Firefighter Standards. Graduates of the Pre-Service Firefighter Education and Training Program are eligible to write the OFM Provincial Firefighter Test.

**This is an approved, Ontario College Certificate, and as such students may qualify for financial assistance including OSAP.**

## EMPLOYMENT REQUIREMENTS

Students will require the following prior to the Pre-Graduate Experience. Students may choose to complete these requirements prior to the start of the program.

- Target Responder level C CPR and a Standard First Aid Certificate
- Ability to meet a bona fide job physical fitness test
- No conviction for a criminal offence for which a pardon has not been granted
- Ability to communicate in English, both written and verbal
- There will be a mandatory orientation session for all students prior to the start of the program

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$10,399.97
Uniforms, Equipment, Safety Boots	\$800.00
Certification fees	\$100.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## CERTIFICATE REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- PSF101 Emergency Patient Care for Firefighters
- PSF103 Professional Communications
- PSF104 Introduction to Fire and Fire Service
- PSF111 Salvage and Scene Assessment
- PSF112 Incident Management System
- PSF113 Firefighting and Apparatus
- ELEC1030 General Education Elective

### Semester 2

- PSF200 Vehicle Extrication and Rescue Operations
- PSF201 Environmental Protection and Rescue Opps
- PSF202 Rescue Operations
- PSF203 Community And Fire Prevention
- PSF212 Fire Suppression
- PSF213 Physical Fitness and Personal Health
- ELEC1030 General Education Elective

### Semester 3

- PSF301 Pre-Graduate Experience

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September and January

**Contact:** Jeff McGuire  
519-972-2727 ext. 4610  
jmcguire@stclaircollege.ca

Please note that a number of St. Clair College programs have additional specific admission/selection criteria that must be achieved prior to acceptance. For details on program specific admission/selection criteria, please see appropriate program pages on the web and speak with the Program Coordinator identified.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,483.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program. Mature students see page 134 for details.

### PROGRAM OVERVIEW

Pre-Technology is designed to give students the basics necessary to apply to and excel in a number of St. Clair College programs including:

#### ENGINEERING TECHNOLOGY

- Architectural Technology
- Biomedical Engineering Technology - Equipment and Devices
- Chemical Laboratory Technology
- Civil Engineering Technology
- Construction Engineering Technician - Civil
- Electromechanical Engineering Technician - Robotics
- Electronics Engineering Technology - Industrial Automation
- Energy Systems Design Technology
- Entertainment Technology
- Mechanical Engineering Technology - Automotive Product Design
- Power Engineering Technology - Mechanical (Fast Track)
- Powerline Technician
- Sustainable Energy Technician

#### HEALTH SCIENCES

- Cardiovascular Technology
- Diagnostic Medical Sonography
- Medical Laboratory Science
- Respiratory Therapy

#### SKILLED TRADES

- Heating Refrigeration & Air Conditioning
- Mechanical Engineering Technician - Industrial
- Mechanical Technician - CAD/CAM (Fast Track)
- Motive Power Technician

### CERTIFICATE REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- GAS83 Pre-Tech Math I
- GAS11A Prep Chemistry I
- PHY35 Prep Physics I
- COM210 Intro to Technical Communications

**Choose one of the following two options:**

- GAS27 Career Exploration for Technology
- GAS11\* Biology I

#### Semester 2

- PHY45 Preparatory Physics II
- MTH55 Pre-Tech Math II
- ELEC1030 General Education Elective
- GAS21A Preparatory Chemistry II
- MIC125 Windows Computer Applications

**Choose one of the following two options:**

- GAS93 Introductory Statistics
- GAS21\* Biology II

\*Students who are looking for entry into the Health Science programs MUST elect to take GAS11 in order to have the necessary admission requirements for those programs. GAS21 is also highly recommended.

### EMPLOYMENT OPPORTUNITIES

Job opportunities are very good and continue to grow with security related positions increasing in the gaming industry and in the corporate and retail sector. Entry level positions are also available in corrections, customs operations, private investigation, bylaw enforcement and the armed forces.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Wayne Beneteau  
519-972-2727 ext. 4487  
wbeneteau@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4C or EAE4U

Mature students see page 134 for details.

### PROGRAM OVERVIEW

This program provides general training for work in the various areas of private security, Canadian Border Services, Immigration, federal and provincial correctional services, by-law enforcement, Ministry of Transportation Enforcement Officers, Military Policing as well as other areas of policing.

This program will appeal to students who are self disciplined, with a high moral character. They must have good written and oral communication skills and the ability to analyze and apply legal principles. Students must also be willing to work in diverse communities and have good health and fitness.

### HEALTH REQUIREMENTS

Students will be required to complete 2 physical fitness courses (PFP108-Lifestyle & Management I and PFP208 - Lifestyle & Management II) which require the applicant to assess their ability to participate.

### CRITERIA

Because all law enforcement agencies have designated hiring criteria (that may include physical and medical restrictions) prospective students are expected to investigate the specific qualifications to determine their eligibility for potential employment. Students should be aware that persons with a criminal record might be precluded from employment within these areas.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- PFP101 Canadian Criminal Justice System
- PFP108 Lifestyle & Management I
- PFP109 Political Science
- GAS80A Pre-Health Science/Applies Arts Math I
- SSC121G Celebrating Cultural Diversity
- SSC160 Basic Psychology
- SSC177G Society & Me
- PFP104 Written Communications I

#### Semester 2

- PFP201 Criminology
- PFP202 Interpersonal & Group Dynamics
- PFP203 Contemporary Social Problems

- PFP204 Communications II
- PFP208 Lifestyle Management II
- PFP301 Criminal & Civil Law
- ELEC1030 General Education Elective

#### Semester 3

- LSA310 Customs
- MIC111 Computer Applications I
- PFP302 Criminal Code
- PFP304 Interviewing and Investigations
- LSA311 Private Investigator Training

#### Semester 4

- LSA420 Law Enforcement Placement and Strategies
- LSA425 Corrections

- MIC211 Computer Applications II
- PFP110 Ethics & Professional Practices
- PFP404 Investigation & Evidence
- PFP405 Conflict Management
- LSA411 Security Guard Training

**Credential:** Ontario College Diploma  
**Program Length:** Delivered in less than 1 year  
**Starts:** September  
**Contact:** Randy Hamelin  
 519-354-9714 ext. 3289  
 rhamelin@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Job opportunities are very good and continue to grow with security related positions increasing in the gaming industry and in the corporate and retail sector. Entry level positions are also available in corrections, customs operations, private investigation, bylaw enforcement and the armed forces.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4U or EAE4C

Mature students see page 134 for details.

## PROGRAM OVERVIEW

This program provides general training for work in the various areas of private security, Canadian Border Services, Immigration, federal and provincial correctional services, by-law enforcement, Ministry of Transportation Enforcement Officers, Military Policing as well as other areas of policing.

This program will appeal to students who are self disciplined, with a high moral character. They must have good written and oral communication skills and the ability to analyze and apply legal principles. Students must also be willing to work in diverse communities and have good health and fitness.

## HEALTH REQUIREMENTS

Students will be required to complete 2 physical fitness courses (PFP108-Lifestyle & Management I and PFP208 - Lifestyle & Management II) which require the applicant to assess their ability to participate.

## CRITERIA

Because all law enforcement agencies have designated hiring criteria (that may include physical and medical restrictions) prospective students are expected to investigate the specific qualifications to determine their eligibility for potential employment. Students should be aware that persons with a criminal record might be precluded from employment within these areas.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$6,068.98

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- PFP128G Contemporary Diversity Issues
- GAS80A Pre Health Science/Applied Arts Math I
- PFP101 Canadian Criminal Justice System
- PFP108 Lifestyle & Management I
- PFP204 Communications II
- PFP302 Criminal Code
- PFP301 Criminal & Civil Law
- MIC111 Computer Applications I
- SSC164G Introduction to Sociology

### Semester 2

- PFP201 Criminology
- PFP202 Interpersonal & Group Dynamics
- PFP203 Contemporary Social Problems
- PFP208 Lifestyle & Management II
- LSA311 Private Investigator Training
- PFP404 Investigators & Evidence
- LSA310 Border Services (Customs)
- PFP304 Interviewing & Investigations

### Semester 3

- SSC160G Basic Psychology
- LSA420 Law Enforcement And Placement Strategies
- LSA425 Corrections
- PFP405 Conflict Management
- MIC211 Computer Applications II
- PFP110 Principles of Ethical & Professional Practices
- ELEC1030 General Education Elective
- LSA411 Security Guard Training
- PFP109 Political Science

### EMPLOYMENT OPPORTUNITIES

The public relations specialist will be employable in a wide variety of industries including government, private business, not-for profit agencies, hospitals, educational institutions, political parties and media.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Veronique Mandal  
519-972-2727 ext. 4292  
vmandal@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English (C) or (U)

Mature students see page 134 for details.

### PROGRAM OVERVIEW

This two year program will prepare students to enter the professional world of public relations. The knowledge and skills that will be covered include writing for presentations, newspapers, development of internal and external corporate communications plans, event planning, sponsorships development, crisis response, marketing, advertising and working with media. Graduates will be expected to hone their skills in the following areas:

- Select and utilize current and emerging information technologies to support the public relations function.
- Develop and execute communication strategies and public relations plans, write and produce clear, targeted communication materials and publications.
- Develop, coordinate and participate in the delivery of a variety of presentations.
- Work and communicate in a manner consistent with professional ethics, practice, standards and relevant law.
- Establish and maintain professional relationships with internal external publics.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,465.75

Students will require a Digital SLR camera with video capability.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- PBR101 Computer Skills I
- PBR102 Visual Design with Computers
- PBR103 Introduction to Public Relations Writing
- PBR104 Introduction to Public Relations
- PBR105 Explorations in Mass Communications
- ELEC1030 General Education Elective

#### Semester 2

- PBR201 Computer Skills 2
- PBR202 Multi Media Convergence
- PBR203 Writing for Newspapers and Features
- PBR204 Media Relations
- ECE205G Anti-Oppression in Canadian Society
- PBR206 Introduction to Marketing
- PBR207 Public Relations Research Skills

#### Semester 3

- PBR300 Applied Internship
- PBR301 Entrepreneurship & Business Practices
- PBR302 Writing for Corporate Communications
- PBR303 Organizational Communications
- PBR304 Event Planning and Sponsorship
- PBR305 Fundraising & Donor Relations
- BUS600 Mediation and Conflict Resolution
- PBR306 Public Relations Advertising

#### Semester 4

- PBR401 Issues Management and Crisis Response
- PBR402 Event Production and Management
- PBR403 Ethics and the Media
- PBR404 Public Relations Management
- PBR405 Public Relations Presentation Skills
- ELEC1030 General Education Elective
- PBR400 Applied Internship II



**Credential:** Ontario College  
Advanced Diploma

**Program Length:** Three Years

**Starts:** September

**Contact:** Connie Sivyer  
519-972-2727 ext. 4934  
csivyer@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

There are a wide variety of employment opportunities in a number of diverse settings in which graduates may practice. This includes hospital settings such as ICU, operating and emergency rooms, community agencies, long term care agencies, medical sales and services, educational institutions, patient education, rehabilitation, and research.

This is an **OVERSUBSCRIBED** program. Apply by February 1st to be considered for this program. For more information see p. 134.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4U or EAE4C
- Grade 12 Math - MCT4C, MAP4C, MHF4U, or MCV4U
- Senior Level Physics (C) or (U)
- Senior Level Biology (C) or (U)
- Senior Level Chemistry (C) or (U)

Mature students see page 134 for details.

### PRE-ADMISSION TESTING

The Health Occupations Aptitude Exam (HOAE) test is required for entrance into this program. There is a fee associated with this test. Information will be provided to applicants.

### SELECTION PROCEDURE

A score is determined for each applicant derived from the Pre-Admission Testing score and from required subjects for admission. Scores are then ranked by highest score and selection is made for the available positions and places on the waiting list.

### PHYSICAL DEMANDS

Specific physical demands are part of this program. Please see the program page on the college web site for details to ensure you meet this criteria to be successful in the program.

### PROGRAM OVERVIEW

This three year advanced diploma program will prepare the graduate to work in the field of respiratory therapy. Curriculum will provide a strong foundation in instrumentation principles, chemistry, biology, anatomy, physiology and pathophysiology, critical thinking and analysis. Simulation labs and clinical placement settings will expose the student to practical learning. The overall PROGRAM OVERVIEW and objectives are aligned with the College of Respiratory Therapists of Ontario Standards of Practice and the current National Competency Profile. Graduates of the program must meet the requirements of the jurisdiction in which they wish to practice.

### CLINICAL PLACEMENTS

Applicants are required to have the following completed prior to clinical placement. You are responsible for the associated costs.

- First Aid
- Heart & Stroke Foundation Cardiopulmonary Resuscitation (CPR) BCLS Level C/AED
- NIOSH N95 Respirator Fit Test
- Employer requirement for up-to-date **CLEAR POLICE CLEARANCE** (vulnerable sector screening)
  - **MUST** be obtained by you, the student.
  - Obtain the Police Clearance by the first week of your first semester
  - Clinical placements may be on day, afternoon or weekend shifts **ANYWHERE** within Ontario.
  - You are responsible for travel and accommodation costs.

### HEALTH REQUIREMENTS

- A satisfactory medical exam.
- An up-to-date immunization record including tetanus and diphtheria, polio, measles, mumps, rubella, varicella (chicken pox), Hepatitis B (incl. Hep B titre within the last 24 months) and TB skin test.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,233.41

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at stclair.bkstr.com.

Please see the Respiratory Therapy page on the St. Clair College web site for important professional registration and licensure information.

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- SON105 Medical Terminology
- RES100 Psychosociology
- RES101 Administration and Legalities
- RES102 Medical Gas Therapy - Theory
- RES103 Anatomy and Physiology I
- RES104 Medical Gas Therapy - Laboratory
- RES105 Applied Basic Sciences

### Semester 2

- RES125 Pathophysiology I
- RES200 Basic Respiratory Protocols Theory
- RES203 Anatomy and Physiology
- RES201 Principles of Mechanical Ventilation Theory
- RES202 Principles of Mechanical Ventilation Lab
- RES206 Pulmonary Diagnostics - Theory
- RES204 Pharmacology
- RES205 Basic Respiratory Protocols - Laboratory

### Semester 3

- RES225 Pathophysiology II
- RES300 Acts and Regulations
- RES301 Advanced Respiratory Protocols - Theory
- RES302 Advanced Respiratory Protocols - Laboratory
- RES303 Applied Mechanical Ventilation - Theory
- RES304 Pulmonary Diagnostics - Laboratory
- RES305 Clinical Practicum I
- RES306 Principles of Blood Analysis
- RES307 Applied Mechanical Ventilation - Laboratory I
- PNR118G Cultural Diversity in Health and Illness

### Semester 4

- RES403 Professional Communication for Respiratory Therapists
- RES406 Neonatal and Pediatric Care - Theory & Lab
- RES408 Applied Mechanical Ventilation - Lab II
- RES404 Anesthesia

- PNR160G Ethics and Professionalism
- RES400 Cardiopulmonary Management - Theory
- RES401 Cardiopulmonary Management - Lab
- RES405 Clinical Practicum II
- RES402 Patient Care Lab

### Semester 5

- RES505 Clinical Practicum III - Hospital Training
- RES506 Comprehensive Examination I
- ELEC1030 Online General Education Elective

### Semester 6

- RES600 Medical Research Theory & Application
- RES605 Clinical Practicum IV - Hospital Training
- RES606 Comprehensive Examination II

# Social Service Worker - Gerontology

**Windsor Campus (B895)**  
**Chatham Campus (K384)**

## EMPLOYMENT OPPORTUNITIES

As our population ages, new and emerging job opportunities in the field of gerontology are on the horizon. Graduates may work in a range of settings that provide services to seniors such as retirement and long term care facilities, health and recreation programs, private home support services, adult day programs, dementia programs, elder abuse services, volunteer coordination services, seniors' centres, and entrepreneurial initiatives.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Windsor - Alice Barron  
519-972-2727 ext. 4936  
asbarron@stclaircollege.ca

Chatham - Lisa High  
519-354-9714 ext. 3807  
lhigh@stclaircollege.ca

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4U or EAE4C

Mature students see page 134 for details.

## PROGRAM OVERVIEW

*"The increased longevity and diversity of our population as a whole, and the movement of the baby boomer generation into its senior years, is creating significant demand for professionals with knowledge and expertise in aging"* - Ministry of Training, Colleges & Universities  
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The Social Service Worker Gerontology Program was established in recognition of the need to educate and train professionals to provide frontline services and supports to older adults and their families. The program falls within the scope of practice of the profession of Social Service Work, governed by the Social Work and Social Services Act (1998). The SSWG program promotes the values, ethics, practice and conduct standards for Social Service Work set out in the Ontario College of Social Work and Social Service Worker's Code of Ethics and Standards of Practice.

This two year diploma prepares students with the foundational knowledge and core skills required to work in the diverse and challenging field of eldercare. Theories relevant to understanding the aging process and the needs of seniors are emphasized. Program content includes interpersonal communication, case management, interviewing, group work intervention, diversity, advocacy, social justice, and community practice. In addition, a number of specialized courses such as Activation and Restorative Care, Recreation, Leisure and Therapeutic Program Planning, Dementia Care, Death, Dying, Grief and Bereavement and Volunteer Management expand the knowledge and skill base of students beyond traditional social service worker roles. Students who successfully complete the Social Services Worker Gerontology

diploma and the block field placement are eligible for registration with the Ontario College of Social Workers and Social Service Workers (OCSWSSW).

## FIELD PLACEMENTS

Employers who provide our field placement settings require a clear **POLICE RECORD CHECK** for criminal offences with vulnerable sector screening before accepting a student into the field placement setting. The record check **MUST** be obtained by the student at the student's expense prior to the commencement of field placement in semester four. Information and details about applying for a police clearance will be provided to the student prior to beginning clinical/field placement.

## HEALTH REQUIREMENTS

Accepted applicants must submit proof of a satisfactory medical examination and up-to-date immunization records prior to beginning clinical/field placement in semester four. Please be advised that lack of documented immunizations may result in the restriction of clinical/field placement and therefore may delay and/or prevent completion of the prescribed program.

Flu shots are strongly recommended. Students without flu shots may be temporarily prohibited from participating in placement in residential and LTC settings should flu outbreaks occur.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,460.75

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- SSC145 Issues in Diversity
- ENG107 College English
- SSW102 Intro to Aging
- SSW103 Intro to Social Work
- MIC111 Intro to Computer & Applications
- SSC160 Basic Psychology
- SSW105 Interpersonal Communications

### Semester 2

- SSW207 Activation and Restorative Care
- SSW206 Gerontology Field Work Seminar I
- SSW402 Death, Dying, Grief & Bereavement
- SSW303 Dementia: Family and Caregiving Issues
- SSW208 Group Dynamics for Social Service
- SSW204 Interviewing for Human Services
- SSC174G Interpersonal Violence in Canadian Society

### Semester 3

- SSW306 Gerontology Field Work Seminar II
- SSW301 Case Management
- SSW307 Volunteer Program Management
- SSW403 Community Practice
- SSW304 Recreation, Leisure and Therapeutic Program Planning
- ELEC2030 Choose 2 General Education Electives

### Semester 4

- SSW404 Gerontology Field Work
- SSW406 Gerontology Field Work Seminar III

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Heather Greene  
519-354-9714 ext. 3982  
hgreene@stclaircollege.ca

**EMPLOYMENT OPPORTUNITIES**

Graduates from this program have a range of skills enabling them to work in a variety of occupational settings including energy consulting firms, heating, ventilation, air conditioning and refrigeration industries or building owners.



**ADMISSION REQUIREMENTS**

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English (C), (U), or (M)
- Grade 12 Math (C), (U) or (M). (MTC4C is highly recommended)

To be successful in this program Senior Level Physics (C) or (U) and Chemistry (C) or (U), are highly recommended.

Mature students see page 134 for details.

**PROGRAM OVERVIEW**

The Sustainable Energy Technician program prepares graduates to work in both residential and light commercial occupational settings. By completion of the program, students will have gained experience and knowledge enabling them to perform site assessments with the ability to integrate renewable electrical and thermal systems with current existing energy sources. The technician will have an understanding of photovoltaic and wind turbine generating systems as well as solar thermal, geothermal and biomass systems making it possible for graduates to work in sales, marketing or installation and maintenance of these technologies. Students will also graduate with a working knowledge of 'green' building concepts and energy efficient design principles allowing for more efficiency and sustainable systems.

**YOUR INVESTMENT**

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$4,044.76

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

**DIPLOMA REQUIREMENTS**

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

**Semester 1**

- MTH134 Math for Construction I
- EET141 Electricity
- RET103 Intro to Fluid Mechanics and Heat Transfer
- RET104 Intro to Heating & Cooling Systems

**Semester 2**

- ELEC1030 General Education Elective
- RET201 Introduction to Renewable Electricity Systems
- RET202 Introduction to Renewable Thermal Systems
- RET203 Introduction to Energy Efficiency and Management
- RET205 Electric Machines
- RET206 Building Envelope Analysis & Heat Load Estimation

**Semester 3**

- ELEC1030 General Education Elective
- RET302 Wind Turbine Site Assessment & Installation
- ELC103B Canadian Electrical Code - Level 1
- EET144 Intro to Computer Aided Design
- RET305 Photovoltaic/Solar Thermal Site Assessment & Installation
- RET306 Energy Use Tracking & Monitoring
- RET307 Identifying & Evaluating Energy Efficiency Projects

**Semester 4**

- COM210 Introduction to Technical Communication
- MGN320 Management Principles
- RET405 Alternative Energy Systems
- RET406 Isolated & Grid-Tied Renewable Electricity Systems
- RET407 Summarizing & Implementing Energy Efficiency Projects
- RET303 Geothermal Systems

### EMPLOYMENT OPPORTUNITIES

Tourism is one of the largest economic generators worldwide; employment opportunities are endless. Whether you are changing careers or looking for a new job, tourism and travel will offer you a world of possibilities. After completing the two year program, graduate job opportunities exist with airlines, airports, attractions, car rental companies, convention and meeting centres, cruise lines, government tourism offices, hotels and resorts, on-line travel providers, rail lines, travel agencies, tour operators and visitor information centres, among others. Our graduates enjoy an almost 100% hire success rate. **Tourism and Travel students can work and earn credits through the Disney College Program and the Fairmont Hotels and Resorts Student Work Experience Program.**

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program.

Mature students see page 134 for details.

### PROGRAM OVERVIEW

If you are interested in working in the dynamic and ever-changing tourism industry, this program will assist you in achieving your goals. The two year diploma program will help develop those skills employers are looking for in a new employee, such as people, communication, teamwork, computer, and customer service skills. Students that earn their diploma are prepared to begin entry level positions in a number of the travel industry sectors. If you are interested in a career as an airline/tour reservationist, flight attendant, cruise ship employee, tour guide, tour manager, event planner, travel counsellor, hotel/ resort concierge, or any other facets of the tourism industry, this program is for you.

### PROGRAM HIGHLIGHTS

- **Students can apply to work and earn credits through the Disney College at Disney World in Orlando, Florida, working, living and earning St. Clair College and Central Michigan University credits.**
- Optional yearly field trip abroad (past trips include Mexico, Caribbean, Cruises, Europe).
- Active Tourism and Travel Club offers student the opportunity to earn money for annual field trip.
- Mid-program work placement experience tailored to individual interests.
- SABRE computer airline reservation system training.
- Travel Industry Council of Ontario (TICO) Minimum Standards

Exam administered as part of the program.

- Tourism Photography gives students the opportunity to create travel brochures and effectively produce images suitable for publication in travel magazines.
- Create destination travel websites.
- Opportunity to network with industry associates at numerous events including annual Students in Travel Conference and the St. Clair College/University of Windsor Job Fair, as well as weekly guest speaks in semester 2.
- Volunteer opportunities exist at major events throughout the city of Windsor, including the annual St. Clair College Wine Gala hosted in part by the Tourism and Travel students.
- Student Work Experience Program recruitment opportunities exist with Fairmont Hotels and Resorts located in Eastern and Western Canada.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,486.48

Opportunities for field trips that will enhance the overall curriculum are made available to students on a voluntary basis. Students who choose their semester 3 work experience away from home are responsible for all related living expenses.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- TOR109 Introduction to Tourism
- TOR142 Destinations I
- MIC125 Windows Computer Applications
- TOR113 Professional Travel Presentations
- SSC110G Intro to World Cultures
- TOR115 Tourism Service Excellence

#### Semester 2

- TOR218 Professional Development and Career Planning
- TOR242 Destinations II
- TOR408 Ecotourism
- TOR319 Resorts and Leisure Travel
- TOR203 Tourism Finance
- TOR325 Information Technology in Tourism
- TOR212 Communications in Tourism

#### Semester 3

- TOR500 Work Practicum

#### Semester 4

- TOR333 Destinations III
- TOR309 Adventure Tourism
- ELEC1030 General Education Elective
- TOR316 Event Management
- TOR425 Professional Tour Guiding
- TOR305 Tourism Marketing

#### Semester 5

- TOR442 Destinations IV
  - TOR404 International Tourism
  - HOS316 Managing Results in Hospitality and Tourism
  - ELEC1030 General Education Elective
  - TOR308 Tourism Photography
  - TOR419 Cultural Heritage Tourism
- PLUS:
- TOR145 Cruise Specialty
- OR
- TOR143 Sabre Part II

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September and February

**Contact:** Scott Suffield  
519-972-2727 ext. 4485  
ssuffield@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

A wide range of opportunities exist for diesel engine, commercial and heavy duty vehicle technicians in the area of service repair and retail parts.

Official Program Name:

Motive Power Fundamentals - Truck and Coach Repair

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 11 Math (C) or (U)

Mature students see page 134 for details.

### PROGRAM OVERVIEW

Truck and Coach Technicians test, analyze and diagnose systems used on commercial vehicles in accordance with manufacturers' recommendations and specifications.

Truck and Coach Techniques is designed to provide the learner with an understanding of the basic theoretical and practical aspects of the commercial vehicles trade and to familiarize them with the associated tools and materials. This is a great starting place for students who might want to pursue one of the commercial vehicle apprenticeship trades such as:

- Truck and Coach Technician (Medium and Heavy Duty Trucks/ Highway and City Transit Buses/ School Buses) 310-T
- Heavy Duty Equipment Technician 421-A
- Agriculture/Farm Equipment Technician 425-A
- Power Lift Truck Technician 282-E

This program will appeal to students with good math and computer skills. A mechanical aptitude is also helpful.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,483.75

Safety shoes and glasses approximately \$150.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

Please check this program page on our web site for the timing of the Winter intake.



## CERTIFICATE REQUIREMENTS Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- AUT119 Truck & Coach Electrical Systems
- AUT104 Transportation Calculations
- AUT106 Truck & Coach Fluid Power, Rigging & Fasteners
- AUT109 Truck & Coach Drive Train Systems
- AUT113 Truck & Coach Applied Work Practices & Operations
- AUT115 Truck & Coach Welding

### Semester 2

- AUT219 Truck & Coach Electrical, Electronics and Fuels
- AUT129 Truck & Coach Engine Components
- AUT205 Truck & Coach Engine Balancing Systems
- PSE445G Industrial Environmental Awareness

### EMPLOYMENT OPPORTUNITIES

Numerous positions are available in private veterinary clinics for graduates. Opportunities also exist in research, meat inspection and with Humane Societies, pharmaceutical firms and in the care of animals in zoological parks.

**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Monica Tighe  
519-972-2727 ext. 4364  
mtighe@stclaircollege.ca

### IMPORTANT NOTE:

This is an **OVERSUBSCRIBED** program. Apply by February 1st in order to be considered for this program. For more information see page 134.

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 12 English - ENG4U, ENG4C, EAE4U or EAE4C
- Grade 12 Math (C) or (U)
- Senior Level Chemistry (C) or (U)
- Senior Level Biology (C) or (U)

Mature students see page 134 for details.

### RECOMMENDED

Because of the unique nature of this program it is recommended that before applying for the program you:

- Interview a Registered Veterinary Technician
- Obtain experience in a veterinary clinic

### PRE-ADMISSION TESTING

The Health Occupations Aptitude Exam (HOAE) is required for entrance into this program. There is a fee associated with the test. Please check this program page on the college web site for fee amounts and details.

### SELECTION PROCEDURE

A score is determined for each applicant derived from the Pre-Admission Testing score and from required subjects for admission. Scores are then ranked by highest score and selection is made for the available positions and places on the waiting list.

### PHYSICAL DEMANDS

Specific physical demands are part of this program. Please see the program page on the college web site for details to ensure you meet this criteria to be successful in the program.

### PROGRAM OVERVIEW

Veterinary Technicians assist the Veterinarian in the medical care of animals. Duties include assisting in radiography (taking x-rays), nursing, dentistry, nutritional support, minor surgery and laboratory procedures for animals.

This program will appeal to students with experience related to animals. They must have a strong background in science and math and good communication skills. Due to the physical demands of the job they should also have the ability to lift and carry up to 25 kg.

### PROGRAM HIGHLIGHTS

- Accredited by the Canadian Veterinary Medical Association
- Teaching hospital accredited by the College of Veterinarians of Ontario.
- Facilities and animal use approved by Canadian Council on Animal Care.
- Accredited by the Ontario Association of Veterinary Technicians.
- Work experience during year two and externship in the 4th semester.
- Graduates are eligible to write the North American Veterinary Technician exam to qualify for registration with the Ontario Association of Veterinary Technicians.

### CLINICAL PLACEMENTS

Clinical placements may be on day, afternoon or weekend shifts anywhere in Ontario. Students are required to provide their own transportation to the clinical site. The College is not able to guarantee placements in Windsor-Essex or on a bus route.

### HEALTH REQUIREMENTS

Prophylactic rabies immunization, strongly recommended, should be arranged through your Family Physician, local Public Health office, or can be obtained at the College. The cost is approximately \$700 and is usually recovered through most drug plans.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,811.71

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).

### DIPLOMA REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- VET112 Laboratory Procedures I
- VET115 Introduction to Veterinary Technology
- VET116 Animal Anatomy & Physiology I
- VET118 Veterinary Computer Applications
- VET124 Clinical Calculations

#### Semester 2

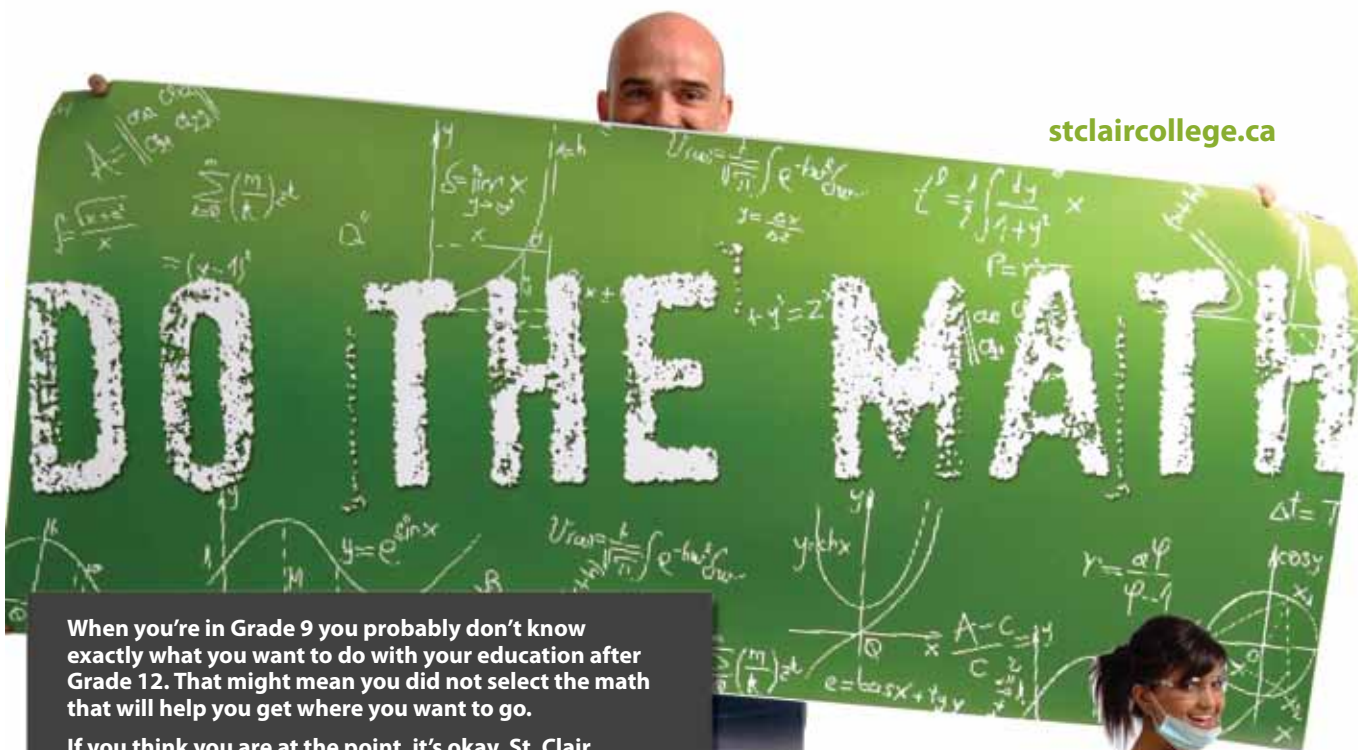
- ELEC1030 General Education Elective
- VET207 Introduction to Veterinary Radiography
- VET208 Clinical Principles I
- VET210 Animal Anatomy & Physiology II
- VET212 Laboratory Procedures II
- VET223 Clinical Exercises I

#### Semester 3

- ELEC1030 General Education Elective
- VET304 Clinical Principles II
- VET307 Veterinary Clinical Radiography
- VET310 Laboratory Principles III
- VET316 Livestock Principles
- VET327 Clinical Exercises II

#### Semester 4

- VET406 Externship
- VET407 Exotic Pet Care
- VET410 Laboratory Animal Care
- VET414 Clinical Principles III
- VET415 Laboratory Procedures IV
- VET424 Clinical Exercises III
- PNR160G Ethics & Professionalism



When you're in Grade 9 you probably don't know exactly what you want to do with your education after Grade 12. That might mean you did not select the math that will help you get where you want to go.

If you think you are at the point, it's okay. St. Clair College can help you in lots of ways. If you want to get into health sciences, you can take Pre-Health Science. It will not only get you the math you need but will be a great refresher for other subjects like biology and chemistry.

Don't think you need math? Just take a look at how much more successful students are at college when they pick the right math!

The College Math Program is a collaborative program of research led by Seneca College in Toronto. The focus is on the mathematics achievement of first-year college students in Ontario. One of the findings showed a correlation between a student's math choice in high school as one predictor to how successfully the student will be in college math.

Here is what the data revealed for first year college students in 2009:

HIGH SCHOOL PATHWAY	COLLEGE "GOOD GRADES" (A, B, C)	COLLEGE "AT RISK" (D, F, DROP)
MBF3C or MAP4C	54.9%	45.1%
MCF3M or MCT4C	68.3%	31.7%
MCR3U and ANY 12U MATH	83.2%	16.8%

### Dental Hygienists need math!

- Determine the related angles between jaw line and teeth
- Calculate costs and length of services, billings and inventory
- Recognize the position of teeth on x-ray
- Measure and mix dental and mold materials



### Computer Networking Technicians need math too!

- Evaluate bandwidth for required speed
- Convert decimal to binary and other formats
- Calculate hardware needed to build a large server
- Complete network analysis and compare results with base line



### EMPLOYMENT OPPORTUNITIES

Graduates are prepared for positions such as welder, service technician, inspector or an apprentice in several trades such as welder, boiler maker, pipefitter, steamfitter and sheet metal worker.

**Credential:** Ontario College Certificate

**Program Length:** One Year

**Starts:** September and February

**Contact:** Rob Chittim  
519-972-2727 ext. 4774  
rchittim@stclaircollege.ca

### ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level plus:

- Grade 11 Math (C) or (U)

Mature students see page 134 for details.

### PROGRAM OVERVIEW

The goal of the Welding program is to provide graduates with comprehensive theoretical knowledge and extensive practical hands-on skills to find employment in small and large organizations.

Graduates of the Welding program may consider becoming Canadian Welding Bureau (CWB) certified if they choose to test their welding abilities. St. Clair College is a CWB training and testing centre. Ask the Program Coordinator for more information.

### YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees	\$3,633.75
Safety shoes and glasses approximately	\$150.00
Tools (optional) approximately	\$200.00

Welding helmets and other tools are provided, but many students prefer their own helmets and tools.

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



### CERTIFICATE REQUIREMENTS

 Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

#### Semester 1

- WLD136 Shielded Metal Arc Welding I
- WLD134 Welding & Cutting I
- WLD144 Gas Metal Arc Welding
- WLD137 Welding Math
- WLD145 Welding Drafting

#### Semester 2

- WLD201 Welding Layout & Fabrication
- WLD203 Welding quality control
- WLD211 Welding Applications
- WLD236 Shielded Metal Arc Welding II
- PSE445G Industrial Environmental Awareness



**Credential:** Ontario College Diploma

**Program Length:** Two Years

**Starts:** September

**Contact:** Roy Bottoset  
519-972-2727 ext. 4407  
rbottoset@stclaircollege.ca

## EMPLOYMENT OPPORTUNITIES

Woodworking technicians fit well into any environment such as large and small cabinet, furniture and millwork companies, kitchen and bath design centres and commercial and residential construction companies.

## ADMISSION REQUIREMENTS

OSSD with the majority of courses at the College (C), University (U), University/College (M) or Open (O) level qualify for admission to this program.

Mature students see page 134 for details.

## PROGRAM OVERVIEW

This program focuses on both theory and technical skills in materials recognition and selection, machining, finishing, manufacturing and construction to meet a variety of goals in processing wood products. A woodworking technician learns a wide range of skills including cabinet making and kitchen design, trim and construction carpentry, architectural millwork (doors and windows) and furniture making. A woodworking technician is also able to program and operate CNC (computer numeric control) machines for repetitive work.

## PROGRAM HIGHLIGHTS

- Work placement.
- Strong industry support.
- Up-to-date labs and equipment.
- Hands-on projects.
- Curriculum parallels apprenticeship standards.
- Opportunities in the manufacturing, design and construction areas.

## YOUR INVESTMENT

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013 are as follows:

Total 1st Year Tuition and Compulsory Fees \$3,585.75

Safety shoes and glasses approx. \$150.00

For a breakdown of tuition and other compulsory fees for Canadian, U.S. and International students see page 135.

For textbook prices see the Bookstore website at: [www.stclair.bkstr.com](http://www.stclair.bkstr.com).



## DIPLOMA REQUIREMENTS

Course descriptions are available at [www.stclaircollege.ca](http://www.stclaircollege.ca)

### Semester 1

- BDT110 Trade Drawings/Layout
- BDT115 Construction Health & Safety
- BDT106 Carpentry Calculations
- BDT116 Machining Theory I
- BDT125 Machining Practice I
- BDT302 Materials I

### Semester 2

- BDT100G Environmental Awareness
- BDT213 Basic Carpentry Skills
- ENG212LS Communications I
- BDT210 Home Renovation Trade Skills
- BDT215 Estimating/Project Planning
- BDT216 Wood Finishing
- ARC104 Building CAD 1

### Semester 3

- ELEC1030 General Education Elective
- BDT308 Design Studio
- BDT303 Machining Theory II
- ARC204 Building CAD II
- BDT309 Architectural Millwork

### Semester 4

- ELEC1030 General Education Elective
- BDT404WP Computerized Kitchen Design
- BDT407 Computerized Numerical Control
- BDT410 Stair Design/Manufacturing
- BDT406 Millwork Installation Mechanics

## St. Clair College Diploma

## University Articulation

## Degree Achieved

### Advertising

(See page 23 for a complete listing)

### Architectural Technology

### Business Administration - Accounting

### Business Administration - Finance

### Business Administration

- Human Resources

### Business Administration - International

### Business Administration - Marketing

**Griffith University**, Australia  
www.gu.edu.au / 073-735-6425

**Athabasca University** (online)  
www.athabascau.ca / 1-800-788-9041

**Lawrence Technological University**, MI  
www.ltu.edu / 248-204-3160

**University of Windsor**  
www.uwindsor.ca / 519-253-3000

**Nipissing University**  
www.nipissingu.ca / 705-474-3450

**Davenport University**  
www.davenport.edu / 1-866-925-3884

**Walsh College**  
www.walshcollege.edu

**Griffith University**  
www.gu.edu.au / 073-735-6425

**University of Windsor**  
www.uwindsor.ca / 519-253-3000

**Nipissing University**  
www.nipissingu.ca / 705-474-3450

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**Nipissing University**  
www.nipissingu.ca / 705-474-3450

**Davenport University**  
www.davenport.edu / 1-866-925-3884

**Walsh College**  
www.walshcollege.edu

**Griffith University**  
www.gu.edu.au / 073-735-6425

Bachelor of Communications

Bachelor of Professional Arts

Bachelor of Science in Architecture

Honours B. Comm

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Honours B. Comm

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Bachelor Business Administration HR

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Honours B. Comm

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

Bachelor of Commerce

## St. Clair College Diploma

## University Articulation

## Degree Achieved

**Chemical Laboratory Technology**

**University of Windsor**  
www.uwindsor.ca / 519-253-3000

Bachelor of Science (3 year General Science)  
Bachelor of Science (4 year Chemistry)

**Child & Youth Worker / CYW-Accelerated**  
(See page 42/43 for details)

**University of Windsor**  
www.uwindsor.ca / 519-253-3000  
**Royal Roads University**  
www.royalroads.ca / 250-391-2600

Bachelor of Disability Studies/Psychology/  
Social Work  
Bachelor of Justice Studies Degree

**Civil Engineering Technology**

**Griffith University**, Australia  
www.gu.edu.au / 073-735-6425  
**University of Windsor**  
www.uwindsor.ca / 519-253-3000

Bachelor of Engineering (Civil)  
Bachelor of Engineering Technology

**Construction Engineering Technician  
– Civil**

**Griffith University**, Australia  
www.gu.edu.au / 073-735-6425

Bachelor of Engineering (Civil)

**Developmental Service Worker**

**University of Windsor**  
www.uwindsor.ca / 519-253-3000  
**Ryerson Polytechnic University**  
www.ryerson.ca / 416-979-5036

Bachelor of Arts or Bachelor of Social Work  
Bachelor of Applied Arts in Disability Studies

**Entertainment Technology**

**Griffith University**, Australia  
www.gu.edu.au / 073-735-6425  
**New York City College of Technology**  
www.citytech.cuny.edu

Bachelor of Communication  
Bachelor of Technology in Entertainment  
Technology

**Graphic Design**  
(See page 73 for details)

**Griffith University**, Australia  
www.gu.edu.au / 073-735-6425

Bachelor of Design or Master of Arts in  
Visual Arts

**Hospitality Management - Hotel & Rest.**  
(See page 76 for details)

**Griffith University**, Australia  
www.gu.edu.au / 073-735-6425

Bachelor of Business(Hotel Management)

**Interior Design**  
(See page 77 for details)

**Lawrence Technological University**, MI  
www.ltu.edu / 248-204-3160

Bachelor of Interior Architecture

**Journalism**

**Griffith University**, Australia  
www.gu.edu.au / 073-735-6425

Bachelor of Journalism

**Mechanical Engineering Technology -  
Auto Product Design** (See p84 for details)

**University of Windsor**  
www.uwindsor.ca / 519-253-3000

Bachelor of Applied Science in Mech. Eng.  
Bachelor of Engineering Technology

**Medical Laboratory Science**

**University of Windsor**  
www.uwindsor.ca / 519-253-3000

Bachelor of Science

**Music Theatre Performance**

**Griffith University**, Australia  
www.gu.edu.au / 073-735-6425

Bachelor of Arts Communication  
Bachelor of Arts in Applied/Arts

**Office Administration- Executive**

**Davenport University**, Michigan  
www.davenport.edu / 1-866-925-3884

Bachelor of Business Admin. Mgt.

**Office Administration- Medical**

**Davenport University**, Michigan  
www.davenport.edu / 1-866-925-3884

Bachelor in Health Services Admin.

**Police Foundations**

**Griffith University**, Australia  
www.gu.edu.au / 073-735-6425

Bachelor of Arts in Criminology & Criminal  
Justice

## It's easy to apply to St. Clair College.

1.

### Go to [www.ontariocolleges.ca](http://www.ontariocolleges.ca) Click on: **Find your program**

Remember that the Equal consideration dates are

Fall Term: **FEBRUARY 1st**

Winter Term: **SEPT. 15th**

The College will continue to accept applications after the Equal Consideration Date on a first-come first-served basis. If the number of qualified applicants exceeds the number of available seats (Oversubscribed), completed applications received at [ontariocolleges.ca](http://ontariocolleges.ca) by the Equal Consideration Date will receive first consideration.

Fill out the on-line application form. Make the \$95 application payment to OCAS (either on-line using VISA or M/C) or send a cheque to:

OCAS  
60 Corporate Court  
Guelph , ON N1G 5J3  
1-888-892-2228

2.

### After February 1st you will receive your decision letter from St. Clair College.

For most programs you will receive your decision letter from St. Clair College during the first week of February.

If you applied to one of our **OVERSUBSCRIBED** programs (Cardiovascular Technology, Dental Hygiene, Diagnostic Medical Sonography, Medical Laboratory Science, Medical Laboratory Technician, Nursing BScN, Paramedic, Practical Nursing, Respiratory Therapy, and Veterinary Technician) or to Animation-Tradigital, Graphic Design or Music Theatre Performance, your decision letter will come out in the middle of March.

3.

### NEXT STEPS

Read your **DECISION LETTER** from St. Clair College very carefully. It will give you the next steps you should take to **CONFIRM to ST. CLAIR COLLEGE.**

You will go to [www.ontariocolleges.ca](http://www.ontariocolleges.ca) web site and **CONFIRM** your program choice with St. Clair College. Remember to have your login and password with you for easy access to the Ontario Colleges web site. If you have a problem call [ontariocolleges.ca](http://ontariocolleges.ca) at **1-888-892-2228** and they will **confirm your choice for you.**

## 2013

- Aug. 27-30 Orientation - South Campus, Windsor
- Aug. 28-29 Orientation - Thames Campus, Chatham
- Aug. 29 Orientation - SCCCA & MediaPlex, Windsor
- Sep. 2 Labour Day - the College is closed
- Sep. 3 All post-secondary classes start
- Oct. 9 Fall Academic Awards
- Oct. 14 Thanksgiving Day - the College is closed
- Oct. 16 Fall Convocation - Windsor (Session 6 & 7)
- Oct. 17 Fall Convocation - Chatham (Session 8)
- Dec. 24-Jan. 1 The College will be closed at 12:00pm December 24 for the Holiday Break and will reopen Thursday, January 2, 2014

## 2014

- Jan. 3 Orientation (January start programs)
- Jan. 6 Winter post-secondary courses start
- Feb. 17 Family Day - the College is closed
- Feb. 19-20 Windsor Scholarships & Bursaries Nights
- Feb. 27 Chatham Scholarships & Bursaries Lunch
- Mar. 10-14 Reading Week (No classes scheduled)
- Apr. 9 Athletic Awards Banquet Night
- Apr. 18 Good Friday - the College is closed
- Apr. 21-25 Final exams are normally held the last week of the semester during the regularly scheduled classes
- May 5 Spring Post-secondary classes start
- May 19 Victoria Day - the College is closed
- Jun. 3 Academic Awards Banquet Night - Windsor
- Jun. 5 Academic Awards Banquet Night - Chatham
- Jun. 11 Spring Convocation - Windsor (Sessions 1 & 2)
- Jun. 12 Spring Convocation - Windsor (Sessions 3 & 4)
- Jun. 14 Spring Convocation - Chatham (Session 5)
- Jul. 1 Canada Day - the College is closed
- Aug. 4 Civic Holiday - the College is closed

Although it is the intent to adhere to the dates as they are listed, the College reserves the right to make required changes.

# Student Services

There are a wide range of services to help you succeed on campus. If you have questions about any of the services offered, please check out the Student Services on your campus.

South Campus, Windsor – Room 206

St. Clair College Centre for the Arts, Windsor – Room 127

Thames Campus, Chatham – Room 133

## CAMPUS BOOKSTORE

- Textbooks and supplies, school rings, crested/logo items, convenience items and apparel

## CAREER PLANNING / STUDENT EMPLOYMENT

- Career assessments that enable individuals to make educational choices in accordance with career goals
- Full, part-time (including summer and on-campus), and permanent job postings
- Job fair every January
- Job search information /on-line assistance
- Resume assistance

## DEAF SERVICES

- Interpreting services for classrooms and college functions

## FIRST NATIONS, METIS & INUIT STUDENTS

- Counselling and support for First Nations, Metis and Inuit students
- Student meeting space in Windsor and Chatham campuses

## HEALTHPLEX - THAMES CAMPUS

- The HealthPlex at the Thames campus provides students with a double gym for intramural and varsity athletics, an elevated running track, 5,000 sq. ft. fitness centre, aerobics studio and more.

## HEALTH SERVICES

- Campus nurse, first aid, emergency nursing care, health education and information
- Available at South campus from 8:30-4:30 directly across from Security in the main lobby
- Available at SCCCA from 12:30-4:30 on Mondays.
- Available at Thames Campus from 8:30-4:30
- In the event that the nurse is not present, Security at all campuses are trained in First Aid and CPR

## LEARNING COMMONS / COUNSELLING

- Academic and personal counselling
- Peer tutoring assistance (group and individual)
- Study skills
- Testing services: admissions, accommodated and make-up
- Disability counselling, accommodation planning and support

## LIBRARY RESOURCE CENTRE

- Research assistance / Print materials
- Audio/visual resources
- Online research databases

## LOCKERS

- Lockers are available to students and locks are assigned on a “first come-first serve” basis. Please refer to your “information package” for additional information.

## PARKING

Paid parking is in effect at all campuses. Parking regulations and fees are available from the Parking Office at the Windsor Campus.

## RESIDENCE

Both Windsor and Chatham have an on-campus residence. For information go to [www.stclairrez.ca](http://www.stclairrez.ca) or call Windsor residence at 519-966-1601; Chatham residence 519-354-9714 Ext. 3306.

## SAFETY AND SECURITY

- Security is located in the Main Lobby at all St. Clair College campuses
- Emergencies shall be reported to Security at all Windsor campuses (South, St. Clair College Centre for the Arts and MediaPlex) via 4911
- Emergencies shall be reported to 911 at the Chatham campus, with a follow up to Security at 3300
- Non-Emergency safety or security issues shall be reported to Security at the following numbers:
  - South Campus 4310
  - SCCCA 4909
  - Mediaplex 5400
  - Thames Campus 3300
- Personal articles are the responsibility of the owner. College loaned items are the responsibility of the signing person and are subject to replacement value assessment if misplaced.

## STUDENT ATHLETIC ASSOCIATION (S.A.A.)

The Student Athletic Association (SAA) is responsible for all varsity and intramural sports on campus. There are 18 varsity sports available to students including: Men's & Women's Basketball, Men's & Women's Volleyball, Men's & Women's Soccer, Men's & Women's Indoor Soccer, Men's & Women's Cross Country, Men's & Women's Curling, Men's Baseball, Women's Fastball, Men's & Women's Badminton and Men's & Women's Golf. Varsity athletes can receive \$1,250 per sport semester - the maximum allowed under OCAA rules.

## STUDENT GOVERNMENT

Elected student leaders represent the interests of all students and are the link between the student and the college governing bodies.

The Student Representative Council (SRC) represents the 6,500 full time students at all Windsor campuses including the South Campus, MediaPlex and St. Clair College Centre for the Arts. They are responsible for the Saint newspaper, the Class Rep program, student clubs, the Student Health Plan and are owners of Griffs Cavern, the College's licensed restaurant.

Thames Students Inc. (TSI) goal is to represent the 1,300 students at the Thames Campus in Chatham. They are responsible for a variety of activities on campus.

**This Handbook is prepared several months in advance. Every effort is made to ensure the information is accurate, however changes may take place from the time of publication. The College reserves the right to change, amend or alter information published, or suspend a program, as necessary without notice or prejudice. Check the college website at [www.stclaircollege.ca](http://www.stclaircollege.ca) for the most up to date information.**

## ONTARIO STUDENT ASSISTANCE PROGRAM

OSAP is mainly a loan program for students taking at least 60 per cent of a full course load, or 40 per cent if you are a student with a permanent disability. An individual assessment based on information supplied by the student on an application determines what funds, if any, a student will receive from this program. Funds from OSAP are provided from:

- Canada-Ontario Integrated Student Loan
- Ontario Student Opportunity Grant
- Ontario Access Grants
- Ontario Access Grant for Crown Wards
- Canada Student Grant for Persons with Dependents
- Canada Student Grant for Persons with Middle-Income Families
- Canada Student Grant for Persons from Low-income Families
- Canada Student Grant for Persons with Permanent Disabilities
- Ontario Distance Grants
- Ontario Tuition Grant

Canadian citizens, permanent residents and Protected Persons are eligible to apply for OSAP.

### OSAP APPLICATION PROCEDURE

Complete the on-line application at [www.osap.gov.on.ca](http://www.osap.gov.on.ca)

Submission of your signature pages and supporting documents (if applicable) to be made at the Financial Aid Office, St. Clair College, Room 166, or mailed to Box 12

Making OSAP appointments to pick up your OSAP certificates are “no longer required” due to the new Electronic Funds Transfer

Submit your signed and completed Master Student Financial Assistance Agreement (MSFAA) to a designated Canada Post Outlet right away (or to a NSLSC kiosk when available), along with proof of your identity

- Proof of your Social Insurance Number (SIN card, legible photocopy of SIN card, an official Government of Canada document (eg. Notice of Assessment from Canada Revenue Agency, Canada Pension Plan Statement of Contributions or a Confirmation of Social Insurance Number from Service Canada)
- One piece of valid photo ID ISSUED IN Canada by the federal, provincial or territorial government (a legible photocopy of the front and back is acceptable). Examples of acceptable ID: Canada passport, permanent resident or citizenship card, Ontario photo card, valid driver’s license or provincial health card with photo. Student ID cards are NOT acceptable forms of photo ID.

At the start of your studies (September), the Financial Aid Office will confirm your enrolment before your funding can be disbursed to your account.

## ONTARIO STUDENT ASSISTANCE PROGRAM APPLICATION FOR PART-TIME STUDENTS

The Part-time OSAP application is available for students registered in less than 60 per cent of a full course load or less than 40 per cent of a full course load if you are a student with a permanent disability. Funds from this program are provided from:

- Part-Time Canada Student Loans Program
- Canada Student Grant for Part-Time Studies
- Canada Student Grant for Part-Time Students with Dependents
- Canada Student Grant for Persons with Permanent Disabilities
- Ontario Part-Time Grant

OSAP applications are available in April at the [www.osap.gov.on.ca](http://www.osap.gov.on.ca) website. Students are encouraged to apply online however paper based applications are available through the website, from the Student Financial Aid Offices.

## SPECIAL BURSARY PLAN

This program is designed to assist students who are in serious financial need. To qualify for ISBP, an individual is required to register as a full-time or part-time student in Academic Upgrading or English as A Second Language.

## STUDENT EMERGENCY LOAN FUND

An emergency loan fund has been established to assist students who run into financial difficulty during the school year who are waiting for their OSAP funding. Applications for these short term loans are made to the Financial Aid Office.

## ST. CLAIR COLLEGE WORK STUDY PROGRAM

The St. Clair Work Study Program was added as a plan to help students with meeting their educational costs by working part time during the school year without causing an excessive dependence on loan funding.

## ST. CLAIR COLLEGE SCHOLARSHIPS

Windsor and Chatham Campus Locations - Three major scholarships may be presented by St. Clair College:

1. Academic and Entrance Scholarships
2. Athletic Scholarships
3. Women in Technology Commemorative Scholarship

## OTHER SCHOLARSHIPS & BURSARIES

There are a number of Scholarships and Bursaries available to St. Clair students. Please check the College website at [www.stclaircollege.ca](http://www.stclaircollege.ca) or contact the Financial Aid Office at 519-972-2718 for more information.

## ST. CLAIR COLLEGE SCHOLARSHIPS & BURSARIES

St. Clair is fortunate to have a variety of scholarships and bursaries available to students. The College awards approximately \$1.5 million in scholarships and bursaries per year.

These awards are given as a result of the generosity of businesses, organizations, and individuals who have made monetary donations to assist students with the cost of their education. The provincial government has also designated funds to aid students with financial burdens. The criteria for scholarships and bursaries vary. The majority require that financial need be shown. Awards are also based on program, grades, community or college involvement, disabilities or ethnic background.

Please visit [www.stclaircollege.ca](http://www.stclaircollege.ca) or the Financial Aid office in room 166.

# Admission Procedures

## Applicants who started High School in Ontario in September 1999 or later (OSS):

Ontario Secondary School Diploma (OSSD) with a majority of credits at the College (C), University (U), College/University (M), or Open (O) level or equivalent.

### OR

Mature Student status (nineteen years of age or older as of the first day of classes and do not have an OSSD or equivalent).

## Applicants who started High School in Ontario prior to September 1999 (OSIS):

Ontario Secondary Diploma (OSSD) with a majority of credits at the General or Advanced level or equivalent.

### OR

Mature student status (nineteen years of age or older as of the first day of classes and do not have an OSSD or equivalent).

## Mature Students

If you are a Mature Student, you will be required to write an Admissions Test (Math and/or English) for all programs **EXCEPT** those that are oversubscribed **OR** if you can demonstrate the competency of the established required courses.

## GED Holders

If you have GED (General Education Development) certificate, it is equivalent to (for admission purposes) an OSSD with Grade 12 English and Grade 11 Mathematics at the general level. You will also be required to complete the program specific subjects for admission.

## Program Specific Requirements

All applicants must meet program specific requirements. Please consult individual program descriptions for the specific subjects required for admission and details of any selection process.

## Oversubscribed Programs (Apply before February 1)

The oversubscribed programs are: Cardiovascular Technology, Dental Hygiene, Diagnostic Medical Sonography, Medical Laboratory Science, Medical Laboratory Technician, Nursing BScN, Paramedic, Practical Nursing, Respiratory Therapy, and Veterinary Technician

Applicants will be conditionally accepted into oversubscribed programs according to the following order:

- 1) Resident of Ontario
- 2) Resident of Provinces and Territories of Canada
- 3) All other applicants

For applicants to oversubscribed programs currently in high school, please note that all of your Grade 11 courses and the first semester of your Grade 12 courses will be averaged and ranked in order to make the selection for acceptance into the program.

When final grades are released, applicants must meet the minimum requirement in mandatory courses.

## Nursing BScN

For ranking purposes St. Clair College will use the average of your final first semester Grade 12 required (U) courses. If you have not taken the required Chemistry or Biology in your first semester of Grade 12, your Grade 11 (U) science marks will be used.

## Physical Demands Requirements

All programs have a "physical demands" requirement that needs to be met in order to be employable in the related industry sector. Please refer to each program's web page for the list of physical demands related to each program.

## Wait List

You may be waitlisted for a program if there are more acceptable candidates than available seats. If any of the accepted applicants decline the offer of admission, or fail to register, you may be taken from the waitlist. The waitlist is for the term to which you applied; it is not carried over from one term or one application year to another.

## International Students

If you are not a Canadian citizen or landed immigrant, you will need a Canadian Study Permit to study in Canada and a Letter of Acceptance - issued by the College - in order to apply for the permit. General diploma programs admission requirement for international students are as follows:

Canada & USA: High school diploma and transcript, or equivalent.

British education system: General Certificate of Education showing passes in six (6) academic subjects (including English) at the Ordinary level.

Caribbean countries (English): High school diploma and transcript, or equivalent.

West Africa (Nigeria, Ghana, etc.): WAEC (or NECO) transcript with online verifying scratch card number and PIN required.

South Asia (India, Pakistan, Bangladesh, Nepal, Sri Lanka, etc.): High school diploma and Grade 12 transcript. IELTS 5.5 with no band lower than 5.0, or TOEFL paper-based test (PBT) score of 500, or internet-based test (iBT) score of 61, or computer-based test (CBT) score of 173.

Other regions (English proficiency test required)

- High school diploma/graduation certificate and transcript or equivalent in original language and English translation.
- English proficiency requirement:

TOEFL iBT 61 with no band lower than 15, or PBT score of 500, or CBT score of 173 / IELTS 5.5 with no band lower than 5.0

### Note:

In addition to other requirements, students wishing to benefit from the Student Partners Program (SPP), will need to provide English proficiency scores of: IELTS 6.0 with no band lower than 5.5. All English proficiency tests must have been taken within the previous two years.

Applicants who do not have the minimum TOEFL or IELTS score will be required to write the English Proficiency Test (CanTEST) after arrival at the College. Students who do not pass the CanTEST will need to register in the St. Clair College English as a Second Language (ESL) program prior to entering post-secondary programs.

Please contact the International Development Office for details:

Email: [ido@stclaircollege.ca](mailto:ido@stclaircollege.ca)

Website: [www.stclaircollege.ca/international](http://www.stclaircollege.ca/international)

## REGISTRATION FEES

Please see page 135.

For additional information about how to qualify for our programs and for information regarding application processes visit [www.ontariocolleges.ca](http://www.ontariocolleges.ca) and go to APPLY, then Information for International Application.



## 2013/2014 FEE SCHEDULE

Fees are subject to adjustment each year. The standard tuition and compulsory fees for 2013/2014 are indicated below. All fees are per year, unless otherwise indicated.

### STANDARD TUITION:

	YEAR 1	CONTINUING
Full-time Domestic	\$2,609.50	\$2,466.85
Full-time International	\$10,438.00	\$10,438.00
Full-time USA	\$6,900.00	\$6,900.00

### HIGH DEMAND PROGRAM TUITION:

Tuition for these programs is higher than the standard tuition. The high demand tuition fees are as follows:

	DOMESTIC	INTERNATIONAL
BScN Nursing (H850/K950)	\$5,724.24	N/A
Cardiovascular Technology (H794)	\$3,352.14	N/A
Dental Hygiene (H847)	\$10,289.23	N/A
Diagnostic Med. Sonography (H796)	\$5,163.86	N/A
Medical Lab Science (H837)	\$3,360.53	N/A
Paramedic (H840/K940)	\$2,880.46	N/A
Practical Nursing (H863/K963)	\$3,995.40	N/A
Respiratory Therapy (H795)	\$3,352.16	N/A
Veterinary Technician (H258)	\$2,880.46	N/A

### PLUS COMPULSORY FEES (DOMESTIC):

	WINDSOR	CHATHAM
Activity Fee	\$345.36	\$345.36
Graduation Fee (per semester)	\$5.00	\$5.00
Health Insurance	\$130.89	\$130.89
Liripipe	\$23.00	\$23.00
Recreation/Fitness Centre Fee	\$150.00	\$150.00
Student Card Fee	\$7.00	\$7.00
Student Centre Fee	\$50.00	N/A
Technology Fee	\$80.00	\$80.00
Transcript Fee	\$8.00	\$8.00
Enhanced Student Success Fee	\$70.00	\$70.00

## FEE DESCRIPTIONS

### ACTIVITY FEE

Distributed and noted as the Alumni Association, Student Representative Council, the Student Athletic Association, and Thames Students Inc.

### GRADUATION FEE

Covers graduation and Convocation expenses.

### LIRIPIPE FEE

Fee for the liripipe received at the graduation ceremony.

### HEALTH INSURANCE FEE

Covers the cost of student insurance plans for Windsor/Chatham and all international students.

### LOCKER FEE

Lockers at all campuses are optional. Lockers will be randomly assigned on a "first request-first served" basis.

### MATERIALS FEE

Offsets any program specific materials, equipment, or clothing that are retained by the student.

### STUDENT CENTRE FEE

Assists with the cost of the Student Centre.

### TECHNOLOGY ACCESS FEE

Assists with the cost of providing students with up-to-date information, instructional technologies, software and maintenance.

### TRANSCRIPT/CERTIFICATION

Covers the cost of transcript and certification letters requested by current and former students.

### RECREATION/FITNESS CENTRE FEE

Beginning Fall 2008, a Recreation Centre Fee of \$150.00 will be assessed to all full time students registered at the Windsor Campus and Thames Campus for a period of ten (10) years to offset capital construction costs. Tuition Short students will be assessed on a pro-rated, semester basis.

### ENHANCED STUDENT SUCCESS FEE

Assist with costs for enhanced early intervention and prevention strategies to support academic success while promoting student wellness and connections.

## COMPULSORY FEES (INTERNATIONAL):

Health Insurance (Intl/USA)	\$600.00
Service Fee (Intl/USA)	\$500.00

## PROGRAM SPECIFIC MATERIAL FEES:

Architectural Technology	\$100.00
Cardiovascular Technology	\$30.00
Chemical Laboratory Technology	\$200.00
Civil Engineering Technology	\$100.00
Collaborative Nursing	\$100.00
Construction Engineering Technician	\$100.00
Culinary Management	\$750.00
Diagnostic Medical Sonography	\$30.00
Electronics Eng. Tech. - Industrial	\$80/210/20
Esthetician	\$126.00
Hairstylist	\$60.00
Horticulture Technician - Landscape	\$205.00
Interior Design	\$200.00
Journalism	\$10.00
Mechanical Eng. Tech. - Industrial	\$35/40
Mechanical Tech -CAD/CAM	\$105.00
Media Convergence	\$5.00
Paramedic	\$20.00
Personal Support Worker	\$20.00
Practical Nursing	\$54.00
Pre-Service Firefighter	\$800.00
Public Relations	\$5.00
Respiratory Therapy	\$30.00
Welding Techniques	\$150.00
Woodworking Technician	\$125.00

## NOTES:

Students enrolled in programs longer than two semesters/ one year may be required to pay additional tuition and related fees. Other optional fees such as parking, books, late fees and deferrals are not shown.

The College reserves the right to change, amend or alter fees as necessary without notice or prejudice.

Please check the website for the most current tuition and related fees.

## ADDITIONAL INFORMATION

### REFUNDS

Students who officially withdraw within ten class days of the beginning of a term will receive a refund of all tuition and tuition-related fees for that term less an administrative fee of \$100.00 (domestic)/\$412.00 (International) if your withdrawal is received by the Registrar's Office up to and including the tenth day of classes in the semester. The appropriate form is available from the Registrar's Office. It is the student's responsibility to ensure its completion and submission.

### SPLIT FEE PAYMENT

Full-time post-secondary students who choose to pay their fees by the semester rather than by the year, will be assessed a \$40.00 split fee payment in the first semester.

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\*St. Clair College Centre for the Arts (Downtown Windsor)

\*\*MediaPlex (Downtown Windsor)

\*\*\*First Nations Site

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achievement starts **HERE**

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 2007 Provincial Championship  
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 2006 Provincial Championship  
 2005 Provincial Championship  
 2004 Provincial Championship  
 2003 Provincial Championship  
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 Cross Country, Men's Individual  
 Badminton, Mixed Doubles  
 Badminton, Men's Doubles  
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 Fastball, Women's  
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 Badminton, Women's Doubles  
 Curling, Mixed  
 Basketball, Women's  
 Hockey, Men's  
 Hockey, Men's

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 2013 Provincial Championship  
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 2001 Regional Championship

Ontario Skills, Landscape Design  
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 Ontario Skills, IT Networking  
 Ontario Skills, OTSC Pin Design  
 Ontario Skills, OTSC Medal Design  
 Ontario Skills, OTSC Pin Design  
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 Advertising Educators Association of Canada  
 Ontario Skills, Mechatronics  
 Canada Skills, Mechatronics  
 Ontario Skills, Mechanical CAD  
 Concrete Canoe Club, Best Product Design  
 Ontario Skills, Landscape Design  
 Ontario Skills, Precision Metalcutting  
 Ontario Skills, Mechanical CAD  
 Advertising Educators Association of Canada, IMC Competition  
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 Canada Skills, Mechatronics  
 Canada Skills, Mechanical CAD  
 Skills Ontario, Mechanical CAD  
 Concrete Canoe Club, Best Product Design  
 Ontario Skills, Landscaping Gardening  
 Ontario College Marketing Competition, Marketing  
 Advertising Educators Association of Canada  
 Concrete Canoe Club, Best Product Design

# COLLEGE-WIDE OPEN HOUSE



**SAT. NOV. 23, 2013 - 10am - 1pm**  
**SAT. MAR. 22, 2014 - 10am - 1pm**

All campuses will be open

**519-972-2760**  
**[tour@stclaircollege.ca](mailto:tour@stclaircollege.ca)**

- Check out the campus
- Meet our Faculty
- Explore your program of interest
- Win prizes



Windsor Campus  
2000 Talbot Rd. W.  
Windsor, ON  
N9A 6S4  
**519.972.2759**

St. Clair College Centre for the Arts  
201 Riverside Dr. W.  
Windsor, ON  
N9A 5K4  
**519.972.2727**

St. Clair College MediaPlex  
275 Victoria Ave.  
Windsor, ON  
N9A 6Z8  
**519.972.2727**

Chatham Campus  
1001 Grand Ave. W.  
Chatham, ON  
N7M 5W4  
**519.354.9714**



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**[stclaircollege.ca](http://stclaircollege.ca)**

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