

# ST. CLAIR

COLLEGE



## 2016-2017 Dual Credits

### Fall 2016 (Sept 29-Jan 19)

#### WINDSOR CAMPUS

Basic Welding Process & Fabricating  
Communications & Customer Service Skills  
Conflict Management  
Firefighting & Apparatus  
Foundations of Exercise Training  
Fundamentals - Photojournalism  
Health & Wellness Fundamentals  
Home Renovation Trade Skills  
Intro to Animation Fundamentals  
Introduction to Early Childhood Education  
Refrigeration 1  
Vehicle Suspension, Steering & Brakes

**SWAC Only** - Lifestyle & Fitness Management

#### CHATHAM CAMPUS

Developmental Disabilities 1  
Electricity 1  
Health & Wellness Fundamentals  
Introduction to Esthetician Essentials

**SWAC Only** - Lifestyle & Fitness Management

### Winter 2017 (Feb 16-Jun 1)

#### WINDSOR CAMPUS

Baking and Pastry Arts Level 1  
Basic Welding Process & Fabricating  
Cut and Style Hair  
Drive Train Standard Transmission I  
Electricity 1  
Fashion Drawing  
General Machining TRADE THEORY I  
Health & Wellness Fundamentals  
Home Renovation Trade Skills  
Interior Design Illustration  
Introduction to Esthetician Essentials  
Introduction to Sport Marketing  
**PC CAD (Intro to)**  
Positive Child Guidance (ECE)  
Visual Design with Computers

**SWAC Only** - Interpersonal Violence in Canadian Society

#### CHATHAM CAMPUS

Communications & Customer Service Skills  
Conflict Management  
Health & Wellness Fundamentals  
**Introduction to Renewable Electricity Systems**

**SWAC Only** - Interpersonal Violence in Canadian Society

### Spring 2017 (May 1-Jun 23)

#### APPRENTICESHIPS (WINDSOR CAMPUS)

Automotive Service Technician (310S)  
Electrician: Construction & Maintenance (309A)

*See subsequent pages for Course  
Descriptions, Codes and Times.*

For more information contact: **Art Barron**, Supervisor of Youth Development Programs  
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# WINTER 2017 – WINDSOR (SOUTH) CAMPUS

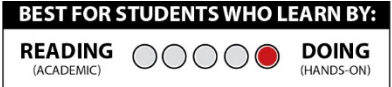
FALL CLASSES WILL RUN 15 WEEKS THURSDAYS FEBRUARY 16 – JUNE 1

## BAKING & PASTRY ARTS LEVEL 1 - Thursdays: 1pm-6pm

**College Course Code:** FSA178      **Ministry Course Code:** TUE4T

**College Course(s):** Culinary Management

Students will learn the basic skills required to produce a variety of cakes, pies, pastries, breads and desserts. The proper use of baking equipment, terminology, ingredients and mixing techniques will be taught through theory, lecture and practical assignments in a baking lab. Evaluation techniques for taste, texture and visual appeal will be taught to ensure students understand the importance of baked goods as a menu item. Practical skills will be mastered through extensive production of baked goods according to recipe specifications.

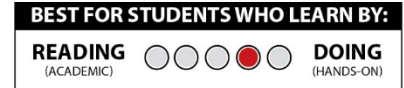


## BASIC WELDING PROCESS & FABRICATING - Thursdays: 1pm-4pm

**College Course Code:** WLD208      **Ministry Course Code:** TLL4T

**College Course(s):** Mechanical Engineering Technology - Industrial

An introductory course designed to provide a general knowledge of commonly used thermal metalworking processes such as welding and cutting. This course also has a practical element to develop competencies in shielded metal arc welding in the flat position, oxy-fuel welding, brazing, and cutting. Theory and shop demonstrations will also provide a basic understanding of G.T.A.W. and G.M.A.W. processes and equipment. Interpretation of weld symbols, metal preparation and forming, layout, fitting, and finishing skills will also be introduced.

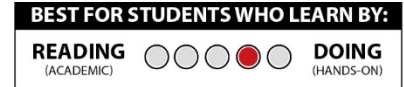


## Cut And Style Hair Thursdays: 1pm-4pm

**College Course Code:** n/a      **Ministry Course Code:** n/a

**College Course(s):** This course does NOT give credit to any college program.

Through completion of this course, students acquire the knowledge and skills to identify, select and use a variety of cutting and styling tools to cut and style medium to long lengths of hair to meet the needs and expectations of the client. Students learn to conduct an effective consultation and select appropriate products and applications techniques necessary to produce a finishing style to ensure client satisfaction. Shampoo and draping techniques will also be studied.

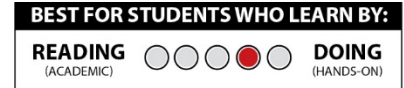


## DRIVE TRAIN STANDARD TRANSMISSION I Thursdays: 1pm-4pm

**College Course Code:** MPI119      **Ministry Course Code:** TTX4T

**College Course(s):** Motive Power (Automotive Mechanic)

This course will provide an in-depth study of the design features, operating principles, static and dynamic test procedures of standard gear transmissions and driveline systems. The student will also learn to evaluate systematic problems logically, describe and perform service repair operations.



## ELECTRICITY 1 - Thursdays: 1pm-4pm

**College Course Code:** ELC 012      **Ministry Course Code:** TNK4T

**College Course(s):** Mechanical Engineering Technician - Industrial

A basic level Electrical course which teaches simple residential circuits, basic principles of electricity, Ohm's law, installation wiring, tools & equipment, and electrical code through theory and practical labs. This course is developed for mechanically oriented trades such as machine repair/build and millwright.

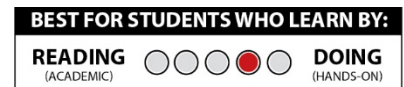


## FASHION DRAWING Thursdays: 1pm-4pm

**College Course Code:** FAS 100      **Ministry Course Code:** AVD4T

**College Course(s):** Fashion Design

An introduction to the basic anatomy of the human body is an essential foundation to fashion drawing. Students will gain an understanding of the structure, balance and movement of the human form and how it is incorporated into fashion images. Emphasis is placed on visual awareness and its relationship to perspective and proportion. Students will be introduced to the concept of sketching designs and garments in the flat form rather than on the fashion figure. Students will develop drawing skills and rendering techniques using markers, pencils and water colours. Live models will be introduced at appropriate times.

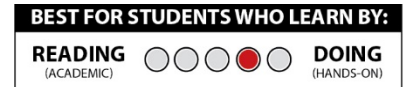


## (General Machining) TRADE THEORY 1 Thursdays: 1pm-5pm

**College Course Code:** IMM 104B      **Ministry Course Code:** N/A

**College Course(s):** General Machinist Apprenticeship - Level 1

This course is designed to introduce students to the basic level apprentice to the topics of: safety legislation lock-out and isolation procedures, protective clothing and equipment, confined space procedures, housekeeping rules, electrical and chemical hazards; the appropriate type of fire suppression system for specific fire classifications; knowledge of the units of measurement used in the trade; knowledge of the selection, safe use and care of hand & power tools used in the trade. To develop knowledge and skill in the correct use of tools in the maintenance and installation of equipment.



### HEALTH & WELLNESS FUNDAMENTALS - Thursdays: 1pm-4pm

**College Course Code:** HCE125N **Ministry Course Code:** PPI4T

**College Course(s):** This course does **NOT** give credit to any college program.

The course presents four main subject areas that will help students interested in Health and Wellness professions to become certified in those subject areas. Upon completion the student will receive certification in First Aid, CPR, Oxygen Therapy, WHIMIS, Non-Violent Crisis Intervention, and Basic Infection Control.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC) ○ ○ ● ○ ○ **DOING** (HANDS-ON)

### HOME RENOVATION TRADE SKILLS - Thursdays: 1pm-4pm

**College Course Code:** BDT210 **Ministry Course Code:** TSP4T

**Campus:** South Windsor **SHSM Connection:** Construction

**College Course(s):** This course does **NOT** give credit to any college program.

This course introduces the student to the design, planning, layout and construction components needed to layout and erect a simple structure such as a garage or shed or even an addition to an existing structure. The student will be required to conform to site specific safety practices and regulations while performing construction tasks, such as wearing personal protective equipment, proper hoisting and rigging techniques and fall arrest.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC) ○ ○ ○ ○ ● **DOING** (HANDS-ON)

### (Interior) DESIGN ILLUSTRATION - Thursdays: 1pm-4pm

**College Course Code:** IND107A **Ministry Course Code:** N/A

**College Course(s):** Interior Design

In this course, the students will be introduced to the basic processes of producing quality perspective renderings, clearly characterizing various object related to interiors. Students will be involved in extensive freehand sketching and will work with various rendering media such as lead and colouring pencils, pen and ink. Emphasis will be placed on speed and accuracy in illustration work.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC) ○ ○ ● ○ ○ **DOING** (HANDS-ON)

### INTRODUCTION TO ESTHETICIAN ESSENTIALS - Thursdays: 1pm-4pm

**College Course Code:** N/A **Ministry Course Code:** N/A

**College Course(s):** his course does **NOT** give credit to any college program.

Students will gain knowledge along with hands-on instruction in various Esthetics services including basic manicures, pedicures, facial waxing and makeup applications. This course of study includes safe use of sterilization and disinfection methods and their importance as it pertains to the Esthetic Industry. Students will also gain an understanding of interpersonal skills, professionalism and time management.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC) ○ ○ ○ ○ ● **DOING** (HANDS-ON)

### INTRODUCTION TO SPORT MARKETING - Thursdays: 1pm-4pm

**College Course Code:** SRM102 **Ministry Course Code:** N/A

**College Course(s):** Sport & Recreation Management

This course will give students a practical overview and understanding of the marketing process in relation to the sports industry. Students will learn how administrators in the industry plan, price, promote, research and predict consumer behaviour when marketing their product and/or service.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC) ○ ○ ○ ○ ● **DOING** (HANDS-ON)

### PC CAD (Intro to) - Thursdays: 1pm-4pm

**College Course Code:** MET 139 **Ministry Course Code:** N/A

**College Course(s):** Mechanical Engineering Technology - Automotive Product Design

This course will introduce the learner to the design and drafting of mechanical parts using micro-computer based CAD software (AutoCAD). Building on the knowledge acquired in Mechanical Drafting, the learner will create and detail 2D and 3D entities, the sectional views related to those parts, and multi-view drawings.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC) ○ ○ ○ ○ ● **DOING** (HANDS-ON)

### POSITIVE CHILD GUIDANCE - Thursdays: 1pm-4pm

**College Course Code:** ECE 120 **Ministry Course Code:** TOR4T

**College Course(s):** Early Childhood Education

This course is designed to support students on their path to becoming Registered Early Childhood Educators (R.E.C.E.) with practical strategies for supporting the social and emotional growth of children aged 1.5 to 6 years of age. This child-centred problem-solving philosophy is based on current research in child development and Early Childhood Education.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC) ● ○ ○ ○ ○ **DOING** (HANDS-ON)

### VISUAL DESIGN WITH COMPUTERS - Thursdays: 1pm-4pm

**College Course Code:** PBR102 **Ministry Course Code:** N/A

**College Course(s):** Public Relations

Visual Design with Computers will provide students with an introduction to Graphic Design practices including theoretical, conceptual, layout and production skills. Students will develop skills using computer-based graphic design software programs to create effective two-dimensional printed layouts to promote a personality, product or service, with a stated goal to develop an introduction to graphic design principles. Students will learn terminologies that will allow them to effectively communicate with Graphic Design professionals, including potential clients and co-workers.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC) ○ ○ ○ ● ○ **DOING** (HANDS-ON)

## WINTER 2017 – THAMES/CHATHAM CAMPUS:

FALL CLASSES WILL RUN 15 WEEKS THURSDAYS FEBRUARY 16 – JUNE 1

### COMMUNICATIONS AND CUSTOMER SERVICE Thursdays: 1pm-4pm

**College Course Code:** HOS140

**Ministry Course Code:** TFY4T

**College Course(s):** Hospitality Management – Hotel & Restaurant

With the important role communication plays in delivering the best possible service in the hospitality field, students will learn the techniques necessary to plan and complete a variety of verbal and written communications tasks. Applied knowledge of group dynamics, active listening, team building, and dispute resolution skills will be learned and practiced. Students will recognize their contribution to guest services and customer satisfaction and the roles they play in the success of a hospitality operation. This course also incorporates the Service Excellence program and awards the **Service Excellence certificate** upon successful completion.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC)      **DOING** (HANDS-ON)

### CONFLICT MANAGEMENT Thursdays: 1pm-4pm

**College Course Code:** PFP405

**Ministry Course Code:** BON4T

**College Course(s):** Police Foundations & Border Services

Crisis Intervention is designed to foster confidence and competence when dealing with potentially violent situations. The student learns to recognize behavioural responses to crises and respond with non-violent resolutions through verbal and non-verbal intervention. Areas explored will be suicide, domestic violence, addiction, bereavement, violent behaviour in institutions and children's reaction to crises.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC)      **DOING** (HANDS-ON)

### INTRO RENEWABLE ELECTRICITY SYSTEMS- Thursdays: 1pm-4pm

**College Course Code:** RET 201

**Ministry Course Code:** n/a

**College Course(s):** Sustainable Energy Technician

Students in this course will learn the basics of renewable electricity generation with particular emphasis on wind and solar energy. Topics will include wind and solar resources, basic system components, system types, and applications.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC)      **DOING** (HANDS-ON)

### HEALTH & WELLNESS FUNDAMENTALS Thursdays: 1pm-4pm

**College Course Code:** HCE125N

**Ministry Course Code:** PPI4T

**College Course(s):** This course does **NOT** give credit to any college program.

The course presents four main subject areas that will help students interested in Health and Wellness professions to become certified in those subject areas. Upon completion the student will receive certification in First Aid, CPR, Oxygen Therapy, WHIMIS, Non-Violent Crisis Intervention, and Basic Infection Control.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC)      **DOING** (HANDS-ON)

## SPRING 2017 – LEVEL ONE APPRENTICESHIPS:

APPRENTICESHIP CLASSES WILL RUN 8 WEEKS MON-FRI – MAY 1-JUNE 23

Program is tuition free and all materials, transportation and room and board (for students outside of Windsor) will be provided. Successful student will earn up to 2 secondary credits as well as their level 1 apprenticeship completion. Students must have a signed training agreement in these trades through OYAP to qualify.

There will be a mandatory Apprenticeship Orientation night on April 5, 2017 for all registered students.

### AUTOMOTIVE SERVICE TECHNICIAN – LEVEL 1 APPRENTICESHIP

**College Course Code:** 310S

**Ministry Course Code:** TTE4Y

**Campus:** South Windsor

**Length:** 8 weeks (240 hours)

Automotive Service Technicians (310S), sometimes referred to as Motor Vehicle Mechanics inspect, diagnose, repair and service mechanical, electrical and electronic systems and components for cars, buses and trucks. They also perform major repair and replacement of mechanical units on newly assembled motor vehicles. Technicians may choose to specialize in engine and fuel systems, brakes, drive lines, suspension, electrical and electronic systems or diagnostic services.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC)      **DOING** (HANDS-ON)

### Electrician: Construction & Maintenance – LEVEL 1 APPRENTICESHIP

**College Course Code:** 309A

**Ministry Course Code:** TNA4Y

**Campus:** South Windsor

**Length:** 8 weeks (240 hours)

This apprenticeship program is designed to provide students with the theoretical principles and trade skills required for careers as electricians. The program also fulfills the in-school requirements for the first of three levels of the Provincial Construction and Maintenance Electrician apprenticeship program.

**BEST FOR STUDENTS WHO LEARN BY:**

**READING** (ACADEMIC)      **DOING** (HANDS-ON)