

2023-2024 Dual Credits

Winter 2024 – In Person (Feb. 15 – May 30)

Fall 2023- In Person (Sept. 28 – Jan. 18)

Thursday Afternoons - Windsor Campus	Thursday Afternoons – Windsor Campus
Intro To Food and Beverage 1 – HOS 142/TBD Conflict Management- PFP 405/BON4T Travel & Tourism – TOR118G/TBD *ONLINE* Digital Photography – GRD 102/AFK4T Residential Installation Practices (Electricity)– ELC 158/TBD ^{4hr} Construction Applications ARC211DC/TSC4T ^{4hrs.} Basic Welding Process & Fabricating – WLD 208/TLL4T Introduction to Layout & Design – ADV 107/AEL4T Introduction To Automotive Industry – MPI 114/TBD ^{4hrs.} Building Responsive Relationships – ECE 139/TBD Business Of Event Management – EVM 101 - TBD	Baking and Pastry Arts Level 1 – FSA 178/TUE4T 5hrs. Professional Development in Health Care – PDH 50/PHJ4T Interior Design Illustration 1 – IND 107A/AFA4T Visual Design with Computers- PBR 102/IBP4T Hospitality Certifications - HOS 117/TFD4T *ONLINE * Manicure Techniques - COS 162/TXU4T 4hrs. Basic Welding Process & Fabricating – WLD 208/TLL4T Custom Cabinetry – BDT 221/TWC4T 4hrs Engine Company Operations (Firefighting)- PSF 129/TYH4T Electricity, Raceway Installations – ELC161/TNP4T Robotics DC Fundamentals – ELT 13/TBD 4hrs Plumbing Metal Joining – PLB124/TSB4T 4hrs
Thursday Afternoon – Chatham Campus	Thursday Afternoon – Chatham Campus
Introductory Fluid Power (Electrical) – ELC 102/TBD Digital Photography - GRD102/AFK4T Building Responsive Relationships- ECE 139/TBD Powerline Trade Awareness & Safety – PLT110/PPO4T 4hrs. Foundations of Exercise training – FHT 104/PLP4T	Powerline Trade Awareness- PLT110/PPO4T4hrs.Wellness, Mind & Body – SSC 185G/PPJ4TCulture & Artistic Expression – NST205G/NAI4TDigital Photography - GRD102/AFK4TConstruction Applications – ARC 211DC/TSC4T4hrs.
Spring Fast-Track Dual Credit – Online (June 3-June 21)	Spring Apprenticeships 2024 (April 29 – June 21)
Basic Psychology – SSC160/HBB4T Criminology – JUS203/HCC4T Wellness, Mind & Body – SSC185G/PPJ4T	Hairstylist - 332A/TXF4Y General Carpenter - 403A/TSA4Y Plumbing– 306A/TSB4Y Electrician – 309A/TNA4Y (8 weeks – M-F)

For more information contact: **Andrea Bagnarol**, Supervisor of Youth Development 519-927-2727 ext. 5403 | Mobile: 519-819-9227 <u>abagnarol@stclaircollege.ca</u>

FALL 2023 – WINDSOR (SOUTH) CAMPUS

Fall Classes will run 15 weeks, Thursdays, September 28 – January 18

INTRO TO FOOD & BEVERAGE 1 – Thursdays: 1pm-4pm College Course Code: HOS142 Ministry Course Code: TBD

College Program(s): Hospitality – Hotel & Management

This course introduces the Hospitality student to the Food and Beverage Industry and the different types of operations and positions within it. Further, students investigate various service types and table settings, detailing the tasks and responsibilities required by the personnel to operate meal periods successfully. Students also explore matching menu items with correct utensils, condiments, and selecting appropriate beverage options. Further, students will complete the Perfect Server certification.

CONFLICT MANAGEMENT - Thursdays: 1pm-4pm College Course Code: JUS 202 Ministry Course Code: BON4T

College Program(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.

TRAVEL & TOURISM - Thursdays: 1pm-4pm - ONLINE College Course Code: TOR118G Ministry Course Code: TBD

College Program(s): Tourism – Travel. This is General Elective can be used toward most St. Clair College programs This course is a people centred study involving an in-depth look at the world's major cultures in relation to the travel industry. The study of each culture will focus on cultural traditions and customs (including do's and don'ts), class distinctions, conducting business, languages, dress, cuisine, festivals and sports, religious beliefs, and artistic accomplishments. The areas of study will include Africa, Asia, Australia, Middle East, Europe and Latin America. This course will foster cultural literacy, tolerance and appreciation for the immense variety of peoples in the world.

DIGITAL PHOTOGRAPHY - Thursdays: 1pm-4pm College Course Code: GRD102 Ministry Course Code: AFK4T

College Program(s): Graphic Design

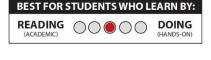
This course will cover the basics of the exciting world of digital photography. This foundational course covers the basics of photography: the art of seeing, composition, lighting, understanding resolution, printing/output for best results, and distribution methods. The curriculum will also cover the significant role played by the photographer in the design process.

RESIDENTIAL INSTALLATION PRACTICES (Electrical) - Thursdays: 1pm-5pm College Course Code: ELC 158 Ministry Course Code: TBD

College Program(s): Electrical Techniques

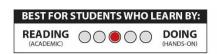
This course is designed for students entering the electrical field. Students will be introduced to the safety requirements and practices of the electrical trade. The student will learn the proper use and operation of common hand and power tools used in the electrical field. The student will also construct electrical circuits used in residential applications based upon assigned specifications.

BEST FOR STUDENTS WHO LEARN BY:



BEST FOR STUDENTS WHO LEARN BY:

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CONSTRUCTION APPLICATIONS - Thursdays: 1pm-5pm *4 hours College Course Code: ARC211DC Ministry Course Code: TSC4T

College Program(s): Civil Engineering Technology

(FORMERLY HOME RENOVATION TRADE SKILLS) This course enables the student to plan and execute a series of interior and exterior current day building techniques involved in residential and commercial building construction. This includes wall construction, gypsum wallboard, flooring, siding and roofing installation. In addition, the student - will execute plumbing techniques and learn electrical wiring codes and wiring schematics.

BASIC WELDING PROCESS & FABRICATING - Thursdays: 1pm-4pm College Course Code: WLD208 Ministry Course Code: TLL4T

College Program(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.

INTRO. TO LAYOUT & DESIGN - Thursdays: 1pm-4pm College Course Code: ADV107 Ministry Course Code: AEL4T

College Program(s): Advertising & Marketing Communications Management

This introductory course applies the basic elements of design and its principles in order to problem solve hypothetical design situations. Instructions will explore the stages involved in producing strategic solutions for the advertising, marketing, and communications industry. Students learn the creative process involved in creating ideas with a focus on the strong understanding of the roll of illustration, typography, and layout.

INTRODUCTION TO AUTOMOTIVE INDUSTRY -Thursdays: 1pm-5pm* 4 hours College Course Code: MPI 114 Ministry Course Code: TBD

College Program(s): Motive Power Technician

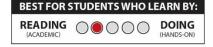
This course is a study and application of shop safety and procedures, including automotive customer relations. This will include hand and power tool safety, proper hoist operation and vehicle lifting. Explanation of proper use and selection of personal protective equipment. Explanation of WHMIS and how it relates to safe handling and storage of chemicals. Fire prevention procedures and extinguishers will be covered. The occupational health and safety guidelines explaining how they affect a worker in the workplace. Workers' rights and responsibilities in the workplace will be covered.

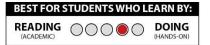
BUILDING RESPONSIVE RELATIONSHIPS - Thursdays: 1pm-4pm College Course Code: ECE 139 Ministry Course Code: TBD

College Course(s): Early Childhood Education

This course is designed to support students in developing an understanding of social-emotional learning in children. It includes the impact of a variety of environments and interactions on children's abilities to







BEST FOR STUDENTS WHO LEARN BY:

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regulate and to develop efficient coping mechanisms in early childhood. Evidence-based strategies to promote children's sense of self, appropriate social interactions and sense of well-being will support students on their paths to becoming Registered Early Childhood Educators.

FALL 2023 – CHATHAM CAMPUS

Fall Classes will run 15 weeks Thursdays September 29 – January 18

INTRO TO FLUID POWER- Thursdays: 1pm-4pm College Course Code: ELT 102 Ministry Course Code: TBD

College Program(s): Electrical Engineering Technician

This course introduces the student to the basic principles and applications of fluid power in industry. Studies begin with the basic principles of hydraulics and pneumatics, and the safety aspects involved with fluid power. Actuators and components utilized in the production, preparation, and control of fluid power will be examined for their purpose, characteristics of operation, and implementation in circuits. Hydraulic and pneumatic circuits, circuit logic and component depiction in schematic diagrams utilizing standard symbols will be covered. Lab exercises will allow students to construct and troubleshoot fluid power circuits.

DIGITAL PHOTOGRAPHY - Thursdays: 1pm-4pm

College Course Code: GRD102

College Program(s): Graphic Design

This course will cover the basics of the exciting world of digital photography. This foundational course covers the basics of photography: the art of seeing, composition, lighting, understanding resolution, printing/output for best results, and distribution methods. The curriculum will also cover the significant role played by the photographer in the design process.

Ministry Course Code: AFK4T

BUILDING RESPONSIVE RELATIONSHIPS - Thursdays: 1pm-4pm College Course Code: ECE 139 Ministry Course Code: TBD

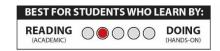
College Program(s): Early Childhood Education

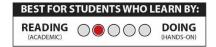
This course is designed to support students in developing an understanding of social-emotional learning in children. It includes the impact of a variety of environments and interactions on children's abilities to regulate and to develop efficient coping mechanisms in early childhood. Evidence-based strategies to promote children's sense of self, appropriate social interactions and sense of well-being will support students on their paths to becoming Registered Early Childhood Educators.

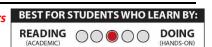
POWERLINE TRADE AWARENESS & SAFETY -Thursdays: 1pm-5pm*4 Hours BEST FOR STUDENTS WHO LEARN BY: College Course Code: PLT110 Ministry Course Code: PPO4T

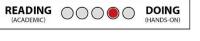
College Program(s): Powerline Technician

This course introduces the regulations and safety rules that apply to the daily routines of a powerline technician. Students gain theoretical training to operate and maintain a variety of specialized live line tools required to work on or near live power lines, including specialized hand tools for specific tasks. They will learn about the care, use, selection and assembly of their personal climbing and protective equipment. They will be given the theory of pole and ladder climbing along with the appropriate rescue techniques. Students will be prepared to safely perform practical skills required in the powerline field.









BEST FOR STUDENTS WHO LEARN BY:

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College Program(s): Interior Design

College Course Code: IND107A

(INTERIOR) DESIGN ILLUSTRATION - Thursdays: 1pm-4pm

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.

Ministry Course Code: AFA4T

WINTER 2024 – WINDSOR (SOUTH) CAMPUS

WINTER CLASSES WILL RUN 15 WEEKS THURSDAYS February 15 – May 30

BAKING & PASTRY ARTS LEVEL 1 - Thursdays: 1pm-6pm*5 hours College Course Code: FSA178 Ministry Course Code: TUE4T

College Program(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.

PROFESSIONAL DEVELOPMENT IN HEALTH CARE - Thursdays: 1pm-4pm College Course Code: PHD50 Ministry Course Code: PHJ4T

College Program(s): Pre-Health Sciences Pathway to Advanced Diplomas and Degrees

The focus of this course is to prepare students for academic success in the healthcare education programs by focusing on interpersonal skills as well as professional development strategies. Students will use research to explore career opportunities in the health-related fields including educational training, certifications, professional associations, current issues and trends, as well as ways to stay well-informed to the upcoming changes, technological advancements and best practices. The course will emphasize the importance of selfevaluation and reflection as tools for identifying the academic and career goals. Students will examine and develop, through practical sessions and activities, skills and personal traits that can have a positive effect in their career choices and professional development.

principles and techniques in order to increase fitness, maximize performance, and minimize injury when designing exercise programming through lectures and practice demonstrations. Students will gain knowledge of how to increase fitness, maximize performance, and minimize injury when designing exercise programming. Topics of study are based on the guidelines of the National Strength and Conditioning Association, American College of Sports Medicine, and Canadian Society of Exercise Physiology.

Ministry Course Code: PLP4T

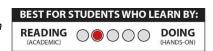
This course is designed for students to learn the fundamentals of proper exercise training and conditioning

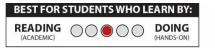
College Program(s): Fitness & Health Promotion

College Course Code: FHT 104

FOUNDATIONS OF EXERCISE TRAINING -Thursdays: 1pm-4pm

BEST FOR STUDENTS WHO LEARN BY:









(ACADEMIC)

VISUAL DESIGN WITH COMPUTERS - Thursdays: 1pm-4pm College Course Code: PBR102 Ministry Course Code: IBP4T

College Program(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 computerbased 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.

HOSPITALITY CERTIFICATIONS - Thursdays: 1pm-4pm - ONLINE College Course Code: HOS 117 Ministry Course Code: TFD4T

College Program(s): Hospitality Because of the legal, ethical, and competitive contexts in which the hospitality industry operates, industry professionals must be trained and certified in a number of important areas of skill and knowledge. From a safety standpoint, students must be able to work in an atmosphere that safeguards personal health and safety. As professionals handling food, students must ensure that all safe food handling practices are consistently followed. As professional beverage servers and managers, students must recognize the legal and ethical standards for handling and serving alcohol. As customer service professionals and managers, students will demonstrate the skills and knowledge required to provide the best possible guest experience. This course will include education in and certification for students in the areas of Occupational Health and Safety, Workplace Hazardous Materials Information System (WHMIS), Safe Food Handling, Smart Serve, and Service Excellence.

MANICURE TECHNIQUES - Thursdays: 1pm-5pm *4 hours College Course Code: COS 162 Ministry Course Code: TXU4T

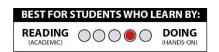
College Program(s): Esthetician

This course focuses on basic nail care, nail repair and contemporary nail enhancements such as nail art design. Major topics include nail disorders and disease, infection control and the necessary safety standards to ensure a professional nail service for the individual client. Students will also learn how to develop and maintain client relationships while providing a relaxing yet revitalizing spa experience.

BASIC WELDING PROCESS & FABRICATING - Thursdays: 1pm-4pm College Course Code: WLD208 Ministry Course Code: TLL4T

College Program(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.

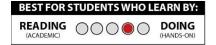


BEST FOR STUDENTS WHO LEARN BY:

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CUSTOM CABINETRY - Thursdays: 1pm-5pm *4 hours College Course Code: BDT 221 Ministry Course Code: TWC4T

College Program(s): Custom Cabinetry

This course, custom cabinetry projects such as built-ins, closets and wall units are designed and produced to predetermined specifications.

ENGINE COMPANY OPERATIONS (FIREFIGHTING) - Thursdays: 1pm-4pm Ministry Course Code: TYH4T College Course Code: PSF129

College Program(s): Pre-Service Firefighter Education and Training

This course is designed to provide the learner with general guidelines for appropriate fire extinguisher selection and use. The student will also learn about fire service water supply methods and uses.

ELECTRICITY-RACEWAY INSTALLATIONS -Thursdays: 1pm-4pm College Course Code: ELC 161 Ministry Course Code: TNP4T

College Program(s): Mechanical Engineering Technician - Industrial

In this "hands-on" practical course students will develop their knowledge and skills pertaining to commercial Wiring installation procedures., Students will demonstrate proper tool selection and usage, circuit testing, and correct selection of materials for proper electrical circuit installations required for commercial environments. Students will learn proper installation and bending techniques for Rigid and Poly Vinyl Chloride (PVC) conduit and Electrical Metallic Tubing incorporating the use of various types of benders.

ROBOTICS DC FUNDAMENTALS - Thursdays: 1pm-5pm *4 hours College Course Code: ELT 103 Ministry Course Code: TBD

College Program(s): Electrical Engineering Technician, Electromechanical Engineering Technician-Robotics, Powerline

This course is an introduction to the fundamentals of direct current (DC) electricity. DC theory, laws and theorems will be applied both in the classroom and in the laboratory setting. Students will study and solve series, parallel, and combination connected electric circuits consisting of resistors, inductors, and capacitors, under DC conditions. In the lab, students will merge theory with practice by using measurement instruments like the digital multimeter and oscilloscope, to measure circuit parameters such as voltage, current and resistance.

PLUMBING METAL JOINING - Thursdays: 1pm-4pm *4 hours College Course Code: PLB 124 Ministry Course Code: TSB4T

College Program(s): Plumbing Techniques

An introductory course which provides theoretical and practical training for the student to flare, swage, braze, and solder copper piping, and to cut or weld (SMAW) plate and angle steel in a safe manner.



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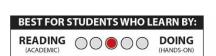
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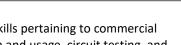
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WINTER 2024 – CHATHAM CAMPUS

WINTER CLASSES WILL RUN 15 WEEKS THURSDAYS FEBRUARY 15 - May 30

 POWERLINE TRADE AWARENESS & SAFETY - Thursdays: 1pm-5pm *4 Hours

 College Course Code: PLT110
 Ministry Course Code: PPO4T
 BEST FOR STUDENTS WHO LEARN BY:

College Programs(s): Powerline Technician

This course introduces the regulations and safety rules that apply to the daily routines of a powerline technician. Students gain theoretical training to operate and maintain a variety of specialized live line tools required to work on or near live power lines, including specialized hand tools for specific tasks. They will learn about the care, use, selection and assembly of their personal climbing and protective equipment. They will be given the theory of pole and ladder climbing along with the appropriate rescue techniques. Students will be prepared to safely perform practical skills required in the powerline field.

WELLNESS, MIND & BODY- Thursdays: 1pm-4pm College Course Code: SSC 185G Ministry Course Code: PPJ4T

College Program(s): This is General Elective course and can be used toward most St. Clair College programs & Social Sciences.

Wellness is about taking charge of your life making wise choices and charting a path to a healthier you. Explore the dimensions of wellness and pursue practical strategies for developing a healthy lifestyle in all aspects of your life. This course will help you understand how the choices you make impact your evolution relationship with others and place in the environment. Gain awareness of all aspects of your personal wellness so that you can live responsibly and reach your full potential.

CULTURE-ARTISTIC EXPRESSION - Thursdays: 1pm-4pm College Course Code: NST205G Ministry Course Code: NBL4T

College Program(s): This is General Elective course and can be used toward most St. Clair College programs & Native Community Worker and Native Early Childhood Education.

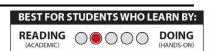
OPEN TO INDIGENOUS AND NON-INDIGENOUS STUDENTS – This course is a general elective

This course introduces students to traditional and contemporary forms of cultural expression in Native North America. The course also provides students the opportunity to have a "hands-on" experience through understanding the historical context, the beauty, and the function of an object, identify characteristics and produce a work of art.

DIGITAL PHOTOGRAPHY - Thursdays: 1pm-4pm College Course Code: GRD102 Ministry Course Code: AFK4T

College Program(s): Graphic Design

This course will cover the basics of the exciting world of digital photography. This foundational course covers the basics of photography: the art of seeing, composition, lighting, understanding resolution, printing/output for best results, and distribution methods. The curriculum will also cover the significant role played by the photographer in the design process



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 CONSTRUCTION APPLICATIONS - Thursdays: 1pm-5pm *4 hours

 College Course Code: ARC211DC
 Ministry Course Code: TSC4T

College Program(s): Civil Engineering Technology

(FORMERLY HOME RENOVATION TRADE SKILLS) This course enables the student to plan and execute a series of interior and exterior current day building techniques involved in residential and commercial building construction. This includes wall construction, gypsum wallboard, flooring, siding and roofing installation. In addition, the student - will execute plumbing techniques and learn electrical wiring codes and wiring schematics.

SPRING FAST-TRACK DUAL CREDITS June 3 – June 21

ONLINE DELIVERY (MON-FRI) 1 hour online and 2 hours self-study daily

BASIC PSYCHOLOGY- Monday-Friday: 3pm-4pm College Course Code: SSC 160 Ministry Course Code: HBB4T

College Program(s): General Education Electives & Social Sciences

This course is an introductory study of psychology. The curriculum focuses on the individual in society, the development of personality, human motivation, cognition, the dynamics of neurosis and the adjustment process as related to interpersonal relationships and cultural pressures.

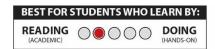
CRIMINOLOGY- Monday-Friday: 3pm-4pm College Course Code: JUS 203 Ministry Course Code: HCC4T

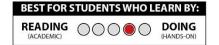
College Programs(s): Border Services, Community & Justices Services, Police Foundations, PSI This course will examine various types of crime and the criminal justice system. Students will examine deviance and causes of criminal behaviour from various historical and contemporary theoretical perspectives as well as ethical issues that impact criminal behaviour. Students will examine various research methods used in criminology.

WELLNESS, MIND AND BODY Thursdays: 1pm-4pm College Course Code: SSC185G Ministry Course Code: PHJ4T

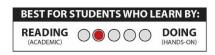
College Course(s): This is General Elective course and can be used toward most St. Clair College programs & Social Sciences.

Wellness is about taking charge of your life making wise choices and charting a path to a healthier you. Explore the dimensions of wellness and pursue practical strategies for developing a healthy lifestyle in all aspects of your life. This course will help you understand how the choices you make impact your evolution relationship with others and place in the environment. Gain awareness of all aspects of your personal wellness so that you can live responsibly and reach your full potential.









SPRING 2024 – LEVEL ONE APPRENTICESHIPS – April 29 – June 21

APPRENTICESHIP CLASSES WILL RUN 8 WEEKS MONDAY-FRIDAY – April 29-June 21, 2024

The program is tuition-free and all materials, transportation and room and board (for students outside of Windsor) will be provided. The 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 WEDNESDAY, APRIL 17th for all registered students.

Trades information – Skilled Trades Ontario

HAIRSTYLIST – LEVEL 1 APPRENTICESHIP

College Course Code: 332A

Ministry Course Code: TXF4Y

Campus: South Windsor Length: 8 Weeks April 29 – June 21

A Hairstylist performs a range of hairstyling services, including cutting, designing colouring, permanent waving, relaxing, and straightening. Specifically, a Hairstylist:

- performs health, safety, and sanitization procedures
- performs routine salon functions and service fundamentals
- treats scalp and hair
- cuts and styles hair •
- performs chemical treatments such as waving, relaxing, and straightening
- performs colour services
- works with wigs, hairpieces, and extensions • Hairstylist – Skilled Trades Ontario

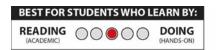
GENERAL CARPENTER – LEVEL 1 APPRENTICESHIP

College Course Code: 403A Ministry Course Code: TSA4Y **Campus:** South Windsor

Length: 8 Weeks April 29 – June - 21

A General Carpenter constructs, renovates and repairs structures made of wood, steel, concrete, and other materials in residential, commercial, and industrial construction sectors and in related industries. Specifically, a **General Carpenter:**

- Establishes building procedures and prepares work sites
- Lays out, constructs, and installs formwork and concrete foundations
- Frames floors, walls, ceilings, and roofs
- Finishes interiors and exteriors
- Constructs heavy framing
- Builds stairs, posts, and handrails
- Lays out, constructs, and installs door and window systems •
- Performs renovations • **General Carpenter - Skilled Trades Ontario**



BEST FOR STUDENTS WHO LEARN BY:

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PLUMBING – LEVEL 1 APPRENTICESHIP

College Course Code: 306A

Ministry Course Code: TSB4Y

Campus: South Windsor

Length: 8 Weeks April 29 – June - 21

A **Plumber** installs, repairs, and maintains piping systems, fixtures and other plumbing equipment used for water distribution, drainage, and waste disposal. Specifically, a Plumber:

- Lays out, assembles, installs, maintains, and repairs piping, fixtures and other components for the supply or disposal of water for any domestic or industrial purpose
- Connects any appliance that uses water
- Installs the piping for any process, including the conveyance of gas or any tubing for a pneumatic or airhandling system.
- Reads and understands design drawings, manufacturers' literature, and installation diagrams for piping and appliances.

Plumber – Skilled Trades Ontario

ELECTRICIAN – CONSTRUCTION AND MAINTENANCE

College Course Code: 309A Ministry Course Code: TNA4Y

Campus: South Windsor

Length: 8 Weeks April 29 – June - 21

An **Electrician, Construction Maintenance** plans, assembles, connects, installs, repairs, inspects, and maintains electrical systems in various settings (i.e., residential, commercial, institutional, industrial) Electrical systems include heating, lighting, power, communication, control, security systems, and renewable energy and energy storage systems. An **Electrician** – Construction and Maintenance also measures, cuts, threads, bends, assembles, and installs conduits, electrical conductor enclosures and supports.

- Lays out, assembles, installs, repairs, maintains, connects and/or tests electrical systems
- Plans installations from blueprints, sketches and specifications and installs all electrical and electrical and electronic devices
- Systematically diagnoses faults in electrical and electronic components, as required
- Measures, cuts, threads, bends, assembles, and installs conduits and other electrical conductor raceways
- Splices and terminates electrical conductors
- Tests electrical and electronic equipment to ensure that they are functioning properly <u>Electrician - Construction and Maintenance - Skilled Trades Ontario</u>



