2024/2025 Dual Credit Course Descriptions
Semester 2

Conestoga College Programs

Please Note: Conestoga College is still finalising Dual Credit course options for Semesters 1 & 2. Offerings are expected to be similar to those listed below, and will be confirmed towards the end of this school year. We will update the Course Descriptions and Registration form as soon as they are confirmed, we will send email updates of any major changes to dual credit and guidance contacts, and we will work directly with students to confirm preferences. All course codes & passing grades are also to be confirmed. Sorry for the inconvenience.

OYAP (Ontario Youth Apprenticeship Program):

Successful applicants will be required to have a Registered Training Agreement (Apprenticeship Registration) with an employer licensed in the Skilled Trade. Evidence of skills developed and experience gained will be required for an employer to agree to register a secondary school student as an apprentice. Students should plan well in advance for this opportunity by incorporating related technology courses, co-op, volunteer and work experience into their secondary pathway. Students will be expected to actively seek out possible employers.

OYAP Automotive Service Technician (interview required)
Course Code: TTE4Y
# of credits: 2-credit package
Semester: 2
Passing grade: 70% in ***EACH*** module
Campus: Guelph Campus

The Automotive Service Technician program combines a co-operative education course with Level 1 Apprenticeship training (TTE4Y) at the Guelph Campus of Conestoga College.

- earn two college trade school credits in the Skilled Trade Dual Credit Program
- earn 2 secondary Co-op/OYAP credits under the supervision of a secondary school co-op teacher
- receive support from a secondary school teacher in the transition to college
- have a clear and early orientation to college life and expectations
- be exempt from Conestoga College tuition fees and textbook costs

NOTE: Students are responsible for their **own transportation** to and from the College, steel toes, and safety glasses.

OYAP Brick and Stone Mason (interview required)
Course Code:TSZ4Y
# of credits: 2-credit package + 2 credits of Co-op
Semester: 2
Passing grade: 70% in ***EACH*** module
Campus: Waterloo Campus

The Brick and Stone Mason program combines a co-operative education course, along with both a Masonry Preparation course (TSD4T) and the Level 1 Apprenticeship training (TSZ4Y) at the Waterloo Campus of Conestoga College.

- earn two college trade school credits in the Skilled Trade Dual Credit Program
- earn 2 secondary Co-op/OYAP credits under the supervision of a secondary school co-op teacher
- receive support from a secondary school teacher in the transition to college
- have a clear and early orientation to college life and expectations
- be exempt from Conestoga College tuition fees and textbook costs

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OYAP Electrician (interview required)
Course Code:TNA4Y
# of credits: 2-credit package + 2 credits of Co-op
Semester: 2
Passing grade: 70% in ***EACH*** module
Campus: Reuter Drive Campus, Cambridge

The Electrician program combines a co-operative education course with Level 1 Apprenticeship training (TNA4Y) at the Reuter Drive Campus of Conestoga College.

- earn two college trade school credits in the Skilled Trade Dual Credit Program
- earn 2 secondary Co-op/OYAP credits under the supervision of a secondary school co-op teacher
- receive support from a secondary school teacher in the transition to college
- have a clear and early orientation to college life and expectations
- be exempt from Conestoga College tuition fees and textbook costs

NOTE: Students are responsible for their **own transportation** to and from the College, steel toes, and safety glasses.

Apply to programs using the Registration Form. If you have any questions, please send an email to claire.mccusker@ugdsb.on.ca (Conestoga programs) or leigha.turner@ugdsb.on.ca (Georgian, Humber & Sheridan programs + Re-engagement)

OYAP General Carpenter (interview required)
Course Code: TSA4Y
# of credits: 2-credit package + 2 credits of Co-op
Semester: 2
Passing grade: 70% in ***EACH*** module
Campus: Reuter Drive Campus, Cambridge

The General Carpentry program combines a co-operative education course with Level 1 Apprenticeship training (TSA4Y) at the Reuter Drive Campus of Conestoga College.

- earn college trade school credits in the Skilled Trade Dual Credit Program
- earn 2 secondary Co-op/OYAP credits under the supervision of a secondary school co-op teacher
- receive support from a secondary school teacher in the transition to college
- have a clear and early orientation to college life and expectations
- be exempt from Conestoga College tuition fees and textbook costs

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OYAP General Machinist (interview required)
Course Code: TRB4Y
# of credits: 2-credit package + 2 credits of Co-op
Semester: 2
Passing grade: 70% in ***EACH*** module
Campus: Reuter Drive Campus, Cambridge

The General Machinist program combines a co-operative education course with Level 1 Apprenticeship training (TRB4Y) at the Reuter Drive Campus of Conestoga College.

- earn college trade school credits in the Skilled Trade Dual Credit Program
- earn 2 secondary Co-op/OYAP credits under the supervision of a secondary school co-op teacher
- receive support from a secondary school teacher in the transition to college
- have a clear and early orientation to college life and expectations
- be exempt from Conestoga College tuition fees and textbook costs

NOTE: Students are responsible for their **own transportation** to and from the College, steel toes, and safety glasses.

OYAP Plumber (interview required)
Course Code:TSB4Y
# of credits: 2-credit package + 2 credits of Co-op
Semester: 2
Passing grade: 70% in ***EACH*** module
Campus: Waterloo Campus

The Plumber program combines a co-operative education course with Level 1 Apprenticeship training (TSB4Y) at the Waterloo Campus of Conestoga College.

- earn two college trade school credits in the Skilled Trade Dual Credit Program
- earn 2 secondary Co-op/OYAP credits under the supervision of a secondary school co-op teacher
- receive support from a secondary school teacher in the transition to college
- have a clear and early orientation to college life and expectations
- be exempt from Conestoga College tuition fees and textbook costs

NOTE: Students are responsible for their **own transportation** to and from the College, steel toes, and safety glasses.

OYAP Refrigeration & Air Conditioning Systems Mechanic (interview required)
Course Code: TZB4Y
# of credits: 2-credit package + 2 credits of Co-op
Semester: 2 (dates tbd)
Passing grade: 70% in ***EACH*** module
Campus: Reuter Drive Campus, Cambridge

The Refrigeration & Air Conditioning Systems Mechanic program combines a co-operative education course with Level 1 Apprenticeship training (TZB4Y) at the Reuter Campus of Conestoga College.

- earn college trade school credits in the Skilled Trade Dual Credit Program
- earn 2 secondary Co-op/OYAP credits under the supervision of a secondary school co-op teacher
- receive support from a secondary school teacher in the transition to college
- have a clear and early orientation to college life and expectations
- be exempt from Conestoga College tuition fees and textbook costs

NOTE: Students are responsible for their **own transportation** to and from the College, steel toes, and safety glasses.

OYAP Truck & Coach Technician (interview required)
Course Code: TTD4Y
# of credits: 2-credit package
Semester: 2
Passing grade: 70% in ***EACH*** module
Campus: Guelph Campus

The Truck & Coach Technician program combines a co-operative education course with Level 1 Apprenticeship training (TTD4Y) at the Guelph Campus of Conestoga College.

- earn college trade school credits in the Skilled Trade Dual Credit Program in May/June
- earn 2 secondary Co-op/OYAP credits under the supervision of a secondary school co-op teacher
- receive support from a secondary school teacher in the transition to college
- have a clear and early orientation to college life and expectations
- be exempt from Conestoga College tuition fees and textbook costs

NOTE: Students are responsible for their **own transportation** to and from the College, steel toes, and safety glasses.

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CAPP (College Apprenticeship Preparation Program):

The College Apprenticeship Preparation Program is being offered as an alternative to most of the OYAP Apprenticeship programs. It will provide an excellent opportunity for students to experience college "Trade School" and get a taste of post-secondary curriculum, without having to have a Registered Training Agreement (Apprenticeship registration) with an employer. These courses have been selected in consultation with industry and employers as appropriate foundation courses, and are considered preparatory to pursuing an apprenticeship or related post secondary program.

CAPP Automotive Service (interview required)

Course Code: Precision Measuring and Basic Electricity (TNM4T) + Apprenticeship Preparation - Auto (TTE4T)
# of credits: 2
Semester: 2
Passing grade: 55%
Campus: Guelph Campus

- Will be taught at Conestoga College - Guelph Campus, for full days Monday-Friday in May/June
- Students will complete a full day two-credit co-op/OYAP placement prior to the start of this program
- Students may use programs' tools or bring their own

NOTE: Students are responsible for their **own transportation** to and from the College, steel toes, and safety glasses.

Precision Measuring and Basic Electricity:
This course will introduce students to a variety of precision measuring tools, and students will use them in solving Motive Power related trade problems. It will also cover a basic understanding of the electrical flow and sources, and a basic understanding of schematic interpretation and trade symbol usage.

Apprenticeship Preparation - Auto:
Students will be given a theoretical overview of automotive systems, and the safe operation of tools and equipment including meters and trade related hand and power tools. A major component of this course will deal with part and component identification and location. In addition, the student will learn safe shop procedures including hoisting and jacking procedures and proper treatment of customer vehicles. Basic automotive procedures will also be covered including: fluids inspection and service, wheel and tire service, brake inspections and diagnosing, and other sub-component service.

CAPP Carpentry (interview required)

Course Code: Carpentry Theory (TSP4T) + Carpentry Practice (TSQ4T)
# of credits: 2-credit package
Semester: 2
Passing grade: 55%
Campus: tbd

- Will be taught at Conestoga College (campus tbd), for full days Monday-Friday in May/June
- Students will complete a full day two-credit co-op/OYAP placement prior to the start of this program
- Students may use programs' tools or bring their own

NOTE: Students are responsible for their **own transportation** to and from the College, steel toes, and safety glasses.

Carpentry Theory:
Students will be introduced to the field of carpentry by studying the history, origins and background of the carpentry trade. Common hand and power tools used in carpentry in the residential, industrial, commercial and institutional (ICI) sectors will be discussed along with approaches needed to complete small scaled carpentry projects. Topics will also include quality, craftsmanship, career opportunities in carpentry, skills and knowledge needed to be a successful carpenter and the industry expectations for entry into the field.

Carpentry Practice:
Students will apply the theory studied in Carpentry Theory in a shop environment through hands-on practice and by completing small scale carpentry projects. Students will be instructed on the proper use of common carpentry tools such as circular saws and hand planes; and stationary tools like table saws. Students will practice safe use of the common tools encountered on a construction site specifically related to the Carpentry field.

CAPP Welding **(interview required)**

Course Code: Thermal Cutting and Brazing (TLO4T) + Shielded Metal Arc Welding (TLG4T)
# of credits: 2-credit package
Semester: 2
Passing grade: 55%
Campus: Reuter Drive Campus (Cambridge)

- Will be taught at the new Reuter Drive Campus, for full days Monday-Friday in May and June
- Students may use programs' tools or bring their own
- Students will complete a full day two-credit co-op/OYAP placement prior to the start of this program

NOTE: Students are responsible for their **own transportation** to and from the College, steel toes, and safety glasses.

Thermal Cutting and Brazing:
Application and set-up of thermal cutting processes used for cutting, piercing, bevelling and gouging of various metals will be studied in this course. Hands-on practice will stress safety and quality using the oxy-fuel gas cutting, plasma arc cutting, and air-carbon arc gouging processes.

Shielded Metal Arc Welding:
This course will develop basic welding skills with the Shielded Metal Arc Welding (SMAW) process, commonly referred to as "stick" welding. Techniques will be developed for producing fillet welds in all welding positions while groove welds will be produced in the flat, horizontal and vertical positions with a variety of electrode types.

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Exploring the Trades:

These particular programs are being offered to students with little or no related experience in the skilled trade. Students in Grade 12 can register for a 2-credit package (best bundled with a 2-credit cooperative education course) to see what College is all about.

Exploring the Trades: Construction

Course Code: Students will be able to choose ***either:***

- ***Carpentry - Interior Finishes (TCQ4T) + Carpentry - Exterior Finishes (TSE4T),***
- ***Electrical Fundamentals (TNC4T) + Intro to HRAC (TCN4T), OR,***
- ***Plumbing Practical (TSM4T) + Welding (TLA4T)***.

# of credits: 2-credit package
Semester: 2
Passing grade: 50%
Campus: Reuter Drive Campus (Cambridge) OR Waterloo Campus

Electrical Fundamentals: *WAITLISTED*
This course is designed to introduce the students to the Residential/basics of Industrial electrical. Students will take part in both theoretical and practical studies, to provide them with the basic knowledge of the skills, safety procedures and theories they will require to participate in shop work. The industrial, commercial and institutional (ICI) sectors will be discussed along with approaches needed to complete small scaled electrical projects. Topics will also include quality, craftsmanship, career opportunities in the electrical field.

Intro to HRAC (Heating, Refrigeration, and Air Conditioning): *WAITLISTED*
In this course, students will be introduced to the field of heating, refrigeration and air conditioning by studying the background of the trade as well as common hand and power tools used by an HRAC tradesperson. Residential, industrial, commercial and institutional (ICI) sectors will be discussed along with approaches needed to complete small scale HRAC projects.

Plumbing Practical: *WAITLISTED*
This course will introduce students to the basic tools, materials, equipment, methods and current regulations as they relate to the residential plumbing field. Students will demonstrate the basic ability to identify, select and install common plumbing piping materials and fixtures as they would be used in field practice. This course will introduce students to the Ontario Building Code relating to Plumbing. Students will use the current regulations to install typical residential fixtures and associated piping and venting.

(Exploring the Trades cont'd)

Exploring Welding:*WAITLISTED*

This course will introduce the student to the basic concepts of Oxy-Fuel Welding (OFW), Brazing (OFB) and Cutting (OFC), Shielded Metal Arc Welding (SMAW) and the Gas Metal Arc Welding (GMAW) process. Theory class will cover the safe setup and working practices of these processes as well as introduce the student to the fundamental concepts involved in each process operation. The shop component will see the student implements safe working practices along with skills development in the area of OFW, OFB, OFC, SMAW and the GMAW process. Students will practice the butt, lap and t-joint on mild steel using the above welding processes and use the OFC process to make straight and bevel cuts, pierce holes and cut shapes out of mild steel plates. Students will learn about the required equipment and demonstrate proper and safe setup procedures.

Carpentry - Interior Finishes:

Students will apply the content studied theory in a shop environment by completing hands-on projects specific to framing and interior finishes. Students will be instructed on the proper use of both hand and power carpentry finishing tools, and will practice safe use of the common tools encountered on a construction site. Students will also practice proper installation methods in order to meet industry standards.

Carpentry - Exterior Finishes:

Students will apply the content studied in theory in a shop environment by completing hands-on projects specific to exterior finishes. Students will be instructed on the proper use of both hand and power carpentry finishing tools, and will practice safe use of the common tools encountered on a construction site. Students will also practice proper installation methods in order to meet industry standards.

Exploring the Trades: Culinary

Course Code: Applied Culinary Techniques A (TVC4T) + Applied Culinary Techniques B (TVD4T)
# of credits: 2
Semester: 2
Passing grade: 55%
Campus: Waterloo Campus

Applied Culinary Techniques A:

Students will learn through demonstration, to prepare, plate and present foods in a professional working kitchen.

Applied Culinary Techniques B:

This practical learning lab provides the opportunity to practice and develop the fundamental skills, methods of cookery and presentation of dishes suitable for a variety of food service settings. The students will have many opportunities to practice knife handling and familiarize themselves with basic kitchen equipment. Students will learn safety, sanitation and hygiene in food preparation areas.

Exploring the Trades: Baking

Course Code: Applied Baking Techniques A (TUF4T) + Applied Baking Techniques B (TUE4T)
# of credits: 2
Semester: 1
Passing grade: 55%
Campus: Waterloo Campus

Applied Baking Techniques A/Applied Baking Techniques B:
This learning lab provides the student with an understanding of all practical basic preparation methods and general terminology related to the baking and pastry department. The student will prepare basic pastry, pies, cookie dough, sponges, pudding & meringues. **Note**: This course is a credit course offered in Culinary Skills and Culinary Management full time program.

Exploring the Trades: Manufacturing

Course Code: Exploring Machine Shop (TZH4T) + CNC Manual Programming (TMB4T)
# of credits: 2-credit package
Semester: 2
Passing grade: 55% and 50% respectively
Campus: Reuter Drive Campus (Cambridge)

Exploring Machine Shop:
This course introduces the student to precision machining principles and metal – cutting fundamentals in a conventional machine shop environment. Skills that students will be able to learn are proper selection and use of micrometres, engineering rulers, height gage, and verniers to inspect mechanical components. They will also learn how to read and interpret engineering drawings; will be able to develop process plans for manufacturing components of a pneumatic engine model, and learn how to select and use metal – cutting machines such as vertical mills, lathes, drill press, band saw, and pedestal grinders.

Exploring CNC Programming Basics:
Students will be exposed to general machine shop practices, including clamping, cutting tools, speeds and feeds and as well as blueprint reading.The students use CNC simulator software to write basic lathe and mill programs. The students will be exposed to industrial CNC equipment, set-ups and operation.

Exploring the Trades: Robotics & Mechatronics

Course Code: Introduction to Robotics (TIC4T) + Introduction to Mechatronics (TRS4T)
# of credits: 2-credit package
Semester: 2
Passing grade: 55%
Campus: Cambridge Campus

Introduction to Robotics:
This course is designed to expose students to the various types of robots and the various ways they can increase productivity in industrial applications. While these robots can replace low skilled human tasks, they require people with technical skills to program, operate and maintain them. Introduction to coding, as it pertains to robots, will allow the students to read and understand various forms of "languages" used in automation. Upon completion of this course, students will have worked with various types and brands of robots – learning how to program, teach positions, and work safely with these critical elements of modern industrial automation equipment. In this course, students will have the opportunity to earn the Universal Robot - Core certification from Universal Robots (UR). UR is a world leader in collaborative robots and leader in innovative applications for robots.

Introduction to Mechatronics:
Introduction to Mechatronics, is a course that teaches foundational information and develops hands-on skills in the areas of Mechanical, Electrical, and Control Technology. Students will develop competencies to operate and maintain pneumatics, electricity, sensors, actuators, and controls. Utilising real-world automation devices students will also gain additional skills in STEM (Science, Technology, Engineering, and Math). An introduction to creating logic (coding) on a PC using multiple programming languages, will help the students to maintain and set up equipment. Integration of microcontrollers and Programmable Logic Controller (PLC) with the mechanical, electrical, and control technologies will ensure students have a solid overview of how various forms of equipment operate in an automated environment. In this course, students will have the opportunity to earn the Introduction to Mechatronics certification from NC3/FESTO. FESTO is a world leader in automation and technical education.

Exploring the Trades: Mechanical

Course Code: Exploring Welding (TLA4T) + Introduction to Heavy Equipment (TTO4T)
# of credits: 2-credit package
Semester: 2
Passing grade: 50% and 55% respectively
Campus: Guelph Campus

Exploring Welding:
This course will introduce the student to the basic concepts of Oxy-Fuel Welding (OFW), Brazing (OFB) and Cutting (OFC), Shielded Metal Arc Welding (SMAW) and the Gas Metal Arc Welding (GMAW) process. Theory class will cover the safe setup and working practices of these processes as well as introduce the student to the fundamental concepts involved in each process operation. The shop component will see the student implements safe working practices along with skills development in the area of OFW, OFB, OFC, SMAW and the GMAW process. Students will practice the butt, lap and t-joint on mild steel using the above welding processes and use the OFC process to make straight and bevel cuts, pierce holes and cut shapes out of mild steel plates. Students will learn about the required equipment and demonstrate proper and safe setup procedures.

Introduction to Heavy Equipment:
Students will demonstrate the ability to identify, inspect, and test basic heavy duty equipment components and systems; to identify basic heavy duty equipment power system problems; and to use a variety of test equipment. Students will develop safe working practices in the use of machinery, tools, and equipment.

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College Pathway Programs:

These particular programs are being offered to students with little or no related experience in the field. Students in Grade 12 can register for a 2-credit package (best bundled with a 2-credit cooperative education course) to see what College is all about.

Design Fundamentals: (Visual Art, creating an Art Portfolio as the final project)
Course Code: Basic Design A (AEL4T) + Basic Design B (AEF4T)
# of credits: 2-credit package
Semester: 2
Passing grade: 55%
Campus: Doon Campus (Kitchener)

Using a variety of tools and visual exercises this course will introduce the student to organising elements and principles of two-dimensional design. Elements such as line, space, texture, value, colour, and spatial illusion will be related to the principles of design (balance, proportion, repetition, contrast, harmony, unity, point of emphasis, and visual movement) to enable the student to employ visual awareness and dynamics in the field of two dimensional design. Critical evaluation skills will play a key part of individual class discussion and group critiques. An opportunity for portfolio building will be a key component.

Digital Imaging:
Course Code: Digital Imaging (Photography) (TGC4T) + Digital Applications (Photoshop) (AFM4T)
# of credits: 2-credit package
Semester: 2
Passing grade: 55%
Campus: Doon Campus (Kitchener)

Digital Imaging (Photography):
Students will develop skills and knowledge related to digital imaging in still and motion formats. The main focus will be on still image (photographic) applications with a basic introduction to videography as a tool in various applications. Focus, composition and exposure will form the groundwork that will combine with other technical aspects to provide students with a strong foundation of practical imaging skills.

- *Note: This course may be replaced with Photojournalism for 2025.*

Digital Applications (Photoshop):
This course will introduce students to still image manipulation techniques using Adobe Photoshop. Students will learn how to input their own captured images, or those from digital sources and manipulate the image for various digital or print outputs. Tools and commands covered will include colour correction, image fixes, multi-image compositing, layering, masking, adding text and effects.

Esports and Event Media Production: ***NEW***

Course Code: Introduction to Esports (tbd) + Audio Visual Production I (tbd)
# of credits: 2-credit package
Semester: 2
Passing grade: 55% (tbc)
Campus: Waterloo Campus

Introduction to Esports:
One of the fastest growing event categories today is Esports. Whether in-person stadium experiences or worldwide online tournaments, Esports has taken the event world by storm. New technology and approaches used in Esports are being adopted widely by the event industry, especially as more and more events are being offered in a hybrid format. In this course, students will be introduced to Esports. Taught in Conestoga's Esports Hub, students will review Esports tournaments looking at event structure, logistics, and technology as well as, game culture and the psychology of play.

Audio and Video Production I:
In this course, students learn the basics of audio and video production through the process of factual storytelling. Starting with planning and production logistics to basic technical requirements, students will review field audio practices from microphone choice to the use of a multi-channel external audio recorder. Students will also be introduced to a variety of camera types and will apply fundamental camera techniques to capture creative images using the correct technical specifications and industry standards. The audio and video will then be brought together through an introduction to editing.

ECE (Early Childhood Education):

Course Code: Foundations of Curriculum (TOB4T) + Child Development: The Early Years (TOF4T)
# of credits: 2-credit package
Semester: 2
Passing grade: 60%
Campus: Doon Campus (Kitchener)

Foundations of Curriculum:
This course introduces the concepts of relationship-building and play as the cornerstones of the curriculum. Through the lens of holistic development and inclusive early learning, students will examine and describe the elements of meaningful learning for young children of all age groups and the role of the educator in supporting learning. Students will practise emerging skills in observation, reflection and documentation as the basis for planning children's learning.

Child Development: The Early Years:
This course introduces the chronological study of human development. It begins with prenatal influences and examines the age-stages of conception and infancy. The interactive nature of the physical, cognitive and Psychosocial domains of the influence on human development will be emphasised. The major theories of development will be used to analyse different developmental events through the lifespan. A central theme of the course is the nature-nurture controversy.

Canadian Criminal Justice System:

Course Code: Canadian Criminal Justice (HCF4T)
# of credits: 1
Semester: 2
Passing grade: 55%
Campus: Doon Campus (Kitchener)

This course provides an overview of the Canadian Criminal Justice System with a particular emphasis on the history, function, role and organisation of Canadian law enforcement services; it examines the operation of the criminal justice system. Each of the major components from enforcement through the courts and correctional services will be explored.

Criminology:

Course Code: Criminology (HCC4T)
# of credits: 1
Semester: 2
Passing grade: 55%
Campus: Doon Campus (Kitchener)

This course provides an examination of various theoretical explanations of criminal and deviant behaviour including the sociological, biological, and psychological perspectives. Criminological theory is related to various types of criminal activity. The reality of crime in Canada including victimology is examined through crime statistics and correlates of criminal behaviour.

Security Guard Licensing in Ontario:

Course Code:Security Guard Licensing (CLH4T)
# of credits: 1
Semester: 2
Passing grade: 50%
Campus: Doon Campus (Kitchener)

Security Guard Licensing in Ontario:
This course is intended for new security guards and/or security guards who need to meet the training requirement to obtain an Ontario Security Guard License. This course contains 12 core modules as prescribed by the Ministry of Community Safety and Correctional Services, including emergency first aid. This course also includes a security practicum.
NOTE: Students that are 18+ years will have the opportunity to write the Ontario Security Guard License exam within 6 months of the end of the program and have it paid for by the school board.

Psychology Today

Course Code: Positive Psychology (HBF4T)
# of credits: 1
Semester: 2
Passing grade: 55%
Campus: Doon Campus (Kitchener)

Psychology Today:

Why are cell phones so addictive? Are humans actually getting smarter with access to more information or are we just becoming “pancake people” or superficial consumers of information? Are people becoming more narcissistic? Why is being in love so powerful and how does it affect our brain? Why do people commit school shootings and other atrocities? Will we eventually be able to upload our consciousness? Does using social media cause depression? Or are we becoming lonelier as we become more connected? Why are people so influenced by trends in the media? Psychology can help start answering all of these questions. Psychology is the scientific study of human thoughts, emotions and behaviours. Topics of interest to psychologists include all aspects of everyday life, from simple to complex thoughts to behaviours that might surprise us. This course introduces students to the human psyche by drawing on some of the hot topics in psychology today. This course is structured around themes pulled from media and research, and will delve into psychological explanations of these phenomena. Topics will explore what psychology is and does; the brain; cyberpsychology and technology; intelligence; interpersonal relationships and interactions; parenting, personality; consciousness; social psychology and psychological disorders.

Georgian College Programs

Exploring Entrepreneurship & Lifestyle Management

Course Codes: Entrepreneurial Exploration (BDE4T) + Lifestyle Management (PPH4T)
# of credits: 2
Semester 2, Wednesdays, 9:30AM - 4:00PM, Feb. - May , 2024
Passing grade: 50%
Campus: Orangeville Campus

Entrepreneurial Exploration:
Students examine the characteristics and goals of entrepreneurs as well as the relevant social, political, and economic influences. Students are encouraged to consider various perspectives of entrepreneurship, as well as their own entrepreneurial potential. Students will: describe the concept of an entrepreneurial mindset, as well as different types of entrepreneurs; compare different conceptions of success and wealth; examine the personal characteristics and circumstances associated with entrepreneurial success; discuss the influence of social, political, and economic contexts on entrepreneurship.

Lifestyle Management:
Quality of life is reflected in personal and societal wellness. In this course, students are introduced to the concept of wellness and provides practical strategies for developing a healthy lifestyle. Students explore issues such as stress management, nutrition, mental and physical fitness, and self-responsibility. In addition, students assess the impact of global forces on themselves and Canadian society.

HUMBER Humber College Programs

Studio Production I

Course Code: TGQ4T # of Credits: 1 Passing Grade: 50%

Semester: 2 -

Campus: Humber North Campus, 205 Humber College Blvd, Toronto

This course introduces students to the functions and operation of each piece of equipment associated with a professional television studio. They will understand the different shot requirements involved with a 3-camera setup while learning how to shoot using the director's vision and guidance. Using an assortment of projects, the students rotate through all of the crew positions and understand the importance of each member of a production team in a television studio setting. Students are also instructed regarding production positions and their roles.

Visual Literacy

Course Code: AEF4T # of Credits: 1 Passing Grade: 50%

Semester: 2 -

Campus: Humber North Campus, 205 Humber College Blvd, Toronto

Visual literacy is the ability to see, to understand, and ultimately to think, create, and communicate visually. This course is designed to provide students with the skills to decode, analyze, comprehend, and construct meaning to images in media and in their world. Students will be encouraged to use images as tools for self-expression and in communication. This course will help provide the knowledge of visuals produced through electronic and other media and the understanding of elements of visual design, technique, accessibility, and media. With individual social geography in mind, students will learn about the emotional and psychological elements of visual images, comprehend abstract and symbolic imagery, and become informed viewers, critics, and consumers.

ECE: Children, Play and Creativity

Course Code: HHL4T # of Credits: 1 Passing Grade: 50%

Semester: 2 -

Campus: Humber North Campus, 205 Humber College Blvd, Toronto

Children learn naturally through play. This is a well-documented and evidenced understanding of children's development. This course supports students in understanding the value and complexity of play in children's lives. Students are better able to understand how learning environments and experiences meet professional standards once a foundational understanding of play is established.

Sheridan College Programs

**All Courses listed below are delivered at the Davis Campus; 7899 McLaughlin Rd, Brampton, ON L6Y 5H9

Construction: Intro to Construction Trades

Course Code: TSL4T | # of Credits: 1 | Passing Grade: 50%

Semester 2, TBD

Students learn a variety of working techniques applicable to the construction industry such as: Carpentry, framing, dry walling, taping, and finishing. Students are involved in the building of structures, the installation of wire items including lights, electrical receptacles, and switches, etc. Students also experience the fundamentals of installing plumbing fixtures.

Electrical Pathway: Residential Installations

Course Code: TNJ4T | # of Credits: 1 | Passing Grade: 50%

Semester 2, Tuesdays 9am-3pm

Students develop the skills and knowledge required to plan, layout and safely execute the electrical installation of a typical home. Students interpret the symbols on schematic diagrams and electrical layout diagrams and match these to typical real world devices. Students develop the skills required for safe and correct electrical connections. During construction projects, students plan, layout and build the electrical installation of a typical home safely and competently with basic building materials and tools common in residential construction.

Welding & Cutting Processes

Course Code: TLI4T | # of Credits: 1 | Passing Grade: 50%

Semester 2, Thursdays 9am-1pm

Students explore the principles and fundamental processes of oxy-fuel welding and cutting. Emphasis is placed on the safe setup and operation of oxy-fuel welding and cutting equipment. Students practice with oxy-fuel cutting/welding equipment in a lab setting. Students participate in demonstrations, lab based activities, interactive lectures and discussions.

CNC and Mechanical Drawings

Course Code: TRR4T + TBD | # of Credits: 2 | Passing Grade: 50%

Semester 2, Tuesdays 9am-3pm

CNC Mechanical Part Programming
Students learn to prepare and write Computerized Numerical Control Manual Part Programs. They apply: Linear Interpolation, Circular Interpolation, Canned Cycles, Cutter Radius Compensation and Sub-Routine Programming to successfully write programs for both two axes turning centers and three axes machining centers.

Introduction to Industrial Mechanical Drawings
Students explore types and formats of Industrial Mechanical Blueprint drawings, learn the graphic language and symbols used in mechanical drawings and learn orthographic and isometric projection. Students learn to identify, interpret and sketch sectional views.

Animal Anatomy & Physiology

Course Code: PHW4T # of Credits: 1 Passing Grade: 50%

Semester 2, Wednesdays 10am-1pm
**students may have to go all day for transportation reasons

In this course students are introduced to the basic anatomical structure and physiology of mammalian body systems to develop a clinical awareness of structure and function as it pertains to disease prevention, detection, and treatment for animals in their care. Students explore animal morphology and physiology, beginning from the smallest biological unit of the cell and extending to the skeletal and muscular systems, followed by the circulatory, respiratory, nervous, sensory, integumentary, digestive, urinary and reproductive systems.

Robotics Fundamentals

Course Code: TIC4T # of Credits: 1 Passing Grade: 50%

Semester 2, Tuesdays 10am-1pm
**transportation may be limited, depending on enrolment

This course is designed to be an introduction to robotics. The scope will be that of an introduction and familiarising of robotic fundamentals. This will include the history and present day use of robots in industry. The Participant will be able to identify many types of robots and applications that they can be assigned to perform. He/She will be introduced to the operation and basic programming of a robot system.

Forensics and Crime Scene Investigations

Course Code: SNG4T # of Credits: 1 Passing Grade: 50%

Semester 2, Thursdays TBD
**transportation may be limited, depending on enrolment

Students examine the forensic procedures required for a criminal investigation. Students analyze the rules of physical evidence that are mandated by legislation and regulatory authorities for the collection and presentation of evidence. Students explore the roles, responsibilities and interactions between police and key external partners such as the Office of the Chief Coroner and the Center of Forensic Sciences. Students consider a number of technological and scientific processes used in the preparation and presentation of physical evidence in court. Students compare various types of physical evidence and complete an introductory practical fingerprint analysis.

Occupational Health and Fitness for Community and Justice Service Professionals NEW

Course Code: TBD # of Credits: 1 Passing Grade: 50%

Semester 2,Wednesdays 1pm-4pm
**transportation may be limited, depending on enrolment

Students prepare for justice industry fitness standards by participating in a variety of physical fitness activities and academic work. Students also examine their personal lifestyle choices to promote a healthy lifestyle in their future careers as Community and Justice Services professionals.