|  |  |  |
| --- | --- | --- |
| **Brockville Campus** | | |
| Course Name / Description **(Brockville)**  **\*\*****ALL COURSES ARE TENTATIVE pending scheduling, sufficient enrolment, and professor availability. \*\*** | College Course Code | Ministry Course Code |
| **Human Body Functions, Structure (42 hours – 3 hours/week x 14 weeks):**  **Brockville Campus – Congregated**  This course introduces the student to the basic structure and function of the human body throughout the lifespan. Topics will include basic anatomy, physiology, nutritional needs, hygiene, body mechanics and alignment, and infection control. Through various in-class discussions, tests and take-home projects health promotion and age-related changes are emphasized. | PSWO1100 | PSA4T |
| **Fire Prevention and Fire Life Safety Initiatives (42 hours – 3 hours/week x 14 weeks):**  **Brockville Campus – Congregated**  After completing this course, students will be able to describe the role of a Firefighter I in the development and implementation of a fire and life safety program. Students will also be able to explain the process of selecting and delivering appropriate fire and life safety messages. After completing this Firefighter II lesson, students will be able to plan and conduct private dwelling and pre-incident planning surveys. Students will be able to demonstrate the components and considerations for preparing and delivering fire and life safety presentations.  This course contains elements of the knowledge and practical competencies required to complete the Ontario Fire Marshal and Emergency Management NFPA 1001 Level I-II Firefighter certification training. | FIRE600 | TBD |
| **Criminology (42 hours – 3 hours/week x 14 weeks):**  **Brockville Campus – Congregated**  This course provides an examination of various theoretical explanations of criminal and deviant behavior including sociological, biological, and psychological perspectives. Criminological theory provides an explanation of criminal activity and crime causation. The reality of crime in Canada including victimology is examined through crime statistics and issues of criminal behavior. The impact of criminological theory on the development and effectiveness of the criminal justice system is discussed with an emphasis on future trends within the system. | POFP201 | HCC4T |
| **Exploring Trades and Technology (Make up, Nails, Hair) (42 hours – 3 hours/week x 14 weeks):**  **Brockville Campus – Congregated**  The skilled trades and technology are an important and dynamic part of contemporary life. Understanding how we are all impacted by advancements in these fields can help us live better, more well-informed, and sustainable lives. Through an introduction to a variety of topics in the trades, this course will challenge students to build their knowledge, understanding, and confidence with the trades and technology. Students will also have an opportunity to further develop their problem-solving and innovation skills through engaging and practical projects. The aim of this course is to provide students with practical introductory experiences in various trades. | GENE7001 | TIA4T |

|  |  |  |
| --- | --- | --- |
| **Cornwall Campus** | | |
| Course Name / Description **(Cornwall)**  **\*\*ALL COURSES ARE TENTATIVE pending scheduling, sufficient enrolment and professor availability. \*\*** | College Course Code | Ministry Course Code |
| **Game Logic (56 hours – 4 hours/week x 14 weeks):**  **Cornwall Campus – Congregated**  Students learn about standard game design methodologies and workflow of a programming team. Students explore concepts of algorithms using simple variables and conditional logic to sorting and searching arrays. Logical design of games code is introduced through flowcharts implementing statements, conditional checks, loops, and functions. Object properties and methods are described via UML Diagrams. Students also learn how to break down larger problems into manageable tasks through analysis and debugging techniques. | GAME1000 | IBU4T |
| **Exploration of Trades and Technology (Auto, Millwright, Carpentry) (42 hours – 3 hours/week x 14 weeks):**  **Cornwall Campus – Congregated**  The skilled trades and technology are an important and dynamic part of contemporary life. Understanding how we are all impacted by advancements in these fields can help us live better, more well-informed, and sustainable lives. Through an introduction to a variety of topics in the trades, this course will challenge students to build their knowledge, understanding, and confidence with the trades and technology. Students will also have an opportunity to further develop their problem-solving and innovation skills through engaging and practical projects. The aim of this course is to provide students with practical introductory experiences in various trades. | GENE 7001 | TIA4T |
| **Gas Shielded Semi-Arc Welding Practical 1 (56 hours – 4 hrs/week x 14 weeks)**  **Cornwall Campus – Congregated**  In this shop course, students safety demonstrate the equipment set-up, selection of consumables, and the processes for fillet and groove welding of mild steel using the Gas Metal Arc Welding (GMAW) and Flux Cored Arc Welding (FCAW)processes. Post-weld operations are performed as are routine and required equipment maintenance procedures. | WELD1116 | TLG4T |
| **Engine Systems (42 hours - 3 hours/week x 14 weeks)**  **Cornwall Campus – Congregated**  Course content focuses on engine fundamentals and the operating characteristics of the internal combustion engine and students are introduced to engine disassembly and reassembly and related manufacturing standards. Cylinder block assembly and applications are covered with students performing inspection and testing procedures. Additionally, crankshaft assemblies are discussed in relation to engine performance. | MOTO102 | TZD4T |

|  |  |  |
| --- | --- | --- |
| **Cornwall Campus** | | |
| Course Name / Description **(Cornwall)**  **\*\*ALL COURSES ARE TENTATIVE pending scheduling, sufficient enrolment, and professor availability. \*\*** | College Course Code | Ministry Course Code |
| **Psychology of Exercise and Sport (42 hours - 3 hours/week x 14 weeks)**  **Cornwall Campus – Congregated**  Do you have difficulty concentrating during a game and miss important shots? Do you get angry at yourself or frustrated with others when playing sports? Do you find it hard to commit to a regular exercise routine despite the numerous benefits of being physically active? In this course, you discover the answer to these questions and more as you explore how personality, motivation, emotion, social pressures, and stress affect people engaged in sport and exercise. You also receive guidance and practice in applying this knowledge to your own game and/or exercise routine to help you overcome the psychological barriers that keep you from improving and reaching your full potential. | GENE127 | TBD |
| **Culinary Techniques (56 hours - 4 hours/week x 14 weeks) (Offsite @ St. Matts-Board specific CDSBEO)**  **Cornwall Campus – Congregated**  This course introduces students to the theories, science and foods involved in the fundamentals of classical French cuisine and culinary techniques as they pertain to the professional modern food service industry. Students learn cooking methods and the wide range of ingredients used in the operation of a professional kitchen and the foundational principles of bakeshop production. | CHEF105 | TKF4T |
| **Welding & Fabrication 1 (42 hours - 3 hours/week x 14 weeks) (Offsite @ St. Luke’s Board Specific CDSBEO)**  **Cornwall Campus – Congregated**  This course develops the basic welding skills required by the Mechanical Technician to enable him/her to join metals. Students develop the knowledge and ability to safely set-up and operate oxyacetylene and arc welding equipment to weld, braze and cut to specifications. Students learn about flat and horizontal welding positions using plate steel. | MECT 102 | TLL4T |
| **Cornwall Campus** | | |
| Course Name / Description (**Cornwall**)  **\*\*ALL COURSES ARE TENTATIVE pending scheduling, sufficient enrolment, and professor availability. \*\*** | College Course Code | Ministry Course Code |
| **Criminology (42 hours – 3 hours/week x 14 weeks):**  **Cornwall Campus – Congregated**  This course provides an examination of various theoretical explanations of criminal and deviant behavior including sociological, biological, and psychological perspectives. Criminological theory provides an explanation of criminal activity and crime causation. The reality of crime in Canada including victimology is examined through crime statistics and issues of criminal behavior. The impact of criminological theory on the development and effectiveness of the criminal justice system is discussed with an emphasis on future trends within the system. | POFP 201 | HCC4T |
| **Wellness (42 hours - 3 hours/week x 14 weeks) Cornwall Campus – Congregated** This course examines the components and effects of personal wellness. Aspects explored include the emotional, social, physical, intellectual, spiritual and community/environmental contributors to wellness. It provides students with the opportunity to evaluate their own personal health and well-being in a holistic manner. | GENE73 | PPI4T |

|  |  |  |
| --- | --- | --- |
| **Kingston Campus** | | |
| Course Name / Description (**Kingston**)  **\*\*ALL COURSES ARE TENTATIVE pending scheduling, sufficient enrolment, and professor availability. \*\*** | College Course Code | Ministry Course Code |
| **Criminology (42 hours – 3 hours/week x 14 weeks):**  **Kingston Campus – Congregated**  This course provides an examination of various theoretical explanations of criminal and deviant behavior including sociological, biological, and psychological perspectives. Criminological theory provides an explanation of criminal activity and crime causation. The reality of crime in Canada including victimology is examined through crime statistics and issues of criminal behavior. The impact of criminological theory on the development and effectiveness of the criminal justice system is discussed with an emphasis on future trends within the system. | POFP 201 | HCC4T |
| **Exploration of Trades and Technology (Electrical, Carpentry, Plumbing) (42 hours – 3 hours/week x 14 weeks):**  **Kingston Campus – Congregated**  The skilled trades and technology are an important and dynamic part of contemporary life. Understanding how we are all impacted by advancements in these fields can help us live better, more well-informed, and sustainable lives. Through an introduction to a variety of topics in the trades, this course will challenge students to build their knowledge, understanding, and confidence with the trades and technology. Students will also have an opportunity to further develop their problem-solving and innovation skills through engaging and practical projects. The aim of this course is to provide students with practical introductory experiences in various trades. | GENE 7001 | TIA4T |
| **Exploration of Trades and Technology (Make up, Nails, Hair) (ALCDSB Board Specific (42 hours – 3 hours/week x 14 weeks):**  **Kingston Campus – Congregated**  The skilled trades and technology are an important and dynamic part of contemporary life. Understanding how we are all impacted by advancements in these fields can help us live better, more well-informed, and sustainable lives. Through an introduction to a variety of topics in the trades, this course will challenge students to build their knowledge, understanding, and confidence with the trades and technology. Students will also have an opportunity to further develop their problem-solving and innovation skills through engaging and practical projects. The aim of this course is to provide students with practical introductory experiences in various trades. | GENE 7001 | TIA4T |

|  |  |  |
| --- | --- | --- |
| **Kingston Campus** | | |
| Course Name / Description (**Kingston**)  **\*\*ALL COURSES ARE TENTATIVE pending scheduling. sufficient enrolment and professor availability. \*\*** | College Course Code | Ministry Course Code |
| **Exploration of Trades and Technology (Electrical, Carpentry, Plumbing) (LDSB Board Specific) (42 hours – 3 hours/week x 14 weeks):**  **Kingston Campus – Congregated**  The skilled trades and technology are an important and dynamic part of contemporary life. Understanding how we are all impacted by advancements in these fields can help us live better, more well-informed, and sustainable lives. Through an introduction to a variety of topics in the trades, this course will challenge students to build their knowledge, understanding, and confidence with the trades and technology. Students will also have an opportunity to further develop their problem-solving and innovation skills through engaging and practical projects. The aim of this course is to provide students with practical introductory experiences in various trades. | GENE 7001 | TIA4T |
| **Welding and Fabrication 1 (Offsite @ TR Leger UCDSB Board Specific) (42 hours – 3 hours/week x 14 weeks):**  **Kingston – Congregated**  This course develops the basic welding skills required by the Mechanical Technician to enable him/her to join metals. Students develop the knowledge and ability to safely set-up and operate oxyacetylene and arc welding equipment to weld, braze and cut to specifications. Students learn about flat and horizontal welding positions using plate steel. | MECT 102 | TLL4T |
| **Welding and Fabrication 1 (Offsite @ Carleton Place HS UCDSB Board Specific) (42 hours – 3 hours/week x 14 weeks):**  **Kingston – Congregated**  This course develops the basic welding skills required by the Mechanical Technician to enable him/her to join metals. Students develop the knowledge and ability to safely set-up and operate oxyacetylene and arc welding equipment to weld, braze and cut to specifications. Students learn about flat and horizontal welding positions using plate steel. | MECT 102 | TLL4T |
| **Kingston Campus** | | |
| **Course Name / Description (Kingston)**  **\*\*ALL COURSES ARE TENTATIVE pending scheduling. sufficient enrolment and professor availability. \*\*** | **College Course Code** | **Ministry Course Code** |
| **Electrical Circuits (56 hours – 4 hours/week x 14 weeks):**  **Kingston Campus – Congregated** This course provides students with practical knowledge and skills of how simple AC and DC circuits are designed and constructed. They learn how to measure current, voltage, power and frequency, and the proper safety procedures when working with electricity. Students wire residential electrical service and ancillary equipment, and low voltage signaling systems. Students examine wiring types and requirements, electrical enclosures, and conduits, and apply protection and grounding methods. Students also demonstrate the safe and proper handling and storage of hand tools, and electrical materials commonly used in the electrical industry. | ELET101 | TNJ4T |
| **Welding and Fabrication 1 (42 hours – 3 hours/week x 14 weeks):**  **Kingston – Congregated**  This course develops the basic welding skills required by the Mechanical Technician to enable him/her to join metals. Students develop the knowledge and ability to safely set-up and operate oxyacetylene and arc welding equipment to weld, braze and cut to specifications. Students learn about flat and horizontal welding positions using plate steel. | MECT 102 | TLL4T |
| **Make-up (56 hours – 4 hours/week x 14 weeks):**  **Kingston Campus - Congregated**  The focus of this course is on the theory and practical skills of makeup application. Topics include but are not limited to; morphology, facial shapes, and balance, colour classifications, observations, and factors to consider prior to makeup application, proper steps and techniques involved in makeup application, supplies, brushes products used, and their ingredients. Through hands-on demonstrations, you learn to create and apply a variety of makeup styles suitable for day, evening, bridal and special events to meet client needs. | ESTH43 | TXI4T |
| **Baking Techniques 1 (56 hours - 4 hours/week x 14 weeks)**  **Kingston Campus –Congregated**  This course provides students with an introduction to the theory, science and application of fundamentals techniques in the professional bake shop. Students apply the knowledge of how various ingredients interact and develop the skills required to prepare yeast products, quick breads, pies, pastries, cookies, custards and sweet/savory fillings. | CHEF106 | TUA4T |
| **Kingston Campus** | | |
| **Course Name / Description (Kingston)**  **\*\*ALL COURSES ARE TENTATIVE pending scheduling. sufficient enrolment and professor availability. \*\*** | **College Course Code** | **Ministry Course Code** |
| **Baking Techniques 1 (LDSB Board Specific) (56 hours - 4 hours/week x 14 weeks)**  **Kingston Campus –Congregated**  This course provides students with an introduction to the theory, science and application of fundamentals techniques in the professional bake shop. Students apply the knowledge of how various ingredients interact and develop the skills required to prepare yeast products, quick breads, pies, pastries, cookies, custards and sweet/savory fillings. | CHEF106 | TUA4T |
| **Developmental Psychology (42 hours – 3 hours/week x 14 weeks):**  **Kingston Campus – Congregated**  This course presents an overview of the scientific study of human development from conception to death. The most recent research findings on physical, social, and cognitive development are studied and discussed. | GENE20 | JFA4T |
| **Professional Effectiveness (Adult Dual Credit ALCDSB Board Specific - Loyola) (42 hours – 6 hours/week x 7 weeks):**  **Kingston Campus – Congregated**  Entering a new environment presents challenges as we transition to a new set of values and expectations within a new organizational culture. This course is designed to examine the process of adjustment and to equip students with strategies for making successful transitions. | GENE114 | JEE4T |
| **Impact of Music on Society (42 hours – 3 hours/week x 14 weeks)**  **Kingston Campus - Congregated**   |  |  | | --- | --- | |  | GENE89 is designed to give students a broad understanding of how popular music has evolved over the centuries. Through lectures and several music-themed movies, students explore ways that music becomes popular and, in turn, how that music can influence the society of its time. | | GENE89 | TBD |
| **Overview of Addictions (42 hours – 3 hours/week x 14 weeks)**  **Kingston Campus - Congregated**  The impact of psychoactive drugs on our society is examined in this course. An analysis of the use and impact of alcohol, psychoactive prescription medication, street drugs, over-the-counter drugs, caffeine, nicotine, and problem gambling is conducted. An overview of practical drug concepts, theories of drug abuse, health promotion and prevention and the Ontario addiction treatment system is covered. Students learn how to assess at-risk users and review evidence-based treatment modalities. | GENE53 | PPA4T |