

# **ST. JOSEPH'S CATHOLIC HIGH SCHOOL**

## **Course Selection Calendar 2024 - 2025**



**2425 Clover Avenue  
Windsor, Ontario  
N8P 2A3**

**Phone: 519-735-3326    Fax: 519-735-5322**

## **ARTS DEPARTMENT**

### ARTS COURSES:

|          |  |
|----------|--|
| GRADE 9  | ADA100, AMU100, ATC100, AVI100                   |
| GRADE 10 | ADA200, AMG200, AMU200, AMV200, ATC200, AVI200   |
| GRADE 11 | ADA3M1, AMU3M1, ATC3M1, ATD3O0, AVI3M1, AWS3M1   |
| GRADE 12 | ADA4M1, AMU4M1, ATC4M1, AVI4M1, AWS4M1, AWD4M1** |

*\*\*This senior level arts course is available only upon completing all other senior visual arts and design courses. Consultation with Guidance Counsellor and Department Head of Arts is required for individual suitability of enrollment of this course*

## ARTS DEPARTMENT COURSES

| COURSE CODE | COURSE NAME                                      | PREREQUISITE   |
|-------------|--|--|
| ADA100      | Dramatic Arts: Open                              |  |
| AMU100      | Music: Instrumental: Open                        |  |
| ATC100      | Dance: Open                                      |  |
| AVI100      | Visual Arts: Open                                |  |
| ADA200      | Dramatic Arts: Open                              |  |
| AMU200      | Music: Open                                      | Music: Grade 9, Open recommended   |
| AMG200      | Music: Guitar                                    |  |
| AMV200      | Music: Vocal: Open                               |  |
| ATC200      | Dance: Open                                      |  |
| AVI200      | Visual Arts: Open                                |  |
| ADA3M1      | Dramatic Arts: University/ College               | Dramatic Arts, Grade 9 or 10, Open   |
| AMU3M1      | Music: University/College                        | Music, Grade 9 or 10, Open   |
| ATC3M1      | Dance: University/College                        | Dance, Grade 10, Open  |
| ATD3O0      | Dance Composition: Leadership in Motion          | Dance, Grade 11, Open  |
| AVI3M1      | Visual Arts: University/College                  | Visual Arts, Grade 9 or 10, Open   |
| AWS3M1      | Digital Arts: Graphic Design: University/College | Visual Arts, Grade 9 or 10, Open   |
| ADA4M1      | Dramatic Arts: University/College                | Dramatic Arts, Grade 11, University / College  |
| AMU4M1      | Music: University/College                        | Music, Grade 11, University/College  |
| ATC4M1      | Dance: University/College                        | Dance, Grade 11, University/College  |
| AVI4M1      | Visual Arts: University/College                  | Visual Arts, Grade 11, University/College  |
| AWS4M1      | Digital Arts: Graphic Design: University/College | Digital Arts, Grade 11, University/College   |
| AWD4M1      | Visual Design: University/College                | Visual Arts, Grade 12, University/College or Media Arts Graphic Design: University/College |

## ARTS DEPARTMENT COURSE DESCRIPTIONS

## Grade Nine

### **ADA100      Dramatic Arts (Open)**

This course provides opportunities for students to explore dramatic forms and techniques, including tableau, mime, improvisation and monologue, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

### **AMU100      Music (Open)**

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life.

### **ATC100      Dance (Open)**

This unique course gives students the opportunity to explore their technical skills in dance styles such as jazz, contemporary and hip hop. Students are encouraged to use the elements of dance, the tools of composition, and choreographic form in the creation of a variety of dance pieces. Students will have opportunities to showcase their choreography in a variety of performance situations. Students will generate movement through structured and unstructured improvisation, demonstrate an understanding of safe practices with regard to themselves and others in the dance environment, and identify the value of individual and group contributions to collaborative creations. No experience in dance is required.

### **AVI100      Visual Arts (Open)**

This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.

## Grade Ten

### **ADA200      Dramatic Arts (Open)**

This course provides opportunities for students to explore dramatic forms, conventions, and techniques including role play, improvisation and script writing. Students will explore a variety of dramatic sources from various cultures and represent a range of genres including comedy, tragedy and film. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.

### **AMG200      Guitar (Open)**

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures.

### **AMU200      Music (Open)**

This course emphasizes the creation and performance of music at a level consistent with previous experience. Students will

develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop their understanding of musical conventions, practices, and terminology and apply the elements of music in a range of activities. They will also explore the function of music in society with reference to the self, communities, and cultures.

**AMV200      Vocal Music (Open)**

This course emphasizes performance of vocal music at a beginner level that strikes a balance between challenge and present skills. Student learning will include participating in creative activity and learning perceptive listening. Students will gain literacy in music, develop a thorough understanding of musical elements, vocabulary and history.

**ATC200      Dance (Open)**

This course emphasizes the development of students' technique in a variety of styles including jazz, contemporary and hip hop. Creative skills relating to the elements of dance and the tools of composition will be applied in a variety of performance situations. Students will identify responsible personal and interpersonal practices related to dance processes and production, and will apply technologies and techniques throughout the process of creation of their own dance compositions.

**AVI200      Visual Art (Open)**

This course enables students to develop their skills in producing and presenting art by introducing them to new ideas, materials, and processes for artistic exploration and experimentation. Students will apply the elements and principles of design when exploring the creative process. Students will use the critical analysis process to reflect on and interpret art within a personal, contemporary, and historical context.

Grade Eleven

**ADA3M1      Dramatic Arts (University/College Preparation)**

This course requires students to create and perform in dramatic presentations using their knowledge of dramatic forms and techniques. Students will analyse, interpret, and perform dramatic works from various cultures and time periods including modern and postmodern artists, as well as Elizabethan and Italian Renaissance Theatre. Students will research various acting styles and conventions that could be used in their presentations, and analyse the functions of playwrights, directors, actors, designers, technicians, and audiences. Prerequisite: Dramatic Arts, Grade 9 or 10, Open.

**AMU3M1      Music (University/College Preparation)**

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers. Prerequisite: AMU200 or AMU101.

**ATD300      Dance Composition: Leadership in Motion (Open)**

The focus of this course teaches senior students to work interdependently with students who are in the Life Skills program. Senior students will learn leadership skills and collaboration by working together in an inclusive environment and recognize each learner's strengths and gifts. Senior students will lead in movement activities such as warm ups, games, and educational activities. This course has a final project which will display the works produced in class.

**ATC3M1      Dance (University/College Preparation)**

This course emphasizes the development of students' technique in jazz, contemporary and hip hop, as well as movement vocabulary relating to dance genres from around the world such as Latin, Bollywood and African dance. They will use their understanding of the elements of dance and the tools of composition in a variety of performance situations. Students will research and explain how physical, intellectual, and artistic skills developed in dance can be applied in a wide range of careers. They will apply tools and techniques throughout the process of creation and presentation, and reflect on how studies in the dance arts affect personal identity. Prerequisite: Dance, Grade 10, Open.

**AVI3M1 Visual Arts (University/College Preparation)**

This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that includes drawing, painting, sculpting, and printmaking, as well as the creation of multimedia works, and works using emerging technologies. Students will use the critical analysis process when evaluating their own work and the work of others. Prerequisite: Visual Arts, Grade 9 or 10, Open.

**AWS3M1 Digital Arts: Graphic Design (University/College Preparation)**

This junior level digital media Graphic Design program will introduce and develop the students' abilities in creative problem solving related to the field of commercial art and information design. Students will acquire skills in computer software programs, such as Adobe Photoshop, Illustrator and Flash that will help them to creatively integrate illustration, typography and graphic symbols in the production of convincing graphic art pieces. Students will continue to develop an understanding of visual form and design principles to enhance the communication of ideas in commercially oriented artworks. Each student will have quality pieces of art that may be used to build a portfolio for entrance to post-secondary programs in communication and graphic design. Prerequisite: Visual Arts, Grade 9 or 10, Open.

Grade Twelve

**ADA4M1 Dramatic Arts (University/College Preparation)**

This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theater from various cultures and time periods. Students will interpret dramatic literature and other texts and media sources while learning about various theories of directing and acting. Students will examine the significance of dramatic arts in various cultures, and will analyse how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school. Prerequisite: Dramatic Arts, Grade 11, University/College.

**AMU4M1 Music (University/College Preparation)**

This course enables students to enhance their musical literacy through the creation, appreciation, analysis, and performance of music. Students will perform traditional, commercial, and art music, and will respond with insight to live and recorded performances. Students will enhance their understanding of the function of music in society and the impact of music on themselves and various communities and cultures. Students will analyse how to apply skills developed in music to their life and careers. Prerequisite: Music, Grade 11, University/College.

**ATC4M1 Dance (University/College Preparation)**

This course emphasizes the development of students' technical proficiency, fluency in the language of movement in dance genres from around the world, and understanding of dance science. Students will explain the social, cultural, and historical contexts of dance; apply the creative process through the art of dance in a variety of ways; and exhibit an understanding of the purpose and possibilities of continuing engagement in the arts as a lifelong learner. Prerequisite: Dance, Grade 11, University/College Preparation.

**AVI4M1 Visual Arts (University/College Preparation)**

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and

three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connections between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of art in personal, contemporary, historical, and cultural contexts. Prerequisite: Visual Arts, Grade 11, University/College.

**AWS4M1      Digital Arts – Graphic Design (University/College Preparation)**

This senior level Graphic Design program will refine and develop the students' abilities in creative problem solving related to the field of commercial art and information design. Students will acquire skills in computer software programs, such as Adobe Photoshop, Illustrator and Flash that will help them to creatively integrate illustration, typography and graphic symbols in the production of convincing graphic art pieces. Students will continue to develop an understanding of visual form and design principles to enhance the communication of ideas in commercially oriented artworks. Each student will have quality pieces of art that may be used to build a portfolio for entrance to post-secondary programs in communication and graphic design. Prerequisite: Media Arts - Graphic Design: University/College

**AWD4M1      Visual Design (University/College Preparation)**

Advanced senior visual arts course that focuses on art appreciation and studio activities. Within this course, students analyze and interpret and create works of fine art, works in digital design, and works in crafts. Through practical activities, they design and create art works and products, and experiment with a variety of media and processes. Advanced knowledge in the visual and digital arts are required. Work is created in one on one collaboration with instructors in an independent and self-directed setting. Prerequisites: AVI 4M1 and AWS 4M1

This senior level arts course is available only upon completing all other senior visual arts and design courses. Consultation with Guidance Counsellor and Department Head of Arts is required for individual suitability of enrollment of this course.

# BUSINESS DEPARTMENT

## BUSINESS COURSES:

GRADE 9            BEM100

GRADE 10          BEP200, GLC200

GRADE 11          BAF3M0, IDC3O0

GRADE 12          BAT4M1, BOG4E0, BOH4M0

Special Note: The Grade 10 **compulsory course** in Careers, GLC 200 is a 0.5 credit course that is combined with another 0.5 credit course in Civics, CHV200. The course code for these compulsory courses is CARCIV.

GLC200            CAREER STUDIES: OPEN (0.5 Credit)



## BUSINESS DEPARTMENT COURSES

| COURSE CODE | COURSE NAME  | PREREQUISITE   |
|-------------|--|--|
| BEM1O0      | Building the Entrepreneurial Mindset:<br>Open                                      |  |
| BEP2O0      | Launching and Leading a Business<br>(Open)   |  |
| GLC2O0      | Career Studies: Open   | Corequisite: Civics and Citizenship                                  |
| BAF3M0      | Financial Accounting Fundamentals:<br>University/College Preparation               |  |
| IDC3O0      | Introduction to Personal Finance:<br>Open  |  |
| BAT4M1      | Financial Accounting Principles:<br>University/College Preparation                 | Financial Accounting Fundamentals:<br>University/College Preparation |
| BOG4E0      | Becoming a Manager: Workplace<br>Preparation                                       |  |
| BOH4M0      | Business Leadership: Management<br>Fundamentals: University/College<br>Preparation |  |

# BUSINESS DEPARTMENT COURSE DESCRIPTIONS

## Grade Nine

### **BEM100 Building the Entrepreneurial Mindset (Open)**

In this course, students will learn what makes an entrepreneur thrive and the skills required to succeed in today's business environment. Students will begin to develop their own entrepreneurial mindset, and learn why it's important to take initiative, adapt to change, find creative solutions, and understand the financial considerations of entrepreneurship. This hands-on course will use business software and applications to help students plan and develop their entrepreneurial ideas and learn how to present them to a target audience. Throughout the course, students will enhance their communications skills as well as develop and refine their project management skills, including goal setting, time management, and networking.

## Grade Ten

### **BEP200 Launching and Leading a Business (Open)**

This course introduces students to the world of business and what is required to be successful, ethical, and responsible in today's economy. Students will develop the knowledge and skills needed to be an entrepreneur who knows how to respond to local and global market opportunities. Throughout the course, students will explore and understand the responsibility of managing different functions of a business. This includes accounting, marketing, information and communication technology, financial management, human resources, and production.

### **GLC200 Careers Studies (Open)**

This is a half credit course taught in conjunction with Civics and Citizenship (CHV200). This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement. Students will assess their interests, skills, and characteristics and investigate current economic and workplace trends, work opportunities, and ways to search for work. The course explores postsecondary learning and career options, prepares students for managing work and life transitions, and helps students focus on their goals through the development of a career plan.

## Grade Eleven

### **BAF3M0 Financial Accounting Fundamentals (University/College Preparation)**

This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and ethics and current issues in accounting.

### **IDC300 Introduction to Personal Finance (Open)**

Introduction to Personal Finance is a course designed to teach students the key concepts and strategies related to financial literacy and personal finance. Some of the topics that will be covered include savings, credit, debt, financial planning, portfolio management, and investing. Practical application is key to this course and is timed well at the age when many students begin working part-time, have their first summer jobs, and start planning for post-secondary expenses. A major objective of the course is to provide students with the tools and skills needed to make sound financial decisions throughout their lives. The process involves setting realistic goals and organizing financial activities toward the achievement of these goals.

## Grade Twelve

### **BAT4M1 Financial Accounting Principles (University/College Preparation)**

This course introduces students to advanced accounting principles that will prepare them for postsecondary studies in business. Students will learn about financial statements for various forms of business ownership and how those statements

are interpreted in making business decisions. This course expands students' knowledge of sources of financing, further develops accounting methods for assets, and introduces accounting for partnerships and corporations. Prerequisite: Financial Accounting Fundamentals, Grade 11, University/College Preparation.

**BOG4E0      Business Leadership: Becoming a Manager (Workplace Preparation)**

This course helps students prepare for managerial positions in their future careers. Students will focus on the development of core skills required to become a successful manager, including operations management, inventory control, marketing, financial planning, scheduling, and communication. Students will also explore the management challenges of hiring, training, and motivating employees, and complying with legal requirements.

**BOH4M0      Business Leadership: Management Fundamentals (University/College Preparation)**

This course focuses on the development of leadership skills used in managing a successful business. Students will analyse the role of a leader in business, with a focus on decision-making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility are also emphasized.

# Experiential Learning

Schools are offering more opportunities to customize your high school experience and build on your strengths and interests through a variety of new and enhanced learning options including Experiential Learning. Experiential Learning programs enhance your academic background and provide you with opportunities to gain valuable experiences in our community. No matter your post secondary pathway, experiential learning can assist you in making career decisions and help you develop the knowledge, skills and habits required in the workplace. All forms of experiential learning are a valuable complement to your post secondary preparation and future employment.

| Experience / Program                               | Length  | Eligibility / Delivery  | Credits          | Description   | Post Secondary Pathway                          |
|--|---|---|------------------|---|---|
| <b>Job Shadowing</b>                               | ½ to 1 day  | <b>Any grade</b>  | <b>N/A</b>       | <ul style="list-style-type: none"> <li>One-on-one observation of a worker at a place of employment</li> <li>Take Our Kids to Work Day in Grade 9 is prototype of job shadowing</li> <li>May be incorporated into any credit course</li> <li>Counts towards the Experiential Learning component requirement for an SHSM</li> </ul>   | Apprenticeship<br>College<br>University<br>Work |
| <b>Job Twinning</b>                                | ½ to 1 day  | <b>Any grade</b>  | <b>N/A</b>       | <ul style="list-style-type: none"> <li>One-on-one observation of a cooperative education student at his or her placement</li> <li>May be incorporated into any credit course</li> <li>Counts towards the Experiential Learning component requirement for an SHSM</li> </ul>   | Apprenticeship<br>College<br>University<br>Work |
| <b>Work Experience</b>                             | 1 – 4 weeks   | <b>Any grade</b>  | <b>N/A</b>       | <ul style="list-style-type: none"> <li>A planned learning opportunity that provides students with a relatively short-term work experience</li> <li>May be incorporated into any credit course</li> <li>Counts towards the Experiential Learning component required for an SHSM</li> </ul>   | Apprenticeship<br>College<br>University<br>Work |
| <b>Co-operative Education Program (Co-op)</b>      | 1 semester or more usually 0.5 day<br>1, 2, 3 or 4 credit scheduling options<br>Summer Co-op also available | <b>Grade 11<br/>Grade 12</b>  | <b>2 or more</b> | <ul style="list-style-type: none"> <li>A ministry-approved program that allows students to earn secondary school credits while completing a work placement in any career field</li> <li>Students can apply 2 co-op credits towards their compulsory high school graduation requirements with not limit on earning potential co-op credits</li> <li>"Test-drive" career options and gain valuable work experience for postsecondary programs and future employment</li> <li>2 credits in co-op are required for an SHSM</li> </ul>   | Apprenticeship<br>College<br>University<br>Work |
| <b>Ontario Youth Apprenticeship Program (OYAP)</b> | 1 or 2 year program in senior years   | <b>Prerequisite</b><br>1 related Technology course<br>Must be 16 years of age<br>Must have 16 credits<br><br><b>Grade 11<br/>Grade 12</b> | <b>2 or more</b> | <ul style="list-style-type: none"> <li>Gain on-the-job training and experience in an apprenticeship in a skilled trade while earning credits towards the Ontario Secondary School Diploma (OSSD)</li> <li>Accumulate workplace hours that count towards both secondary school co-op credits and the requirements of an apprenticeship program</li> <li>May have an opportunity to receive Level 1 apprenticeship in-school training or be eligible to write an exemption test for Level 1</li> <li>If enrolled in a ministry-approved dual credit program, may earn optional credits towards their OSSD for Level 1 apprenticeship in-school training</li> <li>May involve the student's registration in an apprenticeship</li> <li>Apprenticeship opportunities are determined by the demand of local employers in 4 sectors: industrial, motive power, service and construction</li> <li>Sample occupations included Automotive Service Technician, Truck and Coach Technician, Cook, Hair Stylist, Horticulturist, Carpenter, and General Machinist</li> <li>A student may participate in OYAP as part of an SHSM program</li> </ul> | Apprenticeship<br>College                       |
| <b>School-Work Co-op Program</b>                   | 1 or 2 year program in senior years   | Grade 11<br>Grade 12  | <b>2 or more</b> | <ul style="list-style-type: none"> <li>For students who are planning to enter the workplace after graduation</li> <li>Any area of work NOT requiring formal post-secondary education</li> <li>A student may participate in School-Work Co-op as part of an SHSM program</li> </ul>  | Work  |

For further information or to apply to any of these programs, contact your Guidance Counsellor or school's Co-op teacher

## **CATHOLIC STUDIES DEPARTMENT**

### CATHOLIC STUDIES COURSES:

GRADE 9            HRE100

GRADE 10          HRE200

GRADE 11          HRF300, HRT3M0, HSE3E0

GRADE 12          HRE4M0, HRE4O0, HZT4U1

Special Note: It is a requirement of our school, and our school board that every student take a Catholic Studies course each year. Students who are in Grade 12 and are planning to attend university should take HRE4M0 or HZT4U1

## CATHOLIC STUDIES DEPARTMENT COURSES

| COURSE CODE | COURSE NAME  | PREREQUISITE  |
|-------------|--|---|
| HRE100      | Discipleship and Culture: Open                               |   |
| HRE200      | Christ and Culture: Open                                     |   |
| HRF300      | World Religions: Open  |   |
| HRT3M0      | World Religions: University/College Preparation              |   |
| HSE3E0      | Equity, Diversity, and Social Justice: Workplace Preparation |   |
| HRE4M0      | Church And Culture: University/College Preparation           | HRE 3M or any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies |
| HRE4O0      | Church and Culture: Open                                     |   |
| HZT4U1      | Philosophy: Questions and Theories: University Preparation   | Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.          |

# CATHOLIC STUDIES DEPARTMENT COURSE DESCRIPTIONS

## Grade Nine

### **HRE100      Discipleship and Culture (Open)**

This course engages students in the examination of the Christian narrative as revealed in Sacred Scripture. Students are invited to a deeper understanding of both the joy and the demands of living out the call to discipleship as it is described in the Scriptures. Students explore discipleship as encountered in the Sacred Tradition of the Church (Sacraments, Liturgical Year and Church Teaching and Law), as part of their ongoing personal growth and faith understanding. Students explore Catholic rituals, teaching, practice, morals and values, and virtues to facilitate a healthy and covenantal relationship with self, God and with others. Using theological reflection, they are challenged to explore the connections and disconnections of ethical concepts (euthanasia, abortion, sexuality, etc.) between the Church and contemporary culture. The course focuses on encouraging students to know and love by following in the footsteps of Jesus. As they learn of his words and deeds, they discover the importance of prayerfully serving the community to bring about the Reign of God.

## Grade Ten

### **HRE200      Christ and Culture (Open)**

This course both invites and challenges the adolescent to personalize the Gospel values and social justice principles that guide Catholics in understanding their role in shaping culture as disciples of Jesus. Students will explore such foundational topics as: what it means to be human, created in God's image, what is culture, Christ and culture, living together in solidarity, social justice, prayer and sacrament, friendship and intimacy. Connections between the living Church and contemporary culture are explored in terms of what it means to be a responsible Christian adolescent in a secularized, pluralistic world.

## Grade Eleven

### **HRF300      World Religions and Belief Traditions in Daily Life (Open)**

This course enables students to study world religions and belief traditions in local, Canadian, and global contexts. Students will explore aspects of the human quest for meaning and will examine world religions and belief traditions as exemplified in various sacred teachings and principles, rites, and passages. They will also study the interaction throughout history between society and various belief traditions, and will have opportunities to develop research and inquiry skills related to the study of world religions and belief traditions.

### **HRT3M0      World Religions and Belief Traditions: Perspectives, Issues, and Challenges (University/College Preparation)**

This course provides students with opportunities to explore various world religions and belief traditions. Students will develop knowledge of the terms and concepts relevant to this area of study, will examine the ways in which religions and belief traditions meet various human needs, and will learn about the relationship between belief and action. They will examine sacred writings and teachings, consider how concepts of time and place influence different religions and belief traditions, and develop research and inquiry skills related to the study of human expressions of belief.

### **HSE3E0      Equity, Diversity, and Social Justice (Workplace Preparation)**

This course enables students to develop an understanding of historical and contemporary issues relating to equity, diversity, and social justice in a variety of contexts. Students will explore the nature of diversity and power relations in Canada and how social norms shape individual identity. They will learn about social activism and how to address situations that involve discrimination, harassment, and denial of rights. Students will develop and apply research skills and will design and implement a social action initiative relating to an equity, diversity, or social justice issue.

## Grade Twelve

**HRE4M0 Church and Culture (University/College Preparation)**

This course enables students to deepen their understanding of how the Church engages contemporary culture with faith and reason, in pursuit of love, justice, and the common good. Students will have the opportunity to learn how living the Baptismal vocation to a virtuous life, filled with the joy of the Gospel and nurtured by the sacraments, can transform them and society from within, allowing God to reign in human hearts. Topics in Social Justice that come under the heading of Catholic Social Teachings, will be covered and related to how they affect our everyday lives. Philosophy and how it relates to Church teachings will be highlighted in the lessons concerning social justice. Students will also refine research and inquiry skills. Prerequisite: HRT 3M or any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.

**HRE4O0 Church and Culture (Open)**

This course has the aim of assisting students in understanding themselves as moral persons living the way of Christ through an examination of the revelation of sacred Scripture, and the experience and teaching of the Catholic Church. It engages students in critical reflection on significant contemporary moral and ethical issues in light of Scripture, Church teaching, and their own experiences (i.e., Theological Reflection). Social and ecological justice issues are explored along with a study of topics that focus on Christian mercy and forgiveness. The graces and challenges of everyday human living, understanding who we are, what we are called to be, and living in relationships, including marriage, and family life are explored from a Catholic perspective. Students are challenged to adopt the Christian stance in the political world.

**HZT4U1 Philosophy: Questions and Theories (University Preparation)**

This course enables students to acquire an understanding of the nature of philosophy and philosophical reasoning skills and to develop and apply their knowledge and skills while exploring specialized branches of philosophy (the course will cover at least three of the following branches: metaphysics, ethics, epistemology, philosophy of science, social and political philosophy, aesthetics). Students will develop critical thinking and philosophical reasoning skills as they formulate and evaluate arguments related to a variety of philosophical questions and theories. They will also develop research and inquiry skills related to the study and practice of philosophy. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.



## **ENGLISH DEPARTMENT**

### ENGLISH COURSES:

|          |  |
|----------|--|
| GRADE 9  | ENLIW0, <i>ENG1L0*</i>                               |
| GRADE 10 | ENG2D1, ENG2P1, <i>ENG2L1*</i>                       |
| GRADE 11 | ENG3E1, EPS3O1, NBE3U1, NBE3C1                       |
| GRADE 12 | ENG4C1, ENG4E1, ENG4U1, EWC4U1**, IDC4O0**, IDC4U1** |

Special Note: St. Joseph's English Department offers a challenging program that will equip students with the skills required to use the spoken and written language confidently. It also recognizes the importance of language and literature in our society. In Grades 9 and 10, the students will build upon the skills of the elementary curriculum, using them in increasing complex forms. In Grades 11 and 12, the students will prepare for their postsecondary destinations. Developing independent research and study skills, as well as critical thinking skills, will become the focus.

*\*Locally developed courses are scheduled in consultation with the Special Education Department*

**\*\* EWC4U1 and IDC00C/4U1 are optional courses and are not a substitution for core English courses.**

## ENGLISH DEPARTMENT COURSES

| COURSE CODE                              | COURSE NAME   | PREREQUISITE   |
|--|---|--|
| ENLIW0                                   | English: De-streamed                                      |  |
| ENG1L0*                                  | <i>English: Locally Developed</i>                         |  |
| ENG2D1                                   | English: Academic   | English, Grade 9, De-streamed                              |
| ENG2L1*                                  | <i>English: Locally Developed</i>                         | <i>A Grade 9 English credit</i>                            |
| ENG3E1                                   | English: Workplace Preparation                            | <i>A Grade 10 English credit</i>                           |
| EPS3O1                                   | Presenting and Speaking Skills                            | English, Grade 10, Academic or Applied                     |
| NBE3C1                                   | Contemporary Aboriginal Voices:<br>College Preparation    | English, Grade 10, Applied                                 |
| NBE3U1                                   | Contemporary Aboriginal Voices:<br>University Preparation | English, Grade 10, Academic or Applied                     |
| ENG4C1                                   | English: College Preparation                              | English, Grade 11, College Preparation                     |
| ENG4E1                                   | English: Workplace Preparation                            | English, Grade 11, Workplace Preparation                   |
| ENG4U1                                   | English: University Preparation                           | English, Grade 11, University Preparation                  |
| EWC4U1<br><small>optional course</small> | The Writer's Craft: University<br>Preparation             | English, Grade 11, University Preparation                  |
| IDC4U1                                   | Interdisciplinary Studies: Yearbook                       | Any Senior University or University/College<br>Preparation |
| IDC4O0                                   | Interdisciplinary Studies: Yearbook                       | Any Senior College Preparation                             |

*\*Locally developed courses are scheduled in consultation with the Special Education Department*

# ENGLISH DEPARTMENT COURSE DESCRIPTIONS

## Grade Nine

### **ENLIW0 English (De-streamed)**

This course enables students to continue to develop and consolidate the foundational knowledge and skills that they need for reading, writing, and oral and visual communication. Throughout the course, students will continue to enhance their media literacy and critical literacy skills, and to develop and apply transferable skills, including digital literacy. Students will also make connections to their lived experiences and to society and increase their understanding of the importance of language and literacy across the curriculum.

### **ENG1L0 Locally Developed Grade 9 English**

This course emphasizes the development of essential reading and viewing strategies necessary for students to understand and make connections with texts that are part of school, workplace, and everyday life. Students will read and recognize a variety of short, engaging and relevant print and non-print text forms selected by both teacher and student. Students will also apply the writing process by generating and organizing ideas, writing drafts, revising and editing short written texts. The development of communication skills - listening and speaking- is also an integral part of this course.

## Grade Ten

### **ENG2D1 English (Academic)**

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course. Prerequisite: English, Grade 9, De-streamed

### **ENG2P1 English (Applied)**

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in secondary school and daily life. Students will study and create a variety of informational, literary, and graphic texts. An important focus will be on the consolidation of strategies and processes that help students interpret texts and communicate clearly and effectively. This course is intended to prepare students for the compulsory Grade 11 college or workplace preparation course. Prerequisite: English, Grade 9, De-streamed

### **ENG2L1 Locally Developed Grade 10 English**

In this course, students focus on extending their literacy communication skills to prepare for success in their daily lives, in the workplace or in the English Grade 11 Workplace Preparation course. The course is organized into strands that extend listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on refining foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students build on their strategies and engage in the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas. Prerequisite: A Grade 9 English credit.

## Grade Eleven

### **NBE3C1 Contemporary Aboriginal Voices (College Preparation)**

This course explores the themes, forms, and stylistic elements of literary, informational, graphic, oral, cultural, and media text forms emerging from First Nations, Métis, and Inuit cultures in Canada, and also looks at the perspectives and influences of texts that relate to those cultures. In order to understand contemporary text forms and their themes of identity, relationship, and self-determination, sovereignty, or self-governance, students will study the use of text forms by Indigenous authors/creators from other periods in expressing ideas related to these themes. Students will also create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English college preparation course. Prerequisite: English, Grade 10, Academic or Applied.

### **NBE3U1 Contemporary Aboriginal Voices (University Preparation)**

This course explores the themes, forms, and stylistic elements of a variety of literary, informational, graphic, oral, cultural, and media text forms emerging from First Nations, Métis, and Inuit cultures in Canada, and also examines the perspectives and influence of texts that relate to those cultures. In order to fully understand contemporary text forms and their themes of identity, relationship, and self-determination, sovereignty, or self-governance, students will analyse the changing use of text forms by Indigenous authors/creators from various periods and cultures in expressing ideas related to these themes. Students will also create oral, written, and media texts to explore their own ideas and understanding, focusing on the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. The course is intended to prepare students for the compulsory Grade 12 English university or college preparation course.

### **ENG3E1 English (Workplace Preparation)**

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will study the content, form, and style of a variety of contemporary informational, graphic, and literary texts; and create oral, written, and media texts in a variety of forms for practical purposes. An important focus will be on using language clearly and accurately in a variety of formal and informal contexts. The course is intended to prepare students for the compulsory Grade 12 workplace preparation course. Prerequisite: A Grade 10 English credit.

### **EPS301 Presentation and Speaking Skills (Open)**

This course emphasizes the knowledge and skills required to plan and make effective presentations and to speak effectively in both formal and informal contexts, using such forms as reports, speeches, debates, panel discussion, storytelling, recitations, interviews, and multimedia presentations. Students will research and analyse the content and characteristics of convincing speeches and the techniques of effective speakers; design and rehearse presentations for a variety of purposes and audiences; select and use visual and technological aids to enhance their message; and assess the effectiveness of their own and others' presentations. Prerequisite: English, Grade 10, Academic or Applied.

## Grade 12

### **ENG4C1 English (College Preparation)**

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a variety of informational and graphic texts, as well as literary texts from various countries and cultures, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity and developing greater control in writing. The course is intended to prepare students for college or the workplace. Prerequisite: English, Grade 11, College Preparation.

**ENG4E1 English (Workplace Preparation)**

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will analyse informational, graphic, and literary texts and create oral, written, and media texts in a variety of forms for workplace-related and practical purposes. An important focus will be on using language accurately and organizing ideas and information coherently. The course is intended to prepare students for the workplace and active citizenship. Prerequisite: English, Grade 11, Workplace Preparation.

**ENG4U1 English (University Preparation)**

This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a range of challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace. Prerequisite: English, Grade 11, University Preparation.

**EWC4U1 The Writer's Craft (University Preparation)**

This course emphasizes knowledge and skills related to the craft of writing. Students will analyse models of effective writing; use a workshop approach to produce a range of works; identify and use techniques required for specialized forms of writing; and identify effective ways to improve the quality of their writing. They will also complete a major paper as part of a creative or analytical independent study project and investigate opportunities for publication and for writing careers. Prerequisite: English, Grade 11, University Preparation. **Note:** This course is an optional course and is not a substitution for core English courses.

**IDC400 Interdisciplinary Studies Yearbook (College Preparation)**

Yearbook Production - This course focuses on the development of the skills necessary to create a student yearbook throughout its stages of production involving traditional and emerging technologies, tools and techniques. The course will follow aspects of the Lifetouch yearbook curricula. Students will develop the yearbook using contemporary layout and design techniques as well as explore the evolution of media arts and technologies. All students are expected to develop and exercise leadership in the creation of the yearbook in order to achieve success in the course. Prerequisite: Any senior college preparation course. **Note:** This course is an optional course and is not a substitution for core English courses.

**IDC4U1 Interdisciplinary Studies Yearbook (University Preparation)**

Yearbook Production - This course focuses on the development of the skills necessary to create a student yearbook throughout its stages of production involving traditional and emerging technologies, tools and techniques. The course will follow aspects of the Lifetouch yearbook curricula. Students will develop the yearbook using contemporary layout and design techniques as well as explore the evolution of media arts and technologies. All students are expected to develop and exercise leadership in the creation of the yearbook in order to achieve success in the course. Prerequisite: Any senior university or university/college preparation course. **Note:** This course is an optional course and is not a substitution for core English courses.

## **LANGUAGE DEPARTMENT**

### LANGUAGE COURSES:

GRADE 9           FSF1D0

GRADE 10         FSF2D1

GRADE 11         FSF3U1

GRADE 12         FSF4U1

Special Note: The French courses listed above are intended for students studying French as a second language.

## LANGUAGE DEPARTMENT COURSES

| COURSE CODE | COURSE NAME                         | PREREQUISITE                                  |
|-------------|-------------------------------------|---|
| FSF1D0      | Core French: De-streamed            |   |
| FSF2D1      | Core French: Academic               | Core French, Grade 9, De-streamed             |
| FSF3U1      | Core French: University Preparation | Core French, Grade 10, Academic               |
| FSF4U1      | Core French: University Preparation | Core French, Grade 11, University Preparation |

# LANGUAGE DEPARTMENT COURSE DESCRIPTIONS

## Grade Nine

### **FSF1D0      Core French (De-streamed)**

This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language knowledge and skills by using language-learning strategies introduced in the elementary Core French program, and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners. Prerequisite: Minimum of 600 hours of elementary Core French instruction, or equivalent.

## Grade Ten

### **FSF2D1      Core French (Academic)**

This course provides opportunities for students to communicate in French about personally relevant, familiar, and academic topics in real-life situations with increasing independence. Students will exchange information, ideas, and opinions with others in guided and increasingly spontaneous spoken interactions. Students will continue to develop their language knowledge and skills through the selective use of strategies that contribute to effective communication. They will also increase their understanding and appreciation of diverse French-speaking communities, and will continue to develop the skills necessary to become life-long language learners.

Prerequisite: Core French, Grade 9, De-streamed

## Grade Eleven

### **FSF3U1      Core French (University Preparation)**

This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their creative and critical thinking skills through responding to and exploring a variety of oral and written texts. They will continue to broaden their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning. Prerequisite: Core French, Grade 10, Academic.

## Grade Twelve

### **FSF4U1      Core French (University Preparation)**

This course provides extensive opportunities for students to speak and interact in French independently. Students will apply language-learning strategies in a wide variety of real-life situations, and will continue to develop their creative and critical thinking skills through responding to and interacting with a variety of oral and written texts. Students will also continue to enrich their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning. Prerequisite: Core French, Grade 11, University Preparation.



## **FRENCH IMMERSION DEPARTMENT**

### IMMERSION COURSES:

|          |  |
|----------|--|
| GRADE 9  | CGC1WL, FIF1DL, HRE1OL                         |
| GRADE 10 | CHC2DL, CIVCAR (CHV2OL/GLC2OL), FIF2DL, HRE2OL |
| GRADE 11 | FIF3UL, GPP3OL, HRT3ML, HFC3ML                 |
| GRADE 12 | FIF4UL, HSE4ML                                 |

### **FRENCH IMMERSION PROGRAM AT ST. JOSEPH'S HIGH SCHOOL**

A certificate in French Immersion may be granted if a student has successfully completed the sequence of four courses in French Immersion and a minimum of six courses in other subjects taught in French.

- Gr. 9 French Language, Géographie, Religion
- Gr. 10 French Language, Histoire, La Citoyenneté et l'Exploration du Choix de Carrières, Religion
- Gr. 11 French Language, Leadership and Peer Support, Religion, Food and Culture
- Gr. 12 French Language, Equality & Social Justice: From Theory to Practice

Students enrolled in the French Immersion Program at St. Joseph's High School will have the benefit of completing compulsory courses while simultaneously expanding their studies in the French language.

## FRENCH IMMERSION DEPARTMENT COURSES

| COURSE CODE | COURSE NAME   | PREREQUISITE                                       |
|-------------|---|--|
| CGC1WL      | French Immersion Exploring Canadian Geography: De-streamed  |  |
| FIF1DL      | French Immersion: De-streamed   |  |
| HRE1OL      | French Immersion Religious Education: Open  |  |
| CHC2DL      | French Immersion Canadian History since World War I: Academic   |  |
| CIVCAR      | <i>CHV2OL/GLC2OL</i>  |  |
| FIF2DL      | French Immersion: Academic  | French Immersion, Grade 9, Academic                |
| HRE2OL      | French Immersion Religious Education: Open  |  |
| FIF3UL      | French Immersion: University Preparation  | French Immersion, Grade 10, Academic               |
| GPP3OL      | Leadership and Peer Support: Open   |  |
| HRT3ML      | French Immersion World Religions: Beliefs, Issues, And Religious Traditions: University/College Preparation |  |
| HFC3ML      | Food and Culture: University/College Preparation  |  |
| FIF4UL      | French Immersion: University Preparation  | French Immersion, Grade 11, University Preparation |
| HSE4ML      | Equality and Social Justice: From Theory to Practice: University/College Preparation                        |  |

# FRENCH IMMERSION COURSE DESCRIPTIONS

## Grade Nine

### **CGC1WL Exploring Canadian Geography (De-streamed)**

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live.

### **FIF1DL French Immersion (Academic)**

This course provides opportunities for students to speak and interact in French independently in a variety of real-life and personally relevant contexts. Students will develop their ability to communicate in French with confidence by using language-learning strategies introduced in the elementary French Immersion program. Students will enhance their knowledge of the language through the study of French-Canadian literature. They will also continue to increase their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: Minimum of 3800 hours of instruction in elementary French Immersion, or equivalent.

### **HRE1OL Religious Education (Open)**

This course uses the Beatitudes as a framework to examine the attitudes and actions that characterize the Christian life. Students will derive knowledge and skills from a study of Scripture, profession of Faith, Christian Moral Development, Prayer, Sacramental Life, and Family Life. Students are encouraged to grow in Gospel values while actively engaging in a variety of challenging educational activities.

## Grade Ten

### **CHC2DL Canadian History since World War I (Academic)**

This course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on Canadian identity, citizenship, and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914.

### **CHV2OL Civics and Citizenship (Open)**

This is a half credit course taught in conjunction with Career Studies (GLC2OL)

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.

**FIF2DL French Immersion (Academic)**

This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will use a variety of language-learning strategies in listening, speaking, reading, and writing, and will respond to and interact with print, oral, visual, and electronic texts. Students will develop their knowledge of the French language through the study of contemporary and historically well-known French European literature. They will also continue to increase their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: French Immersion, Grade 9, Academic or Applied.

**GLC2OL Careers Studies (Open)**

This is a half credit course taught in conjunction with Civics and Citizenship (CHV2OL).

This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement. Students will assess their interests, skills, and characteristics and investigate current economic and workplace trends, work opportunities, and ways to search for work. The course explores postsecondary learning and career options, prepares students for managing work and life transitions, and helps students focus on their goals through the development of a career plan.

**HRE2OL Catholic Studies (Open)**

This course examines the relationship between the person and message of Christ and the dominant attitudes of contemporary culture. Central to this course is the sacramental nature of Jesus and through His incarnation, the sacramentality of the Catholic Church, persons, and all of creation. Beginning with students' own life experiences, seen in light of the Gospel narratives, students acquire a deeper and more systematic knowledge of Christ, his message, and his Church. Connections between the Church and contemporary culture are explored in terms of what it means to be a responsible adolescent developing as a member of a Catholic, Christian community while living within the context of a secular society. In the Family Life Education strand, students explore a variety of topics related to the themes of person-hood, interpersonal relationships, and sexuality. Students have the opportunity to experience first-hand the call and response to Christian Community Service.

Grade Eleven

**FIF3UL French Immersion (University Preparation)**

This course provides opportunities for students to consolidate the communication skills required to speak and interact with increasing confidence and accuracy in French in a variety of academic and social contexts. Students will apply language-learning strategies while exploring a variety of concrete and abstract topics, and will increase their knowledge of the language through the study of French literature from around the world. They will also continue to deepen their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: French Immersion, Grade 10, Academic.

**GPP3OL Leadership and Peer Support (Open)**

This course prepares students to act in leadership and peer support roles. They will design and implement a plan for contributing to their school and/or community; develop skills in communication, interpersonal relations, teamwork, and conflict management; and apply those skills in leadership and/or peer support roles – for example, as a student council member or a peer tutor. Students will examine group dynamics and learn the value of diversity within groups and communities.

**HRT3ML      World Religions: Beliefs, Issues, and Religious Traditions (University/College Preparation)**

This course enables students to discover what others believe and how they live, and to appreciate their own unique heritage. Students will learn about the teachings and traditions of a variety of religions, the connections between religion and the development of civilizations, the place and function of religion in human experience, and the influence of a broad range of religions on contemporary society. This course also introduces students to skills used in researching and investigating world religions.

**HFC3ML      Food and Culture (University/College Preparation)**

This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will explore the origins of and developments in diverse food traditions. They will demonstrate the ability to cook with ingredients and equipment from a variety of cultures, compare food-related etiquette in many countries and cultures, and explain how Canadian food choices and traditions have been influenced by other cultures. Students will develop practical skills and apply social science research methods while investigating foods and food practices from around the world.

Grade Twelve

**FIF4UL      French Immersion (University Preparation)**

This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will consolidate language-learning strategies and apply them while communicating about concrete and abstract topics, and will independently respond to and interact with a variety of oral and written texts. Students will study a selection of French literature from the Middle Ages to the present. They will also continue to enrich their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary to become life-long language learners. Prerequisite: French Immersion, Grade 11, University Preparation.

**HSE4ML      Equality and Social Justice: From Theory to Practice (University/College Preparation)**

This course enables students to develop an understanding of the theoretical, social, and historical underpinnings of various equity and social justice issues and to analyse strategies for bringing about positive social change. Students will learn about historical and contemporary equity and social justice issues in Canada and globally. They will explore power relations and the impact of a variety of factors on equity and social justice. Students will develop and apply research skills and will design and implement a social action initiative relating to an equity or social justice issue.

## MATHEMATICS DEPARTMENT

### MATHEMATICS COURSES:

GRADE 9            MTH1W0, *MAT1L0\**

GRADE 10          MFM2P1, MPM2D1, *MAT2L1\**

GRADE 11          MBF3C1, MCF3M1, MCR3U1, MEL3E1

GRADE 12          MAP4C1, MCT4C1, MCV4U1, MDM4U1, MHF4U1

### Special Note:

MPM2D1 is the prerequisite course for **all university** bound students, and for **most college** bound students.

*\*Locally developed courses are scheduled in consultation with the Special Education Department*

## MATHEMATICS DEPARTMENT COURSES

| COURSE CODE    | COURSE NAME  | PREREQUISITE  |
|----------------|--|---|
| MTH1W0         | Mathematics: De-streamed   |   |
| <i>MAT1L0*</i> | <i>Mathematics: Locally Developed</i>                                  |   |
| MFM2P1         | Foundations Of Mathematics: Applied                                    | Mathematics, Grade 9, De-streamed   |
| MPM2D1         | Principles Of Mathematics: Academic                                    | Mathematics, Grade 9, De-streamed   |
| <i>MAT2L1*</i> | <i>Mathematics: Locally Developed</i>                                  | A Grade 9 Mathematics credit  |
| MBF3C1         | Mathematics Of Personal Finance: College Preparation                   | Foundations of Mathematics, Grade 10, Applied or Principles Of Mathematics, Grade 10, Academic  |
| MCF3M1         | Functions: University/College Preparation                              | Principles of Mathematics, Grade 10, Academic or Foundations of Mathematics, Grade 10, Applied  |
| MCR3U1         | Functions And Relations: University Preparation                        | Principles of Mathematics, Grade 10, Academic   |
| MEL3E1         | Mathematics For Everyday Life: Workplace Preparation                   | Mathematics, Grade 9, Academic or Applied   |
| MAP4C1         | College And Apprenticeship Mathematics: College Preparation            | Mathematics of Personal Finance, Grade 11, College Preparation, or Functions, Grade 11, University/College Preparation (or Functions and Relations, Grade 11, University Preparation) |
| MCT4C1         | Mathematics for College Technology                                     | Functions and Applications, Grade 11, University/College Preparation, or Functions, Grade 11, University Preparation  |
| MCV4U1         | Calculus and Vectors: University Preparation<br>University Preparation | Functions and Relations, Grade 11, University Preparation, or Functions, Grade 11, University/College Preparation   |
| MDM4U1         | Mathematics Of Data Management: University Preparation                 | Functions and Relations, Grade 11, University Preparation, or Functions, Grade 11, University/College Preparation   |
| MHF4U1         | Advanced Functions: University Preparation                             | Functions, Grade 11, University Preparation, or Mathematics for College Technology, Grade 12, College Preparation   |

*\*Locally developed courses are scheduled in consultation with the Special Education Department*

# MATHEMATICS DEPARTMENT COURSE DESCRIPTIONS

## Grade Nine

### **MTH1W0 Principles of Mathematics (De-streamed)**

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

### **MAT1L0 Locally Developed Grade 9 Mathematics**

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 LDCC course, and in the Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities. This course is **recommended** for those students with **pronounced difficulties** in mathematics.

## Grade Ten

### **MFM2P1 Foundations of Mathematics (Applied)**

This course enables students to consolidate their understanding of linear relations and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relations. Students will investigate similar triangles, the trigonometry of right triangles, and the measurement of three-dimensional figures. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Prerequisite: Mathematics, Grade 9, De-streamed

### **MPM2D1 Principles of Mathematics (Academic)**

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Prerequisite: Mathematics, Grade 9, De-streamed

### **MAT2L1 Locally Developed Grade 10 Mathematics**

The course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 Mathematics Workplace Preparation course. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities. Prerequisite: A Grade 9 Mathematics credit.

## Grade 11



**MBF3C1 Foundations for College Mathematics (College Preparation)**

This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; develop their ability to reason by collecting, analyzing, and evaluating data involving one variable; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Prerequisite: Foundations of Mathematics, Grade 10, Applied.

**MCF3M1 Functions and Applications (University/College Preparation)**

This course introduces basic features of the function by extending students' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modeling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Prerequisite: Principles of Mathematics, Grade 10, Academic, or Foundations of Mathematics, Grade 10, Applied.

**MCR3U1 Functions (University Preparation)**

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate inverse functions; and develop facility in determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems. Prerequisite: Principles of Mathematics, Grade 10, Academic.

**MEL3E1 Mathematics for Everyday Life (Workplace Preparation)**

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Prerequisite: Principles of Mathematics, Grade 9, Academic, or Foundations of Mathematics, Grade 9, Applied, or a ministry-approved locally developed Grade 10 mathematics course.

Grade 12

**MAP4C1 College and Apprenticeship Mathematics (College Preparation)**

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyse data using statistical methods; solve problems involving applications of geometry and trigonometry; solve financial problems connected with annuities, budgets, and renting or owning accommodation; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services. **This course is not recommended for skilled trades or apprenticeships.** Prerequisite: Mathematics or Personal Finance, Grade 11, college Preparation, or Foundations for College Mathematics, Grade 11, College Preparation, or Functions and Applications, Grade 11, University/College Preparation.

**MCT4C1 Mathematics for College Technology (College Preparation)**

This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, exponential, and trigonometric functions; continue to represent functions numerically, graphically, and

algebraically; develop facility in simplifying expressions and solving equations; and solve problems that address applications of algebra, trigonometry, and geometry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. **This course prepares students for a variety of college technology programs. This course also prepares the students to be successful in college. It is preferred that college bound students needing math take this course.** *Prerequisite:* Functions and Applications, Grade 11, University/College Preparation, Functions, Grade 11, University.

#### **MCV4U1                      Calculus and Vectors (University Preparation)**

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors and representations of lines and planes in three-dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, sinusoidal, exponential, rational, and radical functions; and apply these concepts and skills to the modeling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who choose to pursue careers in fields such as science, engineering, economics, and some areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.

Note: The Advanced Functions course (MHF4U) must be taken prior to or concurrently with Calculus and Vectors (MCV4U). Functions and Relations, Grade 11, University Preparation, or Functions, Grade 11, University/College Preparation

#### **MDM4U1                      Mathematics of Data Management (University Preparation)**

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing and analysing large amounts of information; solve problems involving probability and statistics; and carry out a culminating investigation that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. Students planning to enter university programs in business, the social sciences, and the humanities will find this course of particular interest. *Prerequisite:* Functions, Grade 11, University Preparation, or Functions and Applications, Grade 11, University/College Preparation.

#### **MHF4U1                      Advanced Functions (University Preparation)**

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students taking the Calculus and Vectors course as a prerequisite for a university program and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs. *Prerequisite:* Functions, Grade 11, University Preparation or Mathematics for College Technology, Grade 12, College Preparation.

## **PHYSICAL EDUCATION DEPARTMENT**

### PHYSICAL EDUCATION COURSES:

|          |                                |
|----------|--------------------------------|
| GRADE 9  | PPL1OC, PPL1OF, PPL1OM         |
| GRADE 10 | PAF2OC, PPL2OC, PPL2OF, PPL2OM |
| GRADE 11 | PAF3OC, PAI3OC, PPL3OC         |
| GRADE 12 | PAF4OC, PLF4M1, PPL4OC, PSK4U1 |

### Special note:

Courses ending with 'F' are intended for females only. Courses ending in 'M' are intended for males only. All other courses are coeducational.

## PHYSICAL EDUCATION DEPARTMENT COURSES

| COURSE CODE | COURSE NAME  | PREREQUISITE   |
|-------------|--|--|
| PPL1OC      | Health and Physical Education:<br>Open                               |  |
| PPL1OF      | Health and Physical Education:<br>Open (Female)                      |  |
| PPL1OM      | Health and Physical Education:<br>Open (Male)                        |  |
| PAF2OC      | Personal and Fitness Activities:<br>Open                             |  |
| PPL2OC      | Healthy Active Living Education:<br>Open                             |  |
| PPL2OF      | Healthy Active Living Education:<br>Open (Female)                    |  |
| PPL2OM      | Healthy Active Living Education:<br>Open (Male)                      |  |
| PAF3OC      | Personal and Fitness Activities:<br>Open                             | A Grade 9 or 10 Physical Education Credit is recommended   |
| PAI3OC      | Healthy Active Living Education:<br>Open (Male)                      | A Grade 9 or 10 Physical Education Credit is recommended   |
| PPL3OC      | Healthy Active Living Education:<br>Open (Leadership)                | A Grade 9 or 10 Physical Education Credit is recommended   |
| PAF4OC      | Personal and Fitness Activities:<br>Open                             | A Grade 9 or 10 Physical Education Credit<br>PAF3OC or PPL3OC is recommended   |
| PLF4M1      | Recreation And Fitness Leadership:<br>University/College Preparation | Prerequisite: Any health and physical education course.  |
| PPL4OC      | Healthy Active Living Education:<br>Open (Male)                      | A Grade 9 or 10 Physical Education Credit<br>PAF3OC or PPL3OC is recommended   |
| PSK4U1      | Introductory Kinesiology: University<br>Preparation                  | Prerequisite: Any Grade 11 university or university /college preparation course in science, or any Grade 11 or 12 open course in health and physical education |

# PHYSICAL EDUCATION DEPARTMENT COURSE DESCRIPTIONS

## Grade Nine

**PPL10C**

**PPL10F**

**PPL10M                    Healthy Active Living Education (Open)**

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs, and will participate in activities designed to develop goal setting, communication, and social skills.

## Grade Ten

**PAF20C                    Personal and Fitness Activities (Open)**

Fitness classes are designed to meet the individual needs of each student participating in the course in a health club environment. Instruction will be given to safe and proper use of equipment in a fitness center. Students will learn sound principles of training and nutrition for maximum health and fitness benefits. Students will set fitness goals and work on achieving them throughout the semester. Prerequisite: A Grade 9 Physical Education credit.

**PPL20C**

**PPL20F**

**PPL20M                    Healthy Active Living Education (Open)**

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Student learning will include the application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision-making, conflict resolution, and social skills in making personal choices. Prerequisite: None. Strongly Recommended: PPL10M/F/C.

## Grade Eleven

**PAF30C                    Personal and Fitness Activities (Open)**

Healthy Active Living Education, Grade 11, Open (This course will place an emphasis on personal fitness). This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety. (\*Note: According to Ministry of Education policy, a student may take only one of PPL30 or PAF30 for credit). Prerequisite: None, Strongly Recommended: PPL10M/F/C or PPL20M/F/C.

**PAI30C                    Healthy Active Living Education - Leadership (Open)**

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy living. Student learning will include application of movement principles to refine skills; participation in a variety of activities that enhance personal competence, fitness, and health; examination of issues related to healthy sexuality, healthy eating, substance use and abuse; and the use of informed decision making, conflict resolution, and social skills in making personal choices. Student leadership is emphasized.

**PPL30C                    Healthy Active Living Education (Open)**

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal-setting, decision-making, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety.

Grade Twelve

**PAF40C                    Personal and Fitness Activities (Open)**

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others. (\*Note: According to Ministry of Education policy, a student may take only one of PPL40 or PAF40 for credit). Prerequisite: None, Strongly Recommend: PAF30 or PPL30.

**PLF4M1                    Recreation and Fitness Leadership (University/College Preparation)**

This course enables students to explore the benefits of lifelong participation in active recreation and healthy leisure and to develop the leadership and coordinating skills needed to plan, organize, and safely implement recreational events and other activities related to healthy, active living. Students will also learn how to promote the benefits of healthy, active living to others through mentoring and assisting them in making informed decisions that enhance their well-being. The course will prepare students for university programs in physical education and health and kinesiology and for college and university programs in recreation and leisure management, fitness and health promotion, and fitness leadership. Prerequisite: Any health and physical education course

**PPL40C                    Healthy Active Living Education (Open)**

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others.

**PSK4U1                    Introductory Kinesiology (University Preparation)**

This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sport, and the physiological, psychological, and social factors that influence an individual's participation in physical activity and sport. The course prepares students for university programs in physical education and health, kinesiology, health sciences, health studies, recreation, and sports administration. Prerequisite: Any Grade 11 university or university/college preparation course in science, or any Grade 11 or 12 course in health and physical education.

## SCIENCE DEPARTMENT

### SCIENCE COURSES

GRADE 9            SNC1W0, SNC1L0\*

GRADE 10          SNC2D1, SNC2P1

GRADE 11          SBI3C1, SBI3U1, SCH3U1, SPH3U1, SVN3E1, SVN3M1

GRADE 12          SBI4U1, SCH4C1, SCH4U1, SES4U1, SNC4M1, SPH4C1, SPH4U1

#### Special Note:

It has been our experience that students, who achieve less than 60% in any Science course, have great difficulty with the next level of the program. Careful consideration should be given before proceeding in that program.

*\*Locally developed courses are scheduled in consultation with the Special Education Department*

## SCIENCE DEPARTMENT COURSES

| COURSE CODE    | COURSE NAME   | PREREQUISITE   |
|----------------|---|--|
| SNC1W0         | Science: De-streamed                                  |  |
| <i>SNC1L0*</i> | <i>Science: Locally Developed</i>                     |  |
| SNC2D1         | Science: Academic                                     | Science, Grade 9, De-streamed  |
| SNC2P1         | Science: Applied                                      | Science, Grade 9, De-streamed  |
| SBI3C1         | Biology: College Preparation                          | Science, Grade 10, Academic or Applied                                       |
| SBI3U1         | Biology: University Preparation                       | Science, Grade 10, Academic  |
| SCH3U1         | Chemistry: University Preparation                     | Science, Grade 10, Academic  |
| SPH3U1         | Physics: University Preparation                       | Science, Grade 10, Academic  |
| SVN3E1         | Environmental Science: Workplace Preparation          | Science, Grade 9, Academic or Applied or Science, Grade 9, Locally Developed |
| SVN3M1         | Environmental Science: College/University Preparation | Science, Grade 10, Academic or Applied                                       |
| SBI4U1         | Biology: University Preparation                       | Biology, Grade 11, University Preparation                                    |
| SCH4C1         | Chemistry: College Preparation                        | Science, Grade 10, Academic or Applied                                       |
| SCH4U1         | Chemistry: University Preparation                     | Chemistry, Grade 11, University Preparation                                  |
| SES4U1         | Earth and Space Science: University Preparation       | Science, Grade 10, Academic  |
| SNC4M1         | Science: College/University Preparation               | Science, Grade 10, Academic or Applied                                       |
| SPH4C1         | Physics: College Preparation                          | Science, Grade 10, Academic or Applied                                       |
| SPH4U1         | Physics: University Preparation                       | Physics, Grade 11, University Preparation                                    |

*\*Locally developed courses are scheduled in consultation with the Special Education Department*



# SCIENCE DEPARTMENT COURSE DESCRIPTIONS

## Grade Nine

### **SNC1W0 Science (De-streamed)**

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

### **SNC1L0 Locally Developed Grade 9 Science**

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics, including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

## Grade Ten

### **SNC2D1 Science (Academic)**

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid-base reactions; forces that affect climate and climate change; and the interaction of light and matter. Prerequisite: Science, Grade 9, De-streamed.

### **SNC2P1 Science (Applied)**

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues related to human cells and body systems; chemical reactions; factors affecting climate change; and the interaction of light and matter. Prerequisite: Science, Grade 9, De-streamed.

## Grade Eleven

### **SBI3C1 Biology (College Preparation)**

This course focuses on the processes involved in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, animal anatomy and physiology, plant structure and physiology, and environmental science. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields. Prerequisite: Science, Grade 10, Academic or Applied.

**SBI3U1                    Biology (University Preparation)**

This course furthers students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation. Prerequisite: Science, Grade 10, Academic.

**SCH3U1                    Chemistry (University Preparation)**

This course focuses on the concepts and theories that form the basis of modern chemistry. Students will study the behaviours of solids, liquids, gasses, and solutions; investigate changes and relationships in chemical systems; and explore how chemistry is used in developing new products and processes that affect our lives and our environment. Emphasis will also be placed on the importance of chemistry in other branches of science. Prerequisite: Science, Grade 10, Academic.

**SPH3U1                    Physics (University Preparation)**

This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment. Prerequisite: Science, Grade 10, Academic.

**SVN3E1                    Environmental Science (Workplace Preparation)**

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in work and life after secondary school. Students will explore a range of topics, including the impact of human activities on the environment; human health and the environment; energy conservation; resource science and management; and safety and environmental responsibility in the workplace. Emphasis is placed on relevant, practical applications and current topics in environmental science, with attention to the refinement of students' literacy and mathematical literacy skills as well as the development of their scientific and environmental literacy. Prerequisite: Science, Grade 9, Academic or Applied, or Grade 9 locally developed compulsory credit (LDCC) course in science.

**SVN3M1                    Environmental Science (University/College Preparation)**

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in life after secondary school. Students will explore a range of topics, including the role of science in addressing contemporary environmental challenges; the impact of the environment on human health; sustainable agriculture and forestry; the reduction and management of waste; and the conservation of energy. Students will increase their scientific and environmental literacy and examine the interrelationships between science, the environment, and society in a variety of areas. Prerequisite: Grade 10 Science, Applied or Academic.

Grade Twelve

**SBI4U1                    Biology (University Preparation)**

This course provides students with the opportunity for in-depth study of the concepts and processes associated with biological systems. Students will study theory and conduct investigations in the areas of metabolic processes, molecular genetics, homeostasis, evolution, and population dynamics. Emphasis will be placed on achievement of the detailed knowledge and refined skills needed for further study in various branches of the life sciences and related fields. Prerequisite: Biology, Grade 11, University Preparation.

**SCH4C1 Chemistry (College Preparation)**

This course introduces students to the concepts that form the basis of modern chemistry. Students will study qualitative analysis, quantitative relationships in chemical reactions, organic chemistry and electrochemistry, and chemistry as it relates to the quality of the environment. Students will employ a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and in the development of new technologies and products. Prerequisite: Science, Grade 10, Academic or Applied.

**SCH4U1 Chemistry (University Preparation)**

This course enables students to deepen their understanding of chemistry through the study of organic chemistry, energy changes and rates of reaction, chemical systems and equilibrium, electrochemistry, and atomic and molecular structure. Students will further develop problem-solving and laboratory skills as they investigate chemical processes, at the same time refining their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in daily life, and on evaluating the impact of chemical technology on the environment. Prerequisite: Chemistry, Grade 11, University Preparation.

**SES4U1 Earth and Space Science (University Preparation)**

This course develops students' understanding of Earth and its place in the universe. Students will investigate the properties of and forces in the universe and solar system and analyse techniques scientists use to generate knowledge about them. Students will closely examine the materials of Earth, its internal and surficial processes, and its geological history, and will learn how Earth's systems interact and how they have changed over time. Throughout the course, students will learn how these forces, processes, and materials affect their daily lives. The course draws on biology, chemistry, physics and mathematics in its consideration of geological and astronomical processes that can be observed directly or inferred from other evidence. Prerequisite: Science, Grade 10, Academic.

**SNC4M1 Science (University/College Preparation)**

This course enables students, including those pursuing postsecondary programs outside the sciences, to increase their understanding of science and contemporary social and environmental issues in health-related fields. Students will explore a variety of medical technologies, pathogens and disease, nutritional science, public health issues, and biotechnology. The course focuses on the theoretical aspects of the topics under study and helps refine students' scientific investigation skills. PREREQUISITE: SPH3U1 - Physics - Grade 11 or SVN3M1 - Environmental Science - Grade 11 or SNC2D1 - Science - Grade 10 or SCH3U1 - Chemistry - Grade 11 or SBI3C1 - Biology - Grade 11 or SBI3U1 - Biology - Grade 11

**SPH4C1 Physics (College Preparation)**

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment. Prerequisite: Science, Grade 10, Academic or Applied.

**SPH4U1 Physics (University Preparation)**

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyse, qualitatively and quantitatively, data related to a variety of physics concepts and principles. Students will also consider the impact of technological applications of physics on society and the environment. Prerequisite: Physics, Grade 11, University.

## SOCIAL SCIENCE DEPARTMENT

### SOCIAL SCIENCE COURSES:

GRADE 9            CGC1W0, CGC1PS

GRADE 10          CHC2D0, CHC2P0, *CHC2L0\**, CHV2O0

GRADE 11          CGG3O1, CHW3M1, CLU3M1, HPC3O0, HSP3C0, HSP3U1

GRADE 12          CGW4U1, CHY4U1, CIA4U1, CLN4U1, HHS4U1, HPD4C0, HSB4U1, HZT4U1

Special Note: The Grade 10 **compulsory course** in Civics and Citizenship, CHV2O0 is a 0.5 credit course that is combined with another 0.5 credit course in Careers, GLC 2O0. The course code for these compulsory courses is CARCIV.

CHV2O0            CIVICS: OPEN (0.5 Credit)

*\*Locally developed courses are scheduled in consultation with the Special Education Department*

## SOCIAL SCIENCES DEPARTMENT COURSES

| COURSE CODE | COURSE NAME   | PREREQUISITE  |
|-------------|---|---|
| CGC1W0      | Exploring Canadian Geography: De-streamed   |   |
| CGC1PS      | Exploring Canadian Geography: Locally Developed                                   |   |
| CHC2D0      | Canadian History Since World War 1: Academic                                      |   |
| CHC2P0      | Canadian History Since World War 1: Applied                                       |   |
| CHC2L0*     | <i>Canadian History: Locally Developed</i>  |   |
| CHV200      | Civics Open   | Corequisite: Careers Studies  |
| CGG3O1      | Travel and Tourism: A Geographic Perspective: Open                                | Issues in Canadian Geography, Grade 9, De-streamed  |
| CHW3M1      | World History to the End of the Fifteenth Century: University/College Preparation | Canadian History Since World War 1, Grade 10, Academic or Applied   |
| CLU3M1      | Understanding Canadian Law: University/College Preparation                        | Canadian History Since World War 1, Grade 10, Academic or Applied   |
| HPC3O0      | Raising Healthy Children: Open  |   |
| HSP3C0      | Introduction to Anthropology, Psychology and Sociology: College Preparation       |   |
| HSP3U1      | Introduction to Anthropology, Psychology and Sociology: University Preparation    | English, Grade 10, Academic or Canadian History Since World War 1, Grade 10, Academic   |
| CGW4U1      | Canadian and World Issues: A Geographic Analysis: University Preparation          | Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities           |
| CIA4U1      | Analyzing Current Economic Issues   | Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities           |
| CHY4U1      | World History since the Fifteenth Century   | Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities           |
| CLN4U1      | Canadian and International Law: University Preparation                            | Any university, university/college, or college preparation course in social sciences and humanities, English, or Canadian and world studies |
| HHS4U1      | Families in Canada: University Preparation  | Any university, university/college, or college preparation course in social sciences and humanities, English, or Canadian and world studies |
| HPD4C0      | Working with School Age Children and Adolescence: College Preparation             | Any university, college, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies |
| HSB4U1      | Challenge and Change in Society: University Preparation                           | Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities           |
| HZT4U1      | Philosophy: Questions and Theories: University Preparation                        | Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.          |

# SOCIAL SCIENCES DEPARTMENT DESCRIPTIONS

## Grade Nine

### **CGC1W0 Exploring Canadian Geography (De-streamed)**

This course builds on learning in Grades 7 and 8 in geography. Students will explore relationships within and between Canada's natural and human systems and how they interconnect with other parts of the world. Students will also examine environmental and economic issues, and their impact related to topics such as natural resources and industries, careers, land use and responsible development, and sustainability. In addition, students will understand the connections that diverse communities and individuals have with the physical environment and each other throughout Canada, including First Nations, Métis, and Inuit perspectives. Students will apply geographic thinking, use the geographic inquiry process, and use geospatial technologies throughout their investigations.

### **CGC1PS Exploring Canadian Geography (Locally Developed)**

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place in which to live.

## Grade Ten

### **CHC2D0 Canadian History since World War I (Academic)**

This course explores social, economic, and political developments and events and their impact on the lives of different groups in Canada since 1914. Students will examine the role of conflict and cooperation in Canadian society, Canada's evolving role within the global community, and the impact of various individuals, organizations, and events on Canadian identity, citizenship, and heritage. They will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating key issues and events in Canadian history since 1914.

### **CHC2P0 Canadian History since World War I (Applied)**

This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to Canadian heritage and identity. Students will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada.

### **CHC2L0 Canadian History (Locally Developed)**

This course focuses on the social context of historical developments and events and how they have affected the lives of people in Canada since 1914. Students will explore interactions between various communities in Canada as well as contributions of individuals and groups to Canadian heritage and identity. Students will develop their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating the continuing relevance of historical developments and how they have helped shape communities in present-day Canada.

### **CHV200 Civics and Citizenship (Open)**

This is a half credit course taught in conjunction with Career Studies (GLC200)

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.

### Grade Eleven

#### **CGG301      Travel and Tourism: A Geographic Perspective (Open)**

This course focuses on issues related to travel and tourism within and between various regions of the world. Students will investigate unique environmental, sociocultural, economic, and political characteristics of selected world regions. They will explore travel patterns and trends, as well as tensions related to tourism, and will predict future tourism destinations. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate the impact of the travel industry on natural environments and human communities. Prerequisite: Issues in Canadian Geography, Grade 9, De-streamed

#### **CHW3M1      World History to the End of the Fifteenth Century (University/College Preparation)**

This course explores the history of various societies and civilizations around the world, from earliest times to around 1500 CE. Students will investigate a range of factors that contributed to the rise, success, and decline of various ancient and pre-modern societies throughout the world and will examine life in and the cultural and political legacy of these societies. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras. Prerequisite: Canadian History Since World War 1, Grade 10, Academic or Applied.

#### **CLU3M1      Understanding Canadian Law (University/College Preparation)**

This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of rights and freedoms in Canada, our legal system, and family, contract, employment, tort, and criminal law. Students will use case studies and apply the concepts of legal thinking and the legal inquiry process to develop legal reasoning skills and to formulate and communicate informed interpretations of legal issues, and they will develop the ability to advocate for new laws. Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied.

#### **HPC300      Raising Healthy Children (Open)**

This course focuses on the skills and knowledge parents, guardians, and caregivers need, with particular emphasis on maternal health, pregnancy, birth, and the early years of human development (birth to six years old). Through study and practical experience, students will learn how to meet the developmental needs of young children, communicate with them, and effectively guide their early behaviour. Students will develop their research skills through investigations related to caregiving and child rearing.

#### **HSP3C0      Introduction to Anthropology, Psychology, and Sociology (College Preparation)**

This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. They will be given opportunities to apply theories from a variety of perspectives, to conduct social science research, and to become familiar with current issues within the three disciplines.

**HSP3U1 Introduction to Anthropology, Psychology, and Sociology (University Preparation)**

This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists. They will be given opportunities to explore theories from a variety of perspectives, to conduct social science, and to become familiar with current thinking on a range of issues within the three disciplines. Prerequisite: The Grade 10 *academic* course in English or the Grade 10 *academic* history course (Canadian and world studies).

Grade Twelve

**CGW4U1 Canadian and World Issues: A Geographic Analysis (University Preparation)**

This course examines the global challenges of creating a sustainable and equitable future, focusing on current issues that illustrate these challenges. Students will investigate a range of topics, including cultural, economic, and geopolitical relationships, regional disparities in the ability to meet basic human needs, and protection of the natural environment. Students will use geotechnologies and skills of geographic inquiry and analysis to develop and communicate balanced opinions about the complex issues facing Canada and a world that is interdependent and constantly changing. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.

**CHY4U1 World History since the Fifteenth Century (University Preparation)**

This course traces major developments and events in world history since approximately 1450. Students will explore social, economic, and political changes, the historical roots of contemporary issues, and the role of conflict and cooperation in global interrelationships. They will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, as they investigate key issues and ideas and assess societal progress or decline in world history. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.

**CIA4U1 Analyzing Current Economic Issues (University Preparation)**

This course examines current Canadian and international economic issues, developments, policies, and practices from diverse perspectives. Students will explore the decisions that individuals and institutions, including governments, make in response to economic issues such as globalization, trade agreements, economic inequalities, regulation, and public spending. Students will apply the concepts of economic thinking and the economic inquiry process, as well as economic models and theories, to investigate, and develop informed opinions about, economic trade-offs, growth, and sustainability and related economic issues. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.

**CLN4U1 Canadian and International Law (University Preparation)**

This course examines elements of Canadian and international law in social, political, and global contexts. Students will study the historical and philosophical sources of law and the principles and practices of international law and will learn to relate them to issues in Canadian society and the wider world. Students will use critical-thinking and communication skills to analyse legal issues, conduct independent research, and present the results of their inquiries in a variety of ways. Prerequisite: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities.



**HHS4U1 Families in Canada (University Preparation)**

This course enables students to draw on sociological, psychological, and anthropological theories and research to analyse the development of individuals, intimate relationships, and family and parent-child relationships. Students will focus on issues and challenges facing individuals and families in Canada's diverse society. They will develop analytical tools that enable them to assess various factors affecting families and to consider policies and practices intended to support families in Canada. They will develop the investigative skills required to conduct and communicate the results of research on individuals, intimate relationships, and parent-child relationships. Prerequisite: Any university, college, or university/college preparation course in Social Sciences and Humanities, English, or Canadian and World Studies.

**HPD4C0 Working with School Age Children and Adolescence (College Preparation)**

This course prepares students for occupations involving school-age children and adolescents. Students will study a variety of theories about child behaviour and development, and will have opportunities for research and observation and for practical experiences with older children. Students will become familiar with occupational opportunities and requirements related to working with older children and adolescents. They will develop research skills used in investigating child and adolescent behaviour and development.

**HSB4U1 Challenge and Change in Society (University Preparation)**

This course focuses on the use of social science theories, perspectives, and methodologies to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will critically analyse how and why cultural, social, and behavioural patterns change over time. They will explore the ideas of social theorists and use those ideas to analyse causes of and responses to challenges such as technological change, deviance, and global inequalities. Students will explore ways in which social science research methods can be used to study social change. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.

**HZT4U1 Philosophy: Questions and Theories (University Preparation)**

This course enables students to acquire an understanding of the nature of philosophy and philosophical reasoning skills and to develop and apply their knowledge and skills while exploring specialized branches of philosophy (the course will cover at least three of the following branches: metaphysics, ethics, epistemology, philosophy of science, social and political philosophy, aesthetics). Students will develop critical thinking and philosophical reasoning skills as they formulate and evaluate arguments related to a variety of philosophical questions and theories. They will also develop research and inquiry skills related to the study and practice of philosophy. Prerequisite: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.

## STUDENT SERVICES DEPARTMENT

### STUDENT SERVICES COURSES:

Grade 9                GLS100

Grade 11            GLE20R, GLE30R, GLE40R

These courses will only be scheduled in consultation with a **Guidance Counsellor**. These courses are offered at St. Joseph's High School for students in a school-work transition program.

## STUDENT SERVICES COURSES

| COURSE CODE                | COURSE NAME   | PREREQUISITE |
|----------------------------|---|--------------|
| GLS100                     | Learning Strategies 1: Skills for Success in Secondary School: Open |              |
| GLE2OR<br>GLE3OR<br>GLE4OR | Credit Recovery: Skills for Success in Secondary School: Open       |              |

These courses will only be scheduled in consultation with a **Guidance Counsellor**. These courses are offered at St. Joseph's High School for students in a school-work transition program.

## STUDENT SERVICES DEPARTMENT COURSE DESCRIPTIONS

*These courses will only be scheduled in consultation with a **Guidance Counsellor**. These courses are offered at St. Joseph's High School for students in a school-work transition program.*

### **GLS100          Learning Strategies 1: Skills for Success in Secondary School**

The course explores learning strategies and helps students become better, more independent learners while increasing their personal management skill, both in school and in other contexts. Students will learn how to develop and apply a range of strategies to improve their learning and achievement, particularly their literacy, numeracy, communication, and planning skills. This course will increase students' confidence, motivation and ability to learn.

**GLE20R**

**GLE30R**

**GLE40R          Credit Recovery**

On recommendation of the Principal.

# TECHNOLOGY DEPARTMENT

## TECHNOLOGY COURSES:

GRADE 9 TAS100, TAS10F, TXJ100

GRADE 10 TAS200, TCJ200, TDJ200, TFJ200, TTJ200, TXJ200

GRADE 11 TCC3E0, TCJ3C0, TCP3E0, TDJ3M0, TFJ3E0, TTJ3C0, TTJ3OF, TXJ3E0

GRADE 12 TCC4E1, TCJ4C1, TCP4E1, TDJ4M1, TFJ4E1, TTJ4C1, TXJ4E1

### HOSPITALITY & TOURISM



### TECH. DESIGN & DRAFTING



### CONSTRUCTION



### TRANSPORTATION



### HAIRSTYLING & AESTHETICS

<https://sites.google.com/wecdsb.on.ca/stjlasertech/home>

## TECHNOLOGY DEPARTMENT COURSES

| COURSE CODE | COURSE NAME  | PREREQUISITE   |
|-------------|--|--|
| TAS1O0      | Technology and the Skilled Trades: Open  |  |
| TAS1OF      | Technology and the Skilled Trades: Open:<br>FEMALE ONLY                        |  |
| TXJ1O0      | Exploring Hairstyling and Aesthetics: Open                                     |  |
| TAS2O0      | Technology and the Skilled Trades: Open  |  |
| TCJ2O0      | Construction Technology: Open  |  |
| TDJ2O0      | Tech Design (Computer Aided Drafting):<br>Open                                 |  |
| TFJ2O0      | Hospitality and Tourism: Open  |  |
| TTJ2O0      | Transportation Technology: Open  |  |
| TXJ2O0      | Hairstyling and Aesthetics: Open   |  |
| TCC3E0      | Construction Technology: Carpentry:<br>Apprenticeship Preparation              | Grade 10 Construction Technology is<br>recommended   |
| TCJ3C0      | Construction Technology: College<br>Preparation                                | Grade 10 Construction Technology is<br>recommended   |
| TCP3E0      | Construction Technology: Plumbing &<br>Pipefitting: Apprenticeship Preparation | Grade 10 Construction Technology is<br>recommended   |
| TDJ3M0      | Tech Design (Computer Aided Drafting):<br>University/College Preparation       | Grade 10 Technological Design is<br>recommended  |
| TFJ3E0      | Hospitality And Tourism: Workplace<br>Preparation                              | Grade 10 Hospitality and Tourism is<br>recommended   |
| TTJ3C0      | Transportation Technology: College<br>Preparation                              | Grade 10 Transportation Technology is<br>recommended   |
| TTJ3OF      | Transportation Technology: Vehicle<br>Ownership: Open * FEMALE ONLY            |  |
| TXJ3E0      | Hairstyling And Aesthetics: Workplace<br>Preparation                           | Grade 10 Hairstyling and Aesthetics is<br>recommended  |
| TCC4E1      | Construction Technology: Carpentry:<br>Apprenticeship Preparation              | Grade 11 Construction Technology: College<br>Preparation is recommended                              |
| TCJ4C1      | Construction Engineering Technology:<br>College Preparation                    | Construction Technology: College<br>Preparation is recommended                                       |
| TCP4E1      | Construction Technology: Plumbing &<br>Pipefitting: Apprenticeship Preparation | Grade 11 Construction Technology: Plumbing<br>& Pipefitting: Workplace Preparation is<br>recommended |
| TDJ4M1      | Tech Design (Computer Aided Drafting)<br>University/College Preparation        | Technological Design, Grade 11,<br>University/College Preparation                                    |
| TFJ4E1      | Hospitality And Tourism: Workplace<br>Preparation                              | Hospitality and Tourism, Grade 11, Workplace<br>Preparation  |
| TTJ4C1      | Transportation Technology: College<br>Preparation                              | Transportation Technology, Grade 11,<br>College Preparation  |
| TXJ4E1      | Hairstyling And Aesthetics: Workplace<br>Preparation                           | Hairstyling and Aesthetics, Grade 11,<br>Workplace Preparation                                       |

# TECHNOLOGICAL STUDIES DEPARTMENT COURSE DESCRIPTIONS

## Grade Nine

### **TAS100      Technology and the Skilled Trades (Open)**

This hands-on course enables students to further explore the engineering design process and develop other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and technologies from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as precision measurement, as well as health and safety standards. Students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers.

### **TAS10F      Technology and the Skilled Trades (Open) FEMALE ONLY**

This hands-on course enables students to further explore the engineering design process and develop other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and technologies from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as precision measurement, as well as health and safety standards. Students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers. THIS IS A FEMALE ONLY COURSE.

### **TXJ100      Exploring Hairstyling and Esthetics (Open)**

This exploratory course introduces students to concepts and skills related to hairstyling and esthetics, including hair, nail, and skin care applications. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

## Grade Ten

### **TAS200      Technology and the Skilled Trades (Open)**

This hands-on course enables students to apply the engineering design process and other technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and/or services, working with tools and resources from various industries. As students develop their projects to address real-life problems, they will apply technological concepts such as quality control, and health and safety standards. Students explore opportunities for job skills programs and education and training pathways, including skilled trades, that can lead to a variety of careers.

### **TCJ200      Construction Technology (Open)**

This course introduces students to building materials and processes through opportunities to design and build various construction projects. Students will learn to create and read working drawings; become familiar with common construction materials, components, and processes; and perform a variety of fabrication, assembly, and finishing operations. They will use a variety of hand and power tools and apply knowledge of imperial and metric systems of measurement, as appropriate. Students will develop an awareness of environmental and societal issues related to construction technology, and will explore secondary and postsecondary pathways leading to careers in the industry.

### **TDJ200      Technological Design (Computer Aided Drafting) (Open)**

Grade 10 design is an introductory skill building course, where students learn; what is design, the steps involved in the design process, sketching, technical drawing, how to properly measure, 2D drafting (AutoCAD), 3D modeling (SketchUP), physical model making, 3D printing/prototyping, problem-solving, and explore architecture/engineering/product design related career pathways. This is accomplished through engaging hands-on project driven instruction/assignments. Example projects: Bedroom Makeover, 3D printed cell phone holder, Dream House and more!

**TFJ200 Hospitality and Tourism (Open)**

This course provides students with opportunities to explore different areas of hospitality and tourism, as reflected in the various sectors of the tourism industry, with an emphasis on food service. Students will study culinary techniques of food handling and preparation, health and safety standards, the use of tools and equipment, the origins of foods, and event planning, and will learn about tourism attractions across Ontario. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the tourism industry.

**TTJ200 Transportation Technology (Open)**

This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair techniques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues and will explore secondary and postsecondary pathways leading to careers in the transportation industry.

**TXJ200 Hairstyling and Aesthetics (Open)**

This course presents hairstyling, make-up, and nail care techniques from a salon/spa perspective. Through a variety of school and community-based activities, students learn fundamental skills in hairstyling, giving manicures and facials and providing hair/scalp analysis, and treatments. Students also consider related environmental and societal issues and explore secondary and postsecondary pathways leading to careers in the field of hairstyling and aesthetics.

Grade Eleven

**TCC3E0 Construction Technology: Carpentry (Apprenticeship Preparation)**

This course enables students to develop technical knowledge and skills related to carpentry, masonry, electrical systems, heating and cooling, and plumbing for residential construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills as they develop construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and will explore postsecondary and career opportunities in the field. This course will emphasize all aspects of the home-building industry by engaging students in a variety of community based build opportunities. Course Note: Completion of TCJ200 is recommended.

**TCJ3C0 Construction Technology (College Preparation)**

This course focuses on the development of knowledge and skills related to residential construction. Students will gain hands-on experience using a variety of construction materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to construction projects. Students will also develop an awareness of environmental and societal issues related to construction technology, and will explore career opportunities in the field.



**TCP3E0 Construction Technology: Plumbing & Pipefitting (Apprenticeship Preparation)**

This course enables students to develop technical knowledge and skills related to plumbing, electrical systems, heating and cooling, and carpentry for residential construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment to design, lay out, and build projects. They will create and read technical drawings, learn construction terminology, interpret building codes and regulations, and apply mathematical skills related to residential and commercial plumbing. Students will also develop an awareness of environmental and societal issues related to construction technology, and will explore postsecondary and career opportunities in the field. This course will emphasize all aspects of the construction industry by engaging students in a variety of community based build opportunities. Course Note: Completion of TCJ2O0 is recommended.

**TDJ3M0 Technological Design (Computer Aided Drafting) (University/College Preparation)**

Through a series of exciting projects Grade 11 design students will continue to build and hone their skills. With solid base knowledge we are able to dive deeper into the workings of various design software and explore more complicated and creative solutions to design problems. Students are provided opportunities to enter design competitions, earn scholarships and test their abilities. We'll further explore 3D printing/rapid prototyping and how it is changing design industries. Example projects: Locker Organizer, Small Cottage, Modern House, Furniture Design, T-Shirt Design and More!

**TFJ3E0 Hospitality and Tourism (Workplace Preparation)**

This course enables students to acquire knowledge and skills related to the food and beverage services sector of the tourism industry. Students will learn how to prepare, present, and serve food using a variety of tools and equipment and will develop an understanding of the fundamentals of providing high quality service to ensure customer satisfaction and the components of running a successful event or activity. Students will develop an awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector.

**TTJ3C0 Transportation Technology (College Preparation)**

This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation and will learn about apprenticeship and college programs leading to careers in the transportation industry.

**TTJ3OF Transportation Technology: Vehicle Ownership (Open) FEMALE ONLY**

This general interest course enables students to become familiar with the options and features of various vehicles, issues of registration, and the legal requirements affecting vehicle owners. Students will also learn about vehicle financing and insurance, vehicle maintenance, emergency procedures, and the responsibilities of being a vehicle owner. Students will develop an awareness of environmental and societal issues related to vehicle ownership and use, and will explore career opportunities in the transportation industry. THIS IS A FEMALE ONLY COURSE.

**TXJ3E0 Hairstyling and Aesthetics (Workplace Preparation)**

This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students identify trends in the hairstyling and aesthetics industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students consider environmental and societal issues related to the industry and acquire a more detailed knowledge of apprenticeships and direct-entry work positions.

## Grade Twelve

### **TCC4E1 Construction Technology: Carpentry (Apprenticeship Preparation)**

This course enables students to further develop technical knowledge and skills related to residential construction and to explore light commercial construction. Students will continue to gain hands-on experience using a variety of materials, processes, tools, and equipment; create and interpret construction drawings; and learn more about building design and project planning. They will expand their knowledge of terminology, codes and regulations, and health and safety standards related to residential and light commercial construction. Students will also expand their awareness of environmental and societal issues related to construction technology, and will explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation. This course will emphasize the role of a general contractor by having students take the lead in a variety of building projects both around the school as well as the community. Course Note: Completion of TCC3E0 is recommended.

### **TCJ4C1 Construction Engineering Technology (College Preparation)**

This course enables students to further develop knowledge and skills related to residential construction and to explore light commercial construction. Students will gain hands-on experience using a variety of materials, processes, tools, and equipment, and will learn more about building design and project planning. They will continue to create and interpret construction drawings and will extend their knowledge of construction terminology and of relevant building codes and regulations, as well as health and safety standards and practices. Students will also focus on environmental and societal issues related to construction engineering technology, and will explore career opportunities in the field. Course Note: Completion of TCJ3C0 is recommended.

### **TCP4E1 Construction Technology: Plumbing & Pipefitting (Apprenticeship Preparation)**

This course enables students to further develop technical knowledge and skills related to residential plumbing and to explore light commercial plumbing. Students will continue to gain hands-on experience using a variety of materials, processes, tools, and equipment; create and interpret construction drawings; and learn more about building design and project planning. They will expand their knowledge of terminology, codes and regulations, and health and safety standards related to residential and light commercial plumbing. Students will also expand their awareness of environmental and societal issues related to plumbing, and will explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation. This course will have students take the lead in a variety of plumbing and building projects both around the school as well as the community. Course Note: Completion of TCP3E0 is recommended.

### **TDJ4M1 Tech Design (Computer Aided Drafting) (University/College Preparation)**

Gr.12 design students are exposed to complicated design problems, and work within much larger and detail oriented assignments. Students are expected to back up their creativity with sound logic, and present their ideas utilizing the skills and tools that have been developed over the previous two courses. Students are encouraged to explore possible design pathways and/or reflect on the transferable skills they now carry with them. Students are provided opportunities to enter design competitions, earn scholarships and test their abilities. This is an exciting year, as the hard work put in now begins to shine through their work. Example projects: Tiny House, Cargotecture, Toy design, Modern Shed, 3D printed Desk organizer, Bus Shelter and more!

### **TFJ4E1 Hospitality and Tourism (Workplace Preparation)**

This course enables students to further develop knowledge and skills related to the food and beverage services sector of the tourism industry. Students will demonstrate proficiency in using food preparation and presentation tools and

equipment; plan nutritious menus, create recipes, and prepare and present finished food products; develop customer service skills; and explore event and activity planning. Students will expand their awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector. Prerequisite: Hospitality and Tourism, Grade 11, Workplace Preparation.

**TTJ4C1            Transportation Technology (College Preparation)**

This course enables students to further develop technical knowledge and skills as they study, test, service, and repair engine management systems; power trains; steering/control, suspension, brake, and body systems on vehicles, aircraft, and/or watercraft; and/or small-engine products. Students will refine communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will expand their awareness of environmental and societal issues related to transportation and their knowledge of apprenticeship and college programs leading to careers in the transportation industry. Prerequisite: Transportation Technology, Grade 11, College Preparation.

**TXJ4E1            Hairstyling and Aesthetics (Workplace Preparation)**

This course enables students to develop increased proficiency in a wide range of hairstyling and aesthetics services. Working in a salon/spa team environment, students strengthen their fundamental cosmetology skills and develop an understanding of common business practices and strategies in the salon/spa industry. Students expand their understanding of environmental and societal issues and their knowledge of postsecondary destinations in the hairstyling and aesthetics industry. Prerequisite: Hairstyling and Aesthetics, Grade 11, Workplace Preparation.



### What are they?

Specialist High Skills Majors let students focus on a career path that matches their skills and interests while meeting the requirements of the Ontario Secondary School Diploma (OSSD). Students receive the SHSM seal on their diploma when they:

- complete a specific bundle of 8-10 courses in the student's selected field
- earn valuable industry certifications including first aid and CPR qualifications
- gain important skills on the job through cooperative education placements

### Who are they for?

Grade 11 and 12 students who are:

- heading for apprenticeship training, college, university or the workplace
- wanting to identify, explore and refine their career goals and make informed choices about their next steps after secondary school.

### How can they help?

Students have the opportunity to:

- gain important skills on the job with actual employers, at skills training centers and at school
- earn valuable industry certifications, including first aid and CPR qualifications

## SPECIALIST HIGH SKILLS MAJOR PROGRAMS AT ST. JOSEPH'S HIGH SCHOOL

### Business Excellence

For more information about this program, please contact Mr. Chris Gilbert at 519-735-3326, extension 7137.

### Specialist High Skill Major Business Excellence Pathway Chart

| # Credits              | Course Choices         | Apprenticeship                 | College                        | University                     | Workplace                      |
|------------------------|------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 4                      | Grade 11 Majors        | HRF3O                          | BAF3M                          | BAF3M                          | GPP3O                          |
|                        |                        | IDC3O                          | BMI3C                          | CLU3M                          | HRF3O                          |
|                        |                        | GPP3O                          | CLU3M                          | HRT3M                          | IDC3O                          |
|                        |                        |                                | HSP3C                          | HSP3U                          |                                |
|                        |                        |                                | TDJ3M                          | TDJ3M                          |                                |
|                        | Grade 12 Majors        |                                | BAT4M                          | BAT4M                          |                                |
|                        |                        |                                | BOH4M                          | BOH4M                          |                                |
|                        |                        |                                | BDA4T *                        | CLN4U                          |                                |
|                        |                        |                                | TFY4T *                        | HSB4U                          |                                |
|                        |                        |                                |                                |                                |                                |
| 1<br>(2 for Workplace) | English                | ENG3C                          | ENG3C                          | ENG3U                          | ENG3E                          |
|                        |                        | ENG3E                          |                                | NBE3U                          |                                |
|                        |                        |                                |                                |                                |                                |
| 2<br>(1 for Workplace) | Math                   | MBF3C                          | MBF3C                          | MCF3M                          | MEL3E                          |
|                        |                        | MCF3M                          | MCF3M                          | MCR3U                          |                                |
|                        |                        | MEL3E                          |                                |                                |                                |
|                        |                        |                                |                                |                                |                                |
| 2                      | Co-operative Education | minimum of 2 periods of co-op. | minimum of 2 periods of co-op. | minimum of 2 periods of co-op. | minimum of 2 periods of co-op. |

\*Courses with an asterisk (\*) are Dual Credit courses.

## Construction

For more information about this program, please contact Mr. Ryan Coop at 519-735-3326, extension 2136.

### Specialist High Skill Major Construction Pathway Chart (Carpentry or Plumbing Focus)

| # Credits              | Course Choices         | Apprenticeship                 | College                        | University                     | Workplace                      |
|------------------------|------------------------|--------------------------------|--------------------------------|--------------------------------|--------------------------------|
| 4                      | Grade 11 Majors        | TCC3E/ TCP3E                   | AVI3M                          | AVI3M                          | TCC3E/ TCP3E                   |
|                        |                        | TCJ3C                          | TCJ3C                          | TDJ3M                          | TCJ3E                          |
|                        |                        | TTJ3E                          | TDJ3M                          | SPH3U                          | TTJ3E                          |
|                        |                        |                                | TTJ3C                          |                                |                                |
|                        | Grade 12 Majors        | SPH4C                          | AVI4M                          | AVI4M                          | TCC4E/ TCP4E                   |
|                        |                        | TCC4E/ TCP4E                   | SPH4C                          | CGW4U                          |                                |
|                        |                        | TCJ4C                          | TCJ4C                          | SPH4U                          |                                |
|                        |                        |                                | TDJ4M                          | TDJ4M                          |                                |
|                        |                        |                                | TLL4T *                        |                                |                                |
|                        |                        |                                | TNK4T *                        |                                |                                |
|                        |                        |                                | TSC4T *                        |                                |                                |
|                        |                        |                                | AFA4T *                        |                                |                                |
|                        |                        |                                | TAE4T *                        |                                |                                |
|                        |                        |                                | TSK4T*                         |                                |                                |
| 1<br>(2 for Workplace) | English                | ENG3C                          | ENG3C                          | ENG3U                          | ENG3E                          |
|                        |                        | ENG3E                          |                                | NBE3U                          |                                |
|                        |                        |                                |                                |                                |                                |
| 2<br>(1 for Workplace) | Math                   | MBF3C                          | MBF3C                          | MCF3M                          | MEL3E                          |
|                        |                        | MCF3M                          | MCF3M                          | MCR3U                          |                                |
|                        |                        | MEL3E                          | MAP4C                          | MCV4U                          |                                |
|                        |                        | MAP4C                          | MCT4C                          | MDM4U                          |                                |
|                        |                        | MCT4C                          |                                | MHF4U                          |                                |
| 1                      | Science or Business    | BMI3C                          | BAF3M                          | BAF3M                          | SVN3E                          |
|                        |                        | SPH4C                          | BAT4M                          | BAT4M                          | MEL3E                          |
|                        |                        | SVN3E                          | BMI3C                          | BOH4M                          | OLC40                          |
|                        |                        |                                | BOH4M                          | SBI3U                          |                                |
|                        |                        |                                |                                | SBI4U                          |                                |
|                        |                        |                                |                                | SCH3U                          |                                |
|                        |                        |                                | SBI3C                          | SCH4U                          |                                |
|                        |                        |                                | SCH4C                          |                                |                                |
|                        |                        |                                | SPH4C                          | SPH3U                          |                                |
|                        |                        |                                |                                | SPH4U                          |                                |
|                        |                        |                                |                                |                                |                                |
| 2                      | Co-operative Education | minimum of 2 periods of co-op. | minimum of 2 periods of co-op. | minimum of 2 periods of co-op. | minimum of 2 periods of co-op. |

\*Courses with an asterisk (\*) are Dual Credit courses.

## Environment

For more information about this program, please contact Mrs. MaryAnn Nalkranian at 519-735-3326, extension 8681.

### Special High Skills Major Environment Pathway Chart

| # Credits | SHSM Major Subjects   |       |         |       |            |       |           |       |
|-----------|---|-------|---------|-------|------------|-------|-----------|-------|
|           | Apprenticeship  |       | College |       | University |       | Workplace |       |
| 4         | 11  | 12    | 11      | 12    | 11         | 12    | 11        | 12    |
|           | CGG3O   | PAF4O | BAF3M   | BAT4M | BAF3M      | BAT4M | CGG3O     | PAF4O |
|           | GPP3O   | PPL4O | CHW3M   | BOH4M | CHW3M      | BOH4M | GPP3O     | PPL4O |
|           | HRE3O   | SCH4C | CLU3M   | HSE4M | CLU3M      | CGW4U | HRE3O     | SNC4E |
|           | IDC3O   | SNC4E | HRT3M   | PLF4M | HRT3M      | CLN4U | IDC3O     | TCC4E |
|           | PAF3O   | SPH4C | SBI3C   | SCH4C | SBI3U      | HSB4U | PAF3O     |       |
|           | PPL3O   | TCC4E | TCJ3C   | SPH4C | SCH3U      | HSE4M | PPL3O     |       |
|           | TCC3E   | TCJ4C | TDJ3M   | TCJ4C | SPH3U      | HZT4U | SVN3E     |       |
|           | TCJ3C   | TTJ4C |         | TDJ4M | TDJ3M      | PLF4M |           |       |
|           | TTJ3C   |       | TTJ3C   | TTJ4C |            | PSK4U |           |       |
|           |   |       |         |       |            | SBI4U |           |       |
|           |   |       |         |       |            | SCH4U |           |       |
|           |   |       |         |       |            | SPH4U |           |       |
| 2         | <b>English</b>  |       |         |       |            |       |           |       |
|           | Apprenticeship  |       | College |       | University |       | Workplace |       |
|           | 11  | 12    | 11      | 12    | 11         | 12    | 11        | 12    |
|           | ENG3E   | ENG4E | ENG3C   | ENG4C | ENG3U      | ENG4U | ENG3E     | ENG4E |
|           | ENG3C   | ENG4C |         |       | NBE3U      |       |           | OLC4O |
| 1         | <b>Math</b>   |       |         |       |            |       |           |       |
|           | Apprenticeship  |       | College |       | University |       | Workplace |       |
|           | 11  | 12    | 11      | 12    | 11         | 12    | 11        | 12    |
|           | MBF3C   | MAP4C | MBF3C   | MAP4C | MCF3M      | MCV4U | MEL3E     |       |
|           | MEL3E   |       | MCF3M   |       | MCR3U      | MDM4U |           |       |
|           |   |       |         |       |            | MHF4U |           |       |
| 2         | Co-operative Education – a minimum of 2 credits   |       |         |       |            |       |           |       |
|           | Notes: No Dual Credits offered at St Clair College are found in the list of approved courses. |       |         |       |            |       |           |       |

## Health and Wellness

For more information about this program, please contact Ms Erin Byrne at 519-735-3326, extension 2128.

### Specialist High Skills Major Health and Wellness Pathway Chart

| # Credits | Course Choices            | Apprenticeship | College | University | Workplace |
|-----------|---------------------------|----------------|---------|------------|-----------|
| 4         | Grade 11 Majors           | HPC3O          | ATC3M   | ATC3M      | GPP3O     |
|           |                           | HRF3O          | HRT3M   | HRT3M      | HPC3O     |
|           |                           | HSP3C          | HSP3C   | HSP3U      | HRF3O     |
|           |                           | PAF3O          | SBI3C   | SBI3U      | HSE3E     |
|           |                           | PPL3O          | IDC3O   | SCH3U      | PAF3O     |
|           |                           | SBI3C          |         | SPH3U      | PPL3O     |
|           |                           | SVN3E          |         | IDC3O      | SVN3E     |
|           |                           | TXJ3E          |         |            | TXJ3E     |
|           |                           | IDC3O          |         |            | IDC3O     |
|           | Grade 12 Majors           | PAF4O          | ATC4M   | ATC4M      | PAF4O     |
|           |                           | PPL4O          | PLF4M   | HHS4U      | PPL4O     |
|           |                           | HSE4E          | SCH4C   | HSB4U      | HSE4E     |
|           |                           | SNC4E          | SPH4C   | HSE4M      | SNC4E     |
|           |                           | TXJ4E          | BON4T * | HZT4U      | TXJ4E     |
|           |                           |                | HHC4T * | PLF4M      |           |
|           |                           |                | PHJ4T * | PSK4U      |           |
|           |                           |                | PLP4T * | SBI4U      |           |
|           |                           |                | TOR4T * | SCH4U      |           |
|           |                           |                | TXU4T * | SPH4U      |           |
|           |                           |                | PHC4T*  |            |           |
|           |                           |                | HDD4T*  |            |           |
|           |                           |                | HHE4T*  |            |           |
|           |                           |                | TXF4Y*  |            |           |
| 1         | English                   | ENG3C          | ENG3C   | ENG3U      | ENG3E     |
|           |                           | ENG3E          |         | NBE3U      |           |
|           |                           |                |         |            |           |
| 1         | Math                      | MBF3C          | MBF3C   | MCF3M      | MEL3E     |
|           |                           | MCF3M          | MCF3M   | MCR3U      |           |
|           |                           | MEL3E          |         |            |           |
| 1         | Science or Social Science | HPC3O          | HRF3O   | HHS4U      | HPC3O     |
|           |                           | HRF3O          | HRT3M   | HRT3M      | HRF3O     |
|           |                           | HSP3C          | HSP3C   | HSB4U      | SVN3E     |
|           |                           | SBI3C          | SBI3C   | HSP3U      | IDC3O     |
|           |                           | SCH4C          | SCH4C   | HZT4U      | MEL3E     |
|           |                           | SPH4C          | SPH4C   | SBI3U      | OLC4O     |
|           |                           | SVN3E          | IDC3O   | SBI4U      | GLS4O     |
|           |                           | IDC3O          |         | SCH3U      | SNC4E     |
|           |                           |                |         | SCH4U      |           |
|           |                           |                |         | SPH3U      |           |



|   |                        |                               |                               |                               |                               |
|---|------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|   |                        |                               |                               | SPH4U                         |                               |
| 2 | Co-operative Education | minimum of 2 periods of co-op | minimum of 2 periods of co-op | minimum of 2 periods of co-op | minimum of 2 periods of co-op |

\*Courses with an asterisk (\*) are Dual Credit courses

## Non-Profit

For more information about this program, please contact Mme Anna Tomaselli at 519-735-3326, extension 7183.

### Special High Skill Major Non-Profit Pathway Chart

| # Credits | SHSM Major Subjects    |       |                      |        |                      |       |                      |       |
|-----------|------------------------|-------|----------------------|--------|----------------------|-------|----------------------|-------|
|           | Apprenticeship         |       | College              |        | University           |       | Workplace            |       |
| 4         | 11                     | 12    | 11                   | 12     | 11                   | 12    | 11                   | 12    |
|           | BMI3C                  | TOQ4T | BMI3C                | BOH4M  | CHW3M                | BOH4M | CGG3C                | BOG4E |
|           | CGG3O                  |       | CHW3M                | PLF4M  | CLU3M                | CGW4U | GPP3OL               |       |
|           | GPP3OL                 |       | CLU3M                | HSE4M  | HRT3M                | CHY4U | HPC3O                |       |
|           | HPC3O                  |       | HRT3M                | HDD4T* | SVN3M                | CLN4U | HRF3O                |       |
|           | HRF3O                  |       | SVN3M                | TFY4T* | HSP3U                | HZT4U | HSE3E                |       |
|           | HSE3E                  |       | HSP3C                |        |                      | HHS4U | IDC3O                |       |
|           | IDC3O                  |       |                      |        |                      | HSB4U | SVN3E                |       |
|           | SVN3E                  |       |                      |        |                      | HSE4M |                      |       |
|           |                        |       |                      |        |                      | PLF4M |                      |       |
|           |                        |       |                      |        |                      |       |                      |       |
| 1         | English                |       |                      |        |                      |       |                      |       |
|           | Apprenticeship         |       | College              |        | University           |       | Workplace            |       |
|           | 11                     |       | 11                   |        | 11                   |       | 11                   |       |
|           | ENG3C                  |       | ENG3C                |        | ENG3U                |       | ENG3E                |       |
|           |                        |       |                      |        | NBE3U                |       |                      |       |
| 1         | Math                   |       |                      |        |                      |       |                      |       |
|           | Apprenticeship         |       | College              |        | University           |       | Workplace            |       |
|           | 11                     |       | 11                   |        | 11                   |       | 11                   |       |
|           | MBF3C                  |       | MBF3C                |        | MCF3M                |       | MEL3E                |       |
|           | MEL3E                  |       | MCF3M                |        | MCR3U                |       |                      |       |
| 1         | Other Required Credits |       |                      |        |                      |       |                      |       |
|           | Apprenticeship         |       | College              |        | University           |       | Workplace            |       |
|           | 11                     | 12    | 11                   | 12     | 11                   | 12    | 11                   | 12    |
|           | BMI3C                  | SCH4C | BAF3M                | BAT4M  | BAF3M                | BAT4M | SVN3E                | OLC4O |
|           | SBI3C                  | SNC4E | BMI3C                | BOH4M  | SBI3U                | BOH4M | MEL3E                | MEL4E |
|           | SVN3E                  |       | SBI3C                | SCH4C  | SCH3U                | SBI4U |                      | SNC4E |
|           |                        |       |                      |        | SPH3U                | SCH4U |                      |       |
|           |                        |       |                      |        |                      |       |                      |       |
| 2         | Co-operative Education |       |                      |        |                      |       |                      |       |
|           | minimum of 2 periods   |       | minimum of 2 periods |        | minimum of 2 periods |       | minimum of 2 periods |       |

\*Course with an asterisk (\*) is a Dual Credit course.

## Visual Arts & Media

For more information on this program, please contact Mrs. Jessica Owchar at 519-735-3326, extension 2117.

### Specialist High Skill Major Visual Art and Media Pathway Chart

| # Credits | Course Choices                   | Apprenticeship                 | College                        | University                    | Workplace                     |
|-----------|----------------------------------|--------------------------------|--------------------------------|-------------------------------|-------------------------------|
| 4         | Grade 11 Majors                  | HRF3O                          | ADA3M                          | ADA3M                         | GPP3O                         |
|           |                                  | IDC3O                          | ATC3M                          | ATC3M                         | HRF3O                         |
|           |                                  | TCC3E                          | AVI3M                          | AVI3M                         | IDC3O                         |
|           |                                  | TCJ3C                          | AWS3M                          | AWS3M                         | TCC3E                         |
|           |                                  | TXJ3E                          | CHW3M                          | CHW3M                         | TXJ3E                         |
|           |                                  |                                | HRT3M                          | HRT3M                         |                               |
|           |                                  |                                | HSP3C                          | HSP3U                         |                               |
|           |                                  |                                | TCJ3C                          | TDJ3M                         |                               |
|           |                                  |                                | TDJ3M                          |                               |                               |
|           |                                  |                                |                                |                               |                               |
|           | Grade 12 Majors                  |                                | ADA4M                          | ADA4M                         |                               |
|           |                                  | TCJ4C                          | ATC4M                          | ATC4M                         |                               |
|           |                                  | TXJ4E                          | AVI4M                          | AVI4M                         | TXJ4E                         |
|           |                                  |                                | AWD4M                          | AWD4M                         |                               |
|           |                                  |                                | AWS4M                          | AWS4M                         |                               |
|           |                                  |                                | TCJ4C                          | CGW4U                         |                               |
|           |                                  |                                | TDJ4M                          | CHY4U                         |                               |
|           |                                  |                                | AFA4T *                        | FIF4U                         |                               |
|           |                                  |                                | AFK4T *                        | FSF4U                         |                               |
|           |                                  |                                | HNA4T*                         | HHS4U                         |                               |
|           |                                  |                                | IBP4T *                        | HSB4U                         |                               |
|           |                                  |                                | TGA4T *                        | HZT4U                         |                               |
|           |                                  |                                | TUE4T *                        | TDJ4M                         |                               |
|           |                                  |                                | TXU4T *                        |                               |                               |
|           |                                  |                                | TXF4Y*                         |                               |                               |
|           |                                  |                                |                                |                               |                               |
|           |                                  |                                |                                |                               |                               |
|           |                                  |                                |                                |                               |                               |
|           |                                  |                                |                                |                               |                               |
|           |                                  |                                |                                |                               |                               |
| 1         | English                          | ENG3C                          | ENG3C                          | ENG3U                         | ENG3E                         |
|           |                                  | ENG3E                          |                                | NBE3U                         |                               |
|           |                                  |                                |                                |                               |                               |
| 1         | Business or Cdn. & World Studies | BMI3C                          | BAF3M                          | BAF3M                         | BMX3E                         |
|           |                                  | BMX3E                          | BAT4M                          | BAT4M                         | BOG4E                         |
|           |                                  | BOG4E                          | BMI3C                          | BOH4M                         | BTA3O                         |
|           |                                  | BTA3O                          | BOH4M                          | CGW4U                         | IDC3O                         |
|           |                                  | BTX4C                          | BTX4C                          | CHW3M                         | MEL3E                         |
|           |                                  | IDC3O                          | CHW3M                          | CLN4U                         | OLC4O                         |
|           |                                  |                                | CLN4C                          | CLU3M                         | GLS4O                         |
|           |                                  |                                | CLU3M                          | FSF4U                         |                               |
|           |                                  |                                |                                | HSB4U                         |                               |
| 2         | Co-operative Education           | minimum of 2 periods of co-op. | minimum of 2 periods of co-op. | minimum of 2 periods of co-op | minimum of 2 periods of co-op |

\*Courses with an asterisk (\*) are Dual Credit courses.



# -Learning

## *e-Learning is:*

- A pathway for a student to earn a High School credit independently
- Available via the internet from anywhere in the world
- Taught by an accredited teacher assigned to the course to guide and support student progress throughout the course

## *Why try e-Learning?*

- Access courses unavailable in your school
- Experience a new way to learn
- Get experience with a popular College / University course format
- Problem solve individual program situations

### *STEP ONE*

*Contact your Guidance Counsellor for further information.*

## *e-Learning Students will:*

- Develop skills needed for the 21st century
- Earn the same High School credit as in the face to face class only on the computer

If you are interested in taking an e-Learning course, please contact your guidance counselor. Courses must be registered through the online consortium Prism.

# Earn Two Credits For One Course With Dual Credit Offerings At St. Clair College

## **What is a dual credit program?**

Dual credit programs allow senior students the opportunity to earn high school and college credits at the same time. Students attend one of St. Clair College's campuses for either a full or half day once a week for approximately a fifteen week period. This unique arrangement allows you, the student, the chance to experience life and learning in a college environment and allows you to fast track towards your post secondary goals.

Examples of dual credit offerings include: *Radio Reporting, Photojournalism, Home Renovation Trade Skills, Electrical Installation, Intro to Early Childhood Education, Baking & Pastry Arts, Basic Welding Process and Fabricating, Health and Wellness Fundamentals, Common Core Shop Practices, Administrative Procedures and Environmental Design.*

A maximum of 4 college-delivered dual credits can be counted as optional credits towards the Ontario Secondary School Diploma (OSSD). Dual Credits cannot be used as substitutions for compulsory credit requirements.

## **What does it cost?**

You pay nothing. All books, transportation and tuition are paid for through grants from the School College Work Initiative (SCWI). SCWI is a collaborative partnership between the Ministry of Education and the Ministry of Training, Colleges and Universities.

## **What makes a student eligible?**

Dual credit programs are intended to assist secondary school students in the completion of their OSSD and provide a successful transition to college and apprenticeship programs. As well, students in Specialist High Skills Major (SHSM) programs and the Ontario Youth Apprenticeship Programs (OYAP) are eligible to enroll. Enrolment in half or full day Co-op allows greater flexibility to participate.

## **How do I apply?**

You **MUST** be referred to the program through your School Student Success Team. St. Clair College will not accept applications directly.

## **If I am a student in Windsor, can I take a course at the Chatham campus?**

YES, transportation will be provided if you wish to enroll in Chatham courses.

**To find out what dual credit offerings are available and to take advantage of this great opportunity, contact your Guidance counsellor or Co-op teacher.**



# Ontario Youth Apprenticeship Program



Are you a hands-on learner?

Do you like to solve problems?

Are you good at fixing things?

Do you find it difficult to sit in a classroom all day?

If you answered yes to any of the above, you may wish to consider the apprenticeship pathway.

Get started on your apprenticeship while in high school. The **Ontario Youth Apprenticeship Program (OYAP)** allows you to earn Cooperative Education credits for work experience in an apprenticeable occupation. You may or may not be formally registered as an apprentice while attending secondary school.

To participate in OYAP you must

- Be at least 16 years of age
- Have completed a minimum of 16 credits
- Be a full-time student working towards completion of your diploma

Fast track through an apprenticeship now. Visit [www.oyap.com](http://www.oyap.com).

See your Guidance Counsellor or Co-op teacher to apply.