



ROBERT F. HALL

COURSE CALENDAR
2022-2023

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THE ARTS

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	ADA1O1 Dramatic Arts	Open	None	This is an introductory drama course where students learn the basic elements of performance and learn to be collaborative and creative. Students explore voice, movement, mime, improvisation, monologues, scripted scenes and tableaux. Students will write, rehearse and perform original scenes and plays and perform for their peers.
9	AMU1O1 Music	Open	None	Students are introduced to music terms, note names, note values and major scales. Students will develop playing skills using a concert band instrument and by playing popular songs independently and collaboratively.
9	AVI1O1 Visual Arts	Open	None	Students learn the elements and principles of design. The focus is on Canadian art with some primitive and Egyptian art. Students will complete projects in mask making, print making and shaded drawing and painting.
10	ADA2O1 Dramatic Arts	Open	None	Students will learn in a practical and hands-on way the history of Drama. They will explore masking, tableaux, mime, movement, Storytelling, rituals, radio plays, improvisation, script analysis, Scene study and stage fighting. Students will create an original Play and perform it for their peers.
10	AMG2O1 Guitar	Open	None	Students learn note reading, chords, music theory and a variety of playing styles.
10	AMU2O1 Music	Open	None	Students are introduced to music terms, note names, note values and major scales. Students will develop playing skills using a concert band instrument and by playing popular songs independently and collaboratively.
10	AMV2O1 Music- Vocal	Open	None	This course focuses on learning through performance. Performance skills will be developed in class by working on sight-reading, voice studies, and by performing traditional and contemporary pieces. Studies will also involve work in the areas of music history, music theory and aural perception. The performance mark will be based on individual as well as group performances.
10	ATC2O1 Dance	Open	None	This course emphasizes the development of students' techniques and creative skills relating to the elements of dance and the tools of composition in a variety of performance situations. Through the genres of ballet, jazz, hip hop, African and social dances, students will learn and practice(daily) techniques and apply them creatively to compose various composition pieces and develop an artistic scope in dance. Students will also learn dance theory pertaining to the genres they will be studying and dance movement in regards to the anatomy.
10	AVI2O1 Visual Arts	Open	None	The focus is Greek, Roman, and Medieval art. Students complete their 1 st acrylic painting on canvas and they will design projects dealing with patterns and composition. Students will complete a sculpture project and a shaded drawing with charcoal pencils.
11	ADA3O1 Dramatic Arts	Open	None	This course requires students to engage in dramatic processes and the presentation of dramatic works, will emphasizing the application of drama skills in other contexts and opportunities. Students will interpret and present works in a variety of dramatic forms, using various acting techniques, create and script original works, and critically analyze the processes involved in producing dramatic works. Students learn and exercise the basics and in-depth techniques of acting including scene study, script analysis, rehearsal techniques and method acting. Students will develop a variety of skills related to collaboration and the presentation of dramatic works.
11	ADA3M1 Dramatic Arts	University/ College	ADA1O1 or ADA2O1	This course builds upon the skills introduced and explored in Grades 9 and 10. Students apply skills and research various acting styles when preparing both original work and selected scripts. Students learn and exercise the basics and in-depth techniques of acting including scene study, script analysis, rehearsal techniques and method acting. Students explore theatre conventions and are

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
				introduced to the works of selected major playwrights from the turn of the 20 th century. Script analysis prepares students for dramatic presentations, and exploration of the many roles in theatre production. It also introduces students to the professions associated with theatre. Building upon cooperative skills and creative collaboration, students work within the culture of “ensemble” and experience the creative dynamics of a theatre company.
11	AMU3M1 Music	University/ College	AMU1O1 or AMU2O1	This course emphasizes the necessary balance between performance, creation, and analysis. Students will participate in activities that will reinforce and develop musical skills and techniques. Theory will be connected to practical use. Repertoire will take on historical and social significance. By emphasizing critical thinking skills, students will perform, create, and analyze with sensitivity and a deeper understanding of music.
11	AMG3M1 Music, Guitar	University/ College	AMU1O1 or AMU2O1 or AMG2O1	Students learn advanced note reading, upper position playing, finger style techniques and advanced chord theory.
11	AVI3M1	University/ College	AVI1O1 or AVI2O1	Students will complete their 1 st large scale painting and will do assignments using coloured pencil and chalk pastel. Students will learn about print making and art history up to Realism and Renaissance.
11	AVI3O1 Visual Arts	Open	None	Students will complete their 1 st large scale painting. Students will do assignments using coloured pencil and chalk Pastel. They will learn about print making and art history up to Realism and Renaissance.
12	ADA4M1 Dramatic Arts	University/ College	ADA3M1 or ADA3O1	This course requires students to experiment with forms and conventions in dramatic literature, and to create/adapt and present dramatic works. Students will do research on dramatic forms, conventions, themes and theories of acting and directing from different historical periods and apply their knowledge of these in analyzing and interpreting dramatic literature, including Canadian works and works from various cultures in the late 20 th century. Students will also examine the significance of dramatic arts in various cultures. This course also engages students in active learning. They apply their theory and knowledge in theatrical contexts by working as actors, playwrights, audience.
12	AMG4M1 Music, Guitar	University/ College	AMG3M1	This course emphasizes the appreciation, analysis, and performance of solo and ensemble guitar music. Students will perform technical exercises and appropriate repertoire, complete detailed creative activities and analyze and evaluate live and recorded performances. There will be an increasing focus on technique and repertoire tailored to the individual needs of the student.
12	AMU4M1 Music	University/ College	AMU3M1	Students build upon the skills and theory they learned in AMU3M. Students learn all major scales in 3rds, blues scales and modal scales, diminished and augmented chords, melodic analysis and melodic and rhythmic dictation.
12	AVI4M1 Visual Art	University/ College	AVI3M1	This course will benefit students who need to put together a portfolio for post-secondary education. By the end of the course students will have 7-11 pieces of art work, written 3 response papers and completed 1-2 major pieces of art work per month. Sketch books are heavily used in this course.
12	IDC4U1 Journalism	University	Any grade 11 visual art, photography or comm. Tech course	Students in this course are responsible for the design and publication of the school’s Yearbook. Students will produce magazine layouts using current publishing software. There is an emphasis on journalism skills. Participants gain useful, real world skills in time management, marketing, teamwork and design principles.

**See information regarding Arts and Culture Specialist
High Skills Major on page 21**

BUSINESS

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	BTT1O1 Information and Communication Technology in Business	Open	None	Students learn how to use application software such as: - Microsoft Word, Excel, Access, Power Point They learn about web site design, and electronic ethics.
10	BBI2O1 Introduction to Business	Open	None	This is an introductory course to all senior level business courses. It covers topics such as economics, marketing, accounting, entrepreneurship and international business. Students will start their own business and create a business plan.
11	BAF3M1 Financial Accounting Fundamentals	University/ College	None	This is an application “book keeping” course. Students learn about financial statements, annual reports, profits and losses, company taxes and the accounting cycle
11	BMI3C1 Marketing: Goods, Services, Events	College	None	This course covers all the basics of marketing – advertising, market research, demographics, consumer buying habits, product development, pricing, distribution and sale.
12	BAT4M1 Financial Accounting Principles	University/ College	BAF3M	This course introduces students to advanced accounting 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.
12	BOH4M1 Business Leadership	University/ College	None	Students will learn about leadership, decision making, work ethics, organization structures, management skills, how to motivate employees, stress in the workplace and communication in organizations.
12	BBB4M1 International Business	University/ College	None	Topics covered in this course are: international trade and agreements, history of Canadian trade, business outside of Canada, globalization, competitive advantage, international markets, culture and customs, politics and ethical issues.

GRADUATE WITH A BUSINESS CERTIFICATE!!

Students will receive a Business Certificate in Grade 12 if they:

- 1) Complete **6** Business Studies courses (Courses that are coded with a “B”).
Eg. BTT1O, BBI2O, BAF3M, BMI3C, BAT4M, BOH4M and BBB4M

Or

Students can substitute two of the 6 business courses with a Business related co-op credit & an Economics course

Or

Students can substitute one of the 6 business courses with one Grade 12 Math credit (U or C level)

Students must complete the 6 courses with a minimum average of 60%

CANADIAN AND WORLD STUDIES

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	CGC1D1 Issues in Canadian Geography	De-streamed	None	This course uses a variety of frameworks, including ecozones and principles of physical, human, and economic geography, to explore the distinct and evolving character of Canada's geography.
10	CHC2D1 Canadian History	Academic	None	An exploration of Canada's participation in global events as well as our development as a country in the 20 th century. Students will also learn about the Canadian identity.
10	CHC2L1 Canadian History	Essential	None	An in-depth tracing of Canada's history from W.W. I to the present. Students will learn about the Canadian identity and the stories of individuals and communities.
10	CHC2P1 Canadian History	Applied	None	An in-depth tracing of Canada's history from W.W. I to the present. Students will learn about the Canadian identity and the stories of individuals and communities.
10	CHV2O7/GLC2O7 Civics and Citizenship/Careers Select CIV/CAR for online course selection	Open	None	Civics and Citizenship - This is a 0.5 required credit for all students. This course explores of what it means to be an informed citizen in a democratic society. The importance of democracy, Canadian government, and global citizenship are examined. Careers - This is a 0.5 required credit for all students. Learn about yourself, careers, the world of work, college, university and apprenticeship requirements.
11	CHA3U1 *NEW* American History	Open	CHC2D or CHC2P	This course explores key aspects of the social, economic, and political development of the United States from precontact to the present.
11	CGF3M1 Physical Geography	University/College	CGC1D or CGC1P	This college/university course deals with the earth's lithosphere, hydrosphere, and atmosphere. Major topics include the structure of the earth, rocks and minerals, mining, pollution of the worlds water and atmosphere, earthquakes, volcanoes, hurricanes, and climate change.
11	CGG3O1 Travel and Tourism: A geographic Perspective	Open	CGC1D or CGC1P	- introduction to the travel industry - this course looks at physical regions such as Africa, Australia, Brazil and the Caribbean – their culture, climate, ecosystems etc.. - students learn how to plan a resort
11	CHW3M1 World History to the End of The Fifteenth Century	University/College	CHC2P or CHC2D	This is an “ancient history” course that looks at the evolution of man and ancient civilization such as Egypt. Some of the cultures studied are Greece and Rome and they will also study the Middle Ages.
11	CLU3E1 Canadian Law in Understanding Everyday Life	Workplace	CHC2L or CHC2P1	This course looks at the institutions of law, the different types of law, the functions of law, rights and freedoms and criminal law and procedures. Students will analyze case studies of various types of law.
11	CLU3M1 Canadian Law	University/College	CHC2D1 or CHC2P1	This course looks at the institutions of law, the different types of law, the functions of law, rights and freedoms and criminal law. Students analyze case studies of various types of law.

CANADIAN AND WORLD STUDIES

GRADE	COURSE	TYPE	PREREQUISIT E	COURSE NOTES
12	CGW4U1 Canadian and World Issues: A Geographic Analysis	University	See below	This course looks at Canada and the new globalized world. Major topics discussed include population growth and its effect on the environment and climate change, hunger and food distribution, global instability and terrorism, the distribution of the world's resources and energy, poverty and wealth.
12	CHY4U1 World History since the Fifteenth century.	University	See below	Students will learn about topics such as: Imperialism, growth of culture in Europe, slavery, spread of disease, expansion to the new world, Communism and Democracy.
12	CLN4U1 Canadian and International Law	University	See below	This course looks at legal issues involving the constitution, Charter of Rights, criminal and international law. Students will refer to case studies throughout the course.

All grade 12 U or M courses listed above require: any grade 11 or 12 U or M course in Canadian and World Studies or English or Social Science and Humanities

CO-OP

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
12	COOP4 Cooperative Education Select PCOOP4 for online course selection	Open	None	- students earn 4 credits Students spend the first 3 weeks in-class covering: health and safety, ethics and confidentiality, work place etiquette, the employment standards act, unions, workers compensation and on job readiness skills such as: resumes and business letters and interview skills. Students will earn first aid and CPR certification. Students complete an out-of school work component in a career interest-related work setting (for 4 months) They return to school every second week for in-class sessions.
12	COOP2 Cooperative Education Select PCOOP2 for online course selection	Open	None	- students earn 2 credits Students are in school for half a day and working for the other half of the day. Students complete pre-placement assignments before beginning their work placement. Transportation to a work placement is the responsibility of the student.
12	Dual Credit Co-op Select PCOOP4 for online course selection	Open	None	Students take a college level credit delivered by eg. Humber College faculty. If successful, they are granted both a college credit and a secondary school credit. For more information, contact the school's co-op teacher.

Some examples of previous co-op placements/jobs are: Hairstyling, Esthetician/Spa, Carpentry/Framing, Heating and Air, Day Care/Elementary School, Automotive Technicians, Landscaping, Plumbing, Sheet Metal

ENGLISH

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	ENG1D1 English	De-streamed	None	This introductory course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies.
9	ENG1L1 English	Essential	None	This introductory course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies.
10	ENG2D1 English	Academic	ENG1D1 or ENG1P1	This grade 10 course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies.
10	ENG2L1 English	Essential	ENG1L or ENG1P1	This grade 10 course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies.
10	ENG2P1 English	Applied	ENG1D1 or ENG1P1	This grade 10 course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies.
11	ENG3E1 English	Workplace	ENG2L or ENG2P1	This grade 11 course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies.
11	ENG3C1 English	College	ENG2P or ENG2D	This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries, 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. The course is intended to prepare students for the compulsory Grade 12 college preparation course.
11	ENG3U1 English	University	ENG2D1	This grade 11 course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies.
11	NBE3C1 English – Contemporary Aboriginal Voices **This grade 11 course can be used to meet the grade 11 ENGLISH compulsory credit requirement	College	ENG2P or ENG2D	This course emphasizes the development of literary, critical thinking and communication skills through study of works in English by Indigenous writers. Students develop an appreciation of the wealth and complexity of Indigenous writing. Using various relatable, current and level appropriate sources, students will engage in exercises that build on their abilities to read, write and speak with precision and clarity.

ENGLISH

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
12	OLC4O1 Ontario Literacy Course Students do not select this course – guidance counsellors will contact students if they need this credit	Open	This course is for gr. 11/12 students who were not successful in the OSSLT in Grade 10	This course is designed to help students acquire and demonstrate the cross-curricular literacy skills that are evaluated by the Ontario Secondary School Literacy Test (OSSLT). Students who complete the course successfully will meet the provincial literacy requirement for graduation. Students will read a variety of informational, narrative, and graphic texts and will produce a variety of forms of writing, including summaries, information paragraphs, opinion pieces, and news reports. Students will also maintain and manage a portfolio containing a record of their reading experiences and samples of their writing.
12	ENG4C1 English	College	ENG3C1 or ENG3U1	This grade 12 course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies.
12	ENG4E1 English	Workplace	ENG3E1	This grade 12 course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies.
12	ENG4U1 English	University	ENG3U1	This grade 12 course will focus on the four ministry strands: oral communication, reading and literature studies, writing and media studies. Students planning on going to university must take ENG4U OR ENG4UD.
12	ENG4UD *NEW* English: Black Voices **This grade 12 course can be used to meet the grade 12 ENGLISH compulsory credit requirement	University	ENG3U1	This Grade 12 course emphasizes the consolidation of the literacy, communication, and critical thinking skills necessary for success in academic and daily life. Students will analyze a range of literary texts pulled from various periods, countries and cultures, and set to interpret and evaluate informational and graphic texts. Mainly focusing on literature written by black authors to further broaden their perspective in the school environment, and introduce them to new ideas and concepts that may have been overlooked otherwise.
12	ETS4C1 Film Studies This course only counts as an elective.	College	ENG3C1	This is an elective English course. This course emphasizes the knowledge and skills that will enable students to understand film in the 21 st century. Through analyzing the forms and messages of a variety of films, students will develop critical thinking skills, aesthetic and ethical judgment, and skills in viewing, representing, listening, speaking, reading, and writing. Students will have the opportunity to examine film critically and explore different aspects of film construction, promotion and criticism. Students will also study the history of film and its connection to the history and politics of the past century.
12	ETS4U1 Film Studies This course only counts as an elective.	University	ENG3U1	This is an elective English course. This course emphasizes the knowledge and skills that will enable students to understand film in the 21 st century. Through analyzing the forms and messages of a variety of films, students will develop critical thinking skills, aesthetic and ethical judgment, and skills in viewing, representing, listening, speaking, reading, and writing. Students will have the opportunity to examine film critically and explore different aspects of film construction, promotion and criticism. Students will also study the history of film and its connection to the history and politics of the past century.
12	EWC4UI Writer's Craft This course only counts as an elective.	University	ENG3UI	This is an informal class which explores the 4 modes of writing: Descriptive, Argumentative, Persuasive and Narrative Many genres of writing are experienced ranging from ghost stories, poetry, speech writing and song writing.

FRENCH AS A SECOND LANGUAGE AND EXTENDED FRENCH PROGRAM

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	FEF1DF Extended French	Academic	Extended French Program Gr. 8 or permission by teacher	The course emphasizes an expansion of students' oral communication, reading and writing skills. Students will read a variety of genres, novels, poetry, a play as well as write in a variety of styles.
9	FSF1D1 Core French	De-streamed	None	Students will further develop their oral communication, reading and writing skills. Thematic readings will enhance their oral and written skills.
9	FSF1O1 French as a Second Language	Open	None	This is an introductory course for students who have little or no knowledge of French or who have not accumulated the minimum of 600 hours of elementary Core French instruction. Students will begin to understand and speak French in guided and structured interactive settings, and will develop fundamental skills in listening, speaking, reading, and writing through discussing issues and situations that are relevant to their daily lives. Throughout the course students will develop their awareness of diverse French-speaking communities in Canada and acquire an understanding and appreciation of these communities. They will also develop a variety of skills necessary for lifelong language learning.
9	CGC1DF Geography of Canada- Extended French	Academic	In the Extended French Program	This course follows the same curriculum as CGC1D1, but is offered in French for Extended French students.
10	CHC2DF Canadian History – Extended French	Academic	In the Extended French Program	This course is the Grade 10 Canadian History program for Extended French students.
10	FEF2DF Extended French	Academic	FEF1DF	Students will read text from French-Canada and the World They will build on previous grammar structures learned in grade 9 and continue to develop their writing skills.
10	FSF2D1 Core French	Academic	FSF1D1	Students will continue to develop their listening, oral and written skills. They will read a variety of short texts to further develop their reading comprehension.
11	FEF3UF Extended French	University	FEF2DF	Students will continue to build skills in oral and written Communication. They will learn to vary their writing styles for different purposes. Students will focus on reading French-Canadian texts.
11	FSF3U1 Core French	University	FSF2D1	Students will explore the use of French-Canadian expressions through the reading of a play. They will continue to build on their listening, oral and written skills.
11	HRT3MF Religion – Extended French	University/ College	In the Extended French Program	This course follows the same curriculum as HRT3M, but is offered in French for Extended French students.
12	FEF4UF Extended French	University	FEF3UF	Students will focus on literature of 19 th and 20 th century authors. They will learn about romantic, absurdist and existentialist writers. Students will have the opportunity to express and discuss their views, opinions and criticisms.
12	FSF4U1 Core French	University	FSF3U1	Students will continue to develop their skills and understanding of the French language through literature. They will explore a variety of writing styles.

**** There are no applied level French courses after grade 9****

Students will receive a French Certificate in Grade 12 if they:

- 1) Complete all 4 Core French courses (FSF1D, FSF2D, FSF3U, FSF4U)
Or 2) Complete all 7 courses (FEF1DF, CGC1DF, CHC2DF, HRT3MF, FEF2DF, FEF3UF, FEF4UF)
 for the Extended French program

HEALTH AND PHYSICAL EDUCATION

GRADE	COURSE	TYPE	PREREQUISITE	
9	PPL1OF Healthy Active Living for Females	Open	None	Physical activities include basketball, volleyball, soccer, softball, football, floorball, lacrosse, badminton, weight training, self defense and rock climbing. Students also complete health units which include CPR, sexuality and substance abuse.
9	PPL1OM Healthy Active Living for Males	Open	None	Same as PPL1OF
10	PPL2OF Healthy Active Living for Females	Open	None	Physical activities covered in this class are: weight training, soccer, basketball, football, volleyball, badminton, softball, lacrosse, rock climbing, self defense and track. There is an outdoor education unit in this course. Health units include: healthy lifestyles, conflict resolution and nutrition.
10	PPL2OM Healthy Active Living for Males	Open	None	Same as PPL2OF
11	PAD3O1 Outdoor Education	Open	None	Designed for the senior student who wants to enhance their leadership skills through recreation and outdoor education. Students participate in the following activities: rock climbing, snowshoeing, hiking, orienteering, first aid, shelter building and a culminating camping trip There is an extra fee of \$200 for this course
11	PAF3OF Personal and Fitness Activities for Females	Open	None	Female students have the opportunity to work on their own personal fitness plan. They spend time in the weight room working on cardiovascular conditioning and strength training. Students have in-class components which cover topics such as nutrition, weight training principles, muscles and bones.
11	PAF3OM Personal and Fitness Activities for Males	Open	None	Male students have the opportunity to work on their own personal fitness plan. They spend time in the weight room working on cardiovascular conditioning and strength training. Students have in-class components which cover topics such as nutrition, weight training principles, muscles and bones.
11	PAI3O1 Individual & Small Group Activities	Open	None	Students participate in the following activities: golf, tennis, rock climbing, self-defense, soccer, football, bowling, volleyball and basketball. There are in-class lessons covering the following topics: mental health, sexuality and relationship violence. There is an extra fee of \$100 for this course
11	PAR3O1 Yoga/Rhythm and Movement	Open	None	The focus of this course is the transference of Yoga and Pilates practices to personal awareness and life skills. An introduction to Yoga course presents the principles and techniques of Yoga and Pilates as an effective means for supporting teenagers in navigating the challenges of this tumultuous and transformational time in their lives. Specifically, this course will support male and female students in finding enjoyment and success in physical activity. Students will be encouraged to develop personal competence in a variety of movement skills and will be given opportunities to practice goal setting and decision-making. Students will build their true sense of self.
12	PAF4OM- Males Personal and Fitness Activities	Open	None Gr. 11 PAF3O is highly recommended	This course is a continuation of the PAF3OM course for males. The topics and activities are the same – strength training and cardiovascular conditioning but at a more advanced level
12	PAF4OF- Females Personal and Fitness Activities	Open	None Gr. 11 PAF3O is highly recommended	This course is a continuation of the PAF3OF course for females. The topics and activities are the same – strength training and cardiovascular conditioning but at a more advanced level
12	PAI4O1 Individual and Small Group Activities	Open	None	Students participate in the following physical activities: golf, ice hockey, curling, tennis, rock climbing, soccer,

GRADE	COURSE	TYPE	PREREQUISITE	
				football, volleyball and basketball. The in-class component covers units in nutrition, mental health and personal safety. There is an extra fee of \$100 for this course.
12	PLF4M1 Recreation and Healthy Active Leadership	University/ College	Any Physical Education course	This course enables students to explore the benefits of lifelong participation in active recreation and healthy leisure to develop the leadership and coordinating skills needed to plan, organize, and safely implement recreational events and other activities related to healthy active living to others through mentoring and assisting them in making informed decisions that enhance their well-being. This 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, sports marketing, fitness and health promotion, and fitness leadership.
12	PSK4U1 Exercise Science	University	A grade 11 or 12 U level science course is highly recommended Or a grade 11 or gr. 12 gym course.	This is a science-based course at the university stream which focuses on the effect of exercise on the various systems of the body- muscular, skeletal, cardiovascular and respiratory systems. Additional topics include motor development, coaching, nutrition, biomechanics and sports and society.

**** students may take a maximum of 2 physical education credits in each grade 11 and 12****

“Open Level” gym credits are not used for university admission – only PSK4U and PLF4M can be counted towards a university credit

For information on the Specialist High Skills Major in Sports please see page 21

MATHEMATICS

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	MAT1L1 Mathematics	Essential	None	This course provides students who have experienced difficulties in previous Math courses an opportunity to obtain sufficient background and skill development to prepare them for Grade 11 and 12 Workplace math courses. Ideas will be presented in a real-life context.
9	MTH1W1	De-Streamed	None	This course enables students to consolidate, and continue to develop, an understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, mathematical modelling, and coding to make sense of the mathematics they are learning and to apply their understanding to culturally responsive and relevant real-world situations.
10	MAT2L1 Mathematics	Essential	MAT1L1 or MTH1W1	This course prepares students for the workplace and daily life.
10	MFM2P1 Foundations of Mathematics 10	Applied	MTH1W1	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 relationships. Students will investigate similar triangles, the trigonometry of right-angled triangles, and the measurement of three-dimensional objects.
10	MPM2D1 Principals of Mathematics 10	Academic	MTH1W1	Students will explore quadratic relationships and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute-angled triangles.
11	MBF3C1 Foundations for College Math 11	College	MFM2P1 MPM2D1	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.
11	MCF3M1 Functions & Applications	University/ College	MPM2D1 or MFM2P1	Over 80% in MFM2PI is recommended. A minimum of 60% in MPM2D1 is recommended. This course <u>cannot</u> be used to get into MHF4UI or MCV4UI . MCF3M will allow students to take one grade 12 University math course (MDM4U) 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 modelling 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.
11	MCR3U1 Functions	University	MPM2D1	Over 70% in MPM2DI is recommended. This course is required if you are planning to take 2 university level math courses in grade 12. This program is primarily designed for students studying math, physics, engineering, computer and science at the post-secondary level. Some business courses may require this course for gr. 12. Students need to check their post-secondary programs for prerequisites. This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Their work with functions will lead into advanced topics extending into the grade 12 Functions and Calculus courses.

MATHEMATICS

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	MEL3E1 Math for Work and Everyday Life	Workplace	MFM2P1 or MAT2L1	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.
12	MAP4C1 Foundations for College Math	College	MBF3C1 or MCF3M1	This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyze 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. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades.
12	MCV4U1 Calculus & Vectors	University	MHF4U1	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.
12	MDM4U1 Data Management	University	MCR3U1 or MCF3M1	This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing and analyzing large amounts of information; solve problems involving probability and statistics; and carry out culminating investigation that integrates statistical concepts and skills.
12	MHF4U1 Advanced Functions	University	MCR3UI	Over 60% in MCR3UI is recommended. 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. 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.

Please check the website www.ontariouniversitiesinfo.ca for information on math prerequisites for university programs

– some university programs require MHF4U &/or MCV4U therefore you need to take MCR3U in grade 11

RELIGION

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	HRE1O1 Discipleship and Culture	Open	None	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, moral 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 Jesus' words and deeds, they discover the importance of prayerfully serving the community to bring about the Reign of God.
10	HRE2O1 Christ and Culture	Open	None	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.
11	HRF3O1 Faith and Culture: World Religions	Open	None For students taking ENG3C Or ENG3E	For students in applied or essential English courses. This course engages students in the examination of World Religions, particularly Judaism, Christianity and Islam, First Nations, Metis and Inuit Spiritualities', and locally appropriate religion tradition(s) if suitable. This is a survey course that will help students understand the basic similarities and differences between the religious traditions so they can interact with others with acceptance and familiarity. Ontario is a multi-faith global community. Students will deepen their understanding of the various faith traditions in their local community and around the world.
11	HRT3M1 Faith and Culture: World Religions	University/ College	None For students taking ENG3U	This course engages students in the examination of World Religions, particularly Judaism, Christianity and Islam, First Nations, Metis and Inuit Spiritualities', and locally appropriate religion tradition(s) if suitable. This is a survey course that will help students understand the basic similarities and differences between the religious traditions so they can interact with others with acceptance and familiarity. Ontario is a multi-faith global community. Students will deepen their understanding of the various faith traditions in their local community and around the world.
11	HRTMF World Religions for Extended French students	University/ College	In the Extended French Program	This course follows the same curriculum as HRT3M but is offered in French for the Extended French students

RELIGION

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
12	HRE4M1 Church and Culture	University/ College	HRT3M Is recommended For students taking ENG4U	This course enables students to deepen their understanding of how the Church engages contemporary culture with faith 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. Students will also refine research and inquiry skills.
12	HRE4O1 Church and Culture	Open	None For students taking ENG4C or ENG4E	For students in applied or workplace courses. This course is not for students going to university. 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 reflections on significant contemporary moral and ethical issues in light of Scripture, Church teaching, and their own experience (ex. 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 every day 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.
12	HZT4U1 Philosophy	University	None	This course addresses three (or more) of the main areas of philosophy: metaphysics, logic, epistemology, ethics, social and political philosophy, and aesthetics. Students will learn critical thinking skills, the main ideas expressed by philosophers from a variety of the world's traditions, how to apply those ideas to contemporary social issues and personal experiences. The course will also help students refine skills used in researching and investigating topics in philosophy. Students can select both HRE4M and HZT4U in grade 12. One will count as their religion credit and the other as an elective credit.

Only Grade 11 HRT3M1, HRE3O1, HRT3MF courses are counted as a Group One credit

SCIENCE

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	SNC1W1 Science	De-streamed	None	This course enables students to develop their understanding of basic concepts to biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop and refine their STEM skills as they use scientific research, scientific experimentation, and engineering design processes to investigate concepts and apply their knowledge in situations that are relevant to their lives and communities. Student will continue to develop transferable skills as they become scientifically literate global citizens.
9	SNC1L1 Science	Essential	None	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. There is no essential level science in grade 10. Students take their 2 nd science requirement, SVN3E in grade 11
10	SNC2D1 Science	Academic	SNC1W1	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.
10	SNC2P1 Science	Applied	SNC1W1	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.
11	SBI3C1 Biology	College	SNC2P1 or SNC2D1 It is strongly recommended that the student have a minimum of 70% in SNC2P	Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment.
11	SBI3U1 Biology	University ended	SNC2D1 It is strongly recommended that the student have a minimum of 70% in SNC2D	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.
11	SCH3U1 Chemistry	University MCR3U math is strongly recommended	SNC2D1 It is strongly recommended that the student have a minimum of 70% in SNC2D	This course enables students to deepen their understanding of chemistry through the study of the properties of chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and behavior of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment
11	SPH3U1 Physics	University MCR3U math is strongly recommended	SNC2D1 It is strongly recommended that the student have a minimum of 70% in SNC2D	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.

SCIENCE

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	SVN3E1 Environmental Science	Workplace	SNC1L or SNC2P1	This is the 2 nd compulsory science course for students who took SNC1L in grade 9. 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.
11	SVN3M1 Environmental Science	University/ College	SNC2D1 or SNC2P1	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.
12	SBI4U1 Biology	University SCH3U is Highly recommended due to chemistry unit in the course	SBI3U1 It is strongly recommended that the student have a minimum of 70% in SBI3U	Students will study theory and conduct investigations in the areas of biochemistry , metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on the achievement of detailed knowledge and the refinement of skills needed for further study in various branches of the life sciences and related fields.
12	SCH4C1 Chemistry	College	SNC2P1 or SNC2D1 It is strongly recommended that the student have a minimum of 70% in SNC2P and strong math skills	This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology.
12	SCH4U1 Chemistry	University	SCH3U1 It is strongly recommended that the student have a minimum of 70% in SCH3U	This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they investigate chemical processes, and will refine their ability to communicate scientific information.
12	SPH4C1 Physics	College	SNC2P1 or SNC2D1 It is strongly recommended that the student have a minimum of 70% in SNC2P and strong math skills	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.
12	SPH4U1 Physics	University	SPH3U1 MCR3U is strongly recommended It is strongly recommended that the student have a minimum of 70% in SPH3U	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 analyze, qualitatively and quantitatively, data related to a variety of physics concepts and principles.
12	IDP4US Forensics	University	SNC2D1	This is a hands-on, experiential course which explores the general aspects of the field of forensics. Students will explore topics that include, but are not limited to: criminal psychology, fingerprinting, ballistics, blood spatter analysis, DNA sampling, gel electrophoresis, autopsy analysis, entomology, forensic anthropology and toxicology.

-students planning on studying science at the university level should take a minimum of 2 sciences each year in gr. 11 & 12

SOCIAL SCIENCE AND HUMANITIES

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	HPC3O1 Raising Healthy Children	Open	None	This course focuses on the skills and knowledge parents, guardians, and caregivers need, with proper 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 behavior. Students will develop the research skills through investigations related to caregiving and childrearing.
11	HSP3U1 Introduction to Anthropology, Psychology and Sociology	University	ENG2D or CHC2D	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. Some of the issues that will be addressed and explored in this course include evolution, the debate between nature versus nurture, the teenage brain, different forms of mental illnesses, classical conditioning, conformity, perception, memory, personality, stereotyping and racism and the social understanding of normal versus abnormal behavior.
12	HHS4C1 Families in Canada	College	None	This course enables students to develop an understanding of social science theories as they apply to individual development, the development of intimate relationships and family and parent-child relationships. Students will explore a range of issues relating to the development of individuals and families in contemporary Canadian society as well as in the cultures and historical periods. They will develop the investigative skills required to conduct and communicate the results on individuals, intimate relationships and parent-child relationships.
12	HHS4U1 Families in Canada	University	Any grade 11U or M course in social science, humanities, English or Canadian & World Studies HSP3U is recommended.	This course enables students to draw on sociological, psychological and anthropological theories and research to analyze the development of individuals, intimate relationships and family and parent-child relationships. Students will explore a range of issues relating to the development of individuals and families in contemporary Canadian society as well as in the cultures and historical periods. They will develop the investigative skills required to conduct and communicate the results on individuals, intimate relationships and parent-child relationships.
12	HSB4U1 Challenge and Change In Society	University	Any gr. 11U or M course in social science, humanities, English or Canadian & World Studies HSP3U is recommended	This is an introduction to “anthropology, sociology and psychology”. Students will learn about technology and social change. They will look at mental health issues such as depression, schizophrenia and phobia. Students will discuss issues such as racism and discrimination.

TECHNOLOGY

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	TIJ1O1 Exploring Technologies	Open	None	An introductory course to Technological Education which includes the following courses: Construction and Transportation. Students will complete approximately 9 weeks in both courses. a) Construction Students will be introduced to construction technology by designing and building a project using woodworking tools and materials. Students will learn workshop safety, measurements and proper tool use b) Transportation Students will gain some basic experience in the areas of maintenance and service of an automobile .They will also develop an awareness of environmental and social issues related to the automobile..
10	TCJ2O1 Construction Technology	Open	None	Students learn basic woodworking techniques, terminology and methods. They learn how to use shop tools and work on small woodworking projects such as cutting boards, coffee tables and/or stools.
10	TDJ2O1 Technological Design	Open	None	This course provides students with a variety of learning experiences that develop the required knowledge, skill and values to allow them to become better clients and designers. This course is activity and project based which highlights problem solving through the design process. Projects in this course focus on product design and architecture.
10	TFJ2O1 Hospitality and Tourism- Cooking	Open	None	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.
10	TGJ2O1 Communication Technology	Open	None	Students will complete a range of assignments using various technology programs. The focus of the course is in graphics and video – students are introduced to animation and print and will learn how to use video equipment to produce short videos.
10	TXJ2O1 Hairstyling and Aesthetics	Open	None	Students learn about safety in the cosmetology industry, bacteriology, health technologies, child care and geriatrics They are introduced to cosmetology – they learn how to shampoo and blow dry hair, do a manicure and learn about face shapes.
10	TTJ2O1 Transportation Technology	Open	None	This is an introduction to transportation technology. Students learn about engine components and their functions as well as how an engine runs by disassembling and assembling a small engine. Students will learn about fine measuring devices. The functions of some major vehicle system components will be taught through a combination of hands-on experience and written projects.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	ICS3U1 Computer Science	University	None	This course introduces students to computer science. Students will design software using industry-standard programming tools. They will write and use subprograms within computer programs. Recommended for students going into university Engineering programs
11	TCJ3C1 Construction Engineering Technology	College	None	In this hands on course, students will learn how to frame walls, install plumbing and electrical wiring and hang and finish drywall. Students will learn how to use hand and power tools safely to perform all these tasks. The students will learn about the Ontario Building Code and building trade regulations. By the end of the course, they will have a good background in common home renovations.
11	TDJ3M1 Technological Design	University/ College	None	Students will learn the skill of design, communication, drawing and model building. They will learn about the latest "Green" materials and building strategies, and how to incorporate them into their designs. Students will learn how to design and build physical models of their own community and of their ideal property and house. Students will learn about careers in design, engineering and architecture.
11	TFB3E1 Baking	Workplace	None	Students will learn the importance of safety and sanitation in the baking industry and explore a variety of ingredients, flavorings and the important role they play in the baking process. Students will learn how to read, understand and make a recipe. They will learn how to make cookies, cakes, bars, pies, quick breads and yeast breads, pastries and basic cake decorating. They will develop the skills to design and create appetizing desserts as well as develop their skills in a variety of food presentations and decoration techniques.
11	TFJ3C1 Hospitality and Tourism - Cooking	College	None	This course emphasizes the scope of the hospitality and tourism industry. Students will study food origins, food-handling techniques and food preparation, health and safety standards, and the use of specialized tools and equipment. 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 catering event and facilitate the development of culinary skills. Students will learn how to make soups, stocks, sauces, disassemble a chicken, make pasta from scratch and much more.
11	TGJ3M1 Communication Technology	University/ College	None	This course allows students to explore in areas of TV, video and movie production, radio and audio production, print and graphic communications, a *new focus on digital photography ; digital imaging and broadcasting. Students will develop an awareness of related career opportunities and explore college and university programs within the industry.
11	TTJ3C1 Transportation Technology	College	None	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 automobiles, taught through a combination of hands-on experience and written projects. Students will develop communication and teamwork skills, using a variety of tools and equipment. Students will also develop an awareness of environment and societal issues related to transportation and will learn about apprenticeship and college programs leading to careers in the transportation industry.

TECHNOLOGY

GRADE	COURSE	TYPE	PREREQUI SITE	COURSE NOTES
11	TXJ3E1 Hairstyling and Aesthetics	Workplace	None	Students learn about safety in the salon (WHMS) and sanitation. They learn how to shampoo and blow dry hair and how to do a manicure and pedicure. Students are introduced to hair cutting, colouring and waxing.
12	ICS4U1 Computer Science	University	ICS3U1	This is a continuation of the grade 11 ICS3U course. The main focus of this course is programming but at a more advanced level and incorporates logic into assignments.
12	TCJ4C1 Construction	College	TCJ3C1	In this course students will learn the homebuilding construction trades at an advanced pre-apprenticeship level. In this fully hands on course, students will learn advanced framing, advanced electrical wiring and cabinetmaking. Students will learn how to use hand and power tools to safely perform all of these tasks. By the end of the course, they will have a good background so that they can construct garden sheds, doghouses and kitchen cabinets.
12	TDJ4M1 Technological Design	University/ College	TDJ3MI	Students will enhance their skills of architectural planning and design that they learned in TDJ3M. They learn more about careers in design, engineering and architecture. They will explore how to use AutoCAD and 3D software to draw their designs. They will learn about the latest “Green” materials and building strategies and how to incorporate them into their designs. Students will design, draw and build their own furniture and floor plans and other features for new homes. They will learn about different materials and how they affect the design and construction of their home and other buildings.
12	TFB4E1	Workplace	TFB3E Students must have Grade 11 Baking to take this course TFJ3C is Cooking	Students must have TFB3E -the baking gr. 11 prerequisite. Students with gr. 11 Cooking – TFJ3C do not have the prerequisite for this course. Students will learn the importance of safety and sanitation in the baking industry and explore a variety of ingredients, flavorings and the important role they play in the baking process. Students will learn how to make advanced cookies, cakes, bars, pies, quick breads and yeast breads, pastries and advanced cake making, assembly and decorating, including fondant work. They will continue to develop their skills to design and create appetizing desserts that they learned in Grade 11 and further develop their skills in a variety of food presentation and decoration techniques.
12	TFJ4C1 Hospitality and Tourism: Culinary Arts and Management	College	TFJ3C	Students must have TFJ3C -the hospitality gr. 11 prerequisite. Students with gr. 11 Baking – TFB3E do not have the prerequisite for this course. Students will further the knowledge they gained from the Grade 11 Cooking course. Students will demonstrate advanced food preparation and presentation skills. They will create food using a variety of tools and equipment and will investigate the principles and procedures of providing high quality service to ensure customer satisfaction and the components of running a successful catering event and facilitate the development of advanced culinary skills. Students will expand their awareness of health and safety issues, environmental and societal issues, and career opportunities in the tourism industry. Students will advance the skills they developed in the Gr. 11 course as well as how to break down larger cuts of meat into retail cuts, make sushi and a variety of cultural and ethnic dishes to enhance their understanding of the world.
12	TGJ4M1 Communication Technology	University/ College	TGJ3MI	This course enables students to further develop their skills that they learned in TGJ3M in the areas of TV, film and movie production, *digital photography, print and graphic communications, radio and audio production, broadcast journalism and animation, and interactive new media. Students

GRADE	COURSE	TYPE	PREREQUI SITE	COURSE NOTES
				will explore a range of subject matter through studio activities from Adobe Photoshop to studio lighting and will consolidate their practical skill with a camera. The development of a portfolio is an integral part of this course, which makes this an ideal class for students applying to any post-secondary program that requires a portfolio.
12	TTJ4C1 Transportation Technology	College	TTJ3CI	This course enables students to further develop technical knowledge and skills as they study, test, service and repair engine management systems, suspension and brake systems on automobiles, taught through a combination of hands-on experience and written assignments. Students will refine communication and teamwork skills using a variety of tools and equipment. Students will also expand their awareness of environment and societal issues related to transportation and their knowledge of apprenticeship and college programs leading to careers in the transportation industry.
12	TXJ4E1	Workplace	TXJ3E	This course enables students to develop knowledge and skills in the cosmetology industry. Students will gain skills in styling, curling, colouring, cutting, braiding and up-do's, manicures, facials, nail art and waxing. Students will learn to provide services for a diverse clientele and create a portfolio of their work throughout the course. Students will 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 will acquire a more detailed knowledge of apprenticeships and direct-entry work positions.

What do you need to graduate?

Students must earn the following 18 compulsory credits to obtain the Ontario Secondary School Diploma:

- ✓ 4 credits in English (ENG1, ENG2, ENG3, ENG4) or NBE3C
- ✓ 3 credits in mathematics (one at the grade 11 or 12 level)
- ✓ 2 credits in science
- ✓ 1 credit in Canadian history
- ✓ 1 credit in Canadian geography
- ✓ 1 credit in arts
- ✓ 1 credit in health and physical education
- ✓ 1 credit in French as a second language
- ✓ 0.5 credit in career studies
- ✓ 0.5 credit in civics

Plus one credit from each of the following groups:

- ❖ **1 additional credit in Group 1** – additional credit in English or French as a second language or an International language, or social sciences and the humanities, or Canadian and world studies, or guidance and career education, or cooperative education* or a gr. 11 religion credit (HRT3M or HRF3O or HRT3MF)
- ❖ **1 additional credit in Group 2** – additional credit in health and physical education, or the art, or business studies, or French as a second language, or cooperative education*
- ❖ **1 additional credit in Group 3** – additional credit in science (at the grade 11 or 12 level), or technological education, or French as a second language, or computer studies, or cooperative education*

In addition to the compulsory credits, students must complete:

- 12 optional credits
- 40 hours of community involvement activities
- the provincial literacy requirement or the OLC30 course (if you failed the literacy test)

*** A maximum of 2 credits in cooperative education can count as compulsory group 1, 2 or 3 credit**

***In groups 1, 2 and 3 a maximum of 2 credits in French as a second language can count as compulsory credits, one from group 1 and one from either group 2 or group 3**

CAREER PLANNING

MyBlueprint – go to DPCDSB student dashboard. Log-in and then select the MyBlueprint box.

College Bound - ** some programs are only offered at colleges**

Visit the website www.ontariocolleges.ca

- click “Find” to look at programs

University Bound

Visit the website www.ontariouniversitiesinfo.ca

- at the top click “Find a Program”

- check out admission requirements for the programs you are interested in

- ** ALL UNIVERSITIES REQUIRE A MINIMUM OF 6 GRADE 12 “U” OR “M” LEVEL COURSES **

All grade 12 students should choose 7 courses even if they need 6 credits to graduate and should look at the appropriate websites for post-secondary prerequisites.

Specialist High Skills Major – Arts and Culture

- SHSM is a ministry approved specialized program that starts in grade 11 that allows students to experience a range of customized opportunities in the Arts

It is recommended that students considering the Art SHSM program in grade 11, take at least 2 credits in two different areas of the Arts in grade 11 so they have the prerequisites for 2 different areas in the arts in grade 12 .

Eg. An Art course and a Drama Course **or** A Drama Course and a Music Course **or** An Art Course and a Music Course

Students must complete:

1. A bundle of 8-10 Grade 11 and Grade 12 credits that includes:
 - i) 4 credits that provide sector-specific knowledge and skills (students should take 2 different art concentrations in grade 11 so they have the prerequisites for 2 different art concentrations in grade 12)
 - ii) 1 English credit and 1 Business or Canadian and World Studies credit from the Ontario curriculum, in which some expectations are met through learning activities contextualized to the sector.
2. 2 cooperative education credits that provide authentic learning experiences in a workplace setting, enabling students to refine, extend, and practice sector-specific knowledge and skills
3. Sector-recognized certifications and/or training courses eg. First Aid, CPR
4. Experiential learning and career exploration activities within the sector
5. “Reach Ahead” experiences connected with the student’s chosen postsecondary pathway
6. Development of Essential Skills and work habits required in the sector, and the use of the Ontario Skills Passport (OSP) for purposes of documentation

Specialist High Skills Major – Sports and Recreation

- SHSM is a ministry approved specialized program that starts in grade 11 that allows students to experience a range of customized opportunities in Sports

Students considering the Sports SHSM program for grade 11, should select at least 1- 2 credits in physical education for their grade 11 program.

Students must complete:

1. A bundle of 8-10 Grade 11 and Grade 12 credits that includes:
 - a. 4 credits that provide sector-specific knowledge and skills (one must be physed for each grade)
 - b. 1 English credit and 1 Business or Canadian and World Studies credit and 1 math credit from the Ontario curriculum, in which some expectations are met through learning activities contextualized to the sector.
2. 2 co-operative education credits that provide authentic learning experiences in a workplace setting, enabling students to refine, extend, and practice sector-specific knowledge and skills
3. Sector-recognized certifications and/or training courses eg. First Aid, CPR
4. Experiential learning and career exploration activities within the sector
5. “Reach Ahead” experiences connected with the student’s chosen postsecondary pathway
6. Development of Essential Skills and work habits required in the sector, and the use of the Ontario Skills Passport (OSP) for purposes of documentation

Program Planning Chart

18 Compulsory Credits	Grade 9	Grade 10	Grade 11	Grade 12
4 English Credits (one per grade)	ENG1D or ENG1L	ENG2D or EN2P or ENG2L	ENG3U or ENG3E or ENG3C and OLC40 (if didn't pass Literacy Test)	ENG4U or ENG4C or ENG4E
I French	FSF1D or FSF1O or FEF1DF			
3 Mathematics (at least one at grade II or I2)	MTH1W1 or MAT1L	MPF2D or MFM2P or MAT2L	MCR3U or MCF3M or MBF3C or MEL3E	MDM4U MHF4U MCV4U MAP4C MEL4E
2 Science	SNC1W1 or SNC1L	SNC2D or SNC2P (there is no gr.10 essential science)	SVN3E (2 nd science if took SNC1L)	
I Canadian Geography	CGC1D or CGC1DF			
I Canadian History		CHC2D or CHC2P or CHC2L or CHC2DF		
I Arts	AMU1O , ADA1O, AVI1O	ADA2O, AMG2O, AMU2O, AVI2O1 (compulsory only if not taken in gr. 9)		
I Physical Education	PPL1OM or PPL1OF	PPL2OF or PPL2OM (compulsory only if not taken in gr. 9)		
.5 Civics		CHV2O		
.5 Careers		GLC2O		
Religion	HRE1O	HRE2O	HRF3O, HRT3M, HRT3MF (counts as a group 1 credit)	HRE4O or HRE4M or HZT4U
Group 1: I additional credit in English or French or a Native language or a classical or an international language or social sciences and humanities or Canadian and world studies or guidance and career education or Co-op		FSF2D, FEF2DF	FSF3U, FEF3UF, CHW3U, CGG3O, CGF3M, CLU3M, HSP3U A grade 11 religion course will count as a group 1 credit.	FSF4U, FEF4UF, HHS4C, HHS4U, HSB4U, EWC4U, CHY4U, CGW4U, CLN4U, CO-OP HZT4U (if 2 nd Religion course in gr. 12)
Group 2: I additional credit in gym or the arts or business or French as a second language or Co-op	BTT1O	BBI2O, ADA2O, AMU2O, AMG2O, AVI2O, PPL2OF, PPL2OM (only if 2 nd credit in art and gym)	BAF3M, BMI3C, PAF3OF, PAF3OM, PAI3O, PAD3O, ADA3O, ADA3M, ADB3O, ADB3M, AMG3M, AMU3M, AVI3O, AVI3M,	BBB4M, BOH4M, BAT4M, PAI4O, PAF4OF, PAF4OM, PSK4U, ADA4M, AMG4M, AMU4M, AVI4M CO-OP
Group 3: I additional credit in grade II or I2 science or technological education or computer studies or French as a second language or Co-op	TIJ1O	TCJ2O, TGJ2O, TXJ2O, TTJ2O,	SBI3C, SBI3U, SVN3M, SCH3U, SPH3U, TCJ3C, TXJ3E, TTJ3C, TGJ3M, ICS3U, TDJ3M, TFB3E, TFJ3C	SBI4U, SCH4U, SCH4C, SPH4C, SPH4U, TCJ4E, TTJ4C, TGJ4M, ICS4U, TDJ4M, TFJ4C, TFB4E, TXJ4E, CO-OP
Plus 12 optional credits (see all non-bold subjects)	GLE1O1 – recommended by Academic Resource Dept.	GLE2O1- recommended by Academic Resource Dept.		IDC4U1, IDC4O

****University admission requires a minimum of 6 Grade 12 "U" or "M" level courses****