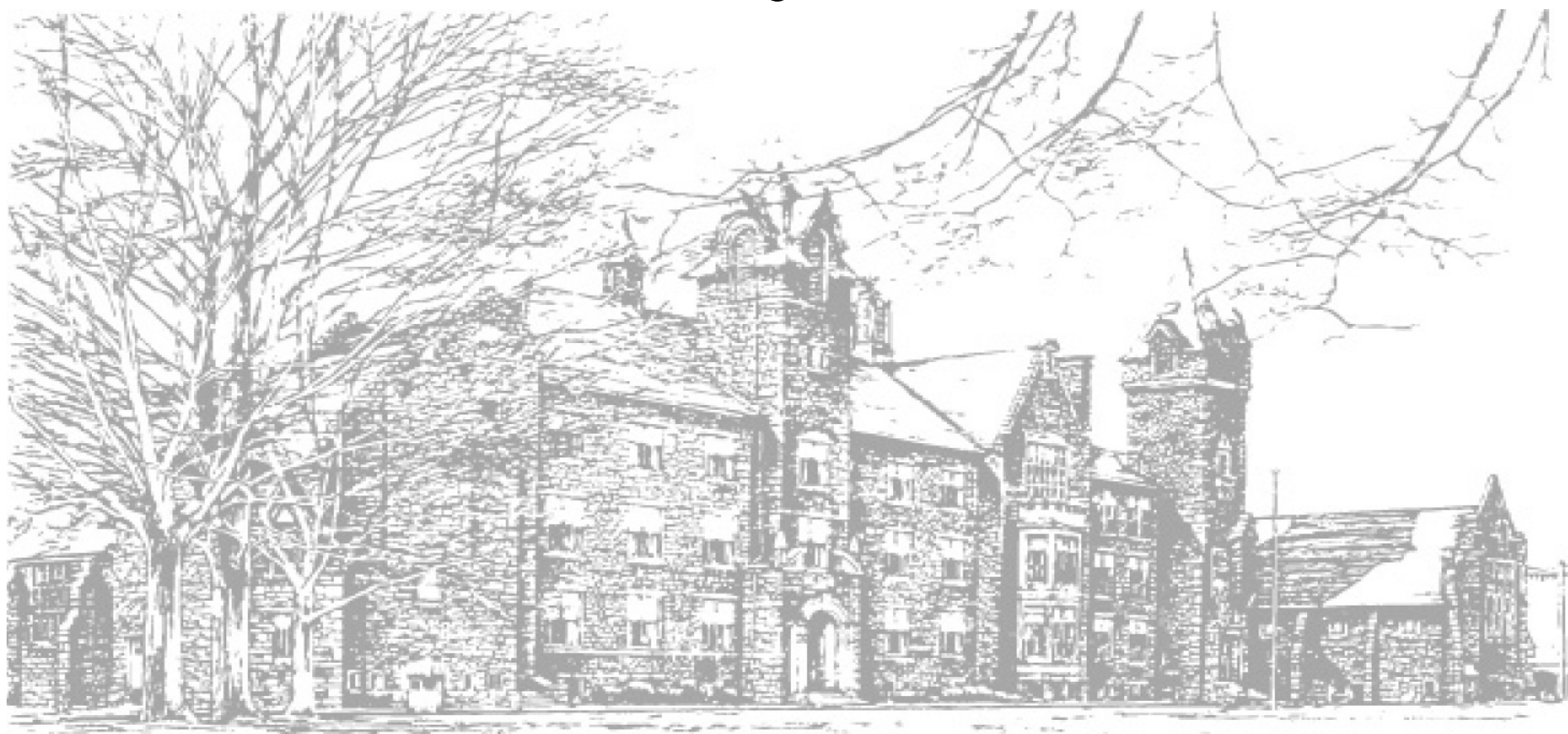




*Galt Collegiate Institute*  
and Vocational School

*Grade 9 -12*  
*Course Calendar Supplement*  
*2015-2016*





## *Calendar of Studies*

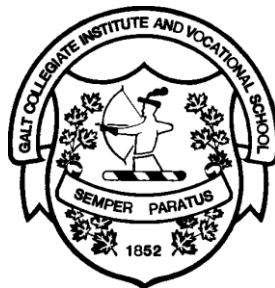
*Grade 9 - 12*

*2015 – 2016*

Principal: Ms. B. Wood  
Vice-Principals: Ms. C. Wynn A - K  
Mr. A. Lavell L – Z

Head of Counselling: Ms. M. Beaupre  
Counsellors: Mrs. B. Genovese  
Mrs. C. Klie  
Mr. M. Wyman

200 Water St N  
Cambridge, Ontario N1R 6V2  
Phone: 519-623-3600  
Fax: 519-623-6810



# THE ONTARIO SECONDARY SCHOOL DIPLOMA

## Credit Requirements

### In order to earn an Ontario Secondary School Diploma a student must:

- earn 30 credits (18 compulsory and 12 optional credits)
- complete 40 hours of community involvement activities
- successfully complete the provincial secondary school literacy diploma requirement through successful completion of either the Ontario Secondary School Literacy Test or the Ontario Secondary School Literacy Course.

### Compulsory Credits:

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

- 4 credits in English (1 credit per grade)
- 1 credit in French as a second language
- 3 credits in Mathematics (at least 1 credit in Grade 11 or 12)
- 2 credits in Science
- 1 credit in Canadian History
- 1 credit in Canadian Geography
- 1 credit in the Arts
- 1 credit in Health and Physical Education
- .5 credits in Civics
- .5 credits in Career Studies
- Group 1: 1 additional credit in English, or French as a second language, or a Native language, or a classical or an international language, or social sciences and the humanities, or Canadian and world studies, or guidance and career education, or co-op
- Group 2: 1 additional credit in Health and Physical Education, or the Arts, or Business Studies, French as a second language or co-op
- Group 3: 1 additional credit in Science (Grade 11 or 12) or Technological Education (Grades 9-12), French as a second language, computer studies or co-op

## MINIMUM COURSE LOAD AT GCI

Students registering at GCI must choose a program with a course load according to school policy as outlined below:

Grade Level	Minimum Day School Course Load	Note
9	8	In grades 9 and 10, all students will select a full course load of 8 credit courses unless there are exceptional circumstances approved by the Principal.
10	8	
11	8	Students are encouraged to select 8 courses. Students with less than 20 credits are expected to carry 4 credits for the entire semester.
12	6 or 7	It is recommended that students take the number of credits needed to fulfill OSSD requirements, 30 credits. e.g. 23 credits earned + 7 needed = 30 credits

**34 CREDIT CAP / THRESHOLD:** In September of 2013, the Ministry of Education introduced a threshold of 34 secondary school credits per student. The requirement to obtain an Ontario Secondary School Diploma (OSSD) is 30 credits. Students wanting to exceed the 34 credit threshold will be directed to continuing education options such as summer school and night school. Students will not be required to pay for credits over the 34-credit threshold. All successfully completed credits will count toward the 34 credit threshold. For example, if a student successfully completes a credit course more than once (e.g., to upgrade mark), each successful completion will count toward the 34 credit total. The Ministry has identified some exemptions for the 34 credit threshold, which include students with IEPs, and credit courses in English as a Second Language (ESL) and English Literacy Development (ELD).

**PART TIME STUDENTS:** Students will be permitted to be part time (1 or 2 credits) with Principal approval **ONLY** if they have earned their Ontario Secondary School Diploma (30 credits).

**NOTE:** It is imperative that students choose their courses wisely as teaching staff, support staff and classrooms are based on these choices. Course changes may not be possible in September. Students are expected to choose a full time program based on minimum course load and commit to this program for the entire year. Any exceptions are subject to administrative approval.

**CHARGING OF COURSE FEES:** All basic materials essential for the completion of a program are made available to students, at no cost. It is the policy of the Waterloo Region District School Board to acknowledge that: students are entitled to an education that ensures they achieve their full potential through the equitable and appropriate allocation of funds provided by the Ministry of Education; enhanced educational opportunities for all students are made available through shared responsibilities with parents and guardians and other community resources. Students/families requiring financial assistance should contact a staff member. The staff member will ensure that the student's issue is dealt with in an appropriate manner.

# THE ARTS

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	AMI1OI Music, Instrumental (experienced)	Open		This course focuses on instrumental (band) music and is for students with one or more years of experience on their instrument. Most of their time will be spent continuing to learn to play in a wide variety of styles.
9	AMI1OX Music, Instrumental (beginner)	Open		This course focuses on instrumental (band) music and is for students with no experience on a band instrument or students starting a new instrument. Students will spend most of their time learning to play.
9	AMV1OI Music, Vocal	Open		This course focuses on vocal/choral music and is at a level suitable for both beginning and experienced singers. Students will spend most of their time learning to sing in a wide variety of styles.
9	AV11OI Visual Arts	Open		This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students become familiar with the elements and principles of design, and the use of various materials. There is an emphasis on Canadian art history and pre-historic art.
10	ADA2OI Dramatic Arts	Open		This course offers students an introduction to drama. You will be introduced to different dramatic forms, including mime, tableau, creative movement, and vocal production. The final evaluation will take students through the various phases of a stage production.
10	AMG2OI Music, Guitar	Open		This course is for students interested in learning to play guitar that have no previous experience. Students will learn to strum chords, explore different playing techniques, and read music. Guitars will be provided. This course is available to students in grades 10, 11, 12.
10	AMI2OI Music, Instrumental	Open	AMI1OI or AMI1OX or AMI2OX are recommended in order to be successful.	This course is a continuation of AMI1OI, AMI1OX and AMI2OX (grade 9 & 10 beginning band & grade 9 experienced band) and focuses on instrumental (band) music. Students will spend most of their time continuing to learn to play in a wide variety of styles.
10	AMI2OX Music, Instrumental Beginner	Open		This course focuses on instrumental (band) music and is for students with either no experience on a band instrument, or students wishing to start a new instrument. Most of their class time will be spent learning to play.
10	AMV2OI Music, Vocal	Open	AMV1OI is recommended in order to be successful	This course is a continuation of AMV1OI (grade 9 vocal) and focuses on vocal/choral music. Students will spend most of their time continuing to learn to sing in a wide variety of styles.
10	ATC2OI Dance	Open		This course emphasizes the development of students' technique and creative skills relating to the elements of dance and the tools of composition 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 to develop artistic scope in the dance arts. Course enhancement fee \$25. <b>NOTE:</b> Cost may vary depending on enrolment.
10	AVI2OI Visual Arts	Open	AVI1OI is recommended in order to be successful	This course enables students to further develop their skills in producing and presenting art by introducing them to new ideas, materials and processes. Application of the elements and principles of design continue at this level. Students will use critical analysis within a personal and historical context.
11	ADA3OI Dramatic Arts	Open	ADA2OI is recommended in order to be successful	This course expands on concepts learned in Grade 10. An emphasis is placed on studying character development through different forms such as monologues and scene studies. Students will also study different dramatic forms such as docudrama.
11	AMI3MI Music, Instrumental - Band	University/ College	AMI1OI or AMI2OI is required, AMI 2OI is recommended in order to be successful	This course is a continuation of AMI2OI (Grade Ten Instrumental) and focuses on instrumental music. Students will spend most of their time continuing to learn how to play in a wide variety of styles. Participation in the GCI Senior Band is strongly suggested.
11	AMR3MH Band Repertoire	University/ College	AMI2OI	This is a half credit course for students who have completed AMI2OI. Students will practise twice a week during lunch and perform outside of regular class time as members of the <b>GCI Senior Band</b> .
11	AMR3MK Vocal Repertoire	University/ College	AMV2OI or AMI2OI	This is a half credit course for students who have completed AMI2OI or AMV2OI. Students will practise twice a week during lunch and perform outside of regular class time as members of the <b>GCI Concert Choir</b> .
11	AMV3MI Music, Vocal	University/ College	AMV2OI or Departmental permission	This course is a continuation of AMV2OI (Grade Ten Vocal) and focuses on vocal/choral music. Students will spend most of their time continuing to learn how to sing in a wide variety of styles. Participation in the GCI Concert Choir is strongly suggested.
11	ASM3MI Media Arts (see also EMS3OI)	University/ College		Students will study the key elements of mass media in our modern culture and apply this to the basics of filmmaking. They will create storyboards, film treatments and shooting scripts. Students experiment with a number of short film production assignments such as claymation and digital editing. The course ends with the creation of a larger group film.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	AVI3MI Visual Arts	University/ College	AVI1OI or AVI2OI	This course enables students to further develop their knowledge and skills in visual art. Students will use the creative process to explore a wide range of themes through drawing, painting, sculpting, and printmaking. Critical analysis and self-evaluation techniques are developed. Students will also explore works of art within a personal, contemporary, historical, and cultural context. It is recommended that students supply own brushes, drawing pencils, and high quality sketchbook for this course.
11	AWQ3MI Photography	University/ College		Students are introduced to the basic principles of photographic composition and traditional darkroom techniques. Course work includes building a pinhole camera, SLR camera knowledge, studio assignments, and an introduction to digital photography and photo editing using Photoshop. Course enhancement fee is \$70.
12	ADA4MI Dramatic Arts	University/ College	ADA3OI	Students will learn about different schools of acting and methods of character development, and apply these in developing characters for performance. Important periods in theatre history, styles of theatre, and theatre's influence on societies and cultures will be studied. Students will also learn about the technical elements of staging theatrical productions.
12	AMI4MI Music, Instrumental	University/ College	AMI3MI	This course is a continuation of AMI3MI (Grade Eleven Band) and focuses on instrumental music. Students will spend most of their time continuing to learn to play as well as listening to music from a wide variety of styles. Participation in the GCI Senior Band is strongly suggested.
12	AMR4MH Band Repertoire	University/ College	AMR3MH	This is a half credit course for students who have completed AMR3MH. Students will practise twice a week during lunch and perform outside of regular class time as members of the <b>GCI Senior Band</b> .
12	AMR4MK Vocal Repertoire	University/ College	AMR3MK	This is a half credit course for students who have completed AMR3MK. Students will practise twice a week during lunch and perform outside of regular class time as members of the <b>GCI Concert Choir</b> .
12	ASM4MI Media Arts	University/ College		In this course students learn the craft of movie making. They study the film director as artist, and look at various significant directors and their films. Delving into the world of video production they work individually and in groups to plan, shoot, and edit video projects such as music videos, movie trailers, and claymation and short films.
12	AMV4MI Music, Vocal	University/ College	AMV3MI or Departmental permission	This course is a continuation of AMV3MI (Grade Eleven Vocal) and focuses on vocal/choral music. Students will spend most of their time continuing to learn to sing as well as listening to music from a wide variety of styles. Participation in the GCI Concert Choir is strongly suggested.
12	AVI4MI Visual Arts	University/ College	AVI3MI or AVI3OI	This course builds on the skills and knowledge acquired in AVI 3MI. Students will use advanced understanding of techniques to create a body of original works displaying personal expression and growth. More emphasis on interpretation and critical analysis is developed at this level with emphasis on modern Western art history. This course includes exhibiting in a professional or community space as part of the culminating unit. Students are expected to purchase a high quality sketchbook and additional materials to complete their mini-suite pieces for the culminating unit.
12	AWQ4MI Photography	University/ College	AWQ3MI or AWQ3OI	This course is a continuation of the grade 11 open level photography with the emphasis on portfolio development. Traditional black and white photography in combination with digital photography and Photoshop are an emphasis of the program. Students should supply own digital camera. Course enhancement fee is \$70.

## BUSINESS STUDIES

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	BBI1OI Introduction to Business	Open		This course is the same as BBI2OI. Students can take either one, but <b>NOT BOTH</b> . This course introduces students to the many disciplines of study in business such as Managing Personal Finance, Accounting, Marketing, Entrepreneurship, Management, and International Business.
9	BTT1OI Information & Communication Technology in Business	Open		This course is the same as BTT2OI. Students can take either one, but <b>NOT BOTH</b> . With a focus on software used in business and school environments, students will learn to effectively use: Microsoft Office software (Word, Excel, PowerPoint, Publisher), create their own web pages and learn about effective and safe uses of social media such as Facebook. Taught in a computer lab.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
10	BBI2OI Introduction to Business	Open		This course is the same as BBI1OI. Students can take either one, but <b>NOT BOTH</b> . This course introduces students to the many disciplines of study in business such as Managing Personal Finance, Accounting, Marketing, Entrepreneurship, Management, and International Business.
10	BTT2OI Information & Communication Technology in Business	Open		This course is the same as BTT1OI. Students can take either one, but <b>NOT BOTH</b> . With a focus on software used in business and school environments, students will learn to effectively use Microsoft Office software (Word, Excel, PowerPoint, Publisher), create their own web pages and learn about effective and safe uses of social media such as Facebook. Taught in a computer lab.
11	BAF3MI Financial Accounting Fundamentals	University/ College		This course introduces students to the accounting practices for service and merchandising businesses, computerized accounting (Simply Accounting), and financial analysis. It is an excellent foundation for further studies in business. A prerequisite for BAT4MI.
11	BDI3CI Entrepreneurship: The Venture	College		Students learn how to become an entrepreneur and run a successful business. They will then plan, create and run two small school-based companies in order to raise money for a charity of their choice.
11	BMI3CI Marketing: Goods, Services, Events	College		Students discover what goes into creating and selling new products and services. They will learn about how product ideas are generated and how to effectively market their new ideas to consumers. The course concludes as students invent a new product of their own and build a plan that outlines how it could actually be launched in the marketplace.
11	BTA3OI Information & Communication Technology: The Digital Environment	Open	BTT1OI or BTT2OI recommended	Students learn more advanced skills in software and become very effective users of the more advanced features of Microsoft Office software (Word, Excel, PowerPoint), Access, Photoshop, Macromedia (Dreamweaver, Fireworks), CorelDraw. Taught in a computer lab.
12	BAT4MI Financial Accounting Principles	University/ College	BAF3MI	This course is ideal preparation for post-secondary studies in any area of business, as accounting is the basis of business decision making. Topics include financial statement analysis, partnerships, corporations, and sources of financing.
12	BBB4MI International Business Fundamentals	University/ College	Any university, university/college, or college preparation course in Business Studies, English, or Canadian & World Studies	This course is ideal preparation for post-secondary studies in business and understanding how Canada operates in the increasingly international business environment. Topics include factors that lead to success in international business, how marketing changes when a company is in more than one market, common mistakes that businesses make when going international and how to adjust products and services for cultural differences.
12	BOH4MI Business Leadership: Management Fundamentals	University/ College	Any university, university/college, or college preparation course in Business Studies, English, or Canadian & World Studies	This course examines what it means to be a leader in the business world today. Students learn how to manage employees, how to work well in teams, and how to solve real-life business problems. <b>DUAL CREDIT:</b> Students who attain 75% will also earn a half credit in Profiles of Leadership from Wilfrid Laurier University (Brantford Campus).

## CANADIAN AND WORLD STUDIES – GEOGRAPHY

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	CGC1DI Issues in Canadian Geography	Academic		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 develop possible approaches for making Canada a more sustainable place in which to live.
9	CGC1PI Issues in Canadian Geography	Applied		This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore issues relating to food and water supplies, competing land uses, interactions with the natural environment, and other topics relevant to sustainable living in Canada.
10	CGL23I Sustainable Living	Open	CGG1DI or CGC1PI or CGC1DF	There is a saying that we don't inherit the Earth from our parents, we borrow it from our children. Now more than ever, humans are realizing that how we live our lives today, will affect the lives of future generations. This introductory environmental studies course will examine the impacts that our daily actions have on the planet, and how we can change them to provide for a more sustainable future. Highlights in the past of the course include various environmental based day trips and an excursion to the "Green Living Show" in Toronto.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	CGF3MI Forces of Nature: Physical Processes and Disasters	University/ College	CGG1DI or CGC1PI or CGC1DF	Tsunamis, tornadoes, volcanoes, earthquakes, earth impacts...sound interesting? In this course, we'll lay the foundation for the processes that help shape our dynamic planet (with an emphasis on natural disasters). Opportunities for field trips include a hiking experience in the Niagara Escarpment and the Ground-Water Festival in Kitchener
11	CGG3OI Travel and Tourism: A Geographic Perspective	Open	CGG1DI or CGC1PI or CGC1DF	Do you like to travel? This course focuses on Travel and Tourism and examines the unique characteristics and patterns of tourism in regions such as Canada and the U.S., Caribbean, Europe, Middle East and Africa. Highlights include a field trip to downtown Toronto and Much Music.
12	CGW4UI Canadian & World Issues: A Geographic Analysis	University	Any university, university/college, or college preparation course in Canadian and world studies, English or Social Sciences.	Why are children as young as 5 forced to be child soldiers? Why is terrorism on the rise? Why is the world's population exploding? Why do children work in sweatshops? Why do over 1 billion people go hungry? In this course we'll analyze the problems and potential solutions to ending some of the world's most pressing issues. Past highlights include a local field trip to the homeless shelter, a trip to CIGI in Waterloo, which is an international think tank on solving global issues and WE day at the Aud. in Kitchener

## CANADIAN AND WORLD STUDIES - HISTORY

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
10	CHC2DI Canadian History since World War I	Academic		An exploration of Canada's participation in global events as well as our development as a country since the Great War. Both chronological and thematic approaches will be used as we dance merrily through the decades.
10	CHC2PI Canadian History since World War I	Applied		An examination of Canada's history from the Great War to the present. There will be daily opportunities to relate the past to the present and consider the future. Canada's history has become an entity unto itself. "It's Alive!"
10	CHV2OH Civics and Citizenship	Open		An exploration of what it means to be an <b>Informed Citizen</b> in a democratic society. The importance of Democracy, Justice, Canadian Government, and Global Citizenship are examined through various units of study.
11	CHG331 Genocide: Crimes Against Humanity	University/ College	CHC2DI or CHC2PI	This course will focus on the unique study of Genocide, programs of racial extermination and ethnic cleansing. Historically Crimes against Humanity have been perpetrated by oppressive governments who hold to discriminatory and prejudicial beliefs. Personal identity, racism and responsible citizenship are addressed, with history providing the vehicle for analysis. Case studies will include: Colonial Belgium under King Leopold, The Holocaust, "Year Zero" in Cambodia, and Rwanda. The lessons of History must be learned so that they will not be repeated.
11	CHW3MI World History to the Sixteenth Century	University/ College	CHC2DI or CHC2PI	This course will focus on the unique study of ancient civilizations. Major areas of focus will be: Egypt, Greece, Rome, China, and Medieval Times. Learn about Tutankhamun, Socrates, Caesar, Emperor Qin and others. Students who do not take this course will have the curse of Pharaoh placed upon them or suffer the torment of Nero's madness.
11	CLU3MI Understanding Canadian Law	University/ College	CHC2DI or CHC2PI	This course explores legal issues that directly affect students' lives. Students will gain an understanding of Canada's legal system, including the criminal justice system and will have an opportunity to witness a criminal court case. Students will develop informed opinions on legal issues and look at current cases in the news. They will also participate in a mock trial and hear from a variety of speakers from law-related careers. Topics: criminal law, family law, human rights, torts and contracts.
12	CHM4EI Adventures in World History	Workplace		Travel through time on a whirlwind tour of history. For your interest and enjoyment consider an informative pleasure cruise that visits legends from Achilles to Robin Hood and warriors from the Mongol Hordes, to Gladiators, Pirates, Vikings and more. "All aboard!"

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
12	CHY4UI World History since the Sixteenth Century	University	Any university, U/C or college course in Canadian Studies or Social Sciences and Humanities.	This course explores the evolutionary/revolutionary nature of history through the last 1000 years. Special emphasis will be placed upon Feudalism, the Age of Discovery, the Enlightenment, the French Revolution, the Industrial Revolution and the turbulent 20 <sup>th</sup> century. Learn about Luther, Copernicus, Michelangelo, Napoleon and others. The Wheel of History turns yet again.
12	CIA4UI Analyzing Current Economic Issues	University	Any university or university/college preparation course in Canadian & world studies, English, or social sciences & humanities	This course prepares students for university level economics, a requirement for most business degrees. Students will investigate the nature of the Canadian economy and its place in the competitive global environment while exploring how individuals and societies make appropriate economic decisions. Students will learn about the principles of microeconomics and macroeconomics and apply economic models and concepts to interpret economic information and marketplace dynamics. Students will examine topics such as economic goals, the labour market, the role of government in markets, public institutions vs. privatization, profit maximization, macroeconomic indicators, fiscal and monetary policy, trade and much more. <b>DUAL CREDIT:</b> Students who attain 75% in the course and on the exam will earn a first year half credit in Microeconomics from Wilfred Laurier University.
12	CLN4UI Canadian & International Law	University	Any university or university/college preparation course in Canadian & world studies, English, or social sciences & humanities	This course examines elements of Canadian and international law and the role of law in social, political and global contexts. Students learn to analyze legal issues and express opinions and arguments through case studies, debates, mock trials and presentations. Students will have an opportunity to attend court and to hear from a variety of speakers from law-related careers including police, probation officer, lawyer, judge, prison guards and community organizations.
12	CPW4UI Canadian & World Politics	University	Any university or university/college preparation course in Canadian & world studies, English, or social sciences & humanities	This course will examine the ideological and philosophical applications of the study of Political Science. Students in this course annually partake in the University of Waterloo Federal Provincial Simulation. Students choosing to participate in this activity are required to pay a fee of \$15 and have a valid student card. Topical news, debates and current events provide the basis for regular discussions. Students unite; you have nothing to lose but your chains!

## CO-OP

The co-op department is now offering 3-credit packages for all co-op students. Two credits will be subject-specific and one additional credit (GWL3OI) will be added to generate a 3-credit offering. Students will still be able to choose either 1 or 2 additional in-school subjects during the semester that they take co-op. Students may also opt for a 2-credit package with reduced hour requirements if they so wish.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11/12	COOPR3 Regular	Academic, Applied, Open	Course specific prerequisites may be required	This is a regular 3-credit package that offers students practical hands-on experience in the workplace. Experiences may be directly related to a specific subject area studied in class and therefore require the in-school prerequisite or may be community-service oriented and not require a prerequisite. Co-op opportunities exist in the morning or afternoon in either semester. A co-op application form must accompany the course selection sheet. The appropriate co-op teacher will determine specific course coding, placement opportunities and timetabling during the spring interview. Three credits will be granted if students fulfill the hourly requirements set out by the Ministry of Education, otherwise two credits will be granted. Students working in the vulnerable sector may require a police check prior to their placements. Co-op opportunities exist in art, business, community service, Extended and French Immersion, family studies, social sciences, physical education, science or technology. <b>An application form and interview are required.</b>
12	OYAPT4 Technical	Academic, Applied, Open	Accepted to OYAP program	This is a 4-credit co-op course taken in the second year of the OYAP (Ontario Youth Apprenticeship Program) program. Galt Collegiate offers apprenticeship opportunities in General Machinist, Mould Maker, Tool and Die Maker, Pattern Maker, Machine Tool Builder Integrator, Industrial Mechanic, Millwright Welder Fitter, and the Automotive Service Sector. <b>An application and interview are required.</b>

# ENGLISH

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	ENG1DI English	Academic		Throughout the course, students will study various types of writing, including short stories, Shakespearean comedy, a novel and poetry. The focus for the course is on analytical writing and developing critical thinking skills. Assignments include presentations, paragraph and essay writing, graphic texts and non-fiction writing. Digital tools are used during the creation of written and oral texts.
9	ENG1PI English	Applied		Throughout the course, students will study short stories, dramas, a novel, and various media texts. The course is focused on young people and their place in the world. Assignments are varied and include presentations, paragraph and essay writing, non-fiction writing and script writing.
10	ENG2DI English	Academic	ENG1DI or ENG1PI	Throughout the course various texts are studied. These include short stories, a Shakespearean tragedy, novels, poetry and non-fiction. Students are expected to read two novels independently as well as to hone their essay writing and oral presentation skills. Analysis and critical thinking are a main focus throughout the course. Digital tools are used during the creation of written and oral texts.
10	ENG2PI English	Applied	ENG1DI or ENG1PI	Throughout the course various texts are studied such as short stories with the theme of tolerance, poetry written in the first person voice, and novels with unconventional protagonists. Students will practice a variety of communication skills such as oral presentations, newspaper writing and review writing. Skills in reading, writing, speaking, and listening are the main focus of the course.
11	ENG3EI English	Workplace	ENG2P1	Workplace communication skills are the focus in this course. Students will write for various situations and read to improve comprehension. Students will also read a novel, view films and create media projects related to the course literature. This course is designed for students who plan to enter the workforce after high school.
11	ENG3UI English	University	ENG2DI	Throughout this course students will study biographical short stories, Shakespearean tragedy, quest novels, and ballads. Students will be expected to read two novels independently, do presentations, and write a variety of essays. Various assignments will challenge the students to become independent workers and communicators. Digital tools are used during the creation of written and oral texts.
11	ENG3CI English	College	ENG2PI	In this course students will explore non-fiction writing and reality fiction. They will also examine poetry and short stories about the survival of the human spirit. Other units will examine photography, advertising and the communication skills needed for college.
11	EMS3OI Media Studies  (see also ASM3MI)	Open	ENG2DI or ENG2PI	In this course students will study the key concepts of mass media, examine television, advertising, popular culture, news photography, mainstream and alternative films. Students will be introduced to video production and the stages of planning, shooting and editing digital video through several short film assignments. This course can also be taken as an Arts credit.
12	ENG4CI English	College	ENG3CI	Throughout the course students examine non-fiction on the internet, novels which pit society against evil, plays with socially complex characters, poetry about war and global conflict, and horror films. Students will read a second novel independently, and write an essay. Various assignments will develop the communication skills and work habits needed for college.
12	ENG4EI English	Workplace	ENG3EI or ENG3CI	This course is designed for students who plan to enter the workforce after high school. Students will practice important reading and writing strategies, read a novel, explore career options, view films and create media projects related to the course literature.
12	ENG4UI English	University	ENG3UI	In this course students will explore novels about redemption, Canadian poetry, historical fiction, the CBC, a play about human relationships and Canadian identity in non-fiction texts. Students will complete a literary research paper based on a novel that is read independently. Critical thinking skills and the communication of academic analysis is emphasized throughout this course. Digital tools are used during the creation of written and oral texts.
12	ETS4CI Studies in Literature	College	ENG3CI	Throughout this course students will discover the beginnings of comedy and tragedy, Greek philosophy, poetry, folktales, romance and Children's Literature. Students will also study modern stories and films. Students will complete an independent study and assessments will be designed to reflect college level expectations.
12	ETS4UI Studies in Literature	University	ENG3UI	Throughout this course students will discover the beginnings of comedy and tragedy, Greek philosophy, poetry, folktales, romance and Children's Literature. They will explore classics such as The Great Gatsby, modern stories and films and complete an independent study about two well-known authors. Assessments will be designed to reflect university level expectations.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
12	EWC4CI Writer's Craft	College	ENG3CI	This course is for students who love creative writing, and who want to learn how to improve their writing skills. Students will have an opportunity to try their hand at various types of writing including poetry, journalism, pulp fiction, scripts and short stories. Assessments will be designed to reflect college level expectations.
12	EWC4UI Writer's Craft	University	ENG3UI	This course is for students who love creative writing, and who want to learn how to improve their writing skills. Students will have an opportunity to try their hand at various types of writing including poetry, journalism, pulp fiction, scripts and short stories. Assessments will be designed to reflect university level expectations.
12	OLC4OI Literacy Course			This is a required course for students who have yet to pass the OSSLT after two attempts. It covers the skills needed to establish literacy and explores a variety of texts including newspapers, novels, websites and documentaries.

## ENGLISH AS A SECOND LANGUAGE - CONTENT COURSES

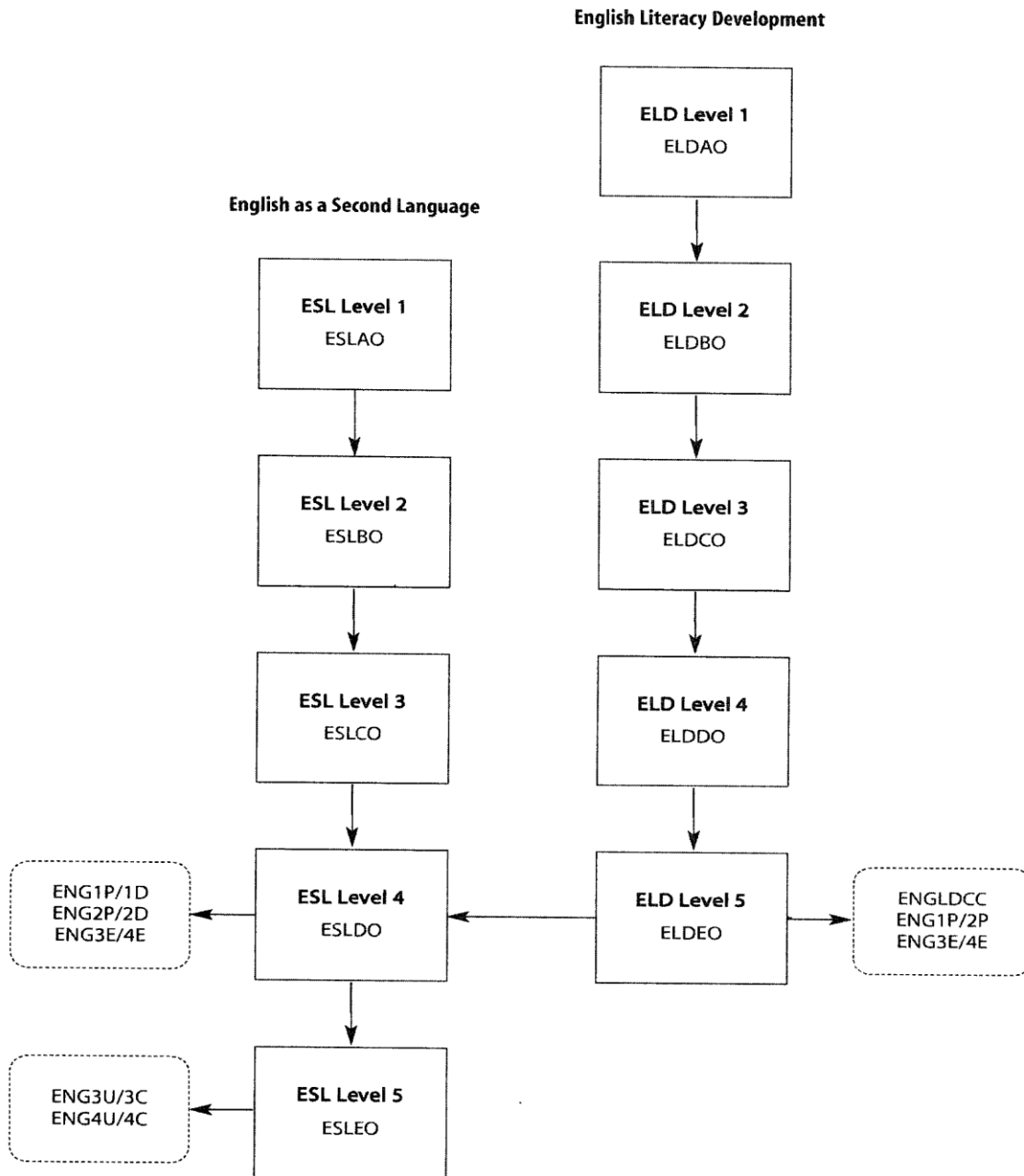
GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
1	ELDAOI Beginning Literacy	Open		This course is intended for English language learners who have limited access to schooling. Students will use basic listening and speaking skills to communicate in English for everyday purposes.
2	ELDBOI Basic Literacy Skills	Open		Students will use their developing listening and speaking skills to communicate orally.
3	ELDCOI Literacy in Everyday Life	Open		This course builds on students literacy and language skills and extends their abilities to communicate
4	ELDDOI Literacy for School & Work	Open		Students will develop the reading, writing, and oral presentation skills required for success in all school subjects.
5	ELDEOI English Literacy Development	Open	ELDDOI	This course provides students with skills and strategies that will allow them to pursue pathways to employment that may involve apprenticeship and/or cooperative education programs. This course is available to those in grade 10 or higher.
1	ESLAOI Beginning Communication I English	Open		This course is intended for students with beginning language skills. Students will use skills in listening, speaking, reading and writing
2	ESLBOI English in Daily Life	Open		This course continues the development of language skills for everyday life. Students will participate in conversations in structured situations.
3	ESLCOI English for School & Work	Open		This course prepares students to use English with increasing fluency and accuracy in classroom and social situations. Students will develop the reading, writing, and oral presentation skills required for success in all school subjects.
4	ESLDOI Study Skills in English	Open		This course provides students with the skills and strategies they need to make the transition to college and university preparation courses in English.
5	ESLEOI Bridge to English	Open	ESLDOI	This course provides students with the skills and strategies they need to make the transition to college and university preparation courses in English and other secondary school disciplines. Students will be encouraged to develop independence in a range of academic tasks. This course is available to those in grade 10 or higher.
9	AVI1OZ Visual Arts	Open		Students are exposed to a wide variety of art making materials in a language-learning context.
9	CGC1PZ Geography of Canada	Applied		This course helps students learn about Canada's regions and its place in the global community, while building language based skills.
9	GLS1OZ Learning Strategies	Open		This course focuses on basic language building skills in reading, writing and speaking.
9	HFN1OZ Food & Nutrition	Open		Students learn to appreciate global food tastes, healthy eating, food safety and preparation.
9	HIF1OZ Family & Social Living	Open		<b>NOTE:</b> this course is adapted from the HFN 10Z course and is suitable for new or emerging language learners.
9	MFM1PZ Mathematics	Applied		This course helps prepare students to make the transition to college and university preparation courses.
9	MAT1LZ Mathematics: preparing for grade 9	Essential		This course helps students develop mathematical knowledge and skills to prepare for success in their everyday lives. Focus is on developing foundational mathematical concepts and skills.
9	SNC1PZ Science	Applied		In this course students will be able to understand concepts in biology, chemistry, earth and space science.
9	SNC1LZ Science	Essential		This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science and the environment.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
10	ADA 20Z Dramatic Arts	Open		This course introduces active exploration of dramatic forms and techniques.
10	AVI 20Z Visual Arts	Open	AVI10Z	This course combines creativity and technical expertise. Students are exposed to a wide variety of art making materials.
10	CHC2PZ Canadian History	Applied		This course examines foundational events, which shape Canadian identity. Students will have opportunities to develop questions, locate information, and present ideas.
10	CHV20Z Civics & Citizenship	Open		This course explores what it means to be an informed, purposeful and active citizen in a democracy.
10	ELS20Z Literacy Skills: Reading and Writing	Open		This course emphasizes the strengthening of reading and writing skills, specifically those required for the Ontario Secondary School Literacy Test (OSSLT).
10	GLC20Z Career Studies	Open		This course teaches students how to develop and achieve personal goals for future learning, work, and community involvement.
10	GLE20Z Learning Strategies 2: Skills for Success	Open		This course deepens its focus on language building skills in reading, writing and speaking.
<b>The above courses offer curriculum content in the subject area with language support.</b>				

## English as a Second Language and English Literacy Development, Grades 9 -12

### Pathways to English

The chart below shows how most English language learners may progress through their ESL and/or ELD courses and into mainstream English courses. Not all students will follow this sequence exactly, and individual students may vary in the rate at which they progress through the levels.



## INTERNATIONAL LANGUAGES

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
10 Level 2	LWSBDI Spanish	Academic		This introductory Spanish course highlights practical vocabulary, language structures and culture.
10 Level 2	LWGBDI German	Academic		This introductory German course highlights practical vocabulary, language structures and culture.
11 Level 3	LWGCUI German	University	LWGBDI	German students will further develop their knowledge of the language, enhance their speaking skills and explore aspects of culture.
12 Level 4	LWGDUI German	University	LWGCUI	Communication and written skills will be enhanced. Literature and aspects of culture will be explored.

## FRENCH AS A SECOND LANGUAGE

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	FSF1DI Core French	Academic		This course provides opportunities for students to communicate and interact in French, with a focus on familiar topics related to their daily lives. Students will develop language knowledge and skills by using language-learning strategies and creative and critical thinking skills. They will also enhance their understanding and appreciation of diverse French-speaking communities.
9	FSF1PI Core French	Applied		This course provides opportunities for students to communicate and interact in French in structured situations on everyday topics. Students will develop language knowledge and skills through practical applications and concrete examples. They will also enhance their understanding and appreciation of diverse French communities.
10	FSF2DI Core French	Academic	FSF1DI	This course provides opportunities for students to communicate in French about personally relevant, familiar, and academic topics in real-life situations. Students will exchange information, ideas, and opinions with others in increasingly spontaneous interactions. They will increase their understanding and appreciation of diverse French-speaking communities.
10	FSF2PI Core French	Applied	FSF1PI or FSF1DI	The course provides opportunities for students to communicate in French about everyday matters and topics of personal interest in real-life situations. Students will develop their language knowledge and skills by using language-learning strategies to interpret texts and communicate clearly. They will increase their understanding and appreciation of diverse French-speaking communities.
11	FSF3UI Core French	University	FSF2DI	This course offers students opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their creative and critical thinking skills by responding to and exploring a variety of oral and written texts. They will broaden their understanding and appreciation of diverse French-speaking communities.
12	FSF4UI Core French	University	FSF3UI	This course provides extensive opportunities for students to speak and interact in French independently. Students will use language-learning strategies in real-life situations and will continue to develop their creative and critical thinking skills while interacting with a variety of oral and written texts. Students will enrich their understanding and appreciation of diverse French-speaking communities.

## FRENCH IMMERSION AND EXTENDED FRENCH COURSES

### Grade 9

**FIF1DI\***  
Français

**CGC1DF\***  
Géographie  
du Canada

**BTT1OF**  
Technologies  
de l'information  
et de la  
communication

**HFN1OF**  
Alimentation  
et nutrition

\*Compulsory Credits

### Grade 10

**FIF2DI\***  
Français

**CHC2DF\***  
Histoire du  
Canada

**GLC2OF\***  
Exploration  
de carrière  
(.5 credit)

**CHV2OF\***  
Civisme et  
citoyenneté  
(.5 credit)

**BTT2OF**  
Technologies  
de l'information  
et de la  
communication

**HFN2OF**  
Alimentation  
et nutrition

### Grade 11

**FIF/FEF3UI\***  
Français

**EPS3OF**  
L'art de  
parler et de  
présenter

**TFJ3CF**  
Hôtellerie et  
le tourisme

**CGF3MF**  
**E-learning**  
Géographie  
physique

**Co-op**  
(2 French  
credits)

### Grade 12

**FIF/FEF4UI\***  
Français

### Extended French

Students must complete *Français* courses in each grade, as well as at least 3 additional credits in French (totaling 7 credits in French) to receive an **Extended French Certificate**

### French Immersion

Students must complete *Français* courses in each grade, as well as at least 6 additional credits in French (totaling 10 credits in French) to receive a **French Immersion Certificate**

*The BTT1OF is the same as BTT2OF. Students can take either one, but **NOT BOTH**.  
The HFN1OF is the same as HFN2OF. Students can take either one, but **NOT BOTH**.*

# FRENCH IMMERSION AND EXTENDED FRENCH

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	BTT1OF Information & Communication Technology in Business	Open		This course follows the same curriculum as BTT1OI, but is offered in French for <b>French Immersion students</b> . This course is the same as BTT2OF. Students can take either one, but <b>NOT BOTH</b> .
9	CGC1DF Geography of Canada	Academic		This course follows the same curriculum as CGC1DI, but is offered in French for <b>French Immersion students</b> .
9	FIF1DI French Immersion	Academic	Grade 8 French Immersion or Extended French	This course enables students to speak and interact in French independently in real-life and personally relevant contexts. Students will enhance their knowledge of the language through the study of French-Canadian literature. They will also increase their understanding and appreciation of diverse French-speaking communities. <b>This Language Arts course is intended for French Immersion students.</b>
9	HFN1OF Food and Nutrition	Open		This course follows the same curriculum as HFN1OI, but is offered in French for <b>French Immersion students</b> . This course is the same as HFN2OF. Students can take either one, but <b>NOT BOTH</b> .
10	BTT2OF Information & Communication Technology in Business	Open		This course follows the same curriculum as BTT2OI, but is offered in French for <b>French Immersion students</b> . This course is the same as BTT1OF. Students can take either one, but <b>NOT BOTH</b> .
10	CHC2DF Canadian History Since World War I	Academic		This course follows the same curriculum as CHC2DI, but is offered in French for <b>French Immersion students</b> .
10	CHV2OF Civics & Citizenship	Open		This is a 0.5 required credit for all students. This course follows the same curriculum as CHV2OH, but is offered in French for <b>French Immersion students</b> .
10	FIF2DI French Immersion	Academic	FIF1DI	This course provides students with extensive opportunities to communicate interact and think critically and creatively in French. Students will develop their knowledge of the French language and culture through the study of contemporary and historically well-known French literature. They will enrich their understanding and appreciation of diverse French-speaking communities. <b>This Language Arts course is intended for French Immersion students.</b>
10	GLC2OF Career Studies	Open		This is a 0.5 required credit for all students. This course follows the same curriculum as GLC2OH, but is offered in French for <b>French Immersion students</b> .
10	HFN2OF Food & Nutrition	Open		This course follows the same curriculum as HFN1OI, but is offered in French for <b>French Immersion students</b> . This course is the same as HFN1OF. Students can take either one, but <b>NOT BOTH</b> .
11	EPS3OF Speaking and Presentation Skills	University College/		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 discussions, storytelling, recitations, interviews, and multimedia presentations. <b>This course is taught in French and is intended for French Immersion / Extended French students.</b>
11	FEF3UI Extended French	University	FIF2DI	This course provides opportunities to consolidate language-learning strategies and apply them in a variety of real-life contexts. Students will enhance their knowledge of the language and culture through the study of contemporary and well-known French European authors. They will also deepen their understanding and appreciation of diverse French-speaking communities. <b>This Language Arts course is intended for Extended French students.</b>
11	FIF3UI French Immersion	University	FIF2DI	This course provides opportunities for students to consolidate the communication skills required to speak and interact with confidence and accuracy in French. Students will increase their knowledge of the language and culture through the study of French literature from around the world. They will deepen their understanding and appreciation of diverse French-speaking communities. <b>This Language Arts course is intended for French Immersion students.</b>

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	TFJ3CF Hospitality and Tourism	College		This course follows the same curriculum as TFJ3CI but is offered in <b>French and is intended for French Immersion/Extended French students.</b>
11/12	COOPR3 Co-op for Immersion or Extended French Students	University	FIF3UI	A 3-credit co-operative education package is offered to French Immersion students. Prospective candidates will be interviewed prior to acceptance. Successful students will work in a French language environment as an educational assistant trainee in one of five French Immersion feeder schools for a half day in either semester (St. Andrews, Highland P.S., Clemens Mill, Hespeler Public or St. Noel de Chabanel). Students receive 2 credits in French for their co-op term and 1 additional credit in Community Services for their in-class portion of the course. Placement opportunities are limited and interviews for acceptance are competitive. Bonne chance!
12	FEF4UI Extended French	University	FEF3UI	This course emphasizes the consolidation of communication skills required to interact in French. Students will enhance their knowledge of the language and culture through the study of Canadian and international French literature. They will enrich their understanding and appreciation of diverse French-speaking communities. <b>This Language Arts course is intended for Extended French students.</b>
12	FIF4UI French Immersion	University	FIF3UI	This course provides students with extensive opportunities to communicate, interact, and think critically and creatively in French. Students will study a selection of French literature from the Middle Ages to the present. They will enrich their understanding and appreciation of diverse French-speaking communities. <b>This Language Arts course is intended for French Immersion students.</b>

## GUIDANCE AND CAREER EDUCATION

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
10	GLC2OH Career Studies	Open		This course teaches students how to develop and achieve personal goals for future learning and work. Students will assess their skills and interests and begin to explore the transition from high school to either work, apprenticeships, college or university.
11	GPP3OI Peer Support	Open	GLC2OH	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 role.

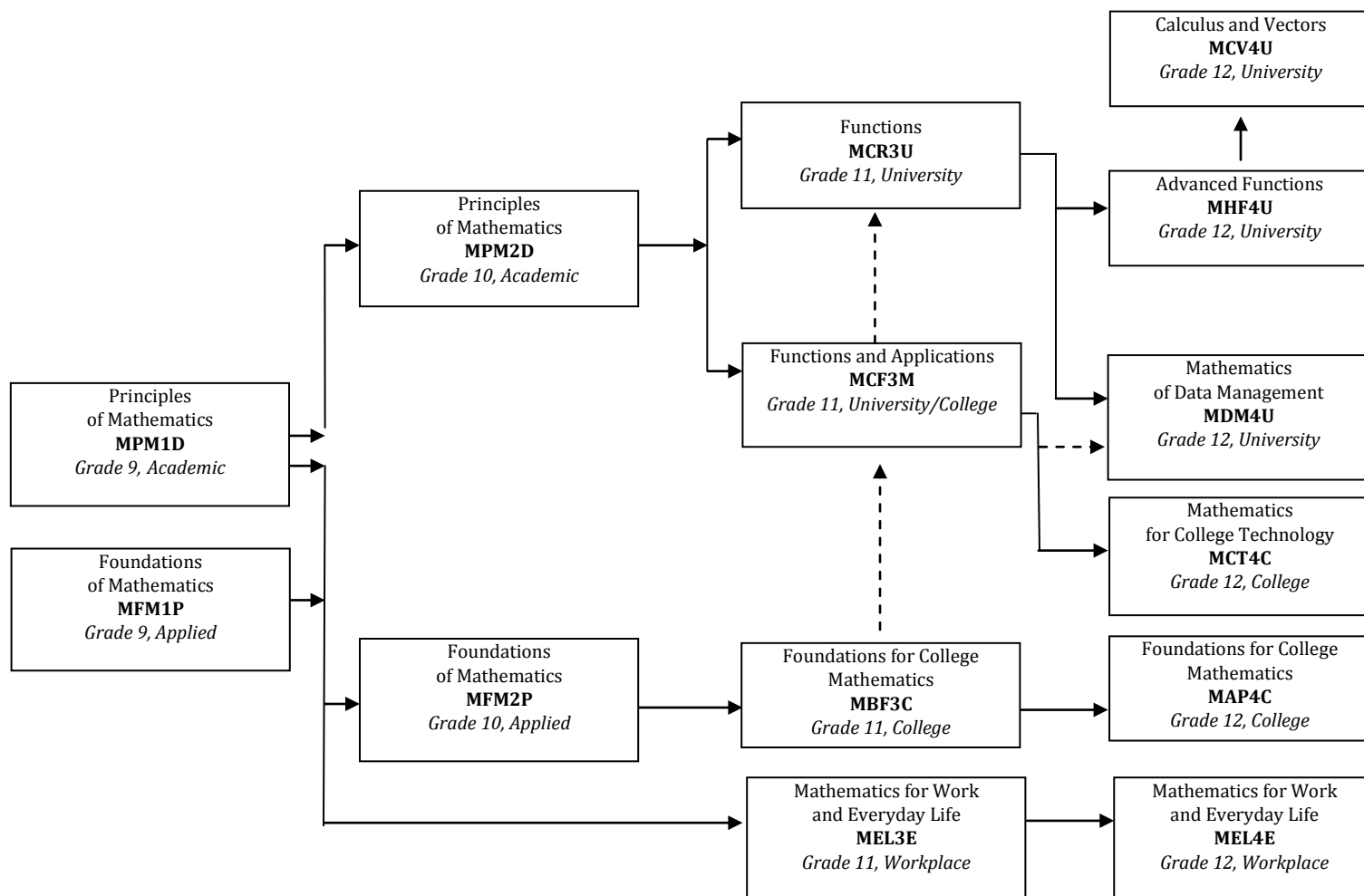
## INTERDISCIPLINARY STUDIES

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
12	IDC4OI Yearbook Applied Journalism	Open		Study journalism and publishing through practical real-life productions such as the school's yearbook, school event PowerPoint presentations and GCI's television broadcast 'GTV'. Learn news photography skills, page layout, story writing and photo caption construction. Create the yearbook online! <b>This course is part of the Design Magnet Package.</b>
12	IDC4UI Yearbook Editors	University		In addition to what is described in IDC4OI, experience journalism and publishing from an editor's point of view. Develop your leadership skills through planning, marketing, delegation of responsibilities, meeting budget and making deadlines. It's your yearbook...create it! <b>This course is part of the Design Magnet Package.</b>
12	IDC4UW Introduction to Architecture	University	Any M level or U level Grade 11 course	This program was developed in conjunction with the University of Waterloo's School of Architecture to introduce students to the fundamentals of design and presentation in Architecture. <b>This course is part of the Design Magnet Package.</b>

## Prerequisite Chart for Mathematics

### NOTE:

- Success in the Academic/University pathway requires prerequisite knowledge, skills and work ethic. A mark of 70% is recommended for future success.
- Students must successfully complete MHF4UI before taking MCV4UI.
- Taking MHF4UI concurrently with MCV4UI is strongly discouraged due to sequencing of topics.
- Pathways represented by - - - - - ► are discouraged, as students tend to lack the background necessary for success.



### MATHEMATICS

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	MFM1PI Mathematics	Applied		
9	MPM1DI Mathematics	Academic		
10	MFM2PI Mathematics	Applied	MPM1DI or MFM1PI	
10	MPM2DI Mathematics	Academic	MPM1DI	A minimum of 70% in MPM1DI is recommended.
11	MEL3EI Mathematics for Work and Everyday Life	Workplace	MFM1PI or MFM2PI	
11	MBF3CI Foundations for College Mathematics	College	MFM2PI or MPM2DI	MPM2DI or over 70% in MFM2PI is recommended.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	MCF3MI Functions & Applications	University/ College	MPM2DI or MBF3CI	MPM2DI is preferred.
11	MCR3UI Functions	University	MPM2DI	Over 70% in MPM2DI is recommended. If MPM2DI mark is less than 70%, taking MCF3MI before MCR3UI is recommended.
12	MEL4EI Mathematics for Work & Everyday Life	Workplace	MEL3EI	
12	MAP4CI Foundations for College Mathematics	College	MBF3CI, MCF3MI or MCR3UI	Over 60% in MBF3CI is recommended.
12	MCT4CI Mathematics for College Technology	College	MCF3MI or MCR3UI	
12	MDM4UI Mathematics of Data Management	University	MCR3UI or MCF3MI	MCR3UI is preferred.
12	MHF4UI Advanced Functions	University	MCR3UI	Over 70% in MCR3UI is recommended.
12	MCV4UI Calculus and Vectors	University	MHF4UI	Over 70% in MHF4UI is recommended. Students must successfully complete MHF4UI before taking MCV4UI.
Academic/University path requires an average of 70% or higher for success.				

## NATIVE STUDIES

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	NDA3MI Current Aboriginal Issues in Canada	University/ College	CHC2DI or CHC2PI	This course focuses on existing and emerging issues of importance to Aboriginal peoples in Canada. Students will investigate issues related to identity, language preservation, stereotypes, religion and artistic expression. Students will also examine such topics as, sovereignty [treaties], historical injustice, reserves and the need for dialogue between Aboriginal and non-Aboriginal peoples.
12	NDW4MI Issues of Indigenous Peoples in a Global Context	University/ College		This course provides an overview of the issues and challenges that confront indigenous peoples worldwide. Students will develop an understanding and appreciation of the fragility of Native culture in Canada and in the global community. Indeed, it might be said that the Age of Discovery and the advent of Euro-civilization was an impediment to the universal growth of Aboriginal communities.

## PHYSICAL AND HEALTH EDUCATION

Students may take more than one credit each year in Physical and Health Education in grade 9, 10, 11 or 12.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	PPL1OX Healthy Active Living - Female	Open	None	A focus on team and individual sports and activities. (basketball, volleyball, badminton, dance, interactive games, outdoor sports, fitness and weight training)
9	PPL1OY Healthy Active Living - Male	Open	None	A focus on team and individual sports and activities. (basketball, volleyball, football, badminton, outdoor sports, interactive games, ball hockey, fitness and weight training)
9	PPL1OI/PPL2OI Large Group Activities Hockey Skills – Co-ed	Open	None	This course may be taken in grade 9 or 10 and will focus on the development of hockey skills and related fitness and sports activities. You must have your own hockey equipment to participate. Due to facilities, there may be a limited enrolment.
10	PPL2OX Healthy Active Living - Female	Open	None	A continued focus on team and individual sports and activities, including dance.
10	PAF2OX Personal & Fitness Activities Live Fit I - Female	Open	None	Female students are encouraged to take personal responsibility for their own level of fitness through a variety of workout activities such as: badminton, bench stepping, boot camps, yoga, pilates, dance, circuits, games and weight training.
10	PAF2OY Personal & Fitness Activities Cross Fit - Male	Open	None	Cross Fit is a strength and conditioning course involving high intensity movements designed to improve all fitness levels. The overall focus involves a variety of cardiovascular conditioning activities with a mix of traditional phys-ed activities such as basketball, volleyball, ball hockey and other games.
10	PPL2OY Healthy Active Living - Male	Open	None	A continued focus on team and individual sports and activities. Leadership opportunities are given during warm-up and cool-down activities.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	PAF3OX Live Fit II - Female	Open	None	This course is designed to maximize personal health and wellness. Activities include bench stepping, boot camps, yoga, pilates, circuits, cardio and weight room days. A trip to the SPA is also included.
11	PAF3OY Powerfit - Male	Open	None	This course will focus on strength development and conditioning. It will teach proper weight lifting techniques and use of equipment. Students will design a personal fitness program that addresses their own fitness needs. A Flex pass will be included in the course enhancement fee.
11	PAL3OY Competitive Sports - Male	Open	None	Students may take this course in grade 11 and/or 12. A focus on team and individual sports being played at a higher degree of skill and competition.
11	PPL3OY Healthy Active Living - Male	Open	None	Activities include tennis, ball hockey, weight training as well as traditional team and individual sports.
11	PPZ3OI Health for Life – Co-ed	Open	None	This is an in-class course with no gym activities. Topics include: sexuality, drug abuse, healthy relationships, stress, alternative medicine, disease prevention, and personal awareness.
12	PPL4OI Healthy Active Living – Co-ed	Open	None	Individual programs are developed through a variety of choices such as: golfing, curling, beach volleyball, hockey, rowing, tennis, bowling and billiards, rock climbing, as well as traditional on-campus team and individual sports.
12	PLF4CI Recreation & Fitness Leadership – Co-ed	College	None	Students may take this course in grade 11 and/or 12. Students will be involved in organizing intramural activities at GCI, volunteer mentoring/coaching within the school and achieving a standard First-Aid and CPR C certification. Many off campus experiences, including a camping trip to Tobermory, tennis, bowling, curling and golf are available.
12	PSE4UI Exercise Science – Co-ed	University	A senior course in Science	This course prepares students for university or college programs in physical education, kinesiology, emergency services, life sciences, recreation and sports administration. Course includes lectures, labs and field trips.

NOTE: A \$25.00 fee for uniform and a course enhancement fee are required. Costs per course vary.

## SCIENCE

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	SNC1DI Science	Academic		Units of study are chemistry, electricity, ecology, and astronomy. Laboratory investigations are used to develop and verify scientific theories.
9	SNC1PI Science	Applied		Units of study are chemistry, electricity, ecology, and astronomy. Laboratory investigations are used to develop and verify scientific theories.
10	SNC2DI Science	Academic	SNC1DI or SNC1PI*	Units of study are cellular biology, chemical compounds, motion and climate change. *To help ensure student success, an application process exists for students who have taken SNC1PI and wish to take SNC2DI.
10	SNC2PI Science	Applied	SNC1DI or SNC1PI	Units of study are cellular biology, chemical compounds, motion and climate change.
11	SBI3CI Biology	College	SNC2DI or SNC2PI	Units of study are cellular biology, genetics, anatomy and physiology of animals, and microbiology (bacteria and viruses).
11	SBI3UI Biology	University	SNC2DI	Units of study are biological systems including cellular functions, genetic continuity, macromolecules, internal systems and regulations, diversity of living things and anatomy, growth, and functions of plants.
11	SCH3UI Chemistry	University	SNC2DI	It is recommended that students also enroll in MCR3UI or MCF3MI. Units of study are atomic structure, the periodic table, chemical equations and reactions, gas laws and solutions.
11	SPH3UI Physics	University	SNC2DI	It is recommended that students also enroll in MCR3UI or MCF3MI. Units of study are kinematics, forces, energy and society, waves, sounds and optics, and electricity and magnetism.
11	SVN3EI Science	Workplace	SNC1DI or SNC 1PI	Units of study revolve around environmental issues. Topics include human health, agriculture and forestry, energy conservation, waste management and societal issues pertaining to the environment.
11	SVN3MI Science	University/ College	SNC2DI or SNC2PI	This course is very suitable for, but not limited to, students who do not intend to pursue science programs at the post-secondary level. Units of study revolve around environmental issues. Topics include human health, agriculture and forestry, energy conservation, waste management and societal issues pertaining to the environment.
12	SBI4UI Biology	University	SBI3UI	Units of study include homeostasis, molecular genetics, evolution, population dynamics and metabolic processes. Current issues in health-related topics and laboratory study will be emphasized.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
12	SCH4CI Chemistry	College	SNC2DI or SNC2PI	Units of study include chemical reactions, organic chemistry, electrochemistry, chemical calculations, and chemistry in the environment.
12	SCH4UI Chemistry	University	SCH3UI	Units of study include organic chemistry, energy changes and rates of reaction, chemical systems and equilibrium, electrochemistry, atomic and molecular structure.
12	SES4UI Earth & Space Science	University	SNC2DI	Units of study include the philosophy of science, planetary and stellar formation, and earth dynamics including earthquakes and volcanoes, and earth's history. This course includes a backcountry-backpacking trek in Algonquin Park.
12	SPH4CI Physics	College	SNC2DI or SNC2PI	Units of study are mechanical systems, motion and its applications, electricity, hydraulics and pneumatics, and energy transformations. College level physics is activity and project-based and requires less mathematics than university physics.
12	SPH4UI Physics	University	SPH3UI	Units of study are vector kinematics and dynamics (including circular and projectile motion), momentum and energy, electromagnetism, the wave nature of light and matter – energy interface. This course will prepare students for university science/math programs.
<ul style="list-style-type: none"> <li>Students who wish to change streams from applied to academic or college to university may attempt to do so through an application process. Approval of their application, based on a set of minimum standards, is required before students will be allowed to change streams without taking the necessary prerequisites.</li> </ul>				

## SOCIAL SCIENCES AND HUMANITIES - FAMILY STUDIES

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	HFN1OI Food & Nutrition	Open	Also offered as HFN2OI	This course allows students to develop practical cooking skills by creating nutritious meals. It focuses on empowering students with the knowledge and skills necessary to live healthy and nutritious lifestyles. Topics covered include food safety, the importance of nutrition, making wise food choices, and local and global foods.
10	HFN2OI Food & Nutrition	Open	Same credit as HFN1OI	This course allows students to develop practical cooking skills by creating nutritious meals. It focuses on empowering students with the knowledge and skills necessary to live healthy and nutritious lifestyles. Topics covered include food safety, the importance of nutrition, making wise food choices, and local and global foods.
10	HIF2OI Exploring Family Studies	Open		This course is an introduction to Family Studies and provides students with a sampling of topics that are covered more thoroughly in other Family Studies courses. Topics include adolescent development, relationships, decision making and problem solving, managing resources, and consumer awareness. Students will also have an opportunity to develop and refine practical skills, such as meal preparation and sewing.
11	HLS3OI Housing and Home Design	Open		Where will I live? How much will it cost? How should I plan and decorate? These are all questions related to housing that each of us will ask someday. This course provides students with practical knowledge and skills that are required to make informed housing decisions and allows them to explore their creative side when designing floor plans.
11	HNC3CI Understanding Fashion	Open		Have you ever wanted to create something unique and reflective of your personal style? Why not learn how to sew? This course explores fashion design and construction, influences on fashion, fashion marketing, and the industry's effects on the environment. Several sewing projects will be completed throughout the course. <b>Added cost for sewing project materials.</b>
11	HPC3OI Raising Healthy Children	Open		Have you ever wondered why babies act the way they do? Maybe you've wondered what it would be like to be a parent. This course explores the early years (0-6) of child development. Topics covered include child growth and development, personal and social responsibilities of parents, child rearing around the world and social challenges. Students will also have the opportunity to gain practical experience with a baby simulator.
11	HPW3CI Working with Infants and Young Children	College		This course prepares students for occupations involving children aged 0-6. Topics covered include growth and development, employment opportunities and requirements, and social challenges. Students will also have the opportunity to plan age appropriate activities for young children, which they will then carry out in a playgroup setting.
11	HRT3MI World Religions & Belief Traditions: Perspectives, Issues, and Challenges	University/ College		This course enables students to investigate the 5 major religions of the world as well as an examination of Taoism, Sikhism and Atheism. Topical and interesting discussions are held daily as we address some of life's most meaningful questions regarding God, death, and existence. "Look within, thou art Buddha."

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
11	HSP3CI Introduction to Anthropology, Psychology, and Sociology	College		Areas of study include: personality, group dynamics, conflict, and deviant behavior. Students will learn about diverse subjects such as human origins, religious cults, and Rites of Passage. Film and daily discussion will provide the framework for the analysis of these and other topical issues. What is the difference between a psychopath and a sociopath? Kennedy knows!
11	HSP3UI Introduction to Anthropology, Psychology, and Sociology	University		Topics include: abnormal behavior, group dynamics, human conflict, cults, personality development and psychological disorders. This unique course offering encourages a steady diet of topical and lively discussion. Learn about Ivan Pavlov, Sigmund Freud, Phillip Zimbardo and others. "Am I normal?" let's take a look.
12	HFA4UI Nutrition and Health	University		This course enables students to examine the impact of food on energy balance, nutritional status, health, and disease. Students will also explore food trends and choices as well as local and global issues surrounding food. Participation in labs will allow students to examine the science behind the food they prepare.
12	HFA4CI Nutrition and Health	College		This course enables students to examine the relationship between nutrition and health as well as local and global issues related to food production. It looks at the factors surrounding food security and environmental responsibility. Students will learn about and prepare recipes that promote health and reduce disease.
12	HHG4MI Human Development Throughout the Lifespan	University/ College		This course examines the five areas of human development as well as intelligence and personality. Students will also explore a number of theories surrounding human development to help shed some light on human behaviour.
12	HHS4UI Families in Canada	University		This course analyzes the development of individuals, intimate relationships, and family and parent-child relationships from a sociological, psychological, and anthropological perspective. Students will examine issues and challenges facing individuals and families in Canada's diverse society from various theories. Social science research skills are used.
12	HHS4CI Families in Canada	College		This course will help students develop an understanding of social science theories as they relate to individuals and families in Canada's diverse society, and in different cultures. Students will examine trends and issues for individuals, intimate relationships and parent-child roles.
12	HIP4OI Personal Life Management	Open		Are you ready for the challenges and responsibilities that come with being an adult? This course prepares students to live and work independently. It focuses on teaching skills for managing personal resources like food, clothing, and housing. It explores personal, legal, and financial responsibilities and helps students develop the interpersonal skills needed to make responsible personal and occupational choices.
12	HNB4MI The World of Fashion	University/ College	HNC3CI recommended	Topics covered in this course include fashion history and influences, global textile production and the industry's social responsibility. Students will build on their existing design and fashion construction skills through the production of fashion products. <b>Added cost for sewing project materials.</b>
12	HZT4UI Philosophy: Questions & Theories	University		"To think or not to think", that is the question. Using the Ancient Greeks as a foundation, students will consider Metaphysics, Ethics, Epistemology and Existentialism. Learn about Socrates, Descartes, Nietzsche, Sartre and others. The culminating unit is centered on the Meaning of Life, if indeed one exists. Why take Philosophy? Why indeed!

## TECHNOLOGICAL EDUCATION - BROAD BASED TECHNOLOGY

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
9	TEJ1OI Computer Technology	Open	None	Curious about the cyber world and technology? This interactive course allows students to try a variety of challenges in computers and design. Explore such disciplines as creative communication media and computer programming.
9	TIJ1OI Integrated Technologies	Open	None	Learn by doing in this hands on program as you make projects in the Wood, Machine, and Auto shops. Take home finished projects out of wood and metal. Students will also perform work on small motors while learning automotive concepts.
10	TCJ2OI Construction Technology	Open	None	Learn to build! Construct take-home projects of wood while exploring key concepts in woodworking and construction.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
10	TDJ2OI Technological Design Engineering, Graphics & Animation	Open	None	Expose yourself to the endless possibilities of design in two popular disciplines. Develop, build and experiment with models using design concepts and techniques in the Technological Design portion. Explore the world of creative inspiration in an introduction to Computer Graphics and Animation. Engage yourself in the ideas behind the sights and sounds that we expose ourselves to everyday. <b>This course is recommended for those pursuing the GCI Design Magnet Package.</b>
10	TMJ2OI Manufacturing Technology	Open	None	Build metal projects while learning skills in machining, welding and sheet metal this hands on program in a well-equipped and modern shop. Students learn engineering concepts as well as programming computer controlled machines.
10	TTJ2OI Transportation Technology	Open	None	Hands on approach to basic vehicle maintenance and vehicle systems. Students design and fabricate transportation related products.
11	TCJ3CI Construction Technology	College	None	Build take-home wood projects and explore construction possibilities while learning more about basic residential construction including framing, electricity, plumbing and more.
11	TDJ3MI Technological Design- Engineering	University/ College	None	Explore vast opportunity in design and engineering. Research, design and build practical solutions that meet our everyday needs. Develop your visualizing, drawing and fabrication skills through practical, fun and challenging projects.
11	TEJ3EI Computer Technology	Workplace	None	Develop hands-on skills related to installing, maintaining and troubleshooting computer hardware and networks. Students will learn about apprenticeships and employment opportunities in computer technology.
11	TEJ3MI Computer Engineering Technology	University/ College	None	This course's topics include computer systems, networking, electronics, robotics and programming. Students will build systems that use computer programs and interfaces to control external devices.
11	TFJ3EI Hospitality & Tourism	Workplace	HFN1O/HFN2O recommended	Do you dream of a career in foodservice? This course focuses on the food and beverage sector of the tourism industry. There is a significant hands-on component that centers on food preparation and presentation. Students will develop and refine culinary skills and explore the ins and outs of the food and beverage industry. Do you have what it takes to be the next master chef?
11	TFJ3CI Hospitality & Tourism	College	HFN1O/HFN2O recommended	Wouldn't it be great to have a job that is easily transferrable no matter where you live in the world? Topics covered in this course include the tourism industry, menu creation, customer service, career opportunities, event planning, and food preparation and presentation. Students have the opportunity to develop and refine their culinary skills during food labs.
11	TGJ3MI Communications- Graphics & Animation	University/ College	None	Create concept art, design commercial graphics using airbrush and print, create computer animation graphics, and 3D imaging. Students will showcase a digital portfolio.
11	TMJ3CI Manufacturing Technology	College	None	Make metal projects using metal machining, welding, sheet metal and CNC equipment in a well-equipped shop. This is an excellent college level program for anyone thinking of college or a career in any metal related trade such as millwright or tool and die as well as students looking at entering an engineering field. This is a hands-on program-learn by doing!
11	TMP3CX Manufacturing Technology	College	TMJ3CI required	Same as TMJ 3CI, but a second credit, providing students with additional practical experience, further developing their skills and tool knowledge. <b>This course is recommended for students pursuing the OYAP program in Tool &amp; Die, Welding and Mill Wright.</b>
11	TTA3CX Transportation Technology	College	TTJ3CI required	This course is a second credit for TTJ3CI, providing students with more hands on practical experiences. This course will further develop student knowledge, practical skills, tool and equipment use through practical assignments on shop unit and customer vehicles. Recommended for students enrolled in Transportation, Coop, OYAP or Specialist High Skills Major.
11	TTJ3CI Transportation Technology	College	None	Learn a variety of hands-on processes used in the transportation industry to diagnose, repair, design and build transportation related models and challenges.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
12	TCJ4CI Construction Technology	College	TCJ3CI	Furniture, cabinet making and further study into modern construction practices including electricity, carpentry and masonry are all components of this course, preparing students for careers in construction.
12	TDJ4MI Technological Design, Engineering	University/ College	TDJ3MI	Create solutions to design challenges using the fundamental principles of design. Learn to communicate your innovations through drawing, model/prototype building and through computer applications including 3D software. Develop your problem solving skills as you explore Engineering Design, Product Development, Architectural Concepts and Marketing. <b>This course is a part of the Design Magnet Package.</b>
12	TEJ4EI Computer Technology	Workplace	TEJ3EI	Building on knowledge and skills from TEJ3EI, this course further develops students' practical understanding of computer hardware, software, networks and operating systems.
12	TEJ4MI Computer Engineering Technology	University/ College	TEJ3MI	Configure hardware and software and interface computers with external devices. Extend knowledge from TEJ3MI in the areas of electronics, robotics, programming, digital logic and networking.
12	TFJ4EI Hospitality & Tourism	Workplace	TFJ3E recommended	Do you dream of a career in foodservice? This course builds on students' knowledge and skills in relation to the food and beverage sector of the tourism industry. Students will refine their culinary skills by preparing and presenting finished food products. They will also plan nutritious menus and create recipes, develop customer service skills, and explore event planning and career opportunities. Do you have what it takes to be the next master chef?
12	TGJ4MI Communications- Graphics & Animation	University/ College	TGJ3MI	Design and develop commercial graphics, characters and environments, animation productions and graphic presentations. Students will showcase their work in a digital portfolio. <b>This course is part of the GCI Design Magnet Package.</b>
12	TMJ4CI Manufacturing Technology	College	TMJ3CI recommended	Produce metal projects in this college level program in a well-equipped and modern facility. Students with this credit will be prepared for multiple college program choices as well as excellent career opportunities in a number of licensed trades. Students will also gain practical experience for a future in engineering.
12	TMP4CX Manufacturing Technology	College	TMJ4CI required	Same as TMJ4CI, but a second credit allowing additional practical time and experience to further enhance hands on skills in welding and metal machining.
12	TTA4CX Transportation Technology	College	TTJ4CI required	This course is a second credit for TTJ4CI, providing students with more hands on practical experiences. This course will further develop student knowledge, practical skills, tool and equipment use through practical assignments on shop unit and customer vehicles. Recommended for students enrolled in Transportation, Co-op, OYAP or Specialist High Skills Major.
12	TTJ4CI Transportation Technology	College	TTJ3CI recommended	Diagnose and repair more difficult automotive problems, design and build transportation models and learn a variety of processes required to pursue a career in the transportation industry.

## COMPUTER STUDIES

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
10	ICS2OI Introduction to Computer Studies	Open	None	This course introduces students to Computer Studies. Topics covered include programming, hardware, software and basic networking. Students will also learn about the ethical, environmental and social issues related to computing.
11	ICS3CI Introduction to Computer Programming	College	None	Recommended for students planning to pursue Computer Studies at College. In this course students learn programming fundamentals to solve various problems. Topics will include basic game design and business applications.
11	ICS3UI Introduction to Computer Science	University	None	<b>Highly recommended for students planning to study Engineering or Computer Science at University.</b> Introduction to Computer Science gives students the opportunity to design software solutions by writing computer programs individually and in teams. Also covers environmental and ethical issues, emerging computer technology and career opportunities.

GRADE	COURSE	TYPE	PREREQUISITE	COURSE NOTES
12	ICS4CI Computer Programming	College	ICS3CI	This course further develops Computer Programming knowledge and skills, building on material from ICS3CI. Students solve more advanced problems related to graphics, business applications and game design.
12	ICS4UI Computer Science	University	ICS3UI	This course further develops Computer Science knowledge and skills, building on material from ICS3UI. Focuses on creating effective algorithms and management of a large-scale software project from start to finish

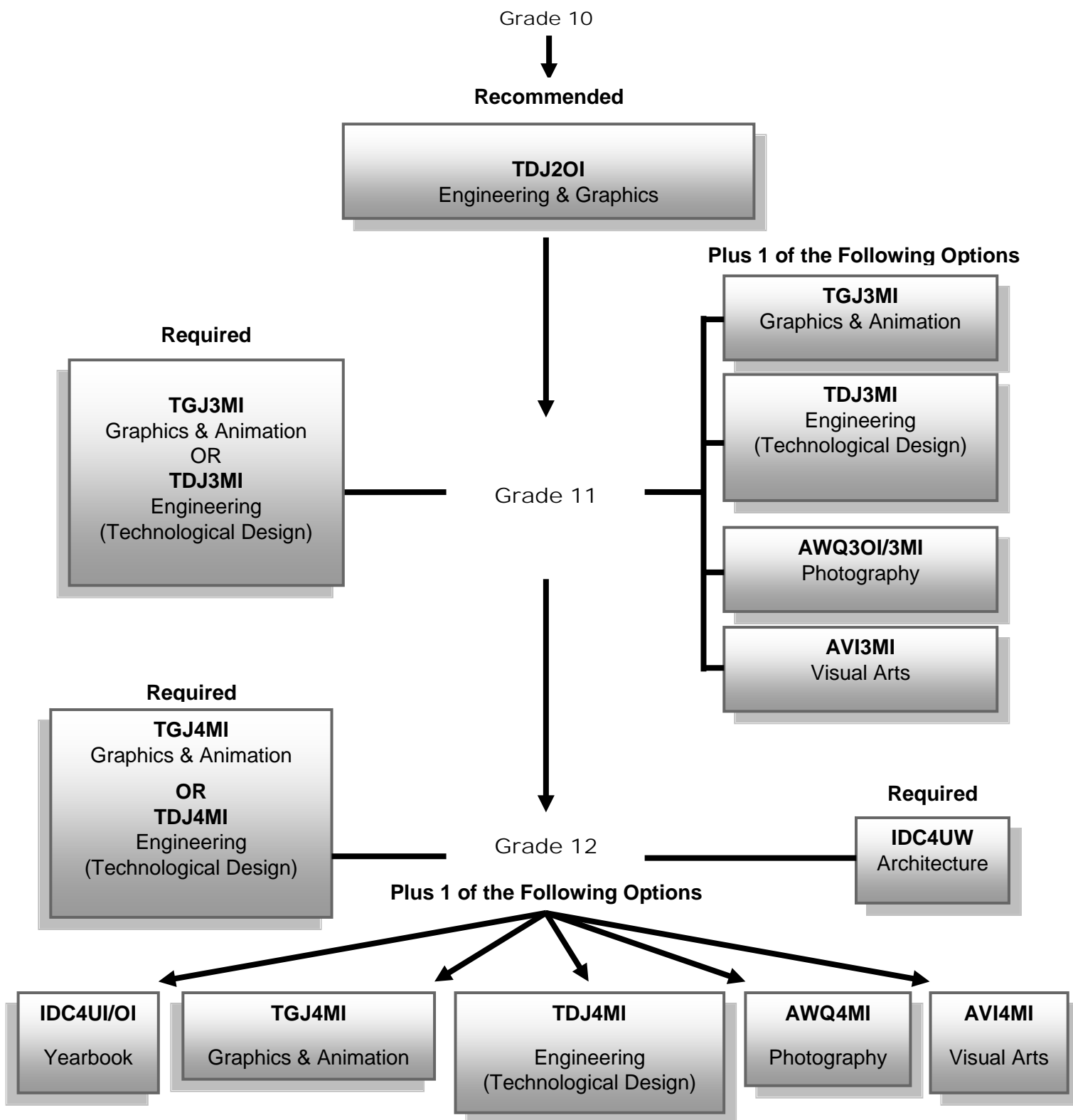


## DESIGN MAGNET

This exciting program is beneficial to students interested in design-oriented careers.

The package includes 3 mandatory credits (Gr. 11 & 12 Graphics & Animation or Engineering and Gr.12 Architecture) and 2 electives (Art, Photography and Yearbook). Successful students receive a Design Certificate which communicates to post-secondary institutions and employers that you have experience and expertise on projects and applications related to design. These skills will help you in disciplines such as Architecture, Graphics, Interior Design and Engineering.

Add this accomplishment to your resume!



## Dual Credits

Dual Credits offer students the opportunity to earn secondary and post-secondary credits at the same time.

The Waterloo Region District School Board offers 3 types of Dual Credits:

1. Advanced Standing: credits delivered fully in the secondary school
2. College Delivered Workplace: credits delivered partially or completely on the college campus
3. College Delivered Apprenticeship Preparation: credits delivered partially or completely on the college campus

Dual Credits are available to students in each of the four pathways: apprenticeship, college, university and workplace.

### 1. Advanced Standing Dual Credits

Advanced Standing Dual Credits are courses that have secondary school curriculum aligned with specified university or college courses. Students successfully completing the Advanced Standing Dual Credit course requirements which include a standardized assessment will receive both the secondary school credit and the specified university or college credit. The following chart indicates the courses currently available as Advanced Standing Dual Credits.

#### Advanced Standing University Dual Credits

Subject	Course Codes	University
Business Leadership: Management Fundamentals	BOH4UI BOH4UE	Wilfrid Laurier University (Brantford)
Analysing Current Economic Issues	CIA4UI CIA4UE	Wilfrid Laurier University
Earth and Space Science	SES4UI SES4UE	University of Waterloo

### 2. College Delivered Workplace Dual Credits

College delivered workplace Dual Credits offer students the opportunity to experience college while earning secondary credits. Students enrolled in these credits will attend Conestoga College and be registered as a college student. Eligible students participating in the Dual Credit Fundamentals programs will receive assistance (e.g., bus pass) for the commute to/from the college campus. There will be no cost to the student for tuition or textbooks.

#### College delivered Workplace Dual Credit Offerings are:

Subject	Course Codes
Brick and Masonry Fundamentals	YBRICK
Culinary (Cooking) Fundamentals	YCULIN
Mechanical (Plumbing and Heating) Fundamentals	YPLUMB

### 3. College Delivered Apprenticeship Preparation Dual Credits

Students wishing to pursue their apprenticeship may choose the College Delivered Preparation Apprenticeship Dual Credit program in Grade 12. This program allows the student to work in their chosen sector and to complete 2 college credits in their sector at Conestoga College while earning their Ontario Secondary School Diploma requirements.

Apprenticeship Preparation credits will be applied to the first year college program in the related sector (e.g.- Automotive Service Technician, Cook, etc.)

#### College Delivered Apprenticeship Preparation Dual Credit Offerings are:

College Program and Credit Availability	Course Codes
Automotive Service Technician - 2 college credits	OYAUTO
Early Childhood Education - 2 college credits	OYECED
Truck and Coach Technician - 2 college credits	OYTRUC
Cook – 2 college credits	OYCOOK
Welding – 2 college credits	OYMETL

## Ontario Youth Apprenticeship Program (OYAP), Dual Credits and High Skills Major

### Ontario Youth Apprenticeship Program (OYAP)

The Ontario Youth Apprenticeship Program is a program funded through the Ministry of Training, Colleges & Universities. It was implemented to increase awareness of technological and skilled trade careers. OYAP provides students the opportunity to gain hands-on, practical training that will assist with their career OYAP programs begin in Grade 11 and are a good career exploration option.

What OYAP Programs are available?

The following is a list of OYAP programs offered at GCI:

- Construction Trades
- Automotive Trades
- Machinist
- Tool and Die Maker
- Welder/Fitter

## Specialist High Skills Major Program

Specialist High Skills Majors are ministry-approved specialized programs that allow students to focus their learning on a specific job sector. GCI offers Specialist High Skills Majors (SHSM) in **Information & Communication Technology (ICT), Transportation and Business.**

### Advantages of a SHSM

Students will:

- Build a foundation of sector-focused knowledge and skills
- Take part in “Reach Ahead” experiences which will teach them more about the field
- Acquire sector-recognized certifications and/ or training courses
- Receive a SHSM red seal on their graduation diploma

### Required Courses for the ICT Specialist High Skills Major

4 Grade 11 or 12 Major Credits from: TEJ3EI, TEJ3MI, TGJ3MI, TDJ3MI, ICS3CI, ICS3UI, AWQ3OI, AWQ3MI, ASM3OI, TEJ4EI, TEJ4MI, TGJ4MI, TDJ4MI, ICS4CI, ICS4UI, AWQ4MI

Grade 11 or 12 English

Grade 11 or 12 Maths

One Business, Art or Science from: AVI3OI, AVI3MI, BAF3MI, BDI3CI, BMI3CI, BTA3OI, SBI3CI, SBI3UI, SPH3UI, SCH3UI, SVN3EI, SVN3MI, BBB4MI, BOH4MI, SCH4CI, SNC4EI, SES4UI, SPH4CI

2 Co-Op credits

### Required Courses for the Transportation Specialist High Skills Major

4 Grade 11 or 12 Major Credits from: TEJ3EI, TEJ3MI, TMJ3MI, TTJ3CI, TTJ3OI, TTA3CX, TEJ4EI, TEJ4MI, TMJ4MI, TTJ4CI, TTA4CX

English: ENG3CI, ENG3UI or ENG4EI

Math: MEL3EI, MAP4CI, MCT4CI, MDM4UI, or MHF4UI

One Business or Science from: BAF3MI, BDI3CI, BMI3CI, BTA3OI, SBI3CI, SBI3UI, SVN3EI, SVN3MI, SCH3UI, SPH3UI, BBB4MI, BOH4MI, SCH4CI, SES4UI, SNC4EI, SPH4CI

2 Co-op Credits

### Required Courses for the Business Specialist High Skill Major

4 Grade 11 or 12 Major Credits from: BAF3MI, BDI3CI, BMI3CI, BTA3OI, CLU3MI, from BAT4MI, BBB4MI, BOH4MI, CIA4UI, CLN4UI

Grade 11 or 12 English

Grade 11 & 12 Math

2 Co-Op credits

For more information see your Guidance Counsellor