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Please note that in addition to the course descriptions listed above, the beginning of the calendar includes information regarding the Ontario Secondary School Diploma requirements, course prerequisites, course listings by grade, and admission requirements for university and college.

GRADE NINE, TEN , ELEVEN & TWELVE COURSES

Course Coding System

Each course has a 5 character code:

⇒The 1st 3 characters refer to the subject: CHC

(means Canadian History)

⇒The 4th character refers to the grade level: CHC2 (2 means grade 10)

⇒The 5th character refers to the course type: CHC2D (D means academic)

⇒There may be a 6th character code to denote certain features of the course:

CHC2DF (F means the course is being offered in French)

ARTS

Dramatic Arts

Dramatic Arts, Grade 10

(Open)

ADA20

This course requires students to actively explore dramatic forms and techniques, using their own ideas and concerns as well as sources selected from a wide range of authors, genres, and cultures. Student learning will include identifying and using the principles of space, time, voice, and movement in creating, sustaining and communicating authentic roles within a drama. Students will assume responsibility for decisions made in., the creation and presentation of the drama, and will analyse and reflect on the experience.

Dramatic Arts, Grade 11

(University/College Preparation) ADA3M

This course requires students to put together and perform dramatic presentations that deal with a variety of issues from the past and present. Students will analyse, interpret, and perform works of drama from various cultures, including Western plays from around 1900. Students will also do research on different acting styles and conventions for their presentations, create original works, and analyse the functions of playwright, director, actor, technician, and audience.

Dramatic Arts, Grade 12

(University/College Preparation) ADA4M

This course requires students to experiment with forms and conventions in dramatic literature, and to create, script, and present original and adapted 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 interpreting dramatic literature, including Canadian works and works from various cultures in the late twentieth century. Students will also examine the significance of dramatic arts in various cultures

Prerequisite:ADA3M.

ARTS

Music Instrumental

Music, Grade 9

(Open) AMI10

This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity, and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use.

Music, Grade 10

(Open) AMI20

This course emphasizes performance of music at an intermediate level that strikes a balance between challenge and skill. Student learning will include participating in creative activities and listening perceptively. Students will also be required to develop a thorough understanding of the language of music, including the elements, terminology, and history.

Prerequisite: AMI10

Music, Grade 11

(University/College Preparation) AMI3M

This course emphasizes the appreciation, analysis, and performance of various kinds of music, including baroque and classical music, popular music, and Canadian and non-Western music. Students will perform technical exercises and appropriate repertoire, complete detailed creative activities, and analyse and evaluate live and recorded performances. They will continue to increase their understanding of the elements of music while developing their technical and imaginative abilities.

Prerequisite: AMI20

Music, Grade 12

(University/College Preparation) AMI4M

The main objective of this course will be to prepare students for further studies in instrumental music at university, college or school of music.

The history of music will continue along with several listening units. Theory will be furthered and students will be assisted with the preparation for conservatory exams if they are interested.

In this course, students will have the opportunity to perform in large and small ensembles, as well as a soloist. Taking an active role in the music groups within the department will be highly recommended.

Prerequisite: AMI3M

Music Vocal

Vocal Music, Grade 10

(Open) AMV20

This course emphasizes performance of vocal music that strikes a balance between challenge and skill. Student learning will include group and individual singing instruction and proper breathing technique and tone production for good vocal technique.

Vocal Music, Grade 11

(University/College Preparation) AMV3M

This course is a continuation of AMV20. Students will continue to develop their vocal technique together and as individuals. Sight reading will be furthered and applied to choral and solo music. The history of vocal music, including listening units, will continue in this course. Students at this level will be encouraged to sing in a different language and to take part in the choir. There will be opportunities to attend concert and musicals held throughout the year, so as to see others perform and be exposed to a variety of music styles.

Prerequisite: AMV20

ARTS

Vocal Music, Grade 12**(University/College Preparation) AMV4M**

The main objective of this course will be to prepare students for further studies in vocal music at university, college or school of music.

The history of music will continue along with several listening units. Theory will be furthered and students will be assisted with the preparation for conservatory exams if they are interested.

In this course, students will have the opportunity to perform in large and small ensembles, as well as a soloist. Taking an active role in the music groups within the department will be highly recommended

Prerequisite:AMV3M

Keyboard Music, Grade 11**(Open) AMK3O**

This introductory course allows students to progress at their own level. Music listening, creative activities and theory will be included in the course. Students will be provided with keyboards.

Musical Theatre, Grade 11**(University/College Preparation)AMT3M**

The course will emphasize the study of early musical theatre from the 1920's through to our present time. Students will also study the components that go into making a musical. A major project for this class will be the production of a musical. Each student will be expected to participate in the many areas of staging a musical.

Prerequisite: AMI10 or AMV20 or permission from the instructor

Visual Arts**Visual Arts, Grade 9****(Open) AVI1O**

This course offers an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials through working with a range of materials, processes, techniques, and styles. They will learn and use methods of analysis and criticism and will study the characteristics of particular historical art periods and a selection of Canadian art and the art of other cultures.

Visual Arts, Grade 10**(Open) AVI2O**

This course emphasizes learning through practice; building on what students know; and introducing them to new ideas, materials, and processes for artistic thinking and experimentation. Student learning will include the refined application of the elements and principles of design, incorporating the creative and design processes, and the relationship between form and content. Students will also learn about the connections between works of art and their historical contexts. Course objectives may be achieved either through a comprehensive program or through a program focused on a particular art form (e.g., drawing, painting).

Visual Arts, Grade 11**(University/College Preparation) AVI3M**

This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities, and will consolidate their practical skills. Students will also analyse art works and study aspects of Western art history, as well as Canadian art forms and art forms from various parts of the world.

Prerequisite: AVI10 or AVI20

Visual Arts, Grade 12**(University/College Preparation) AVI4M**

This course focuses on the refinement of students' skills and knowledge in visual arts. Students will analyse art forms; use theories of art in analysing and producing art; and increase their understanding of stylistic changes in Western art, Canadian (including Native Canadian) art, and art forms from various parts of the world. Students will produce a body of work demonstrating a personal approach.

Prerequisite: AMI3M

BUSINESS

Information Technology

Computer Applications, Grade 9 (Open) BTT10

This course introduces students to the use of information technology in a business environment. Students will learn how to use information technology in a work environment, perform electronic research, communicate electronically, and use common business software. They will also explore possible future occupations in information technology.

Information Technology Applications in Business, Grade 11 (Open) BTA30

This course provides students with the opportunity to develop the information technology skills and knowledge required in a business. Students will learn about the information technology work environment, use industry-standard software, conduct electronic research, investigate electronic business, and explore occupations and post secondary programs that require information technology skills.

Information Technology in Business, Grade 12 (College Preparation) BTX4C

This course provides students with the opportunity to develop further the information technology knowledge and skills needed in the business world. Students will develop their understanding of electronic business environments, improve their skills in electronic research and in using business application software in the preparation of business documents, manage information, and apply project team management strategies.

Prerequisite:BTA30

General Business

Introduction to Business, Grade 10 (Open) BBI20

This course introduces students to the world of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and/or international scale. Students will also learn concepts and skills related to personal finance, entrepreneurship, and international business.

Accounting

Introduction to Financial Accounting, Grade 11 (University/College Preparation) BAF3M

This course introduces students to the fundamental principles and procedures of accounting, with emphasis on accounting procedures used in service and merchandising businesses. Students will develop an understanding of the connections between financial analysis, control, and decision making in the management of a business, as well as the effects of technology and globalization on accounting procedures and the role of the accountant.

Introduction to Accounting, Grade 11 (Workplace Preparation) BAI3E

This course introduces students to the use of accounting in business. Students will study various types of businesses and business ownership, and ways in which accounting procedures are applied in the different types of businesses with regard to recording transactions, preparing financial statements, and analysing the process of cash management. They will learn about risks related to credit sales and about the collection of debts, and will use accounting software.

BUSINESS

Principles of Financial Accounting, Grade 12 (University/College Preparation) BAT4M

This course emphasizes study of accounting principles related to financial statements. Students will learn about ways in which information in these statements is used in making business decisions, and about the effects on financial statements of using different methods of inventory valuation and adjusting and reversing entries. Students will also study various means of financing a business and ways in which the strength of a corporation can be determined through the reading of its annual report.

Prerequisite:BAF3M

Entrepreneurial Studies

Introduction to Entrepreneurial Studies ,Grade 11 (College Preparation) BDI3C

This course focuses on ways in which entrepreneurs recognize opportunities, generate ideas, and organize resources to plan successful ventures that enable them to achieve their personal goals by satisfying the needs of others. Students will learn about values, traits, and skills most often associated with successful entrepreneurial activity.

Marketing

Introduction to Marketing, Grade 11 (College Preparation) BMI3C

This course introduces the fundamental concepts of marketing, with an emphasis on in-depth analysis of the influence of changes in the economy and global marketplace, trends and issues, and the impact of technology. Students will analyse the buying patterns of various consumers and the effect of marketing strategies, and will engage in marketing research. Students will also develop and present a marketing plan for a specific product.

International Business

Introduction to International Business, Grade 12 (University/College Preparation) BBB4M

This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with marketing, distribution, and managing international business effectively.

Prerequisite: Any university, university/college, or college preparation course in business studies, or Canadian and world studies.

BUSINESS

Organizational Studies

**Organizational Studies: Organizational Behaviour and Human Resources, Grade 12
(University/College Preparation)**

BOH4M

This course focuses on ways in which organizations deal with issues affecting their competitiveness in a changing technological and global business environment. Students will analyse various leadership techniques, and study various issues such as ethics in business, social responsibility, management of group dynamics, uses of information technology, workplace stress and conflict, motivation of employees, and globalization. Students will also investigate the management of a diverse workforce within an organization and the importance of strategic planning

***Prerequisite:* Any university, university/college, or college preparation course in business studies, or Canadian and world studies.**

Organizational Studies: Managing a Small Business, Grade 12 (Workplace Preparation) BOG4E

This course focuses on the core skills and concepts required to manage a small business. Students will deal with various aspects of operations management, such as inventory, marketing, financial issues, communication, and human resources. Students will also explore the challenges facing small businesses, including hiring and training, motivating employees, and complying with legal requirements.

CANADIAN AND WORLD STUDIES

Geography

Geography of Canada, Grade 9**(Academic)
CGC1D**

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. Students will investigate the interconnections between the environment and human activities in Canadian ecozones in order to understand Canada's diversity and role in the world.

Geography of Canada, Grade 9**(Applied)
CGC1P**

This course draws upon students' everyday experiences and uses a variety of frameworks, including ecozones, to help students learn about the geography of Canada and the country's place in the global community. Students will investigate the interconnections among the country's landforms, climate, soils, plants, animals, and human activities in order to understand Canada's physical character and diversity, and various kinds of interactions.

Regional Geography: Travel and Tourism, Grade 11 (Open)**CGG30**

This course focuses on travel and tourism to examine the unique characteristics of selected world regions from a geographic perspective. Students will develop an understanding and appreciation of the ways in which the natural environments, economies, cultures, and other aspects of world regions interact.

***Prerequisite:* CGC1D or CGC1P**

Canadian and World Issues: A Geographic Analysis, Grade 12 (University Preparation) CGW4U

This course draws on geographic concepts, skills, methods, and technologies to analyse significant issues facing Canadians as citizens of an interdependent world. Students will examine the challenges of creating a sustainable and equitable future through the study of a range of topics, including economic interdependence; geopolitical conflict; regional disparities in the ability to meet basic human needs; and protection of the planet's life-support systems.

***Prerequisite:* Any university, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies.**

Civics**Civics, Grade 10****(Open)****CHV20**

The Civics course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy and the meaning of democratic citizenship in local, national, and global contexts. In addition, students will learn about social change, examine decision-making processes in Canada, explore their own and others' beliefs and perspectives on civics questions, and learn how to think and act critically and creatively about public issues.

***Please Note:* The Civics course is worth 0.5 credit and is run in conjunction with the Career Studies course**

CANADIAN AND WORLD STUDIES**Economics****Analysing Current Economic Issues, Grade 12****(University Preparation)****CIA4U**

This course explores the choices that individuals and societies make about the use of resources in a competitive global economy. Students will use economic concepts and models, as well as methods of economic inquiry, to analyse current

economic issues and make informed economic choices based on their analysis.

Prerequisite: Any university, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

History

Canadian History in the Twentieth Century, Grade 10 (Academic) CHC2D

This course explores Canadian participation in global events and traces our development as a country through changes in population, economy, and technology. Students will analyze the elements that constitute Canadian identity, learn the stories of both individuals and communities, and study the evolution of political and social structures. Students will learn about differing interpretations of the past, and will come to understand the importance in historical studies of chronology and cause-and-effect relationships. They will also learn to develop and support a thesis, conduct research and analysis, and effectively communicate the results of their inquiries.

Canadian History in Twentieth Century, Grade 10 (Applied) CHC2P

This course traces Canadian history from Wilfrid Laurier's pronouncement that the twentieth century belongs to Canada to the United Nations' recognition of Canada as one of the best countries in which to live. Students will learn about various expressions of Canadian identity, the stories of individuals and communities, and changes in political and social structures. Students will discover the importance in historical studies of chronology and cause-and-effect relationships. As well, they will be given opportunities to formulate appropriate questions, develop informed opinions, and present information in a variety of ways.

World History to the Sixteenth Century, Grade 11 (University/College Preparation) CHW3M

This course investigates the history of humanity from earliest times to the sixteenth century. Students will analyse diverse societies from around the world, with particular regard to the political, cultural, and economic structures and historical forces that form the foundation of the modern world. They will examine the influence of selected individuals and groups, as well as of particular innovations, and will develop skills of historical inquiry, organization, analysis, and communication.

Prerequisite: CHC2D or CHC2P

CANADIAN AND WORLD STUDIES

World History: The West and the World, Grade 12 (University Preparation) CHY4U

This course investigates the major trends in Western civilization and world history from the sixteenth century to the present. Students will learn about the interaction between the emerging West and other regions of the world and about the development of modern social, political, and economic systems. The skills and knowledge developed in this course will enable the student to understand and appreciate both the character of historical change and the historical roots of

contemporary issues.

Prerequisite: Any university, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

World History: The West and the World, Grade 12 (College Preparation) CHY4C

This course explores the history of the world since the sixteenth century, emphasizing the interaction between the emerging West and other regions of the world. Students will learn about a variety of economic, social, and political systems and the changes they have undergone over time. Students will acquire sound skills of historical inquiry and will develop an appreciation of the forces that have formed our modern world

Prerequisite: Any university, or university/college, or college preparation course in social sciences and humanities, English, or Canadian and world studies

History (Interdisciplinary Studies, Grade 12 (University) IDC4U

This course will focus on a comparative analysis of Canada and the United States from pre-contact to the present. It will examine the social, political, cultural and economic development of the two countries and their relationships with other nations. National and international political issues will be examined as well as the relationship of these two countries with their Aboriginal peoples. The evolution of a national identity in both nations and their interrelationships over the years will also be stressed. This course combines expectations from the following 3 courses in addition to those for an interdisciplinary course: **CHI4U, CHA4U, CPW4U.**

Prerequisite: Any university or university/college course in social science and humanities, English, or Canadian and World Studies.

CANADIAN AND WORLD STUDIES

Law

**Understanding Canadian Law, Grade 11 (University/College Preparation) CLU3
M**

This course explores legal issues that directly affect students' lives. Students will acquire a practical knowledge of Canada's legal system and learn how to analyse legal issues. They will also be given opportunities to develop informed opinions on legal issues and to defend those opinions and communicate legal knowledge in a variety of ways and settings, including legal research projects, mock trials, and debates.

Prerequisite: CHC2D or CHC2P

Understanding Canadian Law, Grade 11

(Workplace Preparation)

CLU3E

This course explores elements of Canadian law that are relevant to students as they prepare to enter the labour force. Students will learn to develop informed opinions on legal issues and to express and defend their opinions in a variety of ways. Practical experience and active learning strategies will be emphasized.

Prerequisite: CHC2D or CHC2P

Canadian and International Law, Grade 12 (University Preparation)

CLN4U

This course explores elements of Canadian law and the role of law in social, political, and global contexts. Students will learn about the connections between the historical and philosophical sources of law and issues in contemporary society. They will also learn to analyse legal issues, conduct independent research, and communicate the results of their inquiries in a variety of ways.

Prerequisite: Any university, or university/college preparation course in social sciences and humanities, English, or Canadian and world studies

Politics (Interdisciplinary Studies), Grade 12

(University Preparation)

IDC4U

This course will focus on a comparative analysis of Canada and the United States from pre-contact to the present. It will examine the social, political, cultural and economic development of the two countries and their relationships with other nations. National and international political issues will be examined as well as the relationship of these two countries with their Aboriginal peoples. The evolution of a national identity in both nations and their interrelationships over the years will also be stressed. This course combines expectations from the following 3 courses in addition to those for an interdisciplinary course: **CHI4U, CHA4U, CPW4U.**

Prerequisite: Any university or university/college course in social science and humanities, English, or Canadian and World Studies.

CLASSICAL AND INTERNATIONAL LANGUAGES

Spanish, Level 1

(Academic)

LWSAD

This course is designed to enable students to begin to communicate with native speakers of Spanish. Students will use simple language and read age- and language- appropriate passages for various purposes. They will explore aspects of the culture of countries where Spanish is spoken, including social customs and the arts, by participating in cultural events and activities involving both print and technological resources.

Spanish, Level 2

**(Academic) LWSB
D**

This course will build on the language skills acquired in LWSAD. The students will learn to use Spanish in a broad range of situations and communicate with a variety of audiences. Listening, reading, speaking and writing skills will be stressed. Students will continue to acquire an appreciation of the culture of Spanish speaking people throughout the world. Reading selections, learning activities, and cultural topics which suit the interests of the students will be used.

Prerequisite: LWSAD

ENGLISH

English, Grade 9**(Academic)****ENG1D**

This course emphasizes the analytical reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs and their daily lives. Students will study and interpret texts from contemporary and historical periods, including short stories, poems, and short essays, and will investigate and create media works. An important focus will be the correct and effective use of spoken and written language.

English, Grade 9**(Applied)****ENG1P**

This course emphasizes key reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. Students will study plays, short stories, and newspaper and magazine articles, and will describe and create media works. An important focus will be the correct use of spoken and written language.

English, Grade 9**(Locally Developed)****ENG14W**

This course emphasizes key reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. Students will study plays, short stories, and newspaper and magazine articles, and will describe and create media works. An important focus will be the correct use of spoken and written language. In particular the program works toward preparing students to enter the grade eleven English Workplace Preparation course. Course activities will help develop confidence and self- esteem and provide motivation for students to succeed in school and life. *Permission to register in this course is based upon recommendation of the Special Education Department*

English Grade 9**(Locally Developed)****ENG14**

This course emphasizes key reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. An important focus will be the correct use of spoken and written language. In particular the program works toward preparing students to enter the grade eleven English Workplace Preparation course. Course activities will help develop confidence and self- esteem and provide motivation for students to succeed in school and life. This course is designed for students desiring a certificate program and extends over two years (9 / 10) for a single credit *Permission to register in this course is based upon recommendation of the Special Education Department.*

English, Grade 10**(Academic)****ENG2D**

This course extends the range of analytic, reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs. Students will study and interpret challenging texts from contemporary and historical periods, including novels, poems, plays, and opinion pieces, and will analyze and create effective media works. An important focus will be the thoughtful use of spoken and written language.

Suggested prerequisite: ENG1D

English, Grade 10**(Applied)****ENG2P**

This course extends the range of key reading, writing, oral communication, and thinking skills that students need for success in all areas of the curriculum. Students will study novels, poems, magazines, and reports, and will describe, design, and produce effective media works. An important focus will be the clear and coherent use of spoken and written language.

ENGLISH**English, Grade 10****(Locally Developed) ENG24W**

This course builds on the skills and concepts developed in the grade nine course. It will better prepare students who plan

to enter the English Workplace Preparation course. The ultimate goal of the course is to enhance students' literacy. *Permission to register in this course is based upon recommendation of the Special Education Department.*

COMPULSORY COURSES (Students **must** select one of ENG3U, ENG3C, or ENG3E)

English, Grade 11 (University Preparation) **ENG3U**
This course emphasizes the development of literacy, critical thinking, and communication skills. Students will analyse challenging texts, both contemporary and historical; conduct research and analyse the information gathered; write persuasive and literary essays; and analyse the relationship among media forms, audiences, and media industry practices. An important focus will be on understanding the development of the English language. ***Prerequisite:* ENG2D**

English, Grade 11 (College Preparation) **ENG3C**
This course emphasizes the development of literacy, critical thinking, and communication skills. Students will study the content, form, and style of informational texts and literary works from Canada and other countries; write reports, correspondence, and persuasive essays; and analyse media forms, audiences, and media industry practices. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity. ***Prerequisite:* ENG2P**

English, Grade 11 (Workplace Preparation) **ENG3E**
This course emphasizes the development of literacy, critical thinking, and communication skills. Students will study the content, form, and style of informational texts and literary works; write explanations, letters, and reports; and investigate the connections among media forms, audiences, and media industry practices. An important focus will be on using language clearly, accurately, and effectively in a variety of contexts. ***Prerequisite:* ENG2P**

COMPULSORY COURSES (Students **must** select one of ENG4U, ENG4C, or ENG4E)

English, Grade 12 (University Preparation) **ENG4U**
This course emphasizes consolidation of literacy, critical thinking, and communication skills. Students will analyse a range of challenging texts from various time periods, countries, and cultures; write analytical and argumentative essays and a major paper for an independent literary research project; and apply key concepts to analyse media works. An important focus will be on understanding academic language and using it coherently and confidently in discussion and argument. ***Prerequisite:*ENG3U**

ENGLISH

English, Grade 12 (College Preparation) **ENG4C**
This course emphasizes consolidation of literacy, critical thinking, and communication skills. Students will analyse informational texts and literary works from various time periods, countries, and cultures; write research reports,

summaries, and short analytical essays; complete an independent study project; and analyse the interactions among media forms, audiences, and media industry practices. An important focus will be on establishing appropriate style and using business and technical language effectively.

Prerequisite:ENG3C

English, Grade 12 (Workplace Preparation) ENG4E

This course emphasizes consolidation of literacy, critical thinking, and communication skills. Students will study informational texts and literature from various countries and cultures; write summaries, reports, résumés, and short essays; complete an independent research project; and explain the connections among media forms, audiences, and media industry practices. An important focus will be on using specialized language related to the workplace accurately and coherently in appropriate contexts.

Prerequisite:ENG3E

OPTIONAL COURSES

Literacy Skills: Reading and Writing, Grade 11 (Open) ELS30

This course emphasizes the strengthening of essential reading and writing skills. Students will read short plays, short stories, novels, poems, and newspaper and magazine articles and opinion pieces, with particular attention to locating important information, identifying main ideas and supporting details, extending personal knowledge, responding imaginatively, and using specific strategies to expand vocabulary. An important focus will be on writing clear, accurate, and coherent narratives, summaries, reports, letters, and short essays, using correct grammar, punctuation, and spelling.

Prerequisite: ENG2P or ENG2D

Studies in Literature, Grade 12 (University Preparation) ETS4U

This course is for students with a special interest in literature and literary criticism. The course may focus on themes, genres, time periods, or countries. Students will analyse a range of forms and stylistic elements of literary texts and respond personally, critically, and creatively to them. They will also assess critical interpretations, write analytical essays, and complete an independent study project.

Prerequisite:ENG3U

ENGLISH

The Writer's Craft, Grade 12 (University Preparation) EWC4U

This course emphasizes knowledge and skills related to the craft of writing. Students will analyse models of effective writing; use a workshop approach to produce a range of works; identify and use techniques required for specialized forms of writing; and identify effective ways to improve the quality of their writing. They will also complete a major paper as

part of a creative or analytical independent study project, and investigate opportunities for publication and for writing careers.

Prerequisite:ENG3U

Ontario Secondary School Literacy Course ,Grade 12 (Open)

OLC40

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.

Eligibility requirement : Students who have been eligible to write the OSSLT at least twice and who have been unsuccessful at least once are eligible to take the course. This course will satisfy the OSSLT requirement and count as a grade 12 compulsory English course. Permission to take this course must be granted by the guidance counsellor or principal.

FRENCH (CORE)

Core French, Grade 9

(Academic)

FSF1D

This course emphasizes the further development of oral communication, reading, and writing skills. Students will build on and apply their knowledge of French while exploring variety of themes, such as relationships, trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping stones to oral and written activities.

Core French, Grade 9

(Applied)

FSF1P

This course emphasizes the further development of oral communication skills, using the theme of media; the development of oral communication skills will be integrated with the development of reading and writing skills. Students will expand their ability to understand and speak French through conversations, discussions, and presentations. They will also read media-related short stories, articles, poems, and songs and write brief descriptions, letters, dialogues, and invitations.

Core French, Grade 10

(Academic)

FSF2D

This course enables students to increase their knowledge of the French language, further develop their language skills, and deepen their understanding and appreciation of francophone culture around the world. Exploring a variety of themes, students will develop and apply critical thinking skills in discussion, in their analysis and interpretation of texts, and in their own writing.

Core French, Grade 10

(Applied)

FSF2P

This course emphasizes the further development of oral communication, reading, and writing skills using a broad-based theme such as adolescence. Students will expand their knowledge of French by studying a series of theme-related topics, such as students' rights and responsibilities, relationships with peers and adults, and part-time jobs.

Core French, Grade 11

(University Preparation)

FSF3U

This course draws on a variety of themes to promote extensive development of reading and writing skills and to reinforce oral communication skills. Students will gain a greater understanding of French-speaking cultures in Canada and around the world through their reading of a variety of materials, including a short novel or a play. Students will produce various written assignments, including a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: FSF2D

Core French, Grade 12

(University Preparation)

FSF4U

This course draws on a variety of themes to promote extensive development of French-language skills. Students will consolidate their oral skills as they discuss literature, culture, and current issues. They will read a variety of texts and will write a formal essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: FSF3U

FRENCH (IMMERSION)

French Immersion, Grade 9 (Academic) **FIF1DF**

This course enables students to expand their language knowledge and skills through the study of twentieth-century North American Francophone literature and culture. Students will participate in oral communication, reading, and writing activities as they study a novel and selected poems, legends, songs, films, and newspaper articles from the French-speaking world in North America.

Geography of Canada, Grade 9 (Academic) **CGC1DF**

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. Students will investigate the interconnections between the environment and human activities in Canadian ecozones in order to understand Canada's diversity and role in the world.

Healthy Active Living Education, Grade 9 (Open) **PPF1OF (female)**
PPM1OF (male)

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

French Immersion, Grade 10 (Academic) **FIF2DF**

This course enables students to increase their knowledge of the French language and to further develop their language skills through the study of twentieth-century European francophone literature and culture. Students will participate in oral communication, reading, and writing activities based on a variety of French literary and media works. They will study at least one novel and a selection of poems, short stories, films, and newspaper and magazine articles.

***Prerequisite:* FIF1DF**

Canadian History in the Twentieth Century, Grade 10 (Academic) **CHC2DF**

This course explores Canadian participation in global events and traces our development as a country through changes in population, economy, and technology. Students will analyze the elements that constitute Canadian identity, learn the stories of both individuals and communities, and study the evolution of political and social structures. Students will learn about differing interpretations of the past, and will come to understand the importance in historical studies of chronology and cause-and-effect relationships. They will also learn to develop and support a thesis, conduct research and analysis, and effectively communicate the results of their inquiries.

FRENCH (IMMERSION)

Civics, Grade 10 (Open) **CHV2OF**

The Civics course explores what it means to be an informed, participating citizen in a democratic society. Students will

learn about the elements of democracy and the meaning of democratic citizenship in local, national, and global contexts. In addition, students will learn about social change, examine decision-making processes in Canada, explore their own and others' beliefs and perspectives on civics questions, and learn how to think and act critically and creatively about public issues.

Please Note: The Civics course is worth 0.5 credit and is run in conjunction with the Career Studies course.

Career Studies, Grade 10

(Open)

GLC20F

The *Career Studies* course teaches students how to develop and achieve personal goals in education and work and contribute to their communities. Student learning will include assessing their own knowledge, skills, and characteristics and investigating economic trends, workplace organization, work opportunities, and ways to search for work. The course explores postsecondary learning options, and prepares students for community-based learning, and helps them build the capabilities needed for managing work and life transitions. Students will design action plans for pursuing their goals.

Please Note: The Career Studies course is worth 0.5 credit and is run in conjunction with the Civics course.

Food and Nutrition, Grade 10

(Open)

HFN20F

This course explores the factors that affect attitudes and decisions about food, examines current issues of body image and food marketing, and is grounded in the scientific study of nutrition. Students will learn how to make informed food choices and how to prepare foods, and will investigate our Canadian food heritage and food industries, as well as global food issues. The course also introduces students to research skills related to food and nutrition.

Healthy Active Living Education, Grade 10

(Open)

PPF20F (Female)

PPM20F (Male)

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

French Immersion, Grade 11

(University Preparation) FIF3UF

This course develops knowledge and language skills through the study of francophone literature and culture from around the world. Students will study novels, plays, poems, short stories, films, and non-fiction works and produce written assignments in a variety of forms, including critiques and précis. They will also write a formal research essay. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite: FIF2DF

FRENCH (IMMERSION)

Dramatic Arts, Grade 11

(University/College Preparation) ADA3MF

This course requires students to put together and perform dramatic presentations that deal with a variety of issues from the past and present. Students will analyse, interpret, and perform works of drama from various cultures, including

Western plays from around 1900. Students will also do research on different acting styles and conventions for their presentations, create original works, and analyse the functions of playwright, director, actor, technician, and audience.

Introduction to Anthropology, Psychology, and Sociology, Grade 11 **HSP3MF**
(University/College Preparation)

This course introduces the theories, questions, and issues that are the major concerns of anthropology, psychology, and sociology. Students will develop an understanding of the way social scientists approach the topics they and the research methods they employ. Students will be given opportunities to explore theories from a variety of perspectives and to become familiar with current thinking on a range of issues that have captured the interest of classical and contemporary social scientists in the three disciplines.

French Immersion, Grade 12 **(University Preparation)** **FIF4UF**

This course provides for extensive study of French literature and culture from the Middle Ages to the present. Students will study novels, plays, poems, films, and non-fiction works produced in various historical periods, and will write a formal research paper. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

Prerequisite:FIF3UF

Challenge and Change in Society, Grade 12 **(University/College Preparation)** **HSB4MF**

This course examines the theories and methodologies used in anthropology, psychology, and sociology to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will analyse cultural, social, and biological patterns in human societies, looking at the ways in which those patterns change over time. Students will also explore the ideas of classical and contemporary social theorists, and will apply those ideas to the analysis of contemporary trends.

Prerequisite:FIF2DF

GUIDANCE AND CAREER EDUCATION

General Learning Strategies Grade 9 **(Open)** **GLE10**

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

course is based on approval from the Special Education Department.

Career Studies, Grade 10

(Open)

GLC20

The *Career Studies* course teaches students how to develop and achieve personal goals in education and work and contribute to their communities. Student learning will include assessing their own knowledge, skills, and characteristics and investigating economic trends, workplace organization, work opportunities, and ways to search for work. The course explores postsecondary learning options, and prepares students for community-based learning, and helps them build the capabilities needed for managing work and life transitions. Students will design action plans for pursuing their goals.

Please Note: The Career Studies course is worth 0.5 credit and is run in conjunction with the Civics course

Leadership and Peer Support, Grade 11 (Open)

GPP30

This course prepares and motivates students to provide leadership and assistance to others in their schools and communities. Students will develop skills in communication, interpersonal relations, coaching, leadership, teamwork, and conflict management, and apply them in roles such as tutoring, mentoring, and student council involvement. Students also learn the value and complexity of social diversity, while acquiring an appreciation of the importance of contributing to their communities and helping others throughout their lives.

HEALTH AND PHYSICAL EDUCATION

Healthy Active Living Education, Grade 9 (Open)

PPF10 (Female)

PPM10 (Male)

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

communication, and social skills.

Healthy Active Living Education, Grade 10 (Open)

PPF20 (Female)

PPM20 (Male)

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

Healthy Active Living Education, Grade 11 (Open)

PPF30 (Female)

PPM30 (Male)

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

Personal and Fitness Activities, Grade 11 (Open)

PPZ30 (Female only)

This is an alternative physical education course for senior girls. The course offers activities such as: low impact aerobics, speed walking, biking, skating, community activities and in class topics on nutrition, self-esteem.

Healthy Active Living Education, Grade 12 (Open)

PPL40

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

Exercise Science, Grade 12 (University Preparation)

PSE4U

This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sports, and the factors that influence an individual's participation in physical activity. The course prepares students for university programs in physical education, kinesiology, recreation, and sports administration.

Prerequisite: PPM30 or PPF30 or Any grade 11 science (university or university/college preparation)

HEALTH AND PHYSICAL EDUCATION

Outdoor Activities, Grade 12

(Open)

PAD40

A variety of outdoor adventures (i.e. snow shoeing and orienteering) will be provided to help students to gain skill and knowledge. Students will be challenged by day hiking trips and outdoor field trips. Environmental ethics, wilderness and leadership problems are researched as components of this course. Outdoor safety and survival techniques will be an integral part of this course. Students will be required to make a monetary commitment of a minimum of \$40.00.

Prerequisite: PPM20 or PPF20

MATHEMATICS

Principles of Mathematics, Grade 9

(Academic)

MPM1D

This course enables students to develop generalizations of mathematical ideas through exploration of applications, the effective use of technology, and abstract reasoning. Students will investigate relationships to develop equations of straight lines in analytic geometry, explore relationships between volume and surface area of objects in measurement, and apply extended algebraic skills in problem solving.

Foundations of Mathematics, Grade 9

(Applied)

MFM1P

This course enables students to develop mathematical ideas and abstract reasoning through exploration of applications, the effective use of technology, and extended experiences with hands-on activities. Students will investigate relationships of straight lines in analytic geometry, solve problems involving the measurement of 3-dimensional objects and 2-dimensional figures, and apply key numeric and algebraic skills in problem solving. Students will also have opportunities to consolidate core skills and deepen their understanding of key mathematical concepts.

Mathematics Grade 9

(Locally Developed)

MAT14W

This course enables students to develop mathematical ideas and through exploration of applications, the effective use of technology, and extended experiences with hands-on activities. Students will also have opportunities to review and consolidate core skills and deepen their understanding of key mathematical concepts. In particular the program works toward preparing students to enter the grade eleven Mathematics Workplace Preparation course. Course activities will help develop confidence and self- esteem and provide motivation for students to succeed in school and life. *Permission to enrol in this course is based upon approval from the Special Education Department*

Mathematics Grade 9

(Locally Developed)

MAT14

This course enables students to develop mathematical ideas and skills through exploration of applications, the effective use of technology, and extended experiences with hands-on activities. Students will also have opportunities to review and consolidate core skills and deepen their understanding of key mathematical concepts. In particular the program works toward preparing students to enter the grade eleven Mathematics Workplace Preparation course. The course activities will help develop confidence and self- esteem and provide motivation for students to succeed in school and life. This course is designed for students desiring a certificate program and extends over two years (9 / 10) for a single credit *Permission to enrol in this course is based upon approval from the Special Education Department*

Principles of Mathematics, Grade 10

(Academic)

MPM2D

This course enables students to broaden their understanding of relations, extend their skills in multi-step problem solving, and continue to develop their abilities in abstract applications. Students will solve and apply linear systems and solve multi-step problems in analytic geometry to verify properties of geometric figures. They will investigate the trigonometry of right and acute triangles and develop supporting algebraic skills.

Suggested prerequisite: MPM1D

MATHEMATICS

Foundations of Mathematics, Grade 10 (Applied)**MF2P**

This course enables students to consolidate their understanding of key mathematical concepts through hands-on activities and to extend their problem solving experiences in a variety of applications. Students will solve problems involving proportional reasoning and the trigonometry of right angles; investigate applications of piecewise linear functions; solve and apply systems of linear equations; and solve problems involving quadratic equations. The effective use of technology in learning and in solving problems will be the focus of the course.

Mathematics Grade 10 (Locally Developed)**MAT24**

This course builds on the skills and concepts developed in the grade nine course. It will better prepare students who plan to enter the Mathematics Workplace Preparation course. The ultimate goal of the course is to enhance students' mathematical knowledge and further develop their computational skills and problem solving ability. *Permission to enrol in this course is based upon approval from the Special Education Department*

Functions and Relations, Grade 11 (University Preparation)**MCR3U**

This course introduces some financial applications of mathematics, extends students' experiences with functions, and introduces second-degree relations. Students will solve problems in personal finance involving applications of sequences and series; investigate properties and applications of trigonometric functions; develop facility in operating with polynomial, rational, and exponential expressions; develop an understanding of inverses and transformations of functions; and develop facility in using function notation and in communicating mathematical reasoning. Students will also investigate loci and the properties and applications of conics.

Prerequisite: MPM2D (with a mark of 75% recommended)

Functions, Grade 11 (University/College Preparation)**MCF3M**

This course introduces some financial applications of mathematics and extends students' experiences with functions. Students will solve problems in personal finance involving applications of sequences and series; investigate properties and applications of trigonometric functions; develop facility in operating with polynomial, rational, and exponential expressions; develop an understanding of inverses and transformations of functions; and develop facility in using function notation and in communicating mathematical reasoning.

Prerequisite: MPM2D (with a mark of 60% recommended)

Mathematics of Personal Finance, Grade 11 (College Preparation)**MBF3C**

This course enables students to broaden their understanding of exponential growth and of important areas of personal finance. Students will investigate properties of exponential functions and develop skills in manipulating exponential expressions; solve problems and investigate financial applications involving compound interest and annuities; and apply mathematics in making informed decisions about transportation, accommodation, and career choices.

Prerequisite: MF2P

Mathematics for Everyday Life, Grade 11 (Workplace Preparation)**MEL3E**

This course enables students to broaden their understanding of mathematics as it is applied in important areas of day-to-day living. 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.

Prerequisite: MPM1D or MF1P

MATHEMATICS**Advanced Functions and Introductory Calculus, Grade 12 (University Preparation)****MCB4U**

This course builds on students' experience with functions and introduces the basic concepts and skills of calculus. Students will investigate and apply the properties of polynomial, exponential, and logarithmic functions; broaden their understanding of the mathematics associated with rates of change; and develop facility with the concepts and skills of differential calculus as applied to polynomial, rational, exponential, and logarithmic functions. Students will apply these skills to problem solving in a range of applications.

Prerequisite: MCR3U or MCF3M

Geometry and Discrete Mathematics, Grade 12 (University Preparation) MGA4U

This course enables students to broaden mathematical knowledge and skills related to abstract mathematical topics and to the solving of complex problems. Students will solve problems involving geometric and Cartesian vectors, and intersections of lines and planes in three-space. They will also develop an understanding of proof, using deductive, algebraic, vector, and indirect methods. Students will solve problems involving counting techniques and prove results using mathematical induction.

Prerequisite:MCR3U

Mathematics of Data Management, Grade 12 (University Preparation) MDM4U

This course broadens students' understanding of mathematics as it relates to managing information. Students will apply methods for organizing large amounts of information; apply counting techniques, probability, and statistics in modelling and solving problems; and carry out a culminating project that integrates the expectations of the course and encourages perseverance and independence. Students planning to pursue university programs in business, the social sciences, or the humanities will find this course of particular interest.

Prerequisite:MCR3U or MCF3M

College and Apprenticeship Mathematics, Grade 12 (College Preparation) MAP4C

This course equips students with the mathematical knowledge and skills they will need in many college programs. Students will use statistical methods to analyse problems; solve problems involving the application of principles of geometry and measurement to the design and construction of physical models; solve problems involving trigonometry in triangles; and consolidate their skills in analysing and interpreting mathematical models.

Prerequisite:MBF3C or MCR3U or MCF3M

Mathematics for College Technology, Grade 12 (College Preparation) MCT4C

This course equips students with the mathematical knowledge and skills needed for entry into college technology programs. Students will investigate and apply properties of polynomial, exponential, and logarithmic functions; solve problems involving inverse proportionality; and explore the properties of reciprocal functions. They will also analyse models of a variety of functions, solve problems involving piecewise-defined functions, solve linear-quadratic systems, and consolidate key manipulation and communication skills.

Prerequisite:MCR3U or MCF3M

MATHEMATICS

Mathematics for Everyday Life, Grade 12 (Workplace Preparation) MEL4E

This course enables students to broaden their understanding of mathematics as it is applied in important areas of day-to-day living. Students will use statistics in investigating questions of interest and apply principles of probability in familiar situations. They will also investigate accommodation costs and create household budgets; solve problems involving estimation and measurement; and apply concepts of geometry in the creation of designs. **Prerequisite:MEL3E**

SCIENCE

Science, Grade 9

(Academic)

SNC1D

This course enables students to understand essential concepts in biology, chemistry, earth and space science, and physics; to develop skills in the processes of scientific inquiry; and to relate science knowledge to technological, social, and environmental knowledge. Students will learn about scientific theories and pursue inquiries related to cell division and reproduction, atomic and molecular structures, properties of elements and compounds, the universe and space exploration, and the principles of static and current electricity.

Science, Grade 9

(Applied)

SNC1P

This course enables students to understand essential concepts in biology, chemistry, earth and space science, and physics; to develop practical skills in scientific investigation; and to apply their knowledge of science to everyday situations. Students will design and conduct investigations into practical problems and issues related to cell division and reproduction, the structure and properties of elements and compounds, astronomy and space exploration, and static and current electricity

Science Grade 9

(Locally Developed)

SNC 14W

This course enables students to understand essential concepts in biology, chemistry, earth and space science and to develop practical skills in scientific investigation; and to apply their knowledge of science to everyday situations. Students will also have opportunities to review and consolidate core skills and deepen their understanding of key Scientific concepts. In particular the program works toward preparing students to enter the grade eleven Science Workplace Preparation course. The course activities will help develop confidence and self- esteem and provide motivation for students to succeed in school and life. *Permission to enrol in this course is based upon approval from the Special Education Department*

Science Grade 9

(Locally Developed)

SNC 14

This course enables students to understand essential concepts in science and to develop practical skills in scientific investigation; and to apply their knowledge of science to everyday situations. Students will also have opportunities to review and consolidate core skills and deepen their understanding of key Scientific concepts. In particular the program works toward preparing students to enter the grade eleven Science Workplace Preparation course. The course activities will help develop confidence and self- esteem and provide motivation for students to succeed in school and life. This course is designed for students desiring a certificate program and extends over two years (9 / 10) for a single credit *Permission to enrol in this course is based upon approval from the Special Education Department*

Science, Grade 10

(Academic)

SNC2D

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics; to develop further skills in scientific inquiry; and to understand the interrelationships among science, technology, and the environment. Students will conduct investigations and understand scientific theories related to: ecology and the maintenance of ecosystems; chemical reactions, with particular attention to acid-base reactions; factors that influence weather systems; and motion.

Suggested prerequisite: SNC1D

SCIENCE

Science, Grade 10**(Applied)****SNC2P**

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics; to develop further their practical skills in scientific investigation; and to apply their knowledge of science to real world situations. Students will design and conduct investigations into everyday problems and issues related to ecological sustainability, chemical reactions, weather systems, and motion

Science Grade 10**(Locally Developed)****SNC 24W**

This course builds on the skills and concepts developed in the grade nine course. It will better prepare students who plan to enter the Science Workplace Preparation course. The ultimate goal of the course is to enhance students' scientific literacy by promoting the fundamental goals of science education. *Permission to enrol in this course is based upon approval from the Special Education Department*

Science, Grade 11**(Workplace Preparation)****SNC3E**

This course provides students with the science-related knowledge and skills they need to help them make informed decisions in the workplace and in their personal lives. Students will explore a range of topics, including materials and safety; electrical circuits; micro-organisms; the human immune system and defences against disease; and the impact of technology on the environment. Emphasis is placed on relating these topics directly to students' experiences both in the world of work and in daily life.

Prerequisite: SNC1D or SNC1P

Science, Grade 12**(Workplace Preparation)****SNC4E**

This course provides students with the science-related knowledge and skills they need to help them make informed decisions in the workplace and in their personal lives. Students will explore a range of topics, including chemistry at home and at work; communications technology; medical technology; horticulture, forestry, and gardening; and alternative life-sustaining environments. Emphasis is placed on relating these topics directly to students' experiences both in the world of work and in daily life.

Prerequisite:SNC3E

Biology**Biology, Grade 11****(University Preparation)****SBI3U**

This course furthers students' understanding of the processes involved in biological systems. Students will study cellular functions, genetic continuity, internal systems and regulation, the diversity of living things, and the anatomy, growth, and functions of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation.

Prerequisite: SNC2D

SCIENCE**Biology, Grade 11****(College Preparation)****SBI3C**

This course focuses on the processes involved in biological systems. Students will learn concepts and theories as they

conduct investigations in the areas of cellular biology, microbiology, animal anatomy and physiology, plant structure and physiology, and environmental science. Emphasis will be placed on the practical application of concepts and skills needed for further study in the various branches of life sciences and related fields.

Prerequisite: SNC2D or SNC2P

Biology, Grade 12

(University Preparation)

SBI4U

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

Prerequisite:SBI3U

Chemistry

Chemistry, Grade 11

(University Preparation)

SCH3U

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

Prerequisite: SNC2D

Chemistry, Grade 12

(University Preparation)

SCH4U

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

Prerequisite:SCH3U

Chemistry, Grade 12

(College Preparation)

SCH4C

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

Prerequisite:SNC2P or SNC2D

SCIENCE

Physics

Physics, Grade 11

(University Preparation)

SPH3U

This course develops students' understanding of the basic concepts of physics. Students will study the laws of dynamics and

explore different kinds of forces, the quantification and forms of energy (mechanical, sound, light, thermal, and electrical), and the way energy is transformed and transmitted. They will develop scientific-inquiry skills as they verify accepted laws and solve both assigned problems and those emerging from their investigations. Students will also analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

Prerequisite: SNC2D

Physics, Grade 12

(University Preparation)

SPH4U

This course enables students to deepen their understanding of the concepts and theories of physics. Students will explore further the laws of dynamics and energy transformations, and will investigate electrical, gravitational, and magnetic fields; electromagnetic radiation; and the interface between energy and matter. They will further develop inquiry skills, learning, for example, how the interpretation of experimental data can provide indirect evidence to support the development of a scientific model. Students will also consider the impact on society and the environment of technological applications of physics.

Prerequisite:SPH3U

Physics, Grade 12

(College Preparation)

SPH4C

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts as they relate to mechanical, electrical, fluid (hydraulic and pneumatic), and communications systems, as well as to the operation of commonly used tools and equipment. They will develop scientific-inquiry skills as they verify accepted laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment

Prerequisite:SNC2D or SNC2P

Earth and Space Science

Earth and Space Science, Grade 12

(University Preparation)

SES4U

This course focuses on the basic concepts and theories of Earth and space science, and their relevance to everyday life. Students will first study the origin and evolution of the universe, and then explore the materials and the internal and surficial processes of the Earth as they study the planet's history. The course draws on biology, chemistry, mathematics, and physics in its consideration of geological processes that can be observed directly or inferred from geological evidence.

Prerequisite:SNC2D

SOCIAL SCIENCES AND THE HUMANITIES

Family Studies

Food and Nutrition, Grade 10

(Open)

HFN2O

This course explores the factors that affect attitudes and decisions about food, examines current issues of body image and food marketing, and is grounded in the scientific study of nutrition. Students will learn how to make informed food choices and how to prepare foods, and will investigate our Canadian food heritage and food industries, as well as global food issues. The course also introduces students to research skills related to food and nutrition.

Living and Working With Children, Grade 11 (College Preparation)**HPW3C**

This course focuses on the well-being of children in families and community settings. Students will study child behaviour and child development in the context of relationships with parents and others in the community, and will learn through research and by observing and interacting with children.

This course prepares students for further study of children, familiarizes them with occupational opportunities related to working with children, and introduces them to skills used in researching and investigating children's behaviour in response to others.

Managing Personal Resources, Grade 11 (Workplace Preparation)**HIP3E**

This course prepares students for living independently and working successfully with others. Students will learn to manage their personal resources (including talent, money, and time), to develop interpersonal skills, and to understand economic influences on workplace issues, in order to make wise and responsible personal and occupational choices. The course emphasizes the achievement of expectations through practical experiences and introduces students to skills used in researching and investigating resource management.

Parenting, Grade 11**(Open)****HPC3O**

This course focuses on the skills and knowledge needed to promote the positive and healthy nurturing of children, with particular emphasis on the critical importance of the early years to human development. Students will learn how to meet the developmental needs of young children, communicate and discipline effectively, and guide early behaviour. They will have practical experiences with infants, toddlers, and preschoolers, and will learn skills in researching and investigating questions relating to parenting.

Individuals and Families in a Diverse Society, Grade 12 (University/College Preparation) HHS4M

This course applies current theories and research from the disciplines of anthropology, psychology, and sociology to the study of individual development, family behaviour, intimate and parent-child relationships, and the ways in which families interact within the diverse Canadian society. Students will learn the interpersonal skills required to contribute to the well-being of families, and the investigative skills required to conduct and evaluate research about individuals and families.

***Prerequisite:* Any university, university/college, or college preparation course in social sciences and humanities, English, or Canadian and world studies.**

SOCIAL SCIENCES AND THE HUMANITIES**Food and Nutrition Sciences, Grade 12 (University/College Preparation)****HFA4M**

This course examines various nutritional, psychological, social, cultural, and global factors that influence people's food choices and customs. Students will learn about current Canadian and worldwide issues related to food, frameworks for making appropriate dietary choices, and food-preparation techniques. This course also refines students' skills used in researching and investigating issues related to food and nutrition.

***Prerequisite:* Any university, university/college, or college preparation course in social sciences and humanities, English, or Canadian and world studies.**

Parenting and Human Development, Grade 12 (Workplace Preparation)**HPD4E**

This course prepares students for occupations involving older children, and for the responsibility of parenting, with emphasis

on school-age and adolescent children. Students will learn, through practical experience in the community, how early child development affects later development, success in school, and personal and social well-being throughout life, and how children and parents change over time. This course also develops students' skills in researching and investigating various aspects of parenting and human development.

General Social Science

Introduction to Anthropology, Psychology, and Sociology, Grade 11 (University/College Preparation) HSP3M

This course introduces the theories, questions, and issues that are the major concerns of anthropology, psychology, and sociology. Students will develop an understanding of the way social scientists approach the topics they study and the research methods they employ. Students will be given opportunities to explore theories from a variety of perspectives and to become familiar with current thinking on a range of issues that have captured the interest of classical and contemporary social scientists in the three disciplines.

Challenge and Change in Society, Grade 12 (University/College Preparation) HSB4M

This course examines the theories and methodologies used in anthropology, psychology, and sociology to investigate and explain shifts in knowledge, attitudes, beliefs, and behaviour and their impact on society. Students will analyse cultural, social, and biological patterns in human societies, looking at the ways in which those patterns change over time. Students will also explore the ideas of classical and contemporary social theorists, and will apply those ideas to the analysis of contemporary trends.

Prerequisite: Any university, university/college, or college preparation course in social sciences and humanities, English, or Canadian and world studies.

Religion

Religious Education, Grade 9 (Open) HRE10 **(Be With Me)**

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

SOCIAL SCIENCES AND THE HUMANITIES

SOCIAL SCIENCES AND THE HUMANITIES

Christ and Culture, Grade 10 (Academic) HRE2D

This course examines the relationship between the person and message of Christ and the dominant attitudes of contemporary culture. Beginning with the gospel narratives as a foundation, students acquire a deeper and more systematic knowledge of Christ, his message and his Church. Connections between the living Church and contemporary culture are explored in terms of what it means to be a responsible adolescent developing within a community of disciples in the context of a secular, pluralistic world. In the Family Life Education strand, students explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality.

Christ and Culture, Grade 10**(Applied)****HRE2P**

This course examines the relationship between the person and message of Christ and the dominant attitudes of contemporary culture. Beginning with the gospel narratives as a foundation, students acquire a deeper knowledge of Christ, his message and his Church. They reflect on what it means to be a responsible adolescent developing within a community of disciples in the context of a secular, pluralistic world. In the Family Life Education strand, students discuss and analyze everyday situations related to the themes of personhood, interpersonal relationships and sexuality.

World Religions: Beliefs, Issues, and Religious Traditions, Grade 11**(University/College Preparation)****HRT3M**

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

World Religions: Beliefs and Daily Life, Grade 11 (Open)**HRE30A**

This course introduces students to the range and diversity of world religions, and examines how systems of belief affect individual lives and social relationships. Students will learn about a variety of religious beliefs, teachings, traditions, and practices. The course also helps students to develop skills used in researching and investigating topics related to world religions. *This course will assist students in preparing for college level studies.*

World Religions: Beliefs and Daily Life, Grade 11 (Open)**HRE30B**

This course introduces students to the range and diversity of world religions, and examines how systems of belief affect individual lives and social relationships. Students will learn about a variety of religious beliefs, teachings, traditions, and practices. The course also helps students to develop skills used in researching and investigating topics related to world religions. *This course will assist students in preparing for the workplace.*

Church and Culture, Grade 12 (University/College)**HRE4M**

This course is directed toward the clear identification of Catholic moral principles and the concrete application of these principles in the lives of students. The course proceeds from foundational beliefs rooted in Sacred Scripture concerning justice and peace to an exploration of the principles that shape Christian life. In the Family Life Education, students explore a variety of topics related to the themes of personhood, interpersonal relationships, and sexuality. The Christian moral life is a call to follow Jesus Christ, and this course is intended to prepare the senior student for this lifelong task.

Philosophy: Questions and Theories, Grade 12 (University Preparation)**HZT4U**

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 develop and explain their own philosophical ideas, and 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.

Church and Culture, Grade 12**(Open)****HRE40A**

This course assists students in their development of the skills and knowledge necessary to live lives of full maturity. Within the Catholic faith tradition, it is believed that this growth towards human maturity is best served when students are able to define themselves authentically in relation to their God, to other people and to their world. In the Family Life Education

strand, students explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality.

Students will demonstrate a knowledge of the prophetic tradition in Scripture, become familiar with the social teachings of the Catholic Church, explore contemporary notions of spirituality and prayer, and recognize the importance, power, and potential of the human person in relation to morality and personal choices concerning future life paths. *This course will assist students in preparing for college level studies.*

Church and Culture, Grade 12

(Open)

HRE40B

This course assists students in their development of the skills and knowledge necessary to live lives of full maturity. Within the Catholic faith tradition, it is believed that this growth towards human maturity is best served when students are able to define themselves authentically in relation to their God, to other people and to their world. In the Family Life Education strand, students explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality.

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TECHNOLOGICAL EDUCATION

Integrated Technologies, Grade 9

(Open)

TTI10

This course enables students to understand the technological and computer concepts they need in order to design, develop, and build usable products and/or deliver services, and to pursue further technological studies. Students will use a high level language to develop software programs, the technological design process, and a variety of tools and software to solve problems, compute projects, and strengthen their communication skills.

Communications Technology

Communications Technology, Grade 10

(Open)

TGJ20

This course requires students to complete a range of communications technology projects. These may include creating printed stationary, short videos, computer-generated animations, and graphical information displays. Students will learn to transfer information using electronic, live, and graphic communications methods. The knowledge and skills they will develop will provide a basis for careers in areas such as publishing, advertising, print production, animation, photography, and journalism.

Communications Technology, Grade 11 (University/College Preparation) TGJ3M

This course examines communications systems and design and production processes in one or more of the areas of electronic, live, and graphic communications. Students will develop knowledge and skills relating to the assembly, maintenance, and repair of the basic and more complex components of a range of communications systems. Students will also study industry standards and regulations and health and safety issues, and will explore careers, the importance of lifelong learning, and the impact of communications technology on society and the environment.

Suggested Prerequisite: TGJ2O

Communications Technology, Grade 11 (Workplace Preparation) TGJ3E

This course examines communications systems and design and production processes in one or more of the areas of electronic, live, and graphic communications. Students will learn how basic communication systems function and will develop the knowledge and skills needed to assemble, repair, maintain, and test various systems. Students will also study industry standards and regulations and health and safety issues, and will explore careers, the importance of lifelong learning, and the impact of communications technology on society and the environment.

Suggested Prerequisite: TGJ2O

Communications Technology, Grade 12 (University/College Preparation) TGJ4M

This course examines communications systems and design and production processes in one or more of the areas of electronic, live, and graphic communications. Students will independently create, manage, and distribute complex graphic, electronic, or audiovisual projects. Students will also study industry standards and regulations and health and safety issues, and will explore careers, the importance of lifelong learning, and the impact of communications technology on society and the environment.

Prerequisite: TGJ3M

TECHNOLOGICAL EDUCATION

Construction Technology

Construction Technology, Grade 10 (Open) TCJ2O

This course requires students to design, build, and evaluate projects using design instruments and machine and hand tools. Students will solve technological problems through a variety of media; identify and describe building materials and other resources needed to construct, maintain, and service buildings; identify support systems and components; apply safety rules related to materials, processes, and equipment; identify common architectural styles; and identify careers related to construction technology.

Construction Technology, Grade 11 (College Preparation) TCJ3C

This course focuses on residential, commercial, industrial, and/or recreational construction. Students will learn about the tools, materials, equipment, and methods used in the light construction industry; structural analysis and design; presentation and working drawings; and mechanical systems. They will also estimate materials and labour costs, and study industry standards and building codes, health and safety issues, energy conservation, careers, and the impact of construction technology on society and the environment.

Suggested Prerequisite: TCJ2O

Construction Technology, Grade 11 (Workplace Preparation)**TCJ3E**

This course focuses on residential, commercial, industrial, and/or recreational construction, emphasizing practical workplace applications, the development of generic employment skills, and preparation for apprenticeship and training programs. Students will learn about and gain practical experience with various types of materials, processes, labour, tools, and equipment used in the construction industry; technical drawings; and mechanical systems. They will also study industry standards and building codes, consider health and safety issues, and explore careers, the importance of lifelong learning, and the impact of construction technology on society and the environment.

Suggested Prerequisite: TCJ2O

Construction Technology, Grade 12 (College Preparation)**TCJ4C**

This course focuses on residential, commercial, industrial, and/or recreational construction. Students will learn about the tools, materials, equipment, and methods used in the light and heavy construction industries; structural analysis and design; presentation and working drawings; and mechanical systems. They will also estimate materials and labour costs, study industry standards and building codes, consider health and safety issues, and explore energy conservation, careers, and the impact of construction technology on society and the environment.

Prerequisite:TCJ3C

Construction Technology, Grade 12 (Workplace Preparation)**TCJ4E**

This course focuses on residential and heavy construction, emphasizing advanced practical workplace applications and the development of generic employment skills and independent learning skills. Students will examine the materials, processes, labour, tools, and equipment used in the construction industry; technical drawings; mechanical systems; and landscaping. They will also study industry standards and building codes, consider health and safety issues, and explore careers, lifelong learning opportunities, and the impact of construction technology on society and the environment.

Prerequisite:TCJ3E

TECHNOLOGICAL EDUCATION**Technological Design****Technological Design, Grade 11****(University/College Preparation)****TDJ3M**

This course provides students with opportunities to apply the principles of technological design to challenges in communications, manufacturing, electronics, transportation, architecture, industrial and consumer products, health and safety equipment, and environmental services. Students will identify user needs, estimate labour and material costs, analyse material characteristics, and illustrate design solutions, using traditional and computer-based methods. They will also acquire the basic design skills required for postsecondary studies in engineering, manufacturing, architecture, and construction.

Technological Design, Grade 12**(University/College Preparation)****TDJ4M**

This course provides students with opportunities to solve problems in design through the use of technical drawings, model building, testing, and marketing. Students will research, design, and test solutions for residential or commercial architecture, industrial engineering, and manufacturing. They will also examine the educational requirements of a technical-design-related career in engineering, architecture, or industrial design.

Prerequisite:TDJ3M

Transportation Technology

Transportation Technology, Grade 10 (Open) TTJ2O

This course requires students to build projects and to learn service procedures related to different modes of transportation. Students will learn about support systems for transporting people and products; measurement systems and methods; the analysis, design and construction of a system to convert and make practical use of energy; the function of major vehicle system components; the impact of transportation systems on the environment; communication skills; and transportation-related careers.

Transportation Technology, Grade 11 (College Preparation) TTJ3C

This course examines the infrastructure required for the operation of land, air, and/or marine vehicles. Students will design, construct, and modify vehicles, and apply safe work practices and procedures using current technology. They will also develop effective communication and teamwork skills when developing solutions to managing vehicle support systems; investigate the educational requirements for career opportunities in the transportation sector; and analyse the impact of transportation technology on society and the environment.

Suggested Prerequisite: TTJ2O

Transportation Technology, Grade 11 (Workplace Preparation) TTJ3E

This course examines the various types of land, air, and/or marine vehicles and vehicle systems found within the transportation sector. Students will acquire identification, troubleshooting, repairing, and testing skills that meet industry standards and government regulations. In addition to developing employability and technical skills, they will explore the broad range of career opportunities within this sector, and will examine the impact of the transportation sector on people, society, and the environment.

Suggested Prerequisite: TTJ2O

TECHNOLOGICAL EDUCATION

Transportation Technology, Grade 12 (College Preparation) TTJ4C

This course examines the alternative modes of mass transit to enable students to develop the specialized knowledge and skills required to work with sophisticated land, air, and/or marine vehicles and transportation systems. Students will solve problems related to vehicles and transportation systems; examine transportation-related issues such as energy conversion, power transfer, control systems, and environmental and societal impact; and investigate the educational requirements of career opportunities in the transportation sector.

Prerequisite: TTJ3C

Transportation Technology, Grade 12 (Workplace Preparation) TTJ4E

This course examines the commonalities of land, air, and/or marine vehicles and transportation systems. Students will develop safe workplace habits and business management skills and will use diagnostic, hand, and power tools effectively to service and repair vehicles to meet industry standards and safety inspections. They will also research the entry requirements for apprenticeship training programs and develop the employability and technical skills required for entry into the workplace.

Prerequisite: TTJ3E

Computer and Information Science

Computer and Information Science, Grade 10 (Open) TIK2O

This course introduces students to computer science concepts. Students will learn about the stages in software design; the fundamental programming constructs of sequence, selection, and repetition; the functions of internal and external computer components; the relationship among networks, operating systems, and application software and their uses; and how programming languages evolve. Students will also develop an awareness of computer-related careers.

Computer and Information Science, Grade 11 (University/College Preparation) ICS3M

This course helps students examine computer science concepts. Students will outline stages in software development, define standard control and data structures, identify on- and off-line resources, explain the functions of basic computer components, and develop programming and problem-solving skills by using operating systems and implementing defined practices. As well as identifying careers in computer science, students will develop an understanding of the ethical use of computers and the impact of emergent technologies on society.

Suggested Prerequisite: TIK2O

Computer and Information Science, Grade 12 (University/College Preparation) ICS4M

This course helps students use programming and software engineering principles to design and develop algorithms and programs. Students will use software development and diagnostic tools, implement data structures and algorithms, and use file management techniques in project settings. They will also develop an understanding of the ethics of computer use and the impact of information technology on the community, and will explore postsecondary education and career paths in computer science.

Prerequisite: ICS3M

TECHNOLOGICAL EDUCATION

Hospitality and Tourism

Hospitality, Grade 11 (College Preparation) TFT3C

This course helps students understand the features, trends, and guidelines of the hospitality industry, as well as learn the basic requirements of serving customers. Students will acquire skills related to advanced methods of preparing and presenting food, evaluating facilities, controlling inventory, and marketing special events. They will also learn about economic and environmental impacts, health and safety standards, and career opportunities related to the hospitality industry

Computer Engineering

Computer Engineering, Grade 11 (University/College Preparation) ICE3M

This course helps students understand how computer hardware and software are used to solve computer-related problems from an engineering perspective. Students will explore ways of connecting computers, interfaces, and peripherals using their knowledge of logic gates, computer components, peripherals, programming, networks, and operating systems. Students will also construct systems that use computer programs to interact with hardware, install and configure key computer hardware and software components, develop an understanding of the ethical use of computers, and explore careers in computer engineering.

Suggested Prerequisite: TTI1O

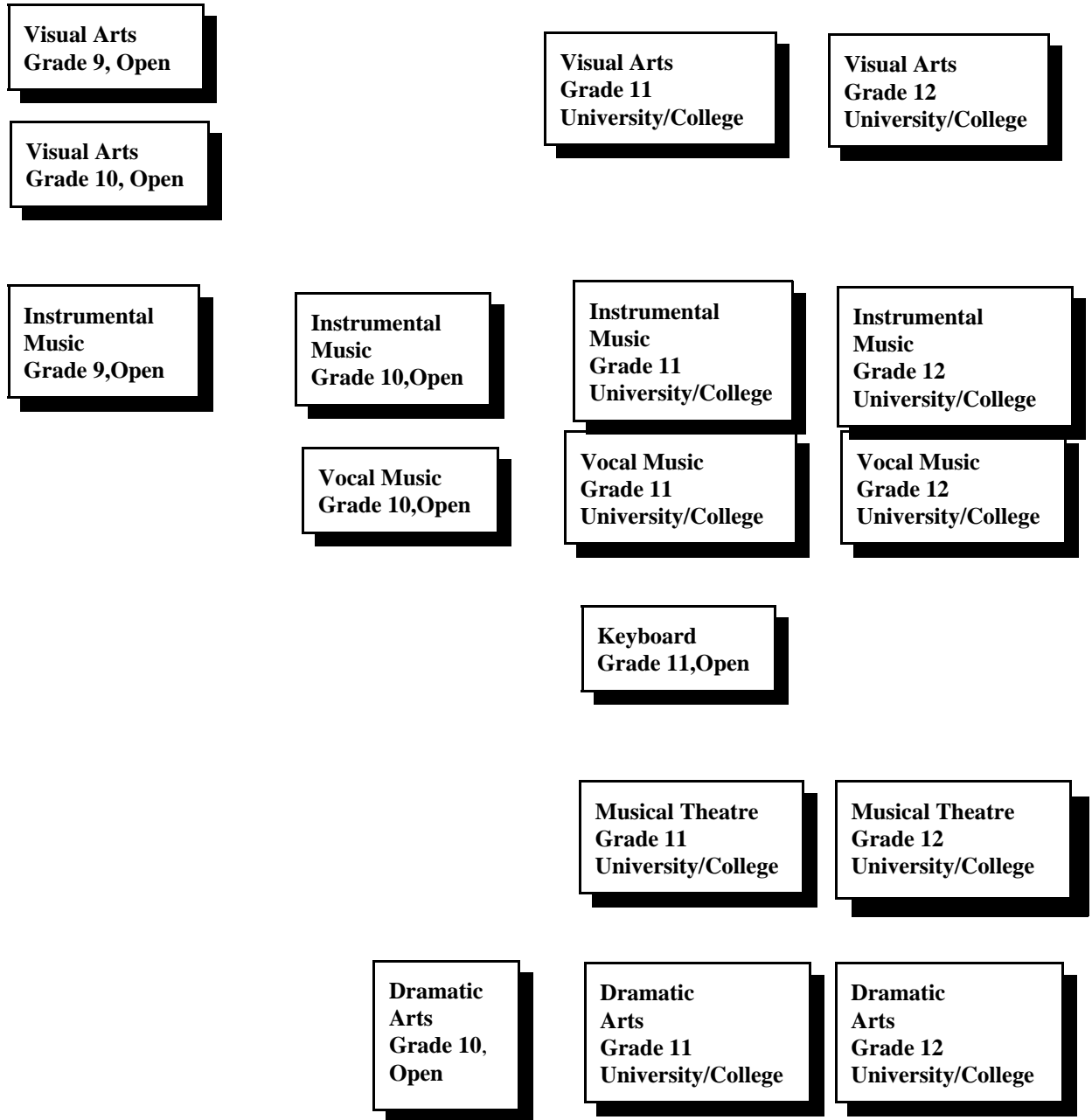
Computer Engineering, Grade 12 (University/College Preparation) ICE4M

This course helps students understand and apply computer engineering concepts. Students will analyse and design computer components such as logic circuits and interfaces; develop and construct systems and write the associated computer programs to drive real-world devices such as traffic lights, models, and robots; and explore networking hardware, protocols, and configurations. As well as developing project management skills, students will examine the ethics of computer use and explore related educational requirements and careers.

Prerequisite:ICE3M

PREREQUISITE CHART FOR ARTS

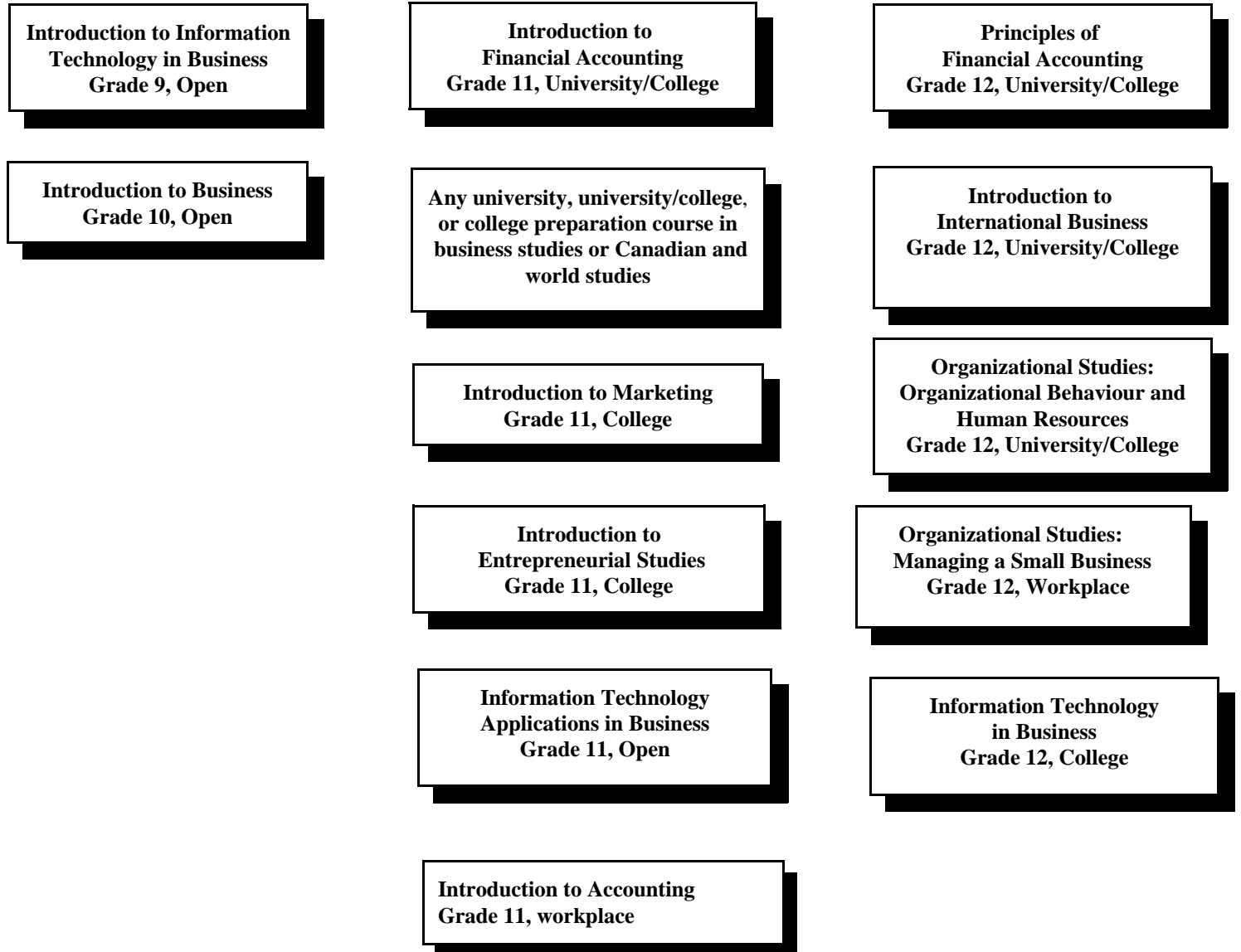
This chart maps out all the courses in the discipline and shows the link between courses and possible prerequisites for them. It does not attempt to depict all possible movements from course to course.



PREREQUISITE CHART FOR BUSINESS STUDIES

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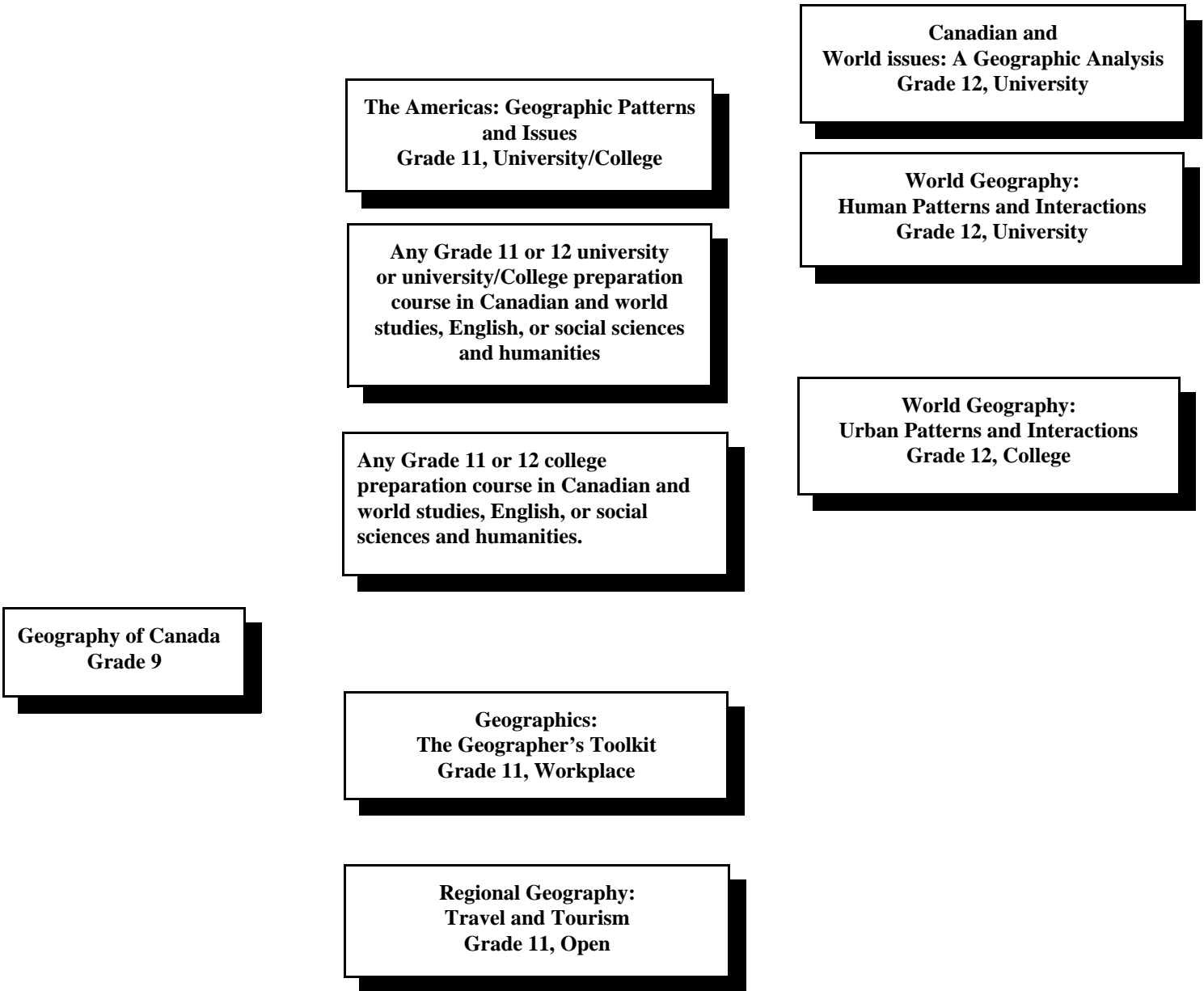
Proposed Gr. 12 Courses



PREREQUISITE CHART FOR CANADIAN AND WORLD STUDIES - GEOGRAPHY

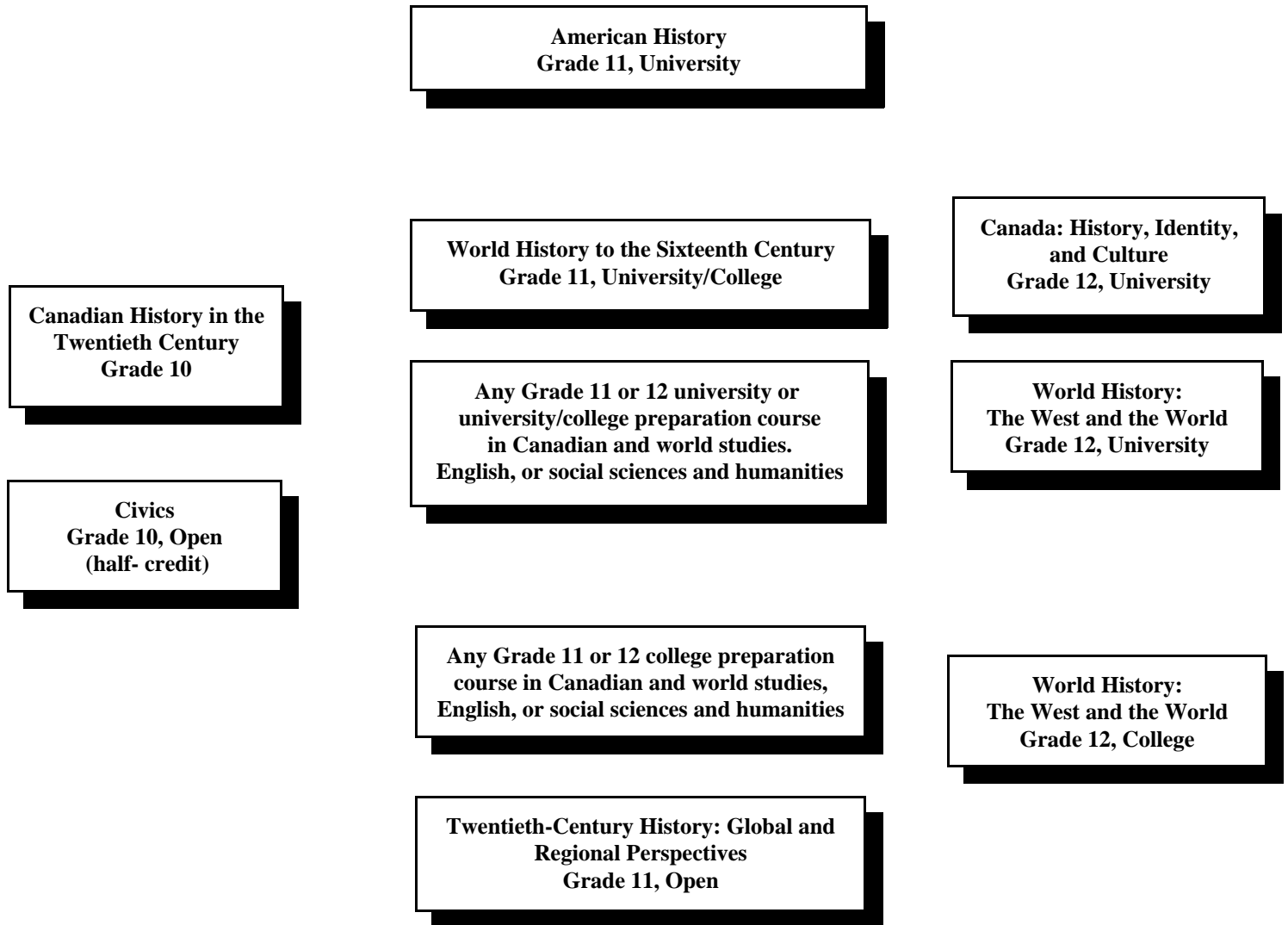
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Proposed Gr. 12 Courses



PREREQUISITE CHART FOR CANADIAN AND WORLD STUDIES - HISTORY

This chart maps out all the courses in the discipline and shows the link between courses and the possible prerequisites for them. It does not attempt to depict all possible movements from course to course.



PREREQUISITE CHART FOR CANADIAN AND WORLD STUDIES - ECONOMICS, LAW, AND POLITICS

This chart maps out all the courses in the discipline and shows the link between courses and the possible prerequisites for them. It does not attempt to depict all possible movements from course to course.

ECONOMICS

The Individual and the Economy
Grade 11, University/College

**Analysing Current
Economic Issues**
Grade 12, University

Making Economic Choices
Grade 11, Workplace

LAW

**Canadian History in the
Twentieth Century**
Grade 10

Understanding Canadian Law
Grade 11, University/College

**Canadian and
International Law**
Grade 12, University

Understanding Canadian Law
Grade 11, Workplace

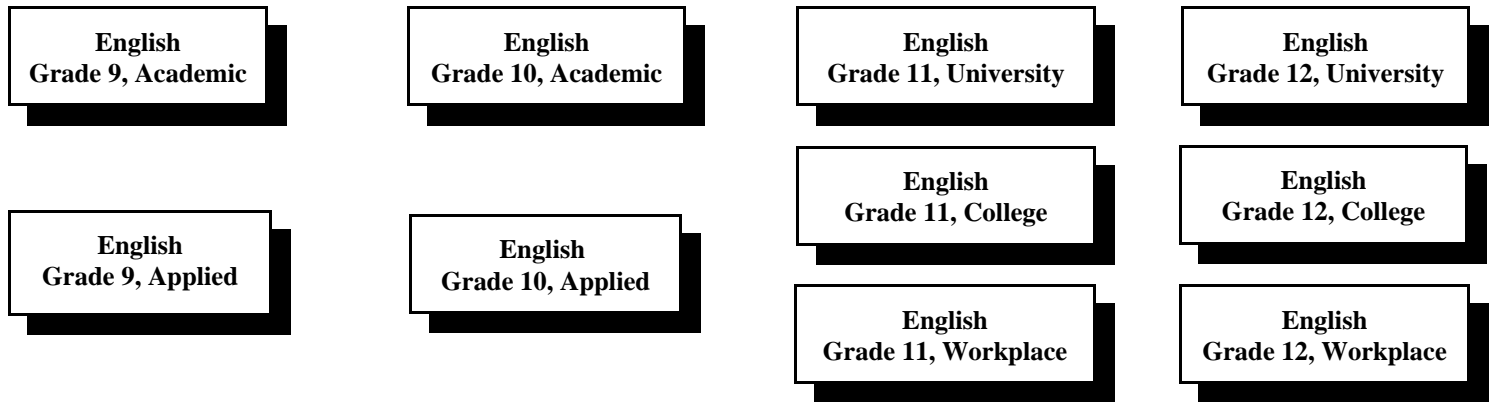
POLITICS

**Any Grade 11 or 12 university or
university/college preparation course
in Canadian and world studies,
English, or social sciences and
humanities**

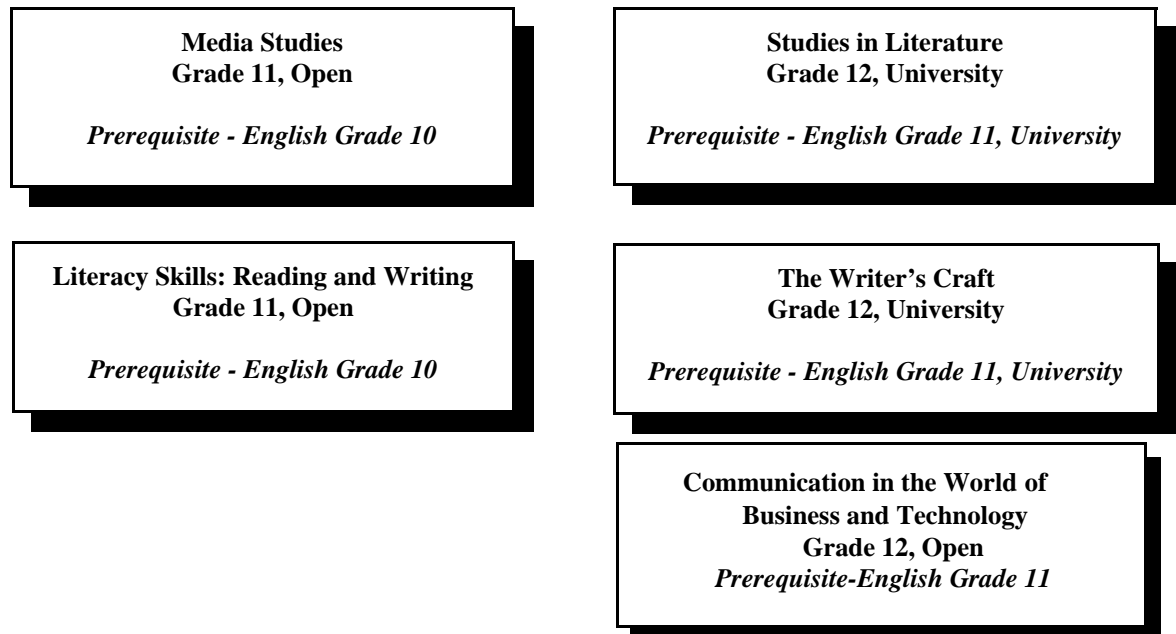
**Canadian and
World Politics**
Grade 12, University

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Compulsory Courses

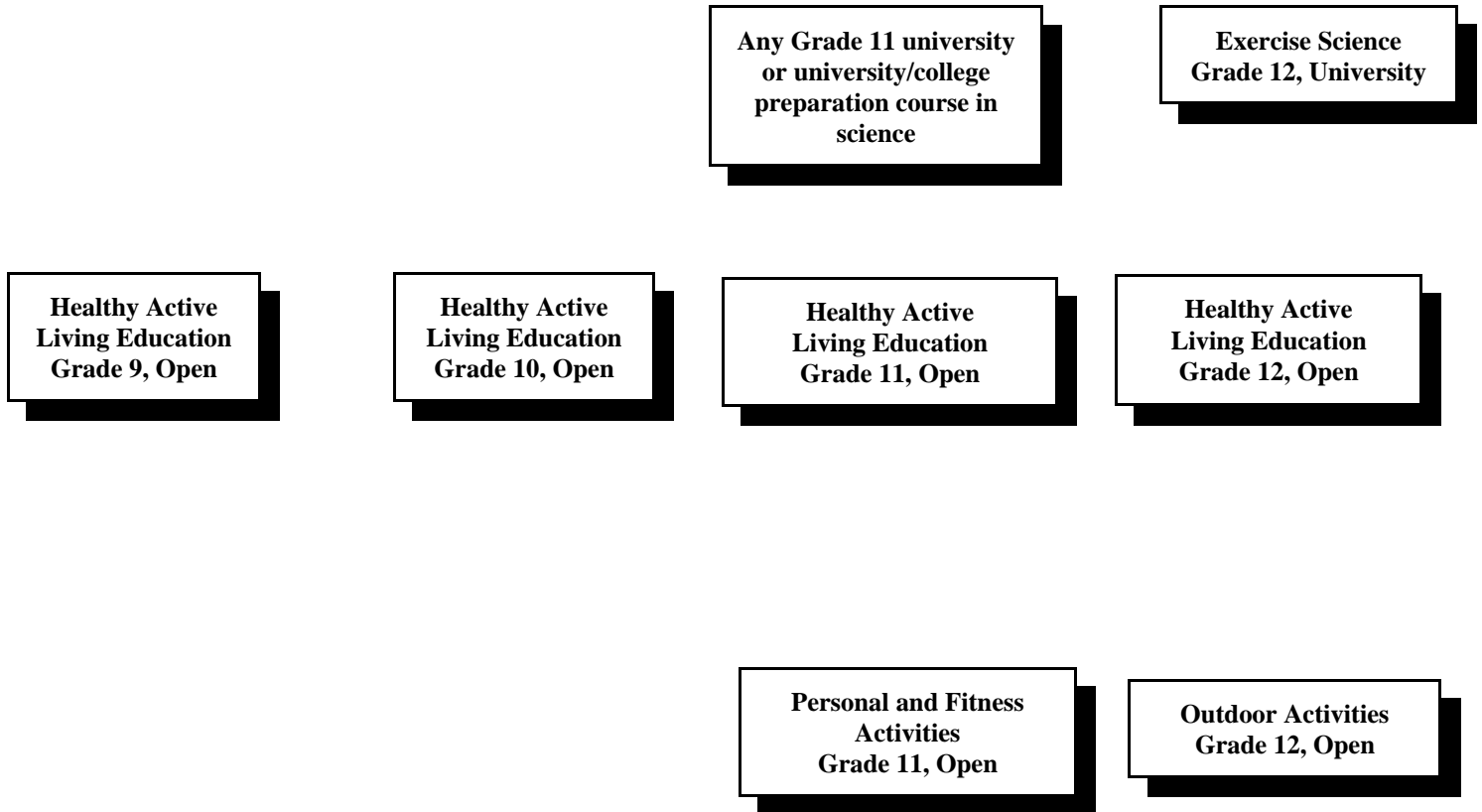


Optional Courses



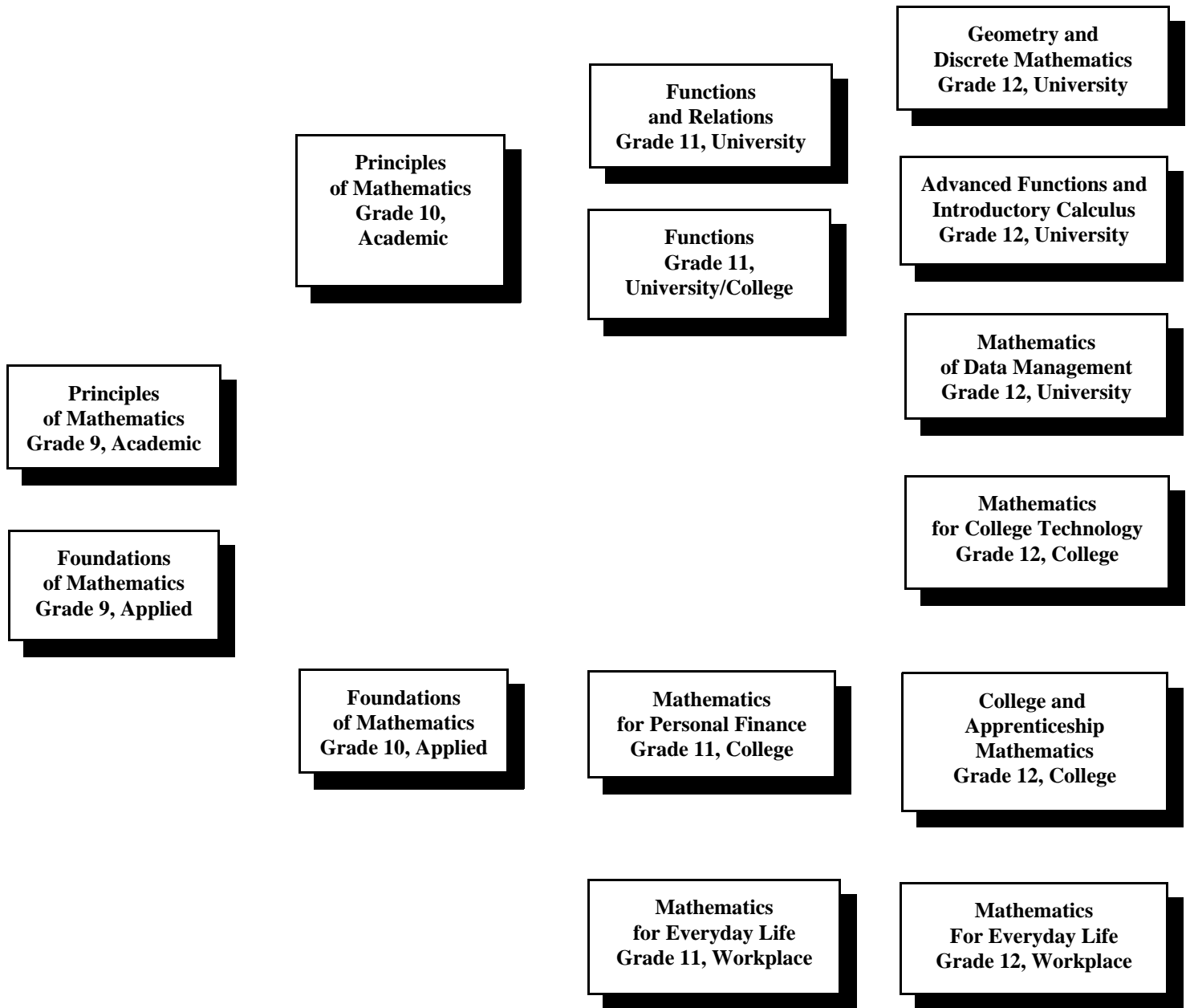
PREREQUISITE CHART FOR HEALTH AND PHYSICAL EDUCATION

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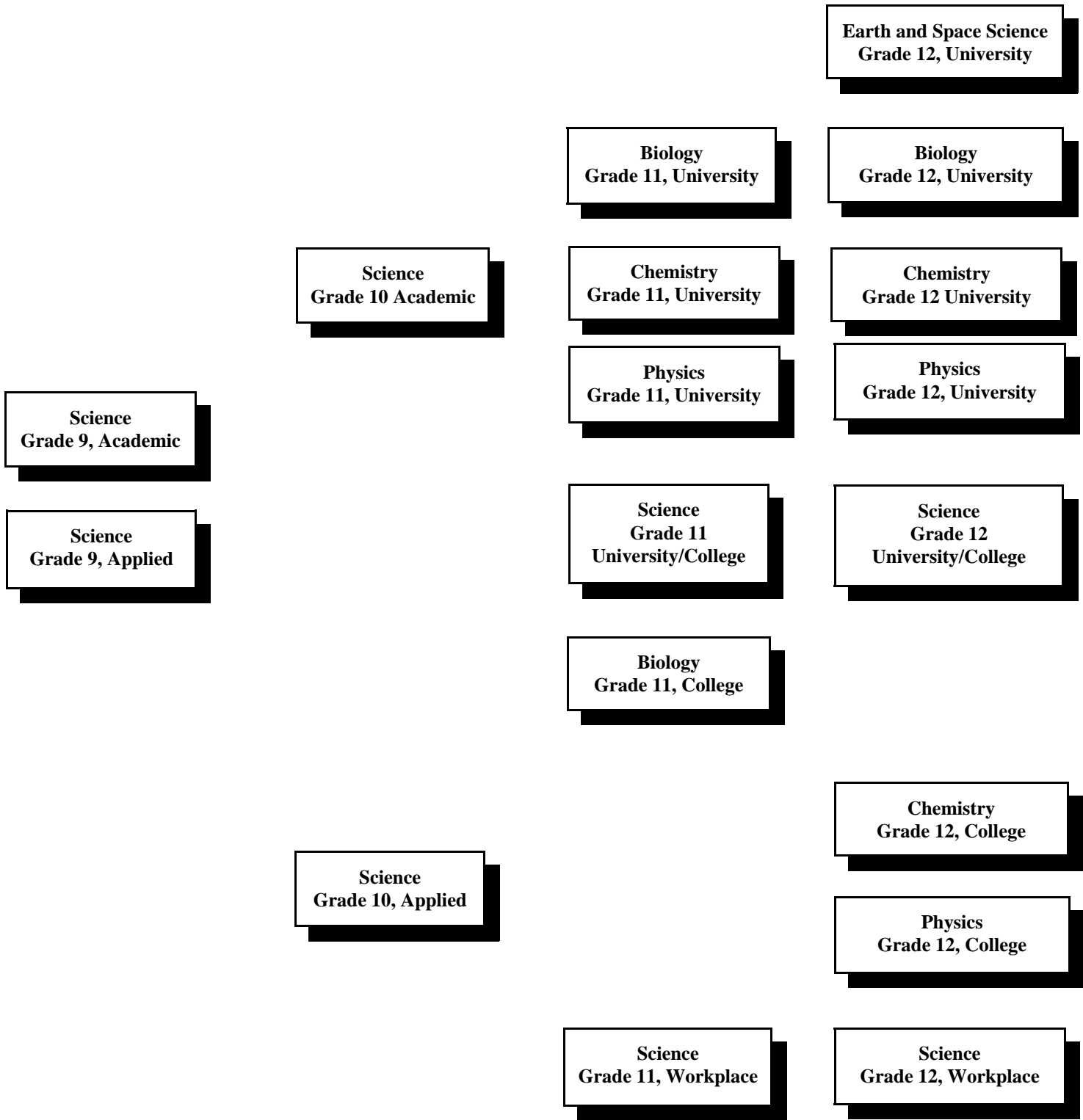
PREREQUISITE CHART FOR MATHEMATICS

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PREREQUISITE CHART FOR SCIENCE

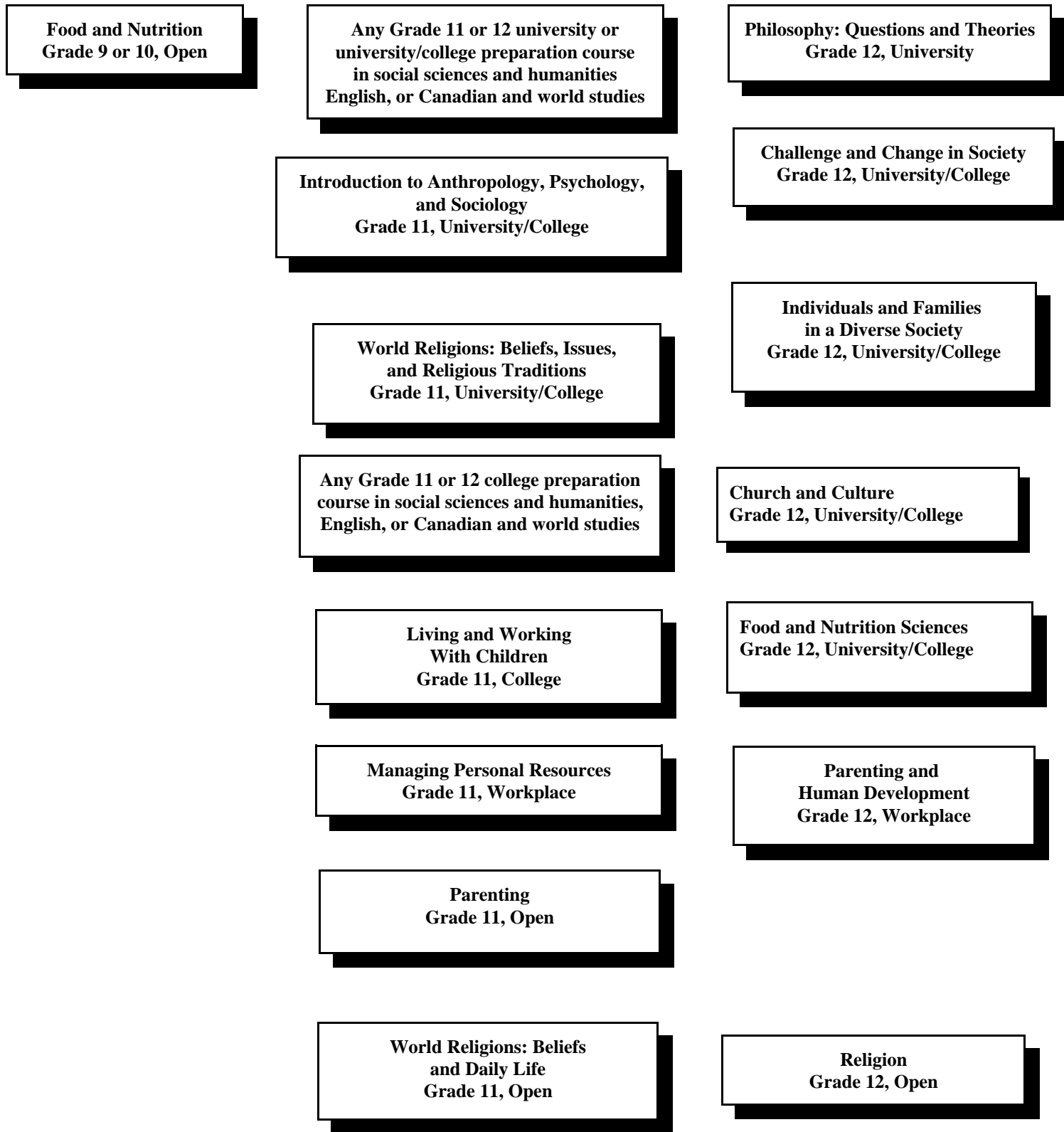
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PREREQUISITE CHART FOR SOCIAL SCIENCES AND HUMANITIES

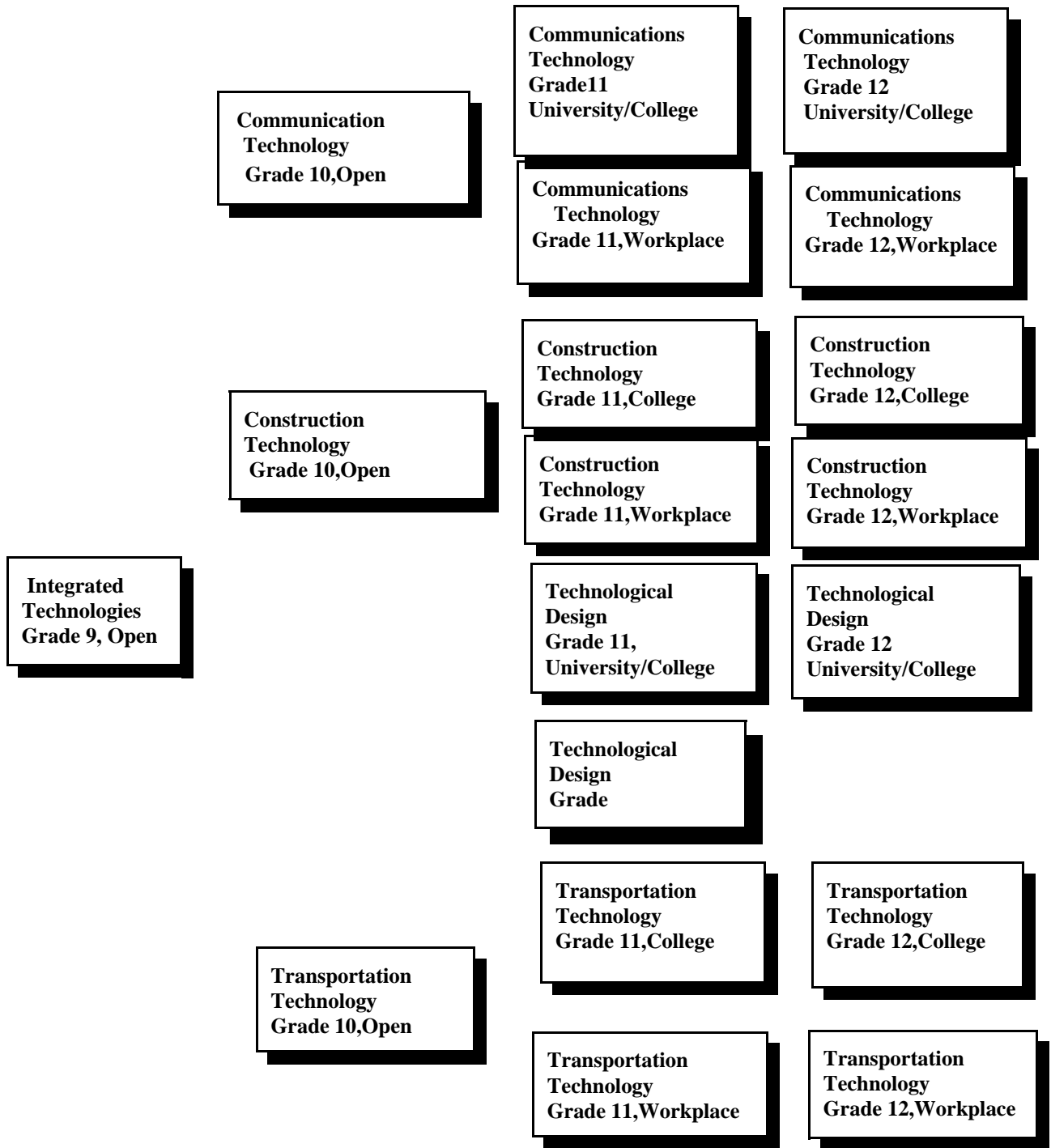
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Proposed Gr. 12 Courses



PREREQUISITE CHART FOR TECHNOLOGICAL EDUCATION

These charts map out all the courses in the discipline and show the link between courses and possible prerequisites for them.



PREREQUISITE CHART FOR TECHNOLOGICAL EDUCATION (con't)

**Computer and
Information Science
Grade 10,Open**

**Computer and
Information Science
Grade 11
University/College**

**Computer and
Information Science
Grade 12
University/College**

**Integrated
Technologies
Grade9,Open**

**Computer
Engineering
Grade 11
University/College**

**Computer
Engineering
Grade 12
University/College**

**Computer
Engineering
Grade 11
Workplace**

**Computer
Engineering
Grade 12
Workplace**

**Hospitality
Grade 11
College**