



SUCCESS for Every Student



GRAND ERIE | 2017 - 2018

**CAYUGA
SECONDARY SCHOOL**

CAYUGA SECONDARY SCHOOL

To all students new to the C.S.S. community, "Welcome" and to all those returning, "Welcome Back." C.S.S. is a dynamic and friendly school that provides meaningful education for all students.

Cayuga Secondary has a long tradition of combining academic excellence with extra-curricular activities and community involvement. As a Cayuga Warrior, you will benefit from the host of activities offered to you by a caring staff, who are always prepared to volunteer their time so that your high school experience is memorable. Whether you are in grade nine or graduating, it is important that you "GET INVOLVED" so you can get the most out of your time at C.S.S.

So please remember that Cayuga Secondary School has something for everyone, both academically and socially. Now it is up to you to make wise choices and take full advantage of all the opportunities that are provided.



Greg Carruthers
PRINCIPAL

Laurie Tottle
VICE PRINCIPAL

Cayuga Secondary School
Box 2001, 70 Highway 54,
Cayuga, ON, N0A 1E0
Phone: (905) 772-3301(main)
(905) 772-3302 (guidance)
Fax: (905) 772-5330

MISSION STATEMENT

Cayuga Secondary School is one of the high schools operated by the Grand Erie District School Board. It is a composite school providing a variety of educational programs to suit the needs of all students in the communities it serves.

The educational objectives of Cayuga Secondary School are consistent with those of the Ontario Ministry of Education, the Grand Erie District School Board. Specifically, our objectives are:

- To provide a relevant and challenging educational experience for all students who come within our care.*
- To provide opportunities for students to develop their physical, mental and social potential.*
- To ensure that graduates from all programs are well prepared to meet their goals, whether they involve further education or employment.*



GEDSB Administration:

Brenda Blancher
Director of Education

Denise Martins
Superintendent of Education



TEACHERS

Mrs. Rebecca Brooks
 Mr. Randy Brown
 Mr. Justin Bulger
 Mr. Mike Calder
 Mr. Vic Cassano
 Ms. Jodi Clugston
 Mr. Darryl Collin
 Mrs. Kimberly Dickie
 Ms. Casandra
 Dymont
 Mr. John Drynan
 Mr. Brad Edwards
 Ms. Sheryl Ferris-Little
 Mrs. Kristal Gee
 Mr. Paul Greenhalgh
 Mr. Geoff Guch
 Mrs. Patty Hickman
 Ms. Laura Hill
 Mrs. Becky Hoecht
 Ms. Andrea Jenkins
 Ms. Siobhan Johnson
 Mr. Dave Karpinski
 Mr. Evan Kenney
 Mrs. Jacqy Kiefer
 Ms. Christine
 Kononiuk
 Mr. Brian Laidlaw
 Mrs. Louise-Annette
 Laidlaw

Ms. Rossilind
 Lammens
 Mr. Jonathan Mann
 Mr. Todd Martindale
 Ms. Vicky McClung
 Miss Donna
 McEachern
 Ms. Penny Medeiros-
 Wilkins
 Ms. Rebecca Menon
 Mrs. Kelly Millar
 Mr. Derek Morrison
 Mr. Adam Passfield
 Mr. John Skerrett
 Mrs. Ann Smith
 Mrs. Emily Spicer
 Miss Melissa
 Stevenson
 Mrs. Sandra Stewart
 Mrs. Dale Whyte
 Mr. Darren Wise
 Mrs. Roberta
 Woodcroft
 Mrs. Lori Yager

PATHWAY PLANNER

Every student in Grades 9-12 will prepare a pathway planner with assistance from parents and teachers. The planning process will help students set goals, review and assess their achievements and progress. The plan will identify:

- the student's goals for academic achievement
- course selections for the following year and future destinations
- co-curricular activities and ways of exploring careers that are of interest to the student (including cooperative education and work experience programs)
- possible post-secondary education or work goals

GUIDANCE AND CAREER EDUCATION

All Ontario high schools have student services staff. Guidance counsellors can provide students with detailed information about various careers and about the course selections that will prepare them for entry into those careers. In addition, students will be required to take one half-semester career studies course in order to graduate. The Guidance Department will facilitate opportunities for students to obtain information on post-secondary destinations. These opportunities include:

- visits from college and university representatives
- conference involvement
- additional career information

SPECIAL EDUCATION

A student who participates in special education programs and services in Grade 8 can continue to do so in high school. As in elementary school, an Individual Education Plan (IEP) will be developed and maintained, based on a thorough assessment of the student's strengths, needs, and interests. It will identify what the student is expected to learn and will explain how the special education program and services will help him or her achieve the learning goals and expectations set out in the plan. The student's annual education plan will be developed on the basis of the IEP. For students with disabilities who are fourteen years of age or older, the IEP will include a coordinated plan to help prepare the student for living independently in the community and to facilitate the transition to post-secondary education or the workplace.

REMEDIAL HELP

Students in Grade 8 who are not receiving special education services but need additional help to meet curriculum expectations will continue to receive remedial help in high school. It is very important for students and their parents to review all the programs and services offered through the board and, with the help of their elementary and high school principals, to arrange to participate in the programs that best suit their needs.

Parents of students who continue to find course work too difficult can ask for a review to determine whether special education services are needed. If a student is identified with specific learning needs, an Individual Education Plan (IEP) will be developed.

LIBRARY INFORMATION CENTRE

At C.S.S., students are encouraged to use the library to improve their information skills and enjoy the leisure reading area. Skills such as accessing, gathering, analyzing, synthesizing and communicating information are becoming increasingly necessary in the world today. The teacher-librarian is available to assist students when accessing the electronic catalogue to locate books, films, magazines. There is a computer lab available in the library for online research. We subscribe to several online databases, which allow students to access hundreds of magazines, newspapers, encyclopedias, maps, transcripts and photos. The service is available from any internet-ready computer in the school and there is a home-user licence as well. White Pine Book Club runs during second semester. The library also hosts visiting authors and poets from time to time. Listen to the announcements for contests.

ELEARNING AT CSS

Is eLearning for me?

- Do you work well alone, with minimal need for supervision?
- Are you self-motivated?
- Do you have the self-discipline to complete work on a schedule?
- Are you reasonably comfortable with computers (email, internet research, etc.)?



ACTIVITIES AT CAYUGA SECONDARY SCHOOL

STUDENTS' COUNCIL

Is elected each year by the student body. Council offers leadership opportunities in executive and representative positions. Students' Council is a great way to get involved in high school life; students plan activities for the school and organize fundraisers to support the various clubs, sports, and events at C.S.S. Students' Council members also have the opportunity to attend leadership camps and conferences.

THE DRAMA CLUB

Is large and welcoming to all. Students are able to gain self confidence through performing in the school play or musical production. Cayuga Secondary School Students are able to participate in all aspects of theatre production including acting, producing, stage crew and technical crew.

YEAR BOOK

Writers, photographers, and creative minds are welcome to join.

SPORTS

Intramural Sports are held during the lunch periods. All students are encouraged to participate.

INTER SCHOOL SPORTS

Involve school teams that train and compete against other schools. Some of the activities are:

Golf
Football
Tennis
Cross country Running
Field Hockey
Soccer
Badminton
Cheerleading
Girls' and Boys' Hockey
Track and Field
Lacrosse
Basketball
Skiing
Volleyball
Baseball
Wrestling



SPECIAL EVENTS

Grade 9 Orientation
Hoops for Heart
High School Challenge
Christmas Assembly
Pep Rallies
Spring Prom
School Dances
School Assemblies
Relay For Life
Haunted Hallways
Semi Formal
Love Week
Film Festival
Buyouts for Sports Events
Movie Nights
Dance-a thons
Cabaret
Memorial Baseball Tournament
Band Concerts
Talent Shows
Terry Fox Run
Winter Carnival

CLUBS

Vocal Ensemble
Concert Band
Bunch Of Believers
Book Club
Yearbook Club
Drama Club

THE PARENTS, THE STUDENT, THE SCHOOL

We believe that education is a partnership between the student, the parents, and the school. The student's educational goals will be communicated to the parent to ensure that they are supported at home as well as at school.

Involvement and participation as a parent is vital to the success of all our efforts.

- Parents may call the school at any time to discuss a student's progress.
- Interviews can be arranged with teachers in areas of particular concern.
- Parent interviews are held one week after each report is issued.
- All course selections must meet with parent approval.
- Notes or a phone call are required from a parent to explain absences.
- Students who must be excused early during the day, require a signed note from a parent.

STUDENT EXPECTATIONS

Education is a process of learning that requires continuity in and exposure to learning experiences. Students must learn to work as individuals and with others. This involves the student in listening, cooperating, sharing, interacting, and experiencing mutual evaluation. Students should be able to individually and in groups, investigate, analyze, synthesize, and make occasional intuitive leaps in the pursuit of knowledge. Regular student attendance is an important component of this process and of the evaluation of student achievement.

A student who fails to attend classes is at risk for not achieving the course credit.

With the assistance of students, parents and teachers, a school policy on STUDENT BEHAVIOUR has been developed. This policy outlines the general expectations we have for Cayuga students, the specific requirements, and consequences that may be involved for infractions.

THE BASICS OF CHOOSING COURSES FOR GRADE 11 AND 12

HOW DO SENIOR COURSES DIFFER FROM JUNIOR COURSES (GR 9 AND 10)?

- there are no more 'academic', 'applied' or 'locally developed' courses in gr 11/12
- most courses are all about what **DESTINATION** they prepare you for:

- U *University preparation courses*
- M *University and College preparation courses (aka Mixed courses)*
- C *College preparation courses*
- E *courses meant to prepare you for entering Employment after HS*
- O *open courses – for everyone, regardless of destination*

SO HOW SHOULD I DECIDE WHICH COURSES TO TAKE ?

- by 'working backwards' from your goal
- I. *Using career research (eg Career Cruising) , decide on a possible career or careers.*
- II. *Using career research (eg Career Cruising) , determine where you need to be trained for this career college ? university ?*
- III. *Using resources like eInfo (www.electronicinfo.ca for ontario university programs) or ontariocolleges.ca (Ont college programs) determine the pre-requisite [gotta have] grade 12 courses you will need if you want to apply to those C or U programs*
- IV. *From the needed grade 12 courses, determine their pre-requisite courses (that is, gr 11 courses needed)*

SO HOW DO I FILL IN MY COURSE PLANNER THEN ?

- A. *Schedule into your course planner these career related – required courses*
- B. *Schedule into your planner any other high school diploma requirements (Refer to the Diploma & Certifications tab – above gr 10 yr choices)*
- C. *Fill in the rest of your electives with courses that will help prepare you for your career choice – or that interest you .*

ARE THERE ANY OTHER THINGS I SHOULD BE AWARE OF WHEN PLANNING OUT MY COURSES ?

- *co op courses can be taken in gr 11 and/or 12. Co op is offered as 2 periods or 4 periods (all day) . If you want co op for 2 credits in gr 11 AND in grade 12 as well, just enter the 2 period co op code in each year column*
- *if you can not find a course you need or want, check the Elearning discipline (remember discipline means department).*
- *pay attention to the blue and red dots 2 blue are information / reminders 2 red are deal breakers. Usually you do not have the required prerequisite or it is being offered every other year*



GUIDANCE & CAREER EDUCATION

GLE10 LEARNING STRATEGIES (OPEN)

PREREQUISITE: Recommendation of principal through IPRC process

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.

GLC20 CAREER STUDIES (OPEN)

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

GPP30 LEADERSHIP AND PEER SUPPORT (OPEN)

PREREQUISITE: GLC20

This course prepares students to act in leadership and peer support roles. They will design and implement a plan for contributing to their school and/or community; develop skills in communication, interpersonal relations, teamwork, and conflict management; and apply those skills in leadership and/or peer support roles Guidance and Career Education

IDC4U LEADERSHIP IN THE COMMUNITY (UNIVERSITY)

PREREQUISITE: GPP30

This university level course will facilitate students' growth as ethical and socially responsible leaders through both practical activities and theoretical research. The students will develop interpersonal skills in identifying their own strengths and weaknesses, leadership styles, and character traits. The students will develop interpersonal skills in problem solving, group management and effective communications in small and large groups. In addition, students will develop an understanding of leadership theory through research and leadership case study. Finally, the students will apply their skills in a significant project designed to connect to the school community.



VISUAL ARTS

AVI10 VISUAL ARTS (OPEN)

PREREQUISITE: None

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

AVI20 VISUAL ARTS (OPEN)

PREREQUISITE: None

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

AVI3M VISUAL ARTS (UNIVERSITY/COLLEGE PREPARATION) (OPEN)

PREREQUISITE: Visual Arts, Grade 9 or 10, Open

This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through stu-

dio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emergent technologies. Students will use the critical analysis process when evaluating their own work and the work of others. The course may be delivered as a comprehensive program or through a program focused on a particular art-form (e.g. photography, video, computer graphics, information design).

AVI30 VISUAL ARTS (OPEN)

PREREQUISITE: None

This course focuses on studio activities in the visual arts, such as drawing, painting, sculpture, photography, print making, collage, and/or multimedia arts. Students will use the creative process to create art works that reflect a wide range of subjects and will evaluate works using the critical analysis process. Students will also explore works or art within a personal, contemporary, historical and cultural context.

AVI4M VISUAL ARTS (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: Visual Arts, Grade 11, University/College Preparation

This course focuses on enabling students to refine their use of the creative process when creating and presenting two- and three-dimensional art works using a variety of traditional and emerging media and technologies. Students will use the critical analysis process to deconstruct art works and explore connec-

tions between art and society. The studio program enables students to explore a range of materials, processes, and techniques that can be applied in their own art production. Students will also make connections between various works of arts in personal, contemporary, historical, and cultural contexts.

AWQ30 PHOTOGRAPHY (OPEN)

PREREQUISITE: None

This course emphasizes the development of the knowledge and skills required for the production of visual art works, specifically photography. Students will develop an appreciation of the history of photography through analyzing specific photos, and will also create images of their own using traditional black and white photography and digital photography. Photoshop will be used extensively for digital image manipulation. There is a \$35.00 darkroom materials upgrade fee for this course. Topics Include: black and white traditional SLR photography, film processing and darkroom, techniques such as handtinting, lighting, and special darkroom processes, digital still photography and computer based photo manipulation, and portfolio creation.

AWQ4M PHOTOGRAPHY (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: AWQ30

This course emphasizes the development of the knowledge and skills

required for the production of visual art works, specifically photography. This course builds on the foundations established in AWQ3O. Students will analyze and evaluate photography as an art form and will create their own works using a variety of techniques and processes (traditional black and white photography, digital photography, photo manipulation). Students build a portfolio of work that includes pinhole, colour and black and white prints, and digitally manipulated images - the last third of the course students work on independent student proposed assignments. There is a \$40.00 darkroom materials upgrade fee for this course.

MEDIA ARTS

ASM20 MEDIA ARTS (OPEN)

PREREQUISITE: None

This course enables students to create media art works by exploring new media, emerging technologies such as digital animation, and a variety of traditional art forms such as film, photography, video, and visual arts. Students will acquire communication skills that are transferable beyond the media arts classroom and develop an understanding of responsible practices related to the creative process. Students will develop the skills necessary to create and interpret media art works.

ASM4E MEDIA ARTS (WORK-PLACE PREPARATION)

PREREQUISITE: ASM20

This course focuses on a practical approach to a variety of media arts challenges specific to the interests of the student and provides students with opportunities to examine media arts in relationship to the world of work. Students will develop works that express their views on contemporary issues and will create portfolios suitable for use in post-secondary work experiences. Students will critically analyze the role of media

artists in shaping audience perceptions of identity, culture, and community values, particularly with the context of the workplace

ASM4M MEDIA ARTS (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: a previous senior Arts course and ASM20

This course emphasizes the refinement of media arts skills through the creation of a thematic body of work by applying traditional and emerging technologies, tools, and techniques such as multimedia, computer animation, installation arts, and performance art. Students will develop works that express their views on contemporary issues and will create portfolios suitable for use in either career or post-secondary education applications. Students will critically analyze the role of media artists in shaping audience perceptions of identity, culture and community values. For the ASM4M course-a 70% average in ASM20 is recommended.

DRAMA

ADA10 DRAMATIC ARTS (OPEN)

PREREQUISITE: None

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

ADA20 DRAMATIC ARTS (OPEN)

PREREQUISITE: None

This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cul-

tures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.

ADA3O DRAMA (OPEN)

PREREQUISITE: grade 9 or 10 drama

This course requires students to engage in dramatic processes and the presentation of dramatic works, and emphasizes the application of drama skills in other contexts and opportunities. Students will interpret and present works in a variety of dramatic forms, create and script original works, and critically analyze the processes involved in producing dramatic works. Students will develop a variety of skills related to collaboration and the presentation of dramatic works.

ADA3M DRAMATIC ARTS (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: grade 9 or 10 drama

This course requires students to create and perform in dramatic presentations. Students will analyze, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations, and analyze the functions of playwrights, directors, actors, designers, technicians, and audiences.

ADA4M DRAMATIC ARTS (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: Dramatic Arts, Grade 11, University/College Preparation or Open.

This course requires students to experiment individually and collaboratively with forms and conventions of both drama and theatre from

various cultures and time periods. Students will interpret dramatic literature and other text and media sources while learning about various theories of directing and acting. Students will examine the significance of dramatic arts in various cultures, and will analyze how the knowledge and skills developed in drama are related to their personal skills, social awareness, and goals beyond secondary school.

ADA4E DRAMA, (WORKPLACE PREPARATION)

PREREQUISITE: ADA3O

This course requires students to create and present a variety of dramatic works relevant to the workplace. Students will develop character both through hands-on experience and project-based learning to build trust and collaborative skills and develop self confidence. Students will also explore skills related to the study of drama that can be applied in the workplace.

MUSIC

AMU1O INSTRUMENTAL MUSIC (OPEN)

PREREQUISITE: None

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

AMU2O MUSIC (OPEN)

PREREQUISITE: None

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

AMV2O VOCAL MUSIC (OPEN)

PREREQUISITE: None

This course is offered to further the students' development and understanding of music. Studies include relative theory such as pitch, rhythm, dynamics, tone, texture, and form. Choir is offered to interested students. Topics include: the study of Broadway musicals and pop music history, development of vocal skills through various exercises, and the pop music history, development of vocal skills through various exercises. Music includes: pop, rock, jazz, blues, country and classical.

AMU3M INSTRUMENTAL MUSIC (COLLEGE/UNIVERSITY PREPARATION)

PREREQUISITE: Music, Grade 9 or 10, Open

This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative pro-

cess when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analyzing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers.

AMV3O VOCAL/CHORAL MUSIC (OPEN)

PREREQUISITE: NONE

This course develops students' artistic knowledge and skills through the performance of vocal music and the preparation of vocal music productions. Students will perform appropriate works, particularly works in contemporary popular styles. Independently and in groups, they will also plan, market, and produce vocal music productions, making use of appropriate technology, and will evaluate the results.

AMU4M MUSIC (UNIVERSITY COLLEGE PREPARATION)

PREREQUISITE: AMU3M

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

BUSINESS STUDIES

BTT1O INFORMATION AND COMMUNICATION TECHNOLOGY IN BUSINESS (OPEN)

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology. The skills developed in this course will enhance student performance throughout their school and professional career.

BB12O INTRODUCTION TO BUSINESS (OPEN)

PREREQUISITE: None

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information technology, human resources, and production, and of the importance of ethics and social responsibility. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives.

BTT2O INFORMATION AND COMMUNICATION TECHNOLOGY IN BUSINESS (OPEN)

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology. (Students can only receive credit for one of BTT1O OR BTT2O)

BAF3M FINANCIAL ACCOUNTING FUNDAMENTALS (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: None

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



**BMI3C MARKETING: GOODS, SERVICES, EVENTS
(COLLEGE PREPARATION)**

PREREQUISITE: None

This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice.

**BOG4E BUSINESS LEADERSHIP: BECOMING A MANAGER
(WORKPLACE PREPARATION)**

PREREQUISITE: None

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

**BOH4M BUSINESS LEADERSHIP: MANAGEMENT FUNDAMENTALS
(UNIVERSITY COLLEGE PREPARATION)**

PREREQUISITE: Any University, University/College, or College preparation course in business studies, English, or Canadian and World Studies

This course focuses on the development of leadership skills used in managing a successful business. Students will analyze the role of a leader in business with a focus on decision making, management of group dynamics, workplace stress and conflict, motivation of employees, and planning. Effective business communication skills, ethics, and social responsibility will be emphasized throughout the course. Students will develop leadership skills through organizing and planning a business venture.



CANADIAN & WORLD STUDIES



CGC1D GEOGRAPHY OF CANADA (ACADEMIC)

This course explores Canada's distinct and changing character and the geographic systems and relationships that shape it. Students will investigate the interactions of natural and human systems within Canada, as well as Canada's economic, cultural, and environmental connections to other countries. Students will use a variety of geotechnologies and inquiry and communication methods to analyze and evaluate geographic issues and present their findings. **Topics include:** Physical characteristics, population characteristics, resource industries, manufacturing industries, transportation modes, and networks, urban character, and local area characteristics. All units have a continuing theme of our impact on the earth and sustainability of our resources.

CGC1P GEOGRAPHY OF CANADA (APPLIED)

This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences to learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings. **Topics include:** Physical

characteristics, population characteristics, resource industries, manufacturing industries, transportation modes, and networks, urban character, and local area characteristics. All units have a continuing theme of our impact on the earth and sustainability of our resources.

CHC2D CANADIAN HISTORY IN THE TWENTIETH CENTURY (ACADEMIC)

PREREQUISITE: None

This course explores the local, national, and global forces that have shaped Canada's national identity from World War I to the present. Students will investigate the challenges presented by economic, social, and technological changes and explore the contributions of individuals and groups to Canadian culture and society during this period. Students will use critical-thinking and communication skills to evaluate various interpretations of the issues and events of the period and to present their own points of view. **Topics include:** World War I, World War II, The Great Depression, Roaring Twenties, Current Events and Issues and their historical roots.

CHC2P CANADIAN HISTORY IN THE TWENTIETH CENTURY (APPLIED)

PREREQUISITE: None

This course explores some of the

events and experiences that have influenced the development of Canada's identity as a nation, from World War I to the present. By examining how the country has responded to economic, social, and technological changes and how individuals and groups have contributed to Canadian culture and society during this period, students will develop their ability to make connections between historical and current events. Students will have opportunities to formulate questions, locate information, develop informed opinions, and present ideas about the central issues and events of the period. **Topics include:** World War I, World War II, The Great Depression, Roaring Twenties, Current Events and Issues and their historical roots.

CHV2O CIVICS (OPEN)

This course explores what it means to be an informed, participating citizen in a democratic society. Students will learn about the elements of democracy in local, national, and global contexts, about political reactions to social change, and about political decision-making processes in Canada. They will explore their own and others' ideas about civics questions and learn how to think critically about public issues and react responsibly to them. This course is a half-credit compulsory requirement for graduation and will be paired with

GLC2O, **topics include:** How governments worked in the past - how governments work today, rights and responsibilities of a Canadian citizen.

CGF3M PHYSICAL GEOGRAPHY (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: CGC1D or CGC1P

This course examines the major patterns of physical geography and the powerful forces that affect them. Students will investigate the dynamic nature of the earth, the evolving relationship between the planet and its people, and the factors that limit our ability to predict the changes that will occur. Students will use a wide range of geotechnologies and inquiry methods to investigate the distribution and interaction of the elements of their physical environment and to communicate their findings.

CGG3O REGIONAL GEOGRAPHY: TRAVEL AND TOURISM (OPEN)

PREREQUISITE: CGC1D1 or CGC1P

This course focuses on travel and tourism as a vehicle for the study of selected world regions. Using a variety of geotechnologies and inquiry and communication methods, students will conduct and present case studies that develop their understanding of the unique characteristics of selected world regions; the environmental, cultural, economic, and political factors that influence travel and tourism; and the impact of the travel industry on communities and environments around the world.

Topics include: Introduction to Tourism (Unit 1), regional study of New York City, Australia, Brazil, and Europe.

CHT3O HISTORY SINCE 1900: GLOBAL AND REGIONAL PERSPECTIVES (OPEN)

PREREQUISITE: CHC2D or CHC2P

This course focuses on the major events and issues in world history

from 1900 to the present. Students will investigate the causes and effects of global and regional conflicts and the responses of individuals and governments to social, economic, and political changes. Students will use critical-thinking and communication skills to formulate and test points of view, draw conclusions, and present their findings about the challenges facing people in various parts of the world.

CHW3M WORLD HISTORY TO THE SIXTEENTH CENTURY (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: CHC2D or CHC2P

This course investigates the history of humanity from earliest times to the sixteenth century. Students will analyze diverse societies from around the world, with an emphasis on the political, cultural, and economic structures and historical forces that have shaped the modern world. They will apply historical inquiry, critical-thinking, and communication skills to evaluate the influence of selected individuals, groups, and innovations and present their conclusions. Highlights of this course include the study of prehistoric humans, ancient Egypt, Greece, Rome and the Medieval World. Other civilizations from Asia, Africa and Americas may also be examined.

CLU3M UNDERSTANDING CANADIAN LAW (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: CHC2D or CHC2P

This course explores Canadian law with a focus on legal issues that are relevant to people's everyday lives. Students will investigate fundamental legal concepts and processes to gain a practical understanding of Canada's legal system, including the criminal justice system. Students will use critical-thinking, inquiry, and communication skills to develop informed opinions on legal issues

and apply this knowledge in a variety of ways and settings, including case analysis, legal research projects, mock trials, and debates.

CLU3E UNDERSTANDING CANADIAN LAW (WORKPLACE PREPARATION)

PREREQUISITE: CHC2D or CHC2P

This course gives students practical information about legal issues that directly affect their lives. Students will examine the need for laws in society, the roots of Canada's legal system, the rights and freedoms that people in Canada enjoy, and the basic elements of criminal law and dispute resolution. Through experiences such as mock trials, debates, and case studies, students will apply inquiry and communication skills to develop and express opinions on legal topics of interest to them.

CGR4E THE ENVIRONMENT AND RESOURCE MANAGEMENT (WORKPLACE PREPARATION)

PREREQUISITE: CGC1D or CGC1P

This course examines the influence of human activities on the natural environment. Students will study ecosystem structures and processes, the ecological impact of human activities, and methods of responsible resource management. Students will apply geotechnologies and geographic inquiry methods to develop and present practical solutions to environmental and resource-management issues. In the process, students' problem-solving and communication skills will be enhanced in preparation for careers and the workplace. **Topics include:** Evaluating how we live, natural systems, pollution, population and resources, and local environment.

CGW4U CANADIAN AND WORLD ISSUES: A GEOGRAPHIC ANALYSIS (UNIVERSITY PREPARATION)

PREREQUISITE: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities.

This course examines the global challenges of creating a sustainable and equitable future, focusing on current issues that illustrate these challenges. Students will investigate a range of topics, including cultural, economic, and geopolitical relationships, regional disparities in the ability to meet basic human needs, and protection of the natural environment. Students will use geotechnologies and skills of geographic inquiry and analysis to develop and communicate balanced opinions about the complex issues facing Canada and a world that is interdependent and constantly changing. Topics include: World Over Population and Hunger, economic issues eg: rich and poor countries, environmental issues - focus on global warming, political and social issues eg. specific conflicts, aids, inequities of males and females.

CGU4U WORLD GEOGRAPHY: HUMAN PATTERNS AND INTERACTIONS (UNIVERSITY PREPARATION)

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

This course examines how humans interact with their natural environments and with each other. Students will study the influence of spatial, political, economic, and social factors on settlement patterns, human migration, cultural change, globalization, and environmental trends. Students will use geotechnologies and skills of geographic inquiry and analysis to extend their knowledge of human geography, identify and explain current trends and patterns and predict future ones. Topics include: Human settlement patterns, human migration/population trends, culture, globalization.

CHM4E ADVENTURES IN WORLD HISTORY (WORKPLACE PREPARATION)

PREREQUISITE: CHC2D or CHC2P

This course explores a variety of human experiences in world history from earliest times to the present. Students will learn about a wide range of societies and cultures, examining such things as systems of government, technological developments, work, art, and religion. Students will apply methods of research and inquiry to examine human societies in many different times and places and to communicate points of view about their findings. Topics include: Archaeology, Egypt, Greece, Rome, Middle Ages, buildings, technology, important people.

CHY4U WORLD HISTORY: THE WEST AND THE WORLD (UNIVERSITY PREPARATION)

PREREQUISITE: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities.

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. They will use critical-thinking and communication skills during lectures, class discussion, seminars and presentations to investigate the historical roots of contemporary issues and present their conclusions.

Highlights of this course include examining the Russian, French, Industrial and Scientific Revolutions, global connections, the West and its relationship with Islamic nations, the Enlightenment, the Renaissance, Romanticism, Realism and the Reformation. Note: CHA3U, CHW3M strongly recommended.

CHY4C WORLD HISTORY: THE WEST AND THE WORLD COLLEGE PREPARATION

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

This course explores the history of the world since the sixteenth century, emphasizing 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 apply their developing skills of historical inquiry to understand and communicate ideas about the forces that have formed our modern world. Topics include: Renaissance, Reformation, revolutions, important people, conflicts and discoveries.

CLN4U CANADIAN AND INTERNATIONAL LAW (UNIVERSITY PREPARATION)

PREREQUISITE: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities.

This course examines elements of Canadian and international law in social, political, and global contexts. Students will study the historical and philosophical sources of law and the principles and practices of international law and will learn to relate them to issues in Canadian society and the wider world. Students will use critical-thinking and communication skills to analyze legal issues, conduct independent research, and present the results of their inquiries in a variety of ways. Topics include: Sources of law, theory and concepts of law, law and society, rights and freedoms, criminal law and procedures, international law, labour and environmental law, methods of legal inquiry.

COMPUTER INFORMATION & TECHNOLOGY

BTT10 INFORMATION AND COMMUNICATION TECHNOLOGY IN BUSINESS

PREREQUISITE: None

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software and website design skills. Throughout the course there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology.

BTT20 INFORMATION AND COMMUNICATION TECHNOLOGY IN BUSINESS (OPEN)

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues

related to the impact of information and communication technology. (Students can only receive credit for one of BTT10 OR BTT20)

TEJ20 COMPUTER TECHNOLOGY (OPEN)

PREREQUISITE: None

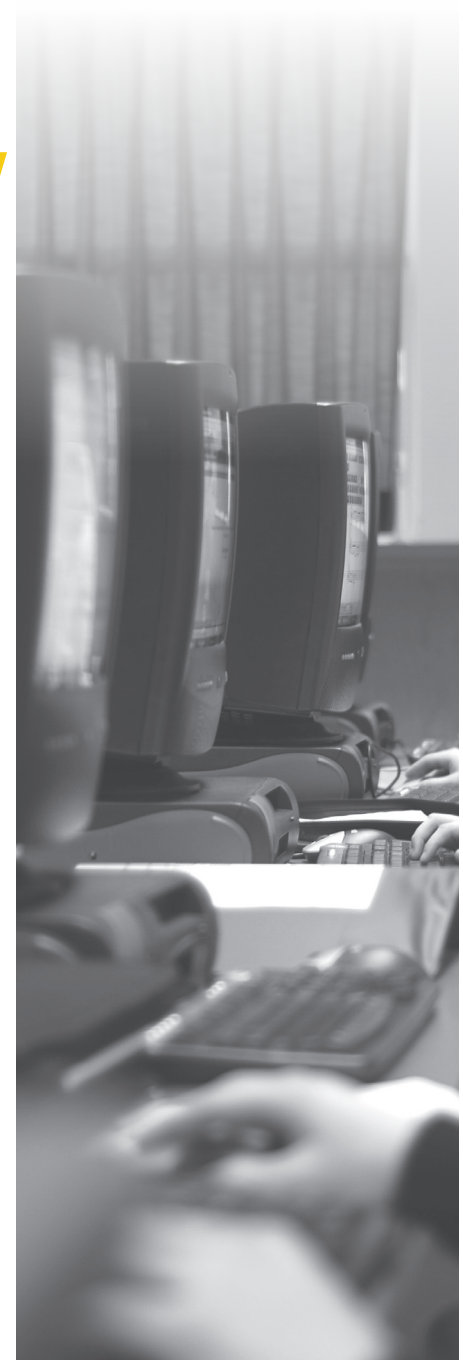
This course introduces students to computer hardware systems, networking, and interfacing (controlling external devices with the computer) as well as electronics. Students will assemble, repair, and configure computers with various types of operating systems and application software. Students will build small electronic circuits and write computer programs to control simple peripheral devices or robots. This will include a one unit introduction to simple computer programming. Students will also develop an awareness of related environmental and societal issues, and will learn about secondary and post-secondary pathways and career opportunities in computer technology.

BTA30 INFORMATION TECHNOLOGY APPLICATIONS IN BUSINESS (OPEN)

PREREQUISITE: None

This course prepares students for the digital environment. Using a hands-on approach, students will further develop information and communication technology skills through the

use of common business software applications. The concept and operation of e-business will be explored, and students will design and create an e-business website. The skills developed in this course will prepare students for success in the workplace and/or post-secondary studies.



LANGUAGES

LWSAD1/LWSBD1 SPANISH, LEVEL 1

PREREQUISITE: None

This course is an introduction to Spanish (one of the three official languages of the United Nations). The focus for the semester is vocabulary development and language structures for everyday conversation. Students will also explore the music and culture of Spain and Latin America.

LWSCU SPANISH, LEVEL 2

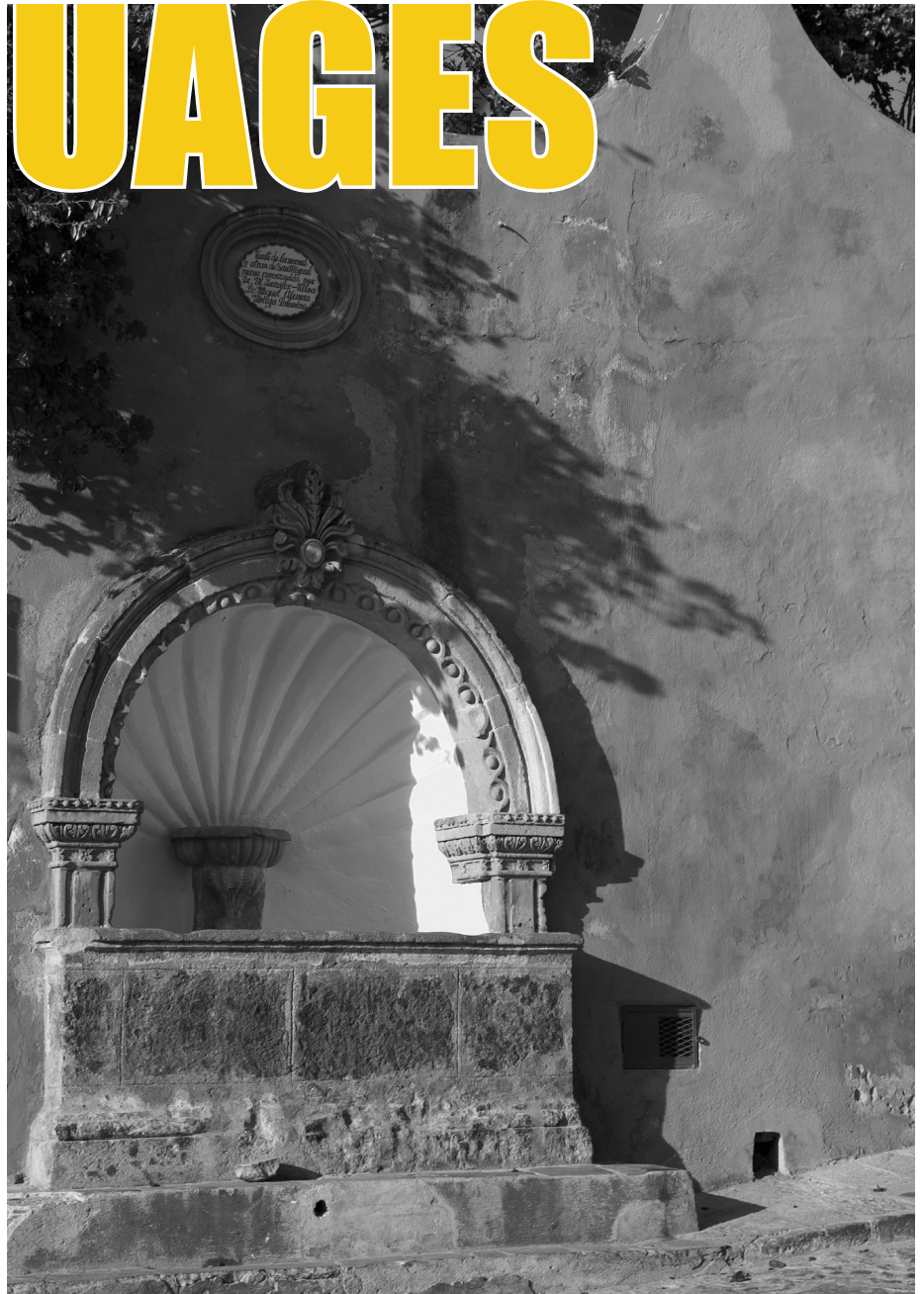
PREREQUISITE: LWSAD1

This course offers students opportunities to further develop their knowledge of the international language and to enhance their communication skills. Students will use increasingly sophisticated language in a variety of activities that will enable them to speak and write with clarity and accuracy. Students will also enhance their thinking skills through the critical study of literature, and continue to explore aspects of the culture of countries where the language is spoken through a variety of print and technological resources. (Can be taken in any year of secondary school)

LWSDU SPANISH, LEVEL 3

PREREQUISITE: Spanish, Level 2

This course prepares students for university studies in the international language. Students will enhance their ability to use the language with clarity and precision, and will develop the language skills needed to engage in sustained conversations and discussions, understand and evaluate information, read diverse materials for both study and plea-



sure, and write clearly and effectively. Students will also have opportunities to add to their knowledge of the culture of countries where the language is spoken through the use of community resources and computer technology.

LNABO NATIVE LANGUAGES

PREREQUISITE: At least four years of study of a Native language in elementary school, successful completion of LNAAO, or demonstrated proficiency.

This course will enable students to experience the unique respect for life that permeates Native languages and cultures. Students will expand their vocabulary and knowledge of phrases and expressions, using them in simple dialogues, narrative writing, grammatical constructions, and reading, and to exchange information electronically.

ENGLISH

ENG1D ENGLISH (ACADEMIC)

This course is designed to develop the oral communication, reading, writing and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyze literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

ENG1P ENGLISH (APPLIED)

This course is designed to develop the key oral and communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11&12.

ENG1L ENGLISH

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the English Grade 11 Workplace Preparation course. The course is organized by strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and in using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

ENG2D ENGLISH (ACADEMIC)

PREREQUISITE: English, Grade 9, Academic or Applied

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyze literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication.

ENG2P ENGLISH (APPLIED)

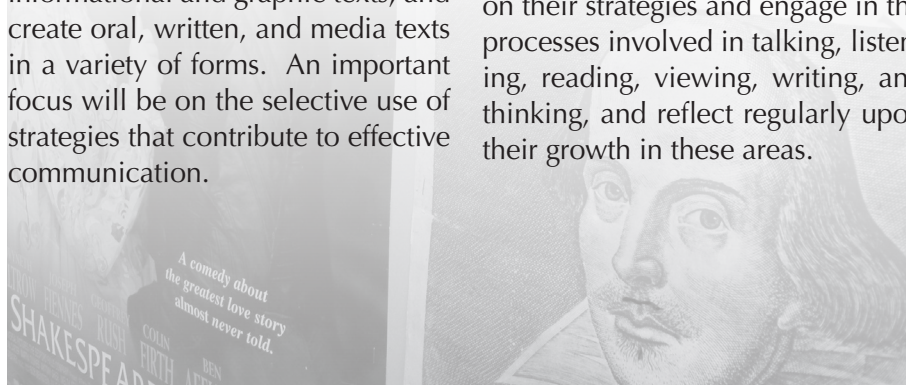
PREREQUISITE: English, Grade 9, Academic or Applied

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

ENG2L ENGLISH

PREREQUISITE: ENG1L

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



ENG3C ENGLISH (COLLEGE PREPARATION)

PREREQUISITE: English, Grade 10, Applied

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada and other countries, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. The course is intended to prepare students for the compulsory Grade 12 college preparation course.

ENG3E ENGLISH (WORKPLACE PREPARATION)

PREREQUISITE: English, Grade 10, Applied or ENG2L

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

ENG3U ENGLISH (UNIVERSITY PREPARATION)

PREREQUISITE: English, Grade 10, Academic

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in aca-

demic and daily life. Students will analyze challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university course.

ENG4C ENGLISH (COLLEGE PREPARATION)

PREREQUISITE: English, Grade 11, College Preparation

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze a variety of informational and graphic texts, as well as literary texts from various countries and cultures, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity and developing greater control in writing. The course is intended to prepare students for college or the workplace. Focus: Continuing the emphasis on clear communication, students may also read texts including *Macbeth*, a selection of short stories and articles, as well as a modern Canadian novel.

ENG4E ENGLISH (WORKPLACE PREPARATION)

PREREQUISITE: English, Grade 11, Workplace Preparation

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in the workplace and in daily life. Students will analyze informational, graphic, and literary texts and create oral,

written, and media texts in a variety of forms for workplace-related and practical purposes. An important focus will be on using language accurately and organizing ideas and information coherently. The course is intended to prepare students for the workplace and active citizenship.

ENG4U ENGLISH (UNIVERSITY PREPARATION)

PREREQUISITE: English, Grade 11, University Preparation

This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze a range of challenging literary texts from various periods, countries and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. Focus: The focus of this course is on formal essay writing and research skills in preparation for university studies. Texts may include a Shakespearean tragedy and independent study of a contemporary novel.

OLC4O ONTARIO SECONDARY SCHOOL LITERACY COURSE 12

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 requirements 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.

ONTARIO LITERACY COURSE

OLC4O - On the option sheet the

OLC4O is a required course if you have not passed the Ontario School Literacy Test. A student must have passed either the Ontario School Literacy Test or the OLC4O course in order to graduate with a Ontario Secondary School Diploma.

FRENCH AS A SECOND LANGUAGE

FSF1D CORE FRENCH (ACADEMIC)

PREREQUISITE: Minimum of 600 hours of French instruction, or equivalent.

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 a variety of themes, such as relationships, social 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.

FSF1P CORE FRENCH (APPLIED)

PREREQUISITE: Minimum of 600 hours of French instruction, or equivalent.

This course emphasizes the concurrent development of oral communication, reading, and writing skills, using a broad-based theme such as the media. Students will enhance their ability to understand and speak French through conversations, discussions, and presentations. They will also read short stories, articles, poems, and songs, and write brief descriptions, letters, dialogues, and invitations.

FSF2D CORE FRENCH (ACADEMIC)

PREREQUISITE: FSF1D or FSF1P

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.

FSF3O CORE FRENCH OPEN

PREREQUISITE: Core French, Grade 10, Applied FSF2P

This course draws on a broad based theme, such as leisure activities, to develop oral communication, reading, and writing skills. Students will give presentations, read a selection of short stories and articles, and produce a variety of written assignments. The use of correct grammar and appropriate language conventions in both spoken and written French will be emphasized throughout the course.

FSF3U CORE FRENCH (UNIVERSITY PREPARATION)

PREREQUISITE: FSF2D.

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 different 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.

FSF4U CORE FRENCH (UNIVERSITY PREPARATION)

PREREQUISITE: FSF3U

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.

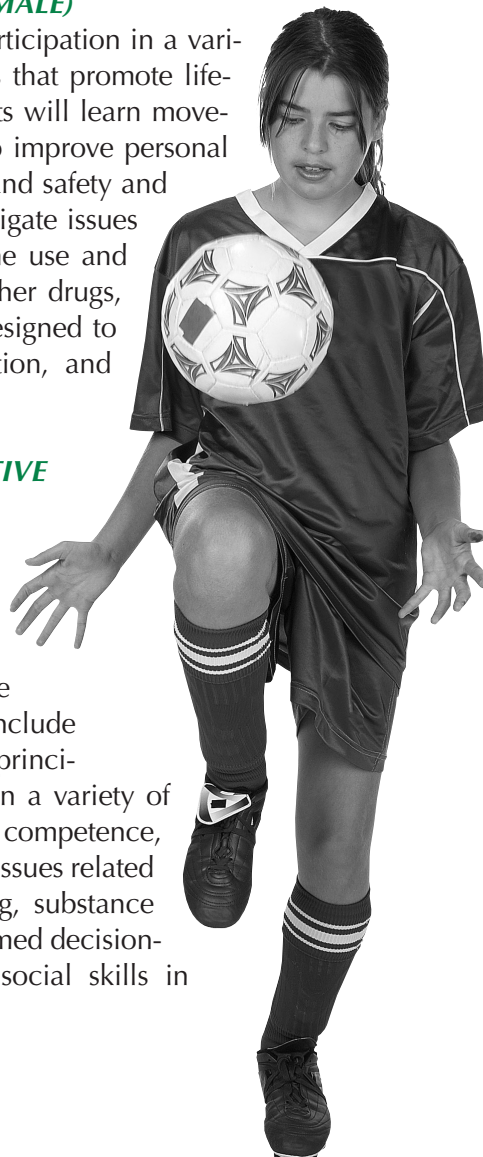
HEALTH & PHYSICAL EDUCATION

PPL1OF (FEMALE) HEALTHY ACTIVE LIVING EDUCATION (OPEN) PPL1OM (MALE)

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

PPL2OF (FEMALE) HEALTHY ACTIVE LIVING EDUCATION PPL2OM (MALE) (OPEN)

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



PPL3O HEALTHY ACTIVE LIVING EDUCATION (OPEN)

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

PPZ3O HEALTH FOR LIFE OPEN

Prerequisite: None

This course helps students develop a personalized approach to healthy living. Students will examine the factors that affect their own health and the health of individuals as members of the community. They will learn about the components of the Vitality approach to healthy living - an initiative that promotes healthy eating, exercise physiology, an active lifestyle, anatomy and sports injuries, a positive self-image, sexuality and philosophy of sport. Throughout this course, the students will develop the skills necessary to take charge of and improve their own health, as well as to encourage others to lead healthy lives. This course will promote coaching techniques, as well as direct students towards the exercise science course in grade 12.

PPL4O HEALTHY ACTIVE LIVING EDUCATION (OPEN)

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of sports and recreational activities that have the potential to engage students' interest throughout their lives. Students will

develop and implement personal physical fitness plans. In addition, they will be given opportunities to refine their decision-making, conflict-resolution, and interpersonal skills, with a view to enhancing their mental health and their relationships with others.

PAF30 PERSONAL AND FITNESS ACTIVITIES (OPEN)

PREREQUISITE: None

This course focuses on the development of a healthy lifestyle and participation in a variety of enjoyable physical activities that have the potential to engage students' interest throughout their lives. Students will be encouraged to develop personal competence in a variety of movement skills, and will be given opportunities to practice goal setting, decision making, coping, social, and interpersonal skills. Students will also study the components of healthy relationships, reproductive health, mental health, and personal safety. This course focuses solely on activities pertaining to strength training and cardiovascular conditioning. Course fees may be required for specialized activities. All grades welcome if numbers warrant, sections will be split into males and females.

PSK4U INTRODUCTION TO KINESIOLOGY (UNIVERSITY PREPARATION)

PREREQUISITE: Any Grade 11 University or University/College Preparation course in science, or any Grade 11 or 12 Open course in health and physical education.

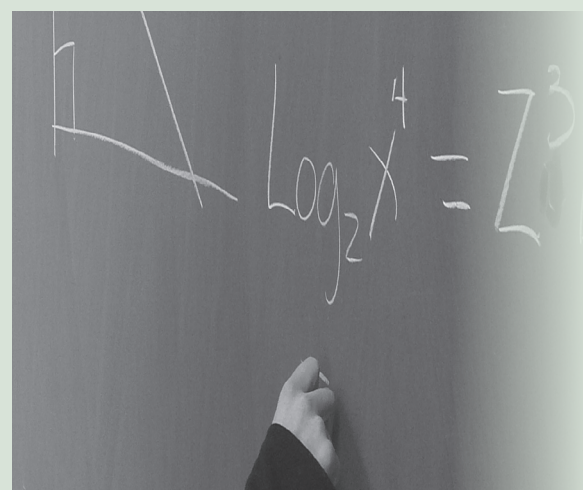
This course focuses on the study of human movement and of systems, factors, and principles involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sports, and the factors that influence an individual's participation in phys-

ical activity. The course prepares students for university programs in physical education, kinesiology, recreation, and sports administration.

PAL 30 WRESTLING

This course emphasizes regular participation in wrestling and development of skills as well as fitness training. Student learning will include the application of movement principles to refine skills. This will be achieved through sport specific fitness training and various activities to enhance persons competence, fitness and health. The health components of the will include examination of issues relating 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.

NOTE: The majority of this course will focus on the fundamentals of wrestling. This includes conditioning and techniques which require body contact with a classmate of the same gender.



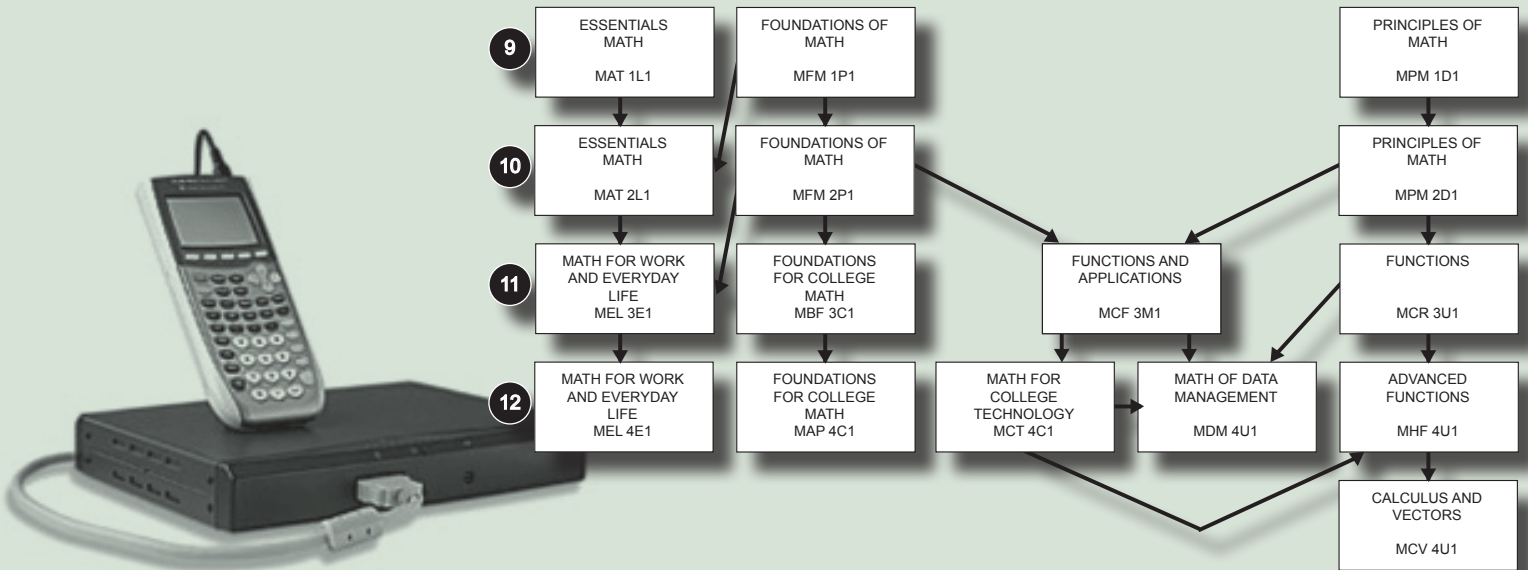
MAT1L LOCALLY DEVELOPED MATHEMATICS

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

MFM1P FOUNDATIONS OF MATHEMATICS (APPLIED)

This course enables students to develop understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples

MATHEMATICS



to develop various representations of linear relationships, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Successful completion of this course prepares students for Foundations of Mathematics, Grade 10, Applied (MFM2P). (Note: Students who wish to take Principles of Mathematics, Grade 10, Academic [MPM2D] after completing this course will need to take a transfer course.) Learning through hands-on activities and the use of concrete examples is an important aspect of this course. Topics include: Graphs on the x-y plane, graphical models, optimization and composite figures, powers, linear and nonlinear models, rates and slope, plane geometry,

algebraic models, ratio, rate, proportion.

MPM1D PRINCIPLES OF MATHEMATICS (ACADEMIC)

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

10, Academic (MPM2D) or Foundations of Mathematics, Grade 10, Applied (MFM2P). Learning through abstract reasoning is an important aspect of this course. Topics include: Rational numbers, interpreting graphs, algebra, collecting and interpreting data, slope, the Cartesian Plane, linear & non-linear relationships, equation of a line, powers, Pythagorean Theorem, algebraic models, scatter plots measurement, geometry, ratio and rate.

MAT2L LOCALLY DEVELOPED MATHEMATICS

PREREQUISITE: MAT1L

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In

all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

MFM2P FOUNDATIONS OF MATHEMATICS (APPLIED)

PREREQUISITE: MFM1P or (MPM1D Crossover course recommended)

This course enables students to consolidate their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and hands-on activities. Students will develop and graph equations in analytic geometry; solve and apply linear systems, using real-life examples; and explore and interpret graphs of quadratic relationships. Students will investigate similar triangles, the trigonometry of right-angled triangles, and the measurement of three-dimensional objects. Students will consolidate their mathematical skills as they solve problems and communicate their thinking. Topics include: Ratio and proportion problems, similar triangles, Pythagoras's Law, trigonometry, point of intersection using graphing, substitution, elimination, equations of linear relations, multiply binomials, factor polynomials, solve quadratic equations, problem solving using quadratic functions.

MPM2D PRINCIPLES OF MATHEMATICS (ACADEMIC)

PREREQUISITE: MPM1D - A mark of at least 70% is recommended.

This course enables students to broaden their understanding of relationships and extend their problem-

solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relationships and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically as they solve multi-step problems and communicate their thinking. Topics include: Solving systems of equations, equations of medians, circles, right-bisectors, formulas for midpoints, distance, slope, properties of rectangles, triangles, parallelograms, factoring, quadratic equations, properties of the quadratic function, solve problems using quadratic functions.

MBF3C FOUNDATIONS FOR COLLEGE MATHEMATICS (COLLEGE PREPARATION)

PREREQUISITE: MFM2P

This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations, as well as of measurement and geometry; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analyzing, and evaluating data involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

MCF3M FUNCTIONS AND APPLICATIONS (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: MPM2D or MPM2P

This course introduces basic features of the function by extending stu-

dents' experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modelling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to financial and trigonometric applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

MEL3E MATHEMATICS FOR WORK AND EVERYDAY LIFE (WORKPLACE PREPARATION)

PREREQUISITE: MFM1P, MFM2P or MAT2L

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

MCR3U FUNCTIONS (UNIVERSITY PREPARATION)

PREREQUISITE: MPM2D

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; and develop facility in simplifying polynomial and rational

expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

**MAP4C FOUNDATIONS
FOR COLLEGE MATHEMATICS
(COLLEGE PREPARATION)**

PREREQUISITE: Foundations for College Mathematics, Grade 11, College Preparation

This course enables students to broaden their understanding of real-world applications of mathematics. Students will analyze data using statistical methods; solve problems involving applications of geometry and trigonometry; simplify expressions; and solve equations. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for college programs in areas such as business, health sciences, and human services, and for certain skilled trades.

**MCT4C MATHEMATICS FOR
COLLEGE TECHNOLOGY
(COLLEGE PREPARATION)**

PREREQUISITE: Functions and Applications, Grade 11, University / College Preparation

This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, exponential, and trigonometric functions; continue to represent functions numerically, graphically, and algebraically; develop facility in simplifying expressions and solving equations; and solve problems that address applications of algebra, trigonometry, vectors, and geometry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for a variety of college technology programs.

**MCV4U CALCULUS AND VECTORS
(UNIVERSITY PREPARATION)**

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors, and representations of lines and planes in three-dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, rational, exponential, and sinusoidal functions; and apply these concepts and skills to the modeling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who plan to study mathematics in university and who may choose to pursue careers in fields such as physics and engineering.

Note: The new Advanced Functions can be taken concurrently with or can precede Calculus and Vectors.

**MDM4U MATHEMATICS
OF DATA MANAGEMENT
(UNIVERSITY PREPARATION)**

PREREQUISITE: Functions and Applications, Grade 11, University / College Preparation, or Functions, Grade 11, University Preparation

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing large amounts of information; solve problems involving probability and statistics; and carry out a culminating project that integrates statistical concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. Students planning to enter university in business, the social sciences, and the humanities will find this course of particular interest.

**MEL4E MATHEMATICS FOR
WORK AND EVERYDAY LIFE
(WORKPLACE PREPARATION)**

PREREQUISITE: Mathematics for Work and Everyday Life, Grade 11, Workplace Preparation

This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will investigate questions involving the use of statistics; apply the concept of probability to solve problems involving familiar situations; investigate accommodation costs and create household budgets; use proportional reasoning; estimate and measure; and apply geometric concepts to create designs. Students will consolidate their mathematics skills as they solve problems and communicate their thinking.

**MHF4U ADVANCED FUNC-
TIONS (UNIVERSITY PREPARA-
TION)**

PREREQUISITE: Functions, Grade 11, University Preparation, or Mathematics for College Technology, Grade 12, College Preparation

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended both for students who plan to study mathematics in university and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs.

SCIENCE

SNC1L SCIENCE

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace and in the Grade 10 essential and/or Grade 11 Workplace. Students explore a range of topics including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities. Topics include: Science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits.

SNC1P SCIENCE (APPLIED)

Prerequisite: None

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity. Topics include: Sustainable ecosystems and human activity, exploring mat-

ter, space exploration and electrical applications.

SNC1D SCIENCE (ACADEMIC)

Prerequisite: None

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations. Topics include: Sustainable ecosystems, atoms, elements and compounds, the study of the universe and the characteristics of electricity.

SNC2L SCIENCE (ESSENTIALS)

Prerequisite: SNC1L

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the environmental impact of science and technology, to prepare students for success in everyday life, in the workplace and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics including science in the media, interactions of common materials, interdependence of organisms in communities, and using electrical energy. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through



relevant and practical science activities

SNC2P SCIENCE (APPLIED)

Prerequisite: Science, Grade 9, Academic or Applied

This course enables students to develop a deeper understanding of concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science in real-world situations. Students are given opportunities to develop further practical skills in scientific investigation. Students will plan and conduct investigations into everyday problems and issues. Topics include: Tissues, organs and systems, chemical reactions and their practical applications, earth's dynamic climate, light and applications of optics.

SNC2D SCIENCE (ACADEMIC)

Prerequisite: Science, Grade 9, Academic or Applied

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories. Topics include: Tissues, organs and systems

of living things, chemical reactions, climate change, light and geometric optics.

SBI3C BIOLOGY **(COLLEGE PREPARATION)**

PREREQUISITE: SNC2D or SNC2P

This course focuses on the processes that occur in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields. Topics include: cellular biology, microbiology, genetics, anatomy of mammals, plants in the natural environment.

SBI3U BIOLOGY **(UNIVERSITY PREPARATION)**

PREREQUISITE: SNC2D

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

SCH3U CHEMISTRY **(UNIVERSITY PREPARATION)**

PREREQUISITE: SNC2D

This course enables students to deepen their understanding of

chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment. Topics include: Matter, chemical trends, chemical bonding, chemical reactions, quantities in chemical reactions, solutions and solubility, gases and atmospheric chemistry.

SVN3E ENVIRONMENTAL SCIENCE

PREREQUISITE: Science, Grade 9, academic or applied or 1L, 2L

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in work and life after secondary school. Students will explore a range of topics, including the impact of human activities on the environment; human health and the environment; energy conservation; resource science and management; and safety and environmental responsibility in the workplace. Emphasis is placed on relevant, practical applications and current topics in environmental science, with attention to the refinement of students' literacy and mathematical literacy skills as well as the development of their scientific and environmental literacy. Topics Include: Human impact on the environment, human health and the environment, energy conservation, natural resource science and management, the safe and environmentally responsible workplace.

SPH3U PHYSICS **(UNIVERSITY PREPARATION)**

PREREQUISITE: SNC2D

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

SBI4U BIOLOGY **(UNIVERSITY PREPARATION)**

PREREQUISITE: SBI3U

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

SCH4C CHEMISTRY (COLLEGE PREPARATION)

PREREQUISITE: SNC2D or SNC2P

This course enables students to develop an understanding of chemistry through the study of matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, and chemistry as it relates to the quality of the environment. Students will use a variety of laboratory techniques, develop skills in data collection and scientific analysis, and communicate scientific information using appropriate terminology. Emphasis will be placed on the role of chemistry in daily life and the effects of technological applications and processes on society and the environment. Topics include: Matter and qualitative analysis, organic chemistry, electrochemistry, chemical calculations, chemistry in the environment.

SCH4U CHEMISTRY (UNIVERSITY PREPARATION)

PREREQUISITE: SCH3U

This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and inves-

tigation skills as they investigate chemical processes, and will refine their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in everyday life and on evaluating the impact of chemical technology on the environment. Topics include: Organic chemistry, structure and properties of matter, energy changes, rates of reactions, chemical systems, equilibrium and electrochemistry.

SPH4C PHYSICS (COLLEGE PREPARATION)

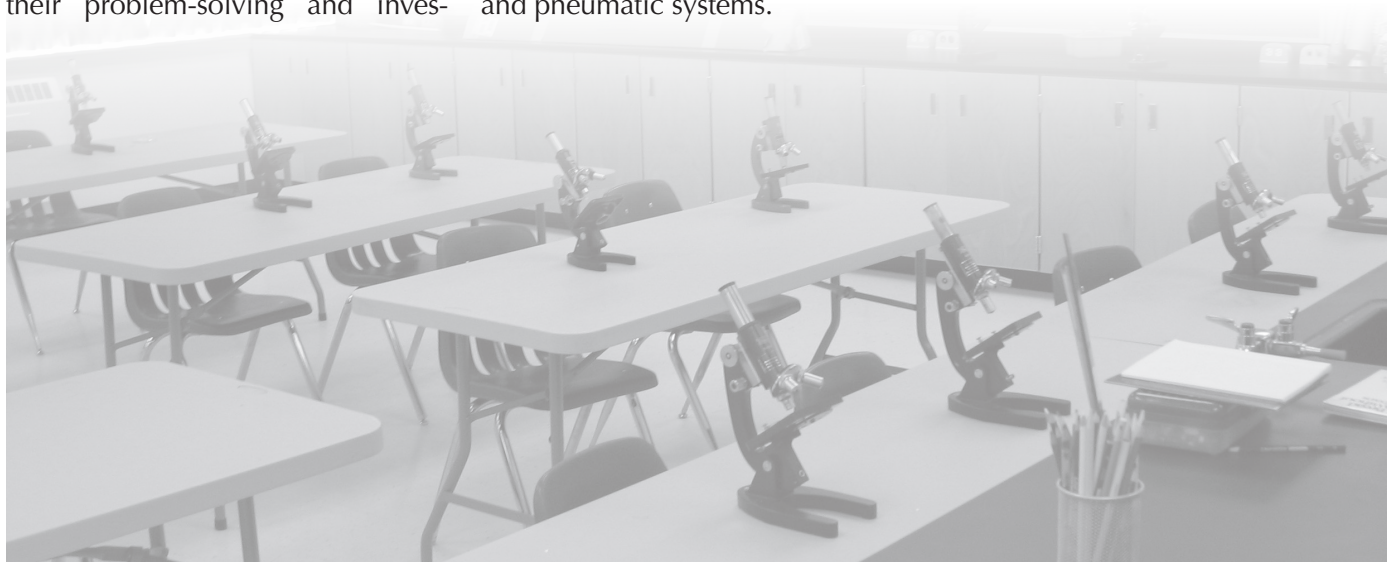
PREREQUISITE: SNC2D or SNC2P

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

SPH4U PHYSICS (UNIVERSITY PREPARATION)

PREREQUISITE: SPH3U

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



SOCIAL SCIENCES & HUMANITIES

HIF10 INDIVIDUAL AND FAMILY LIVING -OPEN

This course explores the challenges faced by all people; how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will acquire knowledge and skills that are needed to make the transition to adulthood. Teachers will instruct students in developing interpersonal, decision-making, and practical skills related to daily life. Students will explore the functioning of families and the diversities found among families and within society. Course includes practical projects in sewing, child care, housing, cooking and financial fitness.

HFN20 FOOD AND NUTRITION OPEN

PREREQUISITE: None
This course explores the factors that affect attitudes and decisions about food, and examines current issues of body image and food marketing. Students will learn how to make wise food choices and to prepare foods, and will investigate our Canadian food heritage and food industries, as well as global food issues. The course introduces students to research skills related to food and nutrition. Topics Include: Cultural food assignment, nutritious food labs. Includes opportunity for Food Handlers Certificate.

HNC30 FASHION & CREATIVE EXPRESSION (OPEN)

PREREQUISITE: None

This course explores what clothing communicates about the wearer and how it becomes a creative and entrepreneurial outlet through the design and production processes. Students will learn, through practical experiences, about the nature of fashion design; the characteristics of fibers and fabrics; the construction, production, and marketing of clothing; and how to plan and care for a wardrobe that is appropriate for an individual's appearance, activities, employment, and lifestyle. Students will develop research skills as they explore the evolution of fashion and its relationship to society, culture and individual psychology.

Topics include:

1. *Meaning and Means of Clothing Choice*
2. *Apparel Design, Construction and Technology*
3. *Apparel and Fashion Industry*
4. *Social and Historical Influences and the Textile and Fashion Industries, Fashion Designers*

HPC30 PARENTING (OPEN)

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 expe-

riences with infants, toddlers, and preschoolers, and will learn skills in researching and investigating questions relating to parenting.

Topics include:

1. *Preparation for Parenthood*
2. *Preconception, Conception, Pregnancy Child Development*
3. *Concerns of Parenting-Parenting styles, Discipline*
4. *Legal and Social Challenges of Parenting Activities*
Include: Tiny Tot Day- Baby Think it over infant simulator, Child Activity Game

HPW3C LIVING & WORKING WITH CHILDREN (COLLEGE PREPARATION)

PREREQUISITE: None

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.

Topics include:

1. *Children in Our Society*
2. *Growth and Development of Children*
3. *Socialization of Children*
4. *Social Issues and Challenges Facing Children and Care givers*

Activities: child observation, career research, Tiny Tot Day, child development newsletter. Suggested for co-op students.

HHG4M ISSUES IN HUMAN GROWTH AND DEVELOPMENT UNIVERSITY/COLLEGE PREPARATION

PREREQUISITE: Any University, University/College, or College preparation course in social sciences and humanities, English, or Canadian and world studies

This course offers a multi disciplinary approach to the study of human development throughout the life cycle, with particular emphasis on enhancing growth and development. Students will examine how early brain and child development are linked to lifelong learning, health, and well-being, and will develop child-care and human-relationship skills through practical experience. This course also refines students' skills used in researching and investigating issues related to human growth and development.

Topics include:

1. *Human Development: An Overview*
2. *Human Development: Brain Development in the Early Years*
3. *Parenthood: Roles and Responsibilities Throughout The Family Life Cycle*

Activities: Child observation report, brain development research report, language pamphlet. Suggested for further co-op studies. Excellent preparation for teaching, child social work, medical, psychology careers.

HSP3C/3U INTRODUCTION TO ANTHROPOLOGY, PSYCHOLOGY, AND SOCIOLOGY COLLEGE AND UNIVERSITY PREPARATION

Prerequisite: None

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. Topics Include: Early Humans - culture, memory, sleep, the human brain, mental illness.

HFA4C/4U FOOD AND NUTRITION SCIENCES (COLLEGE AND UNIVERSITY PREPARATION)

PREREQUISITE: Any University, University/College, or College preparation course in Social Sciences and Humanities, English, or Canadian and World Studies.

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. Grade 11 Biology an asset.

Activities include: Food labs and experiments, personal dietary analysis, nutrient research, social science research report. Contemporary research investigation. Excellent preparation for studies in kinesiology, physical education and nutrition

HHS4U FAMILIES IN CANADA (UNIVERSITY PREPARATION)

PREREQUISITE: Any University, University/College, or College preparation course in Social Sciences and Humanities, English, or Canadian and World studies.

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. Topics include: Sociological theories and methods, dating and mating, child development and child rearing, family issues.

HSB4U CHALLENGE AND CHANGE IN SOCIETY (UNIVERSITY/COLLEGE PREPARATION)

PREREQUISITE: Any University, University/College, or College preparation course in Social Sciences and Humanities, English, or Canadian and World studies.

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 analyze 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.

TECHNOLOGICAL STUDIES

TIJ10 EXPLORING TECHNOLOGIES (OPEN)

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and post-secondary education and training pathways leading to careers in technology-related fields.

TCJ20 CONSTRUCTION TECHNOLOGY (OPEN)

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



TMJ20 MANUFACTURING TECHNOLOGY (OPEN)

This course introduces students to the manufacturing industry by giving them an opportunity to design and fabricate products using a variety of processes, tools, and equipment. Students will learn about technical drawing, properties and preparation of materials, and manufacturing techniques. Student projects may include a robotic challenge, a design challenge, or a fabrication project involving processes such as machining, welding, vacuum forming, or injection moulding. Students will develop an awareness of environmental and societal issues related to manufacturing, and will learn about secondary and post-secondary pathways leading to careers in the industry.

TTJ20 TRANSPORTATION TECHNOLOGY (OPEN)

This course introduces students to the service and maintenance of vehicles, aircraft, and/or watercraft. Students will develop knowledge and skills related to the construction and operation of vehicle/craft systems and learn maintenance and repair tech-

niques. Student projects may include the construction of a self-propelled vehicle or craft, engine service, tire/wheel service, electrical/battery service, and proper body care. Students will develop an awareness of related environmental and societal issues, and will explore secondary and post-secondary pathways leading to careers in the transportation industry.

TDJ20 TECHNOLOGICAL DESIGN, GRADE 10 (OPEN)

PREREQUISITE: NONE

This course provides students with opportunities to apply a design process to meet a variety of technological challenges. Students will research projects, create designs, build models and/or prototypes, and assess products and/or process using appropriate tools, techniques, and strategies. Student projects may include designs for homes, vehicles, bridges, robotic arms, clothing, or other products. Students will develop an awareness of environmental and societal issues related to technological design, and will learn about secondary and post-secondary education and training leading to careers in the field.

TXJ20 HAIRSTYLING AND AESTHETICS (OPEN)

PREREQUISITE: None

This course presents hairstyling, make-up, and nail care techniques from a salon/spa perspective. Using materials, processes, and techniques used in the industry, students learn fundamental skills in hairstyling, giving manicures and facials, and providing hair/scalp analyzes and treatments. Students will also consider related environmental and societal issues, and will explore secondary and post-secondary pathways leading to careers in the field of hairstyling and aesthetics.

TMJ3E MANUFACTURING TECHNOLOGY WORKPLACE PREPARATION

PREREQUISITE: None

This hands-on, project-based course is designed for students planning to enter an occupation or apprenticeship in manufacturing directly after graduation. Students will work on a variety of manufacturing projects, developing knowledge and skills in design, fabrication, and problem solving and using tools and equipment such as engine lathes, milling machines, and welding machines. In addition, students may have the opportunity to acquire industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about secondary school pathways that lead to careers in the industry.

TWJ3E CUSTOM WOODWORK- ING, WORKPLACE PREPARA- TION

Prerequisite: None.

This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment,

and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and explore apprenticeships, post-secondary training, and career opportunities in the field that may be pursued directly after graduation.

TMY3C WELDING TECHNIQUES WORKPLACE PREPARATION

PREREQUISITE: None

Basic welding techniques are introduced with emphasis on Oxy-acetylene welding and cutting, arc welding, metal fabrication and blue print reading. The course is project driven with practical projects, design and manufacturing stages are introduced. Practical projects include go-carts, mini bikes, trailers etc. This course is a prerequisite for the grade 12 advanced welding, which leads to welder certification.

TCE3E ELECTRICAL/PLUMBING WORKPLACE

This course focuses on skills, knowledge sets and work habits essential to the electrical and plumbing trades. Students will learn about and gain experience with plumbing and electrical blueprints, building codes and design skills. Further, students will develop problem solving skills by working in groups and as individuals to solve a variety of plumbing and electrical problems. Practical skills will be developed as students complete several wiring and plumbing projects such as: wiring switches and plug outlets, installing toilets and sinks. This course is designed to prepare students for eventual employment in the construction trades and is an essential course for the Specialists High Skills Major program.

TJ30 TRANSPORTATION TECHNOLOGY (OPEN)

PREREQUISITE: None

Offered as an all female class

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

TJ3C TRANSPORTATION TECHNOLOGY, COLLEGE

PREREQUISITE: None

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

TXJ3E HAIRSTYLING AND AESTHETICS GRADE 11 WORKPLACE PREPARATION

PREREQUISITE: None

This course enables students to develop knowledge and skills in cosmetology and offers a variety of applications that will equip students to provide services for a diverse clientele. Students will identify trends in the hairstyling and aesthetics

industry, learn about related health and safety laws, and expand their communication and interpersonal skills through interactions with peers and clients. Students will also consider environmental and societal issues related to the industry, and will acquire a more detailed knowledge of apprenticeships and direct-entry work positions.

TXH3E HAIRSTYLING

PREREQUISITE: TPJ2O

This course provides students with opportunities to learn techniques in hairstyling that meet industry standards using appropriate materials and equipment. Students will identify trends in the hairstyling industry as well as chemical services, describe chemical and physical processes used in beauty services; learn to respect environmental health, and safety laws; and explore career opportunities. The course will focus on hairstyling. (2 credits)

TTA3C TRANSPORTATION TECHNOLOGY FOCUS WORKPLACE

PREREQUISITE: None

This program is designed to allow the student to gain knowledge in the Automotive transportation Electrical system in the areas of; using diagnostic equipment to trouble shoot, charging systems, starting systems, computer systems. Basic electric theory and application will be the main focus.

TTA4C TRANSPORTATION TECHNOLOGY WORKPLACE PREPARATION

PREREQUISITE: TTA3E

This course will focus on the electrical systems in a vehicle in particular, the computer and its related software. The program will also focus on the braking system of the vehicle.

TTJ4E VEHICLE MAINTENANCE WORKPLACE PREPARATION

This course introduces students to the servicing, repair, and maintenance of vehicles through practical applications. The course is appropriate for all students as a general interest course to prepare them for future vehicle operation, care, and maintenance or for entry into an apprenticeship in the motive power trades. Students will develop an awareness of environmental and societal issues related to transportation, and will learn about careers in the transportation industry and the skills and training required for them.

TTJ4C TRANSPORTATION TECHNOLOGY

PREREQUISITE: TTJ3C

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

TCE4E CONSTRUCTION TECHNOLOGY, WORKPLACE PREPARATION

PREREQUISITE: TCE3EA/TWJ3EA

This course enables students to further develop technical knowledge and skills related to residential construction and to explore light commercial construction. Students will continue to gain hands on experience using a variety of materials, processes, tools, and equipment;

create and interpret construction drawings; and learn more about building design and project planning. They will expand their knowledge of terminology, codes and regulations, and health and safety standards related to residential and light commercial construction. Students will also expand their awareness of environmental and societal issues related to construction technology and explore entrepreneurship and career opportunities in the industry that may be pursued directly after graduation.

TWJ4E CUSTOM WOODWORKING

PREREQUISITE: TWJ3E

This course enables students to further develop knowledge and skills related to the planning, design, and construction of cabinets and furniture for residential and/or commercial projects. Students will gain further experience in the safe use of common woodworking materials, tools, equipment, finishes, and hardware, and will learn about the entrepreneurial skills needed to establish and operate a custom woodworking business. Students will also expand their awareness of health and safety issues and environmental and societal issues related to woodworking, and will explore career opportunities that may be pursued directly after graduation. Note: Guitar building is offered to appropriate students after a student/teacher consultation.

**TMJ4E MANUFACTURING
TECHNOLOGY, GRADE 12
WORKPLACE PREPARATION**

PREREQUISITE: TMJ3E

This project-driven, hands-on course builds on students' experiences in manufacturing technology. Students will further develop knowledge and skills related to the use of engine lathes, milling machines, welding machines, and other related tools and equipment as they design and fabricate solutions of a variety of technological challenges in manufacturing. Students may have opportunities to acquire industry standard training and certification. Students will expand their awareness of environmental and societal issues and of career opportunities in the manufacturing industry.

TMY4C WELDING TECHNICIAN

PREREQUISITE: TMY3E

Less emphasis on machining processes and more on advanced welding techniques. Advanced studies in

arc welding techniques. Mig welding, tig welding, aluminum welding, plasma arc, welding symbols and blue print reading. Students will be ready for work experience or studies in post-secondary education. Practical projects and applications are stressed along with steps needed for manufacturing, fabrication and design processes. An exciting career awaits the successful graduate. (1 credit)

**TXJ4E HAIRSTYLING AND
AESTHETICS, GR 12 WORKPLACE
PREPARATION**

**PREREQUISITE: Hairstyling and
Aesthetics, Grade 11, Workplace
Preparation.**

This course enables students to develop increased proficiency in a wide range of hairstyling and aesthetics services. Working in a salon/spa team environment, students will strengthen their fundamental cosmetology skills and develop an understanding of common busi-

ness practices and strategies in the salon/spa industry. Students will also expand their understanding of environmental and societal issues and their knowledge of post-secondary destinations in the hairstyling and aesthetics industry.

**TXH4E HAIRSTYLING WORK-
PLACE FOCUS AESTHETICS**

PREREQUISITE: TXJ3EA

This course builds on the grade 11 course to provide a solid foundation for students wishing to pursue a career in cosmetology. Students will continue to develop practical skills and knowledge pertaining to the beauty industry. They will also gain an awareness of the entrepreneurial skills required to own and operate an aesthetician salon. The course will focus on hairstyling. (2 credits)

What is a Specialist High Skills Major (SHSM)?

An SHSM allows students to customize their high school experience to fit career interests. Offered in grade 11 and 12, an SHSM allows students to receive a specialized high school diploma that is recognized in various economic sectors in all four pathways.

What does an SHSM look like?

An SHSM is a bundle of 8 to 10 grade 11 and grade 12 credits that include two Experiential Learning (Co-op) credits.

What do you get by taking an SHSM?

- Sector-recognized certifications and training
- Real workplace experience
- Learning experiences connected with post-secondary opportunities
- Skills and work habits required for employment success



Student Success
 A Grand Erie Program

Grand Erie...

More Programs, More Choices

Specialist High Skills Major

The Construction Program Woodworking Focus

Cayuga Secondary School

This is a Construction/Woodworking program with an emphasis on essential and employable skills. Students have access to a wide range of senior level courses stretching across all aspects of the Construction industry.

"I didn't really know what I wanted to do until I learned about apprenticeships and the Construction SHSM. I was able to get a co-op with the training I learned in class and now I'm enrolled in a college cabinet making program and working part time at a Cabinet Making Shop."

CSS Student

Benefits of the Construction Program:

- Students receive training in: Ladder Safety, Fall Protection, Chain Saw Safety, WHMIS, CPR, First Aid, Fork Lift Training, and Propane Safety
- Students can take a focus course in electrical, sheet metal, and plumbing
- Students learn all stages of the lumber milling process, including the safe use of an actual lumber mill
- Co-ops are available for students looking to pursue an apprenticeship and a potential career in the construction/woodworking industry



Learn more information about Specialist High Skills Majors, visit www.granderie.ca





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The Manufacturing Program Welding Focus

Cayuga Secondary School

A skills based program, Cayuga Secondary School's Manufacturing SHSM specializes in welding techniques and machining skills.

"Getting to do some hands-on work and the customized projects like creating a trailer lift, an ATV basket, and a hook for pulling trees has been my favourite part of the program. I'd like to pursue a career in welding after high school." - Wyatt Edwards (Grade 11)

Benefits of the Manufacturing Program:

- Students will be prepared for the workplace, apprenticeship or post-secondary
- Complete First Aid, CPR and WHMIS training
- Earn certification for Propane Safety, and Canadian Welding Bureau training
- Students are exposed to fall protections, hoisting and rigging and lift truck safety and training

The Transportation Program Automotive Service Focus

Cayuga Secondary School

Students in the Transportation SHSM learn the fundamentals of vehicle systems, safe and proper tool use and develop practical skills for the service and repair of vehicles.

"I enjoy working on cars and I've had a long-time interest in parts merchandising. While in co-op, I learned a lot of different aspects about the job and want to continue with it after I graduate." - Tressia Sommer (Grade 12)

Benefits of the Transportation Program:

- A focused approach to a career pathway
- Three senior credits (English, Math, and Science or Business) with units contextualized to the transportation industry
- A chance to work in the trade and apply skills and knowledge in a Co-operative work placement (two credits)
- Trade related certifications such as First Aid, CPR, WHMIS, Propane Handling, Lockout/tagging, customer service, and more, paid for by the SHSM program

"Working on cars in the Transportation Program has shown me that I do want to be a mechanic once I graduate high school." Calvin Sanderson (Grade 12)



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CAYUGA SECONDARY SCHOOL

Notes:

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.