



What you need to know about
choosing your courses for
Grade 12.

All the resources you need are on the BCS website.

The screenshot shows the Burlington Central School website. At the top, there's a pink browser tab labeled 'BCS'. Below it is a navigation bar with various links: Guidance, myBlueprint, College, University, Mental Health &..., Learning & Achiev..., Equity & Inclusive..., Environmental Le..., Indigenous Persp..., Attendance, Design Tools, Leadership, PQP, School Culture, SHSM, and All Bookmarks. A yellow banner below the navigation bar reads 'Information for Burlington Central School Families & Staff' with a 'Learn More' button. The main header features a large image of the school building with a 'Congratulations Graduation' banner. On the left is the Burlington Central School logo, which includes a blue and yellow helmet and the text 'BURLINGTON CENTRAL EST. 1922'. To the right of the image is a navigation menu with links: HOME, ABOUT US, ADMISSIONS, ACADEMICS, STUDENT LIFE, GUIDANCE, and NEWS BOARD. A yellow arrow points to the 'GUIDANCE' link, which has a dropdown menu open. The dropdown menu contains the following links: Appointment Booking, Course Selection, Community Involvement..., Graduation, Guide to Secondary School, High School Transition, myBlueprint, Post Secondary Pathways, Register for School, Social Worker Support, Special Education, and Student Success. Below the main header, there's a grey section with the school's address: '1433 Baldwin Street Burlington, ON L7S 1K4 | 905.634.7768 (t) | 905.681.7888 (f)' and the Instagram handle '@Burlington.Central.School (Instagram)'. At the bottom, there's a dark blue section with several white buttons: 'Absence Reporting', 'Online Registration', 'IB & ALP', 'Update Contact Info', 'News Board', 'Announcements 7-8', 'Announcements 9-12', 'Brightspace', 'Grade 8 Class of 2025', 'Grade 12 Class of 2025', and 'Secondary Final Exam Schedule'.

BCS

Guidance myBlueprint College University Mental Health &... Learning & Achiev... Equity & Inclusive... Environmental Le... Indigenous Persp... Attendance Design Tools Leadership PQP School Culture SHSM All Bookmarks

Information for Burlington Central School Families & Staff [Learn More](#)

BURLINGTON CENTRAL EST. 1922

1433 Baldwin Street Burlington, ON L7S 1K4 | 905.634.7768 (t) | 905.681.7888 (f)

@Burlington.Central.School (Instagram)

HOME ABOUT US ADMISSIONS ACADEMICS STUDENT LIFE GUIDANCE NEWS BOARD

Appointment Booking
Course Selection
Community Involvement ...
Graduation
Guide to Secondary School
High School Transition
myBlueprint
Post Secondary Pathways
Register for School
Social Worker Support
Special Education
Student Success

Absence Reporting Online Registration IB & ALP Update Contact Info

News Board Announcements 7-8 Announcements 9-12 Brightspace

Grade 8 Class of 2025 Grade 12 Class of 2025 Secondary Final Exam Schedule

	2025/2026 Course Selection Information				
	Grade 8 to 9	Grade 9 to 10	Grade 10 to 11	Grade 11 to 12	Current Grade 12s
Graduation Requirements	Ontario Secondary School Graduation Requirements For Students Beginning Grade 9 in Fall 2024 or Later	Ontario Secondary School Graduation Requirements For Students Beginning Grade 9 in Fall 2024 or Later	Ontario Secondary School Graduation Requirements For Students Beginning Grade 9 in Fall 2023 or Earlier	Ontario Secondary School Graduation Requirements For Students Beginning Grade 9 in Fall 2023 or Earlier	Ontario Secondary School Graduation Requirements For Students Beginning Grade 9 in Fall 2023 or Earlier
	Course Selection Quick Start Guide				
Recorded Information Presentation		Course Selection Information for Grade 9 Students (recording)	Course Selection Information for Grade 10 Students (recording)	Course Selection Information for Grade 11 Students (recording)	Course Selection Information for Grade 12 Students (recording)
Information Presentation Slideshow	Grade 8 to 9 Transition Information - Central 101	BCHS Course Selection Information for Grade 9 Students	BCHS Course Selection Information for Grade 10 Students	BCHS Course Selection Information for Grade 11 Students	BCHS Course Selection Information for Grade 12 Students (Returning/Not Returning)
Course Selection Worksheets	BCHS Grade 9 Course Selection Worksheet	BCHS Grade 10 Course Selection Worksheet	BCHS Grade 11 Course Selection Worksheet	BCHS Grade 12 Course Selection Worksheet	Not Returning or Choosing Courses for a 12+ year
	HDSB Guide to Secondary School				
HDSB Course Selection Resources	HDSB Grade 9 Course Selection Guide for Students	HDSB Grade 10 Course Selection Guide for Students			
	HDSB De-Streaming Guide for Students and Families	Supporting Grade 10 Course Selection in HDSB Schools			
BCHS Course Offerings	BCHS Course Offerings Chart				
HDSB eLearning	2025-26 eLearning Course Offerings eLearning Course Descriptions				
SHSM Planners			BCHS Arts & Culture SHSM Planner BCHS Construction SHSM Planner BCHS Manufacturing SHSM Planner		
Where Students Complete Course Selection	myBlueprint.ca/halton				
Course Selection Entry Instructions	myBlueprint Course Selection Steps for Students				
Robotics	Adding Robotics to your Course Selections in myBlueprint				
ALP/IB Course Selection Worksheets	Course Selection is included in the application portal	BCHS Grade 10 ALP English Course Selection Sheet	BCHS Grade 11 IB English Course Selection Sheet	BCHS Grade 12 IB Diploma Course Selection Worksheet	
French Immersion ALP/IB Course Selection Worksheets	Course Selection is included in the application portal	BCHS Grade 10 ALP FI Course Selection Sheet	BCHS Grade 11 IB (French Immersion) Course Selection Sheet	BCHS Grade 12 IB (French Immersion) Course Selection Sheet	

**Use the worksheet that is
appropriate for you.**

[BCHS Grade 12 Course Selection Worksheet](#)

[BCHS Grade 12 IB Diploma Course Selection Worksheet](#)

Things to remember when choosing your courses for Grade 12

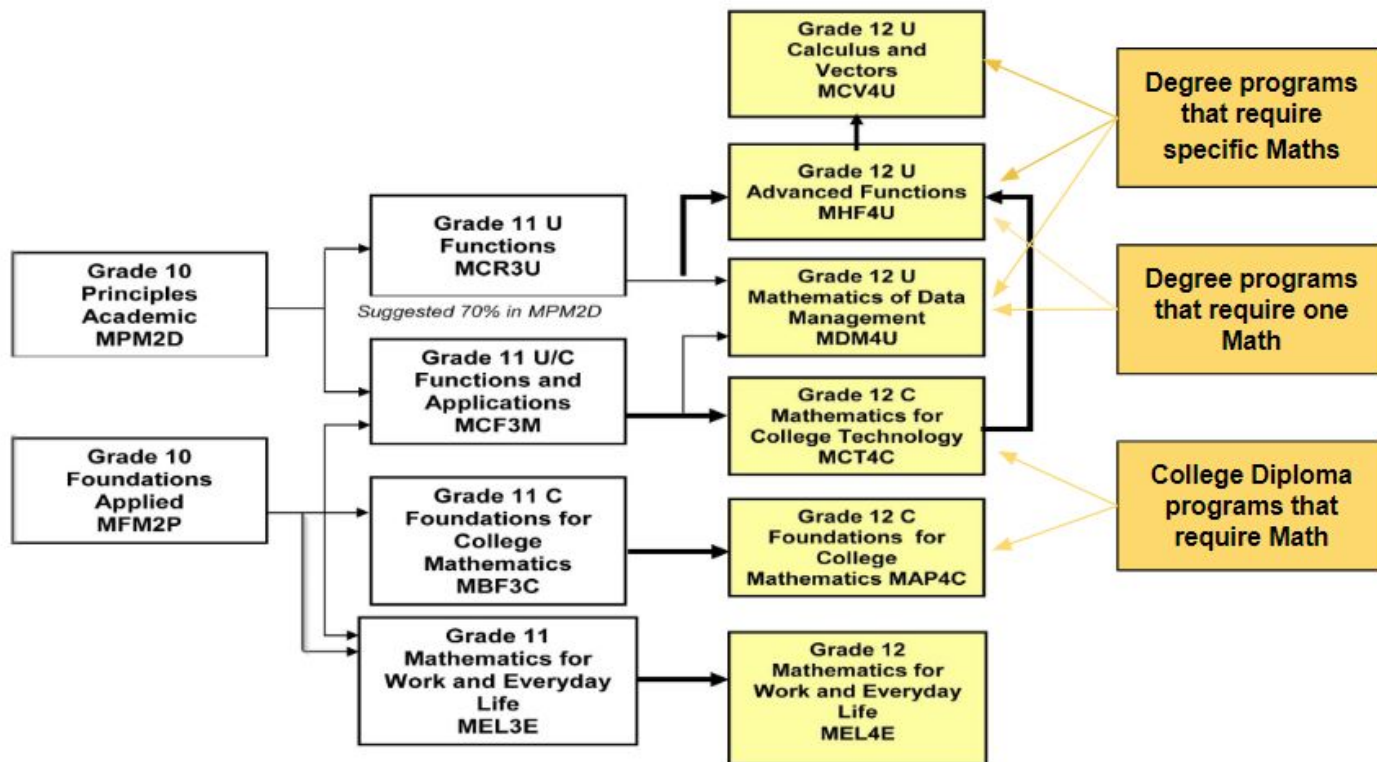
- Grade 12's **must take 6 courses (or more if needed to graduate)** including English (ENG4U or ENG4C).
- **Check carefully** to ensure you are on track to complete all the courses you require for graduation and your post-secondary destination.

Ensure that you are on track to meet your graduation requirements including Group 1, 2 & 3 credit requirements. Use the Graduation Indicator in myBlueprint to view your progress.

Grade 9 Plan Ahead	Grade 10 Plan Ahead	Grade 11 Plan Ahead	Grade 12 Plan Ahead	
English ENG9P1 • 1 Credit	English ENG2P1 (ENG2P1) • 1 Credit	English	English	<div>Graduation Indicator</div> <div>14.5/30</div> <div>REQUIRED CREDITS</div> <div> <div>14.5</div>Planned <div>0</div>Earned <div>14.5</div>Total </div> <div>View Progress</div> <div>Regional Programs</div> <div>Explore OYAP, SHSM, Dual Credit and STC Programs</div> <div>Learn More</div> <div>Pathway Eligibility</div>
Foundations of Mathematics MFM9P1 • 1 Credit	Foundations of Mathematics MFM2P1 (MFM2P1) • 1 Credit	Mathematics	Course	
Science SNC1P1 • 1 Credit	Science SNC2P1 (SNC2P1) • 1 Credit	Course	Course	
Core French FSLP1 • 1 Credit	Canadian History Since W... CHC2P1 (CHC2P1) • 1 Credit	Course	Course	
Issues in Canadian Geogra... CGC1P1 • 1 Credit	Drama ADA2D (ADA2D) • 1 Credit	Course	Course	
Health and Physical Educa... PPL1D (PPL1D) • 1 Credit	Career Studies GLC2D (GLC2D) • 0.5 Credits	Course	Course	
Exploring Technologies T102D (T102D) • 1 Credit	Career Studies GLC2D (GLC2D) • 0.5 Credits	Course	Course	
Visual Art AVIS1D (AVIS1D) • 1 Credit	Exploring Computer Tech... TE20D (TE20D) • 1 Credit	Course	Course	
Course	Course			

Graduation Progress			
1 Credit in Arts	0	1	1/1
1 Credit in Health and Physical Education	0	1	1/1
0.5 Credit in Civics	0.5	0	0.5/0.5
0.5 Credit in Guidance and Career Education	0	0.5	0.5/0.5
1 Credit in History	1	0	1/1
1 Credit in Geography	0	1	1/1
Group 1 - 1 Credit in English, or French As a Second Language, or Classical Studies and International Languages, or Social Sciences and Humanities, or Canadian and World Studies, or Guidance and Career Education, or Cooperative Education, or Native Languages, or Grade 11 World Religions	1	0	1/1
Group 2 - 1 additional credit in Health and Physical Education or Arts or Business Studies or French As a Second Language or Cooperative Education	0	1	1/1
Group 3 - 1 Credit in Science (at least 1 credit in grade 11 or 12) or Technological Education or French As a Second Language or Computer Studies or Cooperative Education	1	0	1/1

Math Pathways



French Immersion Program Pathway

Grade 11

FIF3U4

Français

Grade 12

FIF4U4

Français

Puis, après?
What's next?

DESTINATIONTARIO
DELF



International Baccalaureate Programme (English)

A) ALL YEAR 2 IB STUDENTS MUST BE ENROLLED IN THE FOLLOWING 4 COURSES BELOW:

Group 1	English A1 HL	ETS4UB <u>and</u> ENG4UB
Group 2	French B SL	FSF4UB
Group 3	History HL	CHY4UB <u>and</u> CHI4UB
Group 4	Chemistry SL or Physics SL	SCH4UB <u>or</u> SPH4UB
CORE	Theory of Knowledge	HZT4UB

B) HIGHER LEVEL OPTION

Group 4	Biology HL	SBI4UB OR
Group 3	Economics HL	CIA4UB



International Baccalaureate Programme (French Immersion)

A) ALL YEAR 2 IB STUDENTS MUST BE ENROLLED IN THE FOLLOWING 4 COURSES BELOW:

Group 1	English A1 HL	ETS4UB <u>and</u> ENG4UB
Group 2	French B HL	FIF4UB
Group 3	History HL	CHY4UB <u>and</u> CHI4UB
Group 4	Chemistry SL or Physics SL	SCH4UB <u>or</u> SPH4UB
CORE	Theory of Knowledge	HZT4UB

B) HIGHER LEVEL OPTION

Group 4	Biology HL	SBI4UB OR
Group 3	Economics HL	CIA4UB



International Baccalaureate Programme

The 2nd or 3rd IB course in your subject series will be chosen as part of course selection.

IB course selection will be conducted with the help of the IB Coordinator, Mrs. Bright

In the meantime, specific questions can be forwarded to brightj@hdsb.ca

eLearning in HDSB

- HDSB offers a variety of online Grade 11 and Grade 12 courses. Use the following link to find out which courses are available [2025-2026 school year](#).
- HDSB eLearning courses are available for course selection in myBlueprint along with BCHS Course offerings
- The sixth character of the course code designates an **O**nline (or eLearning) course. E.g. EWC4U**O**
- eLearning is a shared resource in HDSB. Students may not take more than one e-learning course per semester.

Connecting your High School Plan to your Post-Secondary Plan

Secondary

High School
Diploma (OSSD)

https://ontransfer.ca/i/ontransfer+learn_ontario_education_system

Post-Secondary

Apprenticeship

⌚ 1 to 4 years
📍 College

Certificate, Diploma

⌚ 1 to 3 years
📍 College or
Indigenous Institute

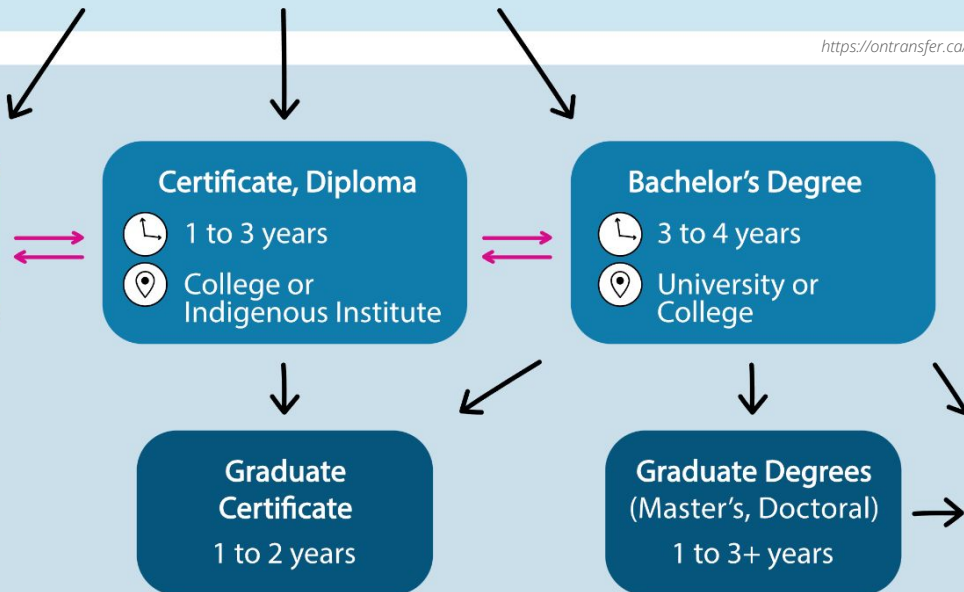
Bachelor's Degree

⌚ 3 to 4 years
📍 University or
College

Graduate
Certificate
1 to 2 years

Graduate Degrees
(Master's, Doctoral)
1 to 3+ years

Professional
Programs
(Medicine, Law, etc.)



Connecting your High School Plan to your Post-Secondary Plan

- **College bound** students should have **at least 6 college prep courses over Grades 11 & 12**. English, Math and Science, if required, must be college prep. **Colleges will use Grade 11 marks as a basis for admission.**
- **Bachelor Degree programs at College or University** will **require 6 Grade 12 U or M courses, including required prerequisites**. Ensure you are selecting the appropriate Grade 11 prerequisite courses.

Choosing your courses for Grade 12...

- **College bound** students should have **at least 6 college prep courses over grades 11 & 12**. English, Math and Science if required must be college prep. **Colleges will use grade 11 marks as a basis for admission.**
- **Bachelor Degree (College or University) bound** students will **need 6 grade 12 U or M courses, including required courses**, so make sure grade 11 prerequisite courses are taken.
- **University bound** students will **need 6 grade 12 U or M courses, including stated required courses**.



ONTARIO
YOUTH
APPRENTICESHIP
PROGRAM

APPRENTICESHIP

In Ontario

LIVE THE SKILLED LIFE!

www.oyap.com

MOTIVE POWER

- Agricultural Equipment Technician
- Alignment and Brakes Technician
- Auto Body and Collision Damage Repairer
- Auto Body Repairer
- Automotive Electronic Accessory Technician
- Automotive Glass Technician
- Automotive Painter
- Automotive Service Technician
- Heavy Duty Equipment Technician
- Marine Engine Technician
- Motive Power Machinist
- Motorcycle Technician
- Powered Lift Truck Technician
- Recreation Vehicle Technician
- Small Engine Technician
- Tire, Wheel and Rim Mechanic
- Transmission Technician
- Truck and Coach Technician
- Truck Trailer Service Technician
- Turf Equipment Technician

SERVICE

- Aboriginal Child Development Practitioner
- Agriculture - Dairy Herdsperson
- Agriculture - Fruit Grower
- Agriculture - Swine Herdsperson
- Appliance Service Technician
- Arborist
- Assistant Cook
- Baker
- Baker/Pâtissier
- Chef (C of Q Required)
- Child and Youth Worker
- Child Development Practitioner
- Cook
- Developmental Services Worker
- Educational Assistant
- Electronic Service Technician
- Gem Setter/Goldsmith
- Hairstylist
- Hardware, Lumber & Building Materials Retailer
- Horse Groom
- Horse Harness Maker
- Horticultural Technician
- Information Technology - Hardware Technician
- Information Technology - Network Technician
- Institutional Cook
- Information Technology - Contact Centre Customer Service Agent
- Information Technology - Contact Centre Sales Agent
- Information Technology - Contact Centre Technical Support Agent
- Micro-Electronics Manufacturer
- Native Clothing & Crafts Artisan
- Network Cabling Specialist
- Parts Technician
- Pool and Hot Tub/Spa Installer
- Pool and Hot Tub/Spa Service Technician
- Retail Meat Cutter
- Saddlery
- Special Events Coordinator
- Utility Arborist
- Wooden Boat Rehab/Repairer

CONSTRUCTION

- Architectural Glass & Metal Technician
- Brick and Stone Mason
- Cement (Concrete) Finisher
- Concrete Pump Operator
- Construction Boiler Maker
- Construction Craft Worker
- Construction Millwright
- Drywall, Acoustic & Lathing Applicator
- Drywall, Finisher & Plasterer
- Electrician - Construction & Maintenance
- Electrician - Domestic and Rural
- Exterior Insulated Finishing Systems Mechanic
- Floor Covering Installer
- General Carpenter
- Hazardous Materials Worker
- Heat and Frost Insulator
- Heavy Equipment Operator - Dozer
- Heavy Equipment Operator - Excavator
- Heavy Equipment Operator - Tractor Loader Backhoe
- Hoisting Engineer - Mobile Crane Operator 1
- Hoisting Engineer - Mobile Crane Operator 2
- Hoisting Engineer - Tower Crane Operator
- Ironworker - Generalist
- Ironworker - Structural and Ornamental
- Native Residential Construction Worker
- Painter and Decorator - Commercial and Residential
- Painter and Decorator - Industrial
- Plumber
- Powerline Technician
- Precast Concrete Erector
- Precast Concrete Finisher
- Refractory Mason (C of Q Required)
- Refrigeration/Air Conditioning Systems Mechanic
- Reinforcing Rodworker
- Residential Air Conditioning Systems Mechanic
- Residential (low rise) Sheet Metal Installer
- Restoration Mason
- Roofer
- Sheet Metal Worker
- Sprinkler & Fire Protection Installer
- Steamfitter
- Terrazzo, Tile & Marble Setter

Download

INDUSTRIAL

- Bearings Mechanic
- Blacksmith
- Cabinetmaker
- Computer Numerical Control (CNC) Programmer (C of Q Required)
- Composite Structures Technician
- Die Designer (C of Q Required)
- Draftsperson - Mechanical
- Draftsperson - Plastic Mould Design
- Draftsperson - Tool and Die Design
- Electric Motor System Technician
- Electrical Control (Machine) Builder
- Electrician - Signal Maintenance
- Elevating Devices Mechanic
- Entertainment Industry Power
- Facilities Mechanic
- Facilities Technician Fitter-Assembler (Motor Assembly)
- General Machinist
- Hydraulic/Pneumatic Mechanic
- Industrial Electrician
- Industrial Mechanic Millwright
- Instrumentation & Control Technician
- Light Rail Overhead Contact System Linerperson
- Locksmith
- Machine Tool Builder & Integrator
- Metal Fabricator (Fitter)
- Mould Designer
- Mould Or Die Finisher
- Mould Maker
- Optics Technician (Lens & Prism Maker)
- Packaging Machine Mechanic
- Pattern Maker
- Precision Metal Fabricator
- Pressure Systems Welder (C of Q Required)
- Process Operator - Food Manufacturing
- Process Operator - Power
- Process Operator - Refinery, Chemical and Liquid Processes
- Process Operator - Wood Products
- Pump Systems Installer/Mechanic
- Railway Car Technician
- Relay and Instrumentation Technician
- Roll Grinder/Turner
- Saw Filer/Fitter
- Ski Lift Mechanic
- Surface Blaster
- Surface Mount Assembler
- Technician
- Thin Film Technician
- Tool And Outer Grinder
- Tool and Die Maker
- Tool And Gauge Inspector
- Tool/Tooling Maker
- Tractor Trailer Commercial Driver
- Water Well Driller
- Welder



Voluntary Trade

Refers to trades that do not require being a registered apprentice or licensed journeyman.



Compulsory Trade

To work in a trade licensed under 'compulsory', one must be a registered apprentice or journeyman.



Red Seal Trade

The Red Seal or Interprovincial Standards Program allows for greater mobility of skilled trade workers across Canada



Ontario

Ontario Youth Apprenticeship Program (OYAP)
is funded by the Government of Ontario

OYAP-FAST

Focused Apprenticeship Skills Training (FAST) is an accelerated stream within OYAP (“OYAP-FAST”) that will allow **students in Grades 11 and 12 to participate in more apprenticeship learning through additional co-operative education credits while completing their OSSD.**

To participate in OYAP-FAST, students must:

- Meet the OYAP eligibility requirements including that the student:
 - Is 15 years or older
 - Has completed 14 credits toward the OSSD
 - Is a part-time or full-time student in a secondary school or continuing education program
 - Has completed an [OYAP Participation Form](#)
- Have signed parent/guardian consent to participate in [OYAP-FAST \(coming soon\)](#)

Completion requirements for OYAP-FAST include that a student has:

- Earned 8 to 11 cooperative education credits with their placement component in the skilled trades.
- Registered as an apprentice [obtained a Registered Training Agreement (RTA)] by the time they complete their 8th cooperative education credit.

Students who meet the above completion requirements and all other OSSD requirements will be awarded the OYAP-FAST seal on their OSSD, and OYAP-FAST will be listed in the Specialized Program field of the Ontario Student Transcript (OST). *If a student has already been granted an OSSD, it cannot be exchanged for an OSSD with the OYAP-FAST seal.*

To select OYAP-FAST in the 25-26 Course Selection Process at Your School:

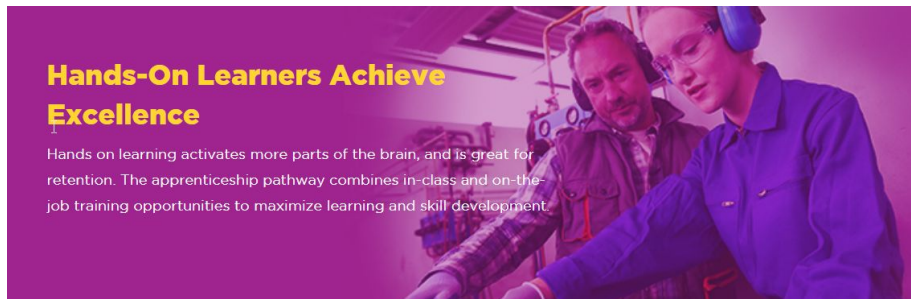
1. Select the **OYFAST code** in myBlueprint which represents 4 co-op credits specific to the OYAP-FAST Apprenticeship Pathway.
2. Ensure that any compulsory courses (i.e. English, Math) are added to your official high school plan.
3. Add any additional elective courses you would like to take (which may include additional co-op credits beyond the 4 already selected with the **OYFAST** code).
4. Make sure that the total number of credits selected does not exceed 8.


Connecting your High School Plan to your Post-Secondary Plan

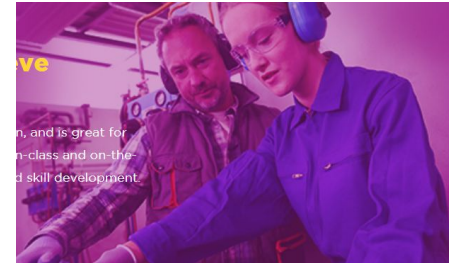
Students thinking about Apprenticeships may wish to consider participating in the Ontario Youth Apprenticeship Program. Visit oyap.com or haltonpathways.ca for more information.



Students planning on going directly to work after high school may wish to consider taking Co-op in grades 11 and/or 12.



- **Co-op marks** don't count in admission averages for either college or university.
 - Students considering an **Apprenticeship** should consider taking an **Ontario Youth Apprenticeship program**. Specific high school courses may be required. Visit oyap.com or haltonpathways.ca for more information.
- 
- The logo for the Ontario Youth Apprenticeship program, featuring a stylized blue wave icon and the text "ON YOUTH APPRENTICESHIP".

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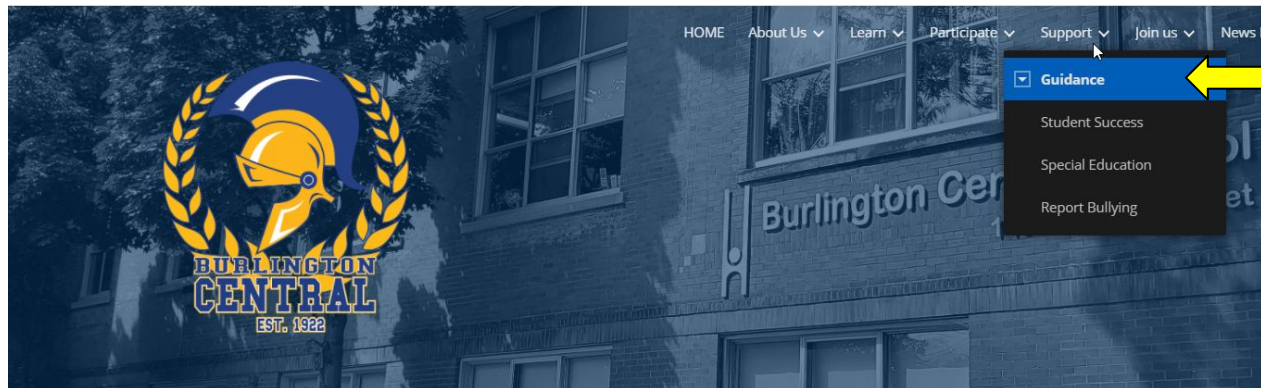


www.myBlueprint.ca/halton

**CHOOSE YOUR COURSES
WISELY; CHANGES LATER
WILL BE DIFFICULT.**

QUESTIONS?

See a Guidance Counsellor in Student Services.



Guidance

A screenshot of the 'Guidance' section of the website. It features a dark blue header with a yellow arrow pointing to a white button labeled 'Book an Appointment'. Below this are six white buttons arranged in two rows: 'Community Involvement Hours', 'Grade 8 to 9 Transition', 'Post Secondary Pathways', 'Course Selection', and 'Social Work Support'. The bottom of the section has a light green background with the following text: 'For secondary timetable changes, please book an appointment with a Guidance Counsellor using our [Booking Calendar](#). To update your contact information, please click [here](#).'

THE ARTS



Grade Twelve Drama: ADA 4M

“I love acting. It is so much more real than life.” - Oscar Wilde

ADA 4M1 - Dramatic Arts, Grade 12 University/College

Prerequisite: ADA 301 or ADA 3M1

This course requires students to experiment with forms and conventions in dramatic literature, and to create/adapt and present a variety of dramatic works. Students will research dramatic forms and continue to develop their performance and technical skills. Students will examine the significance of dramatic arts in society with a focus on student voice and social change.





Grade 12 Film: ADV 4M1

“I love acting. It is so much more real than life.” - Oscar Wilde

ADV 4M1 - Performance and Writing for Film, Grade 12
University/College *Prerequisite: ADA 3M1 or ADV 301*

Similar to ADV3M with its project based content.

Students will make films throughout the course focusing on Character change and plot convergence. They will focus on performance techniques from the Method to the more contemporary theories in the industry. Come and make movies!



Instrumental Music - Grade 12

AMU 4M1

- Make Music Videos
- Performance opportunities
- Explore how music impacts and improves your life
- Composition
- Recording/Sound Production



AVI4M1 Gr. 12 Visual Art

In this course, you'll...

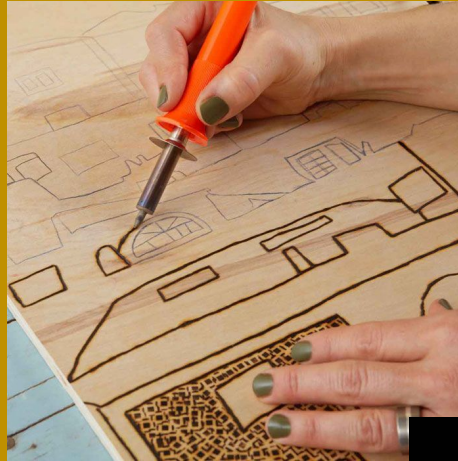
- Developing and preparing your portfolio
- Make art that YOU want to make!
- Develop further knowledge in modern art movements and art criticism
- Have fun while learning new things in a hands-on manner!



AVI 4E - Visual Arts; Crafts Focus


In this course, you'll...

- Develop further knowledge in craft and art
- Try different things like clay, sculpting, silk screen, wood carving, and more!
- Have fun while learning new things in a hands-on manner!




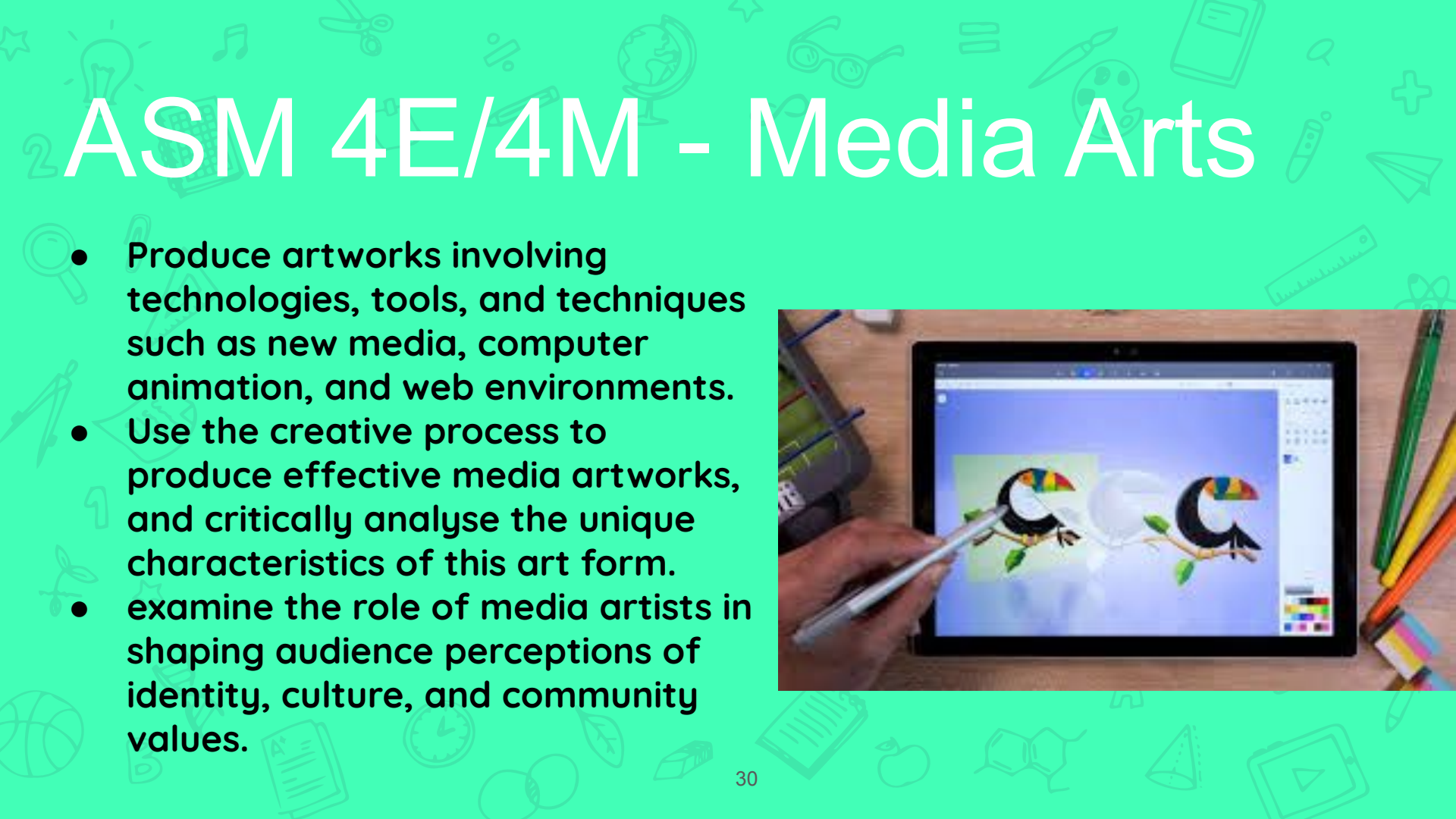
ASM 4E/4M - Media Arts

- Produce artworks involving technologies, tools, and techniques such as new media, computer animation, and web environments.
- Use the creative process to produce effective media artworks, and critically analyse the unique characteristics of this art form.
- examine the role of media artists in shaping audience perceptions of identity, culture, and community values.



30

- # ASM 4E/4M - Media Arts
- Produce artworks involving technologies, tools, and techniques such as new media, computer animation, and web environments.
 - Use the creative process to produce effective media artworks, and critically analyse the unique characteristics of this art form.
 - examine the role of media artists in shaping audience perceptions of identity, culture, and community values.
- 
- 30



BUSINESS STUDIES

INTERNATIONAL BUSINESS (BBB 4M1)

You will learn about:

- Business, Trade, and the Economy
- The Global Environment for Business
- Factors Influencing Success in International Markets
- Marketing Challenges and Approaches, and Distribution
- Working in International Markets



PERSONAL FINANCE (IDC 4U1)

You will learn about:

- Money's role in our society
- Stock Simulation
- Current Economic Analysis
- Money and Cryptocurrency
- Investment Options
- Corporate Accounting
- Personal Budgeting



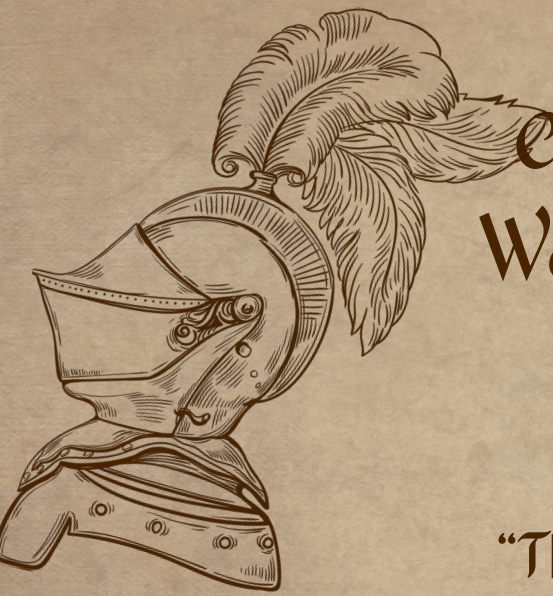
BUSINESS LEADERSHIP (BOH 4M1)

You will use discussion and project-based strategies to learn about:

- Becoming a successful Manager
- Leadership Styles
- Motivation Techniques
- Effective Communication
- Conflict Management
- Strategic Planning



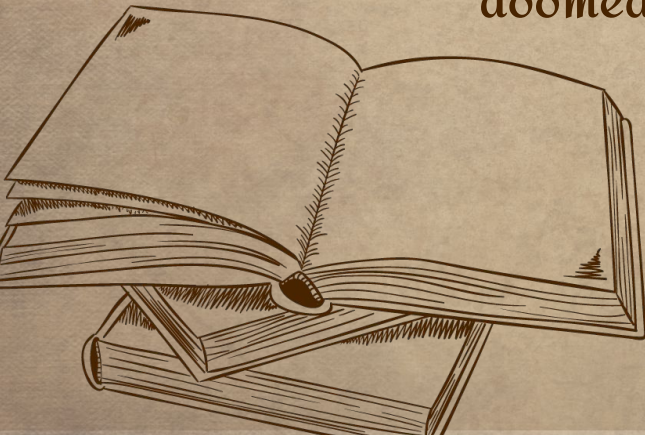
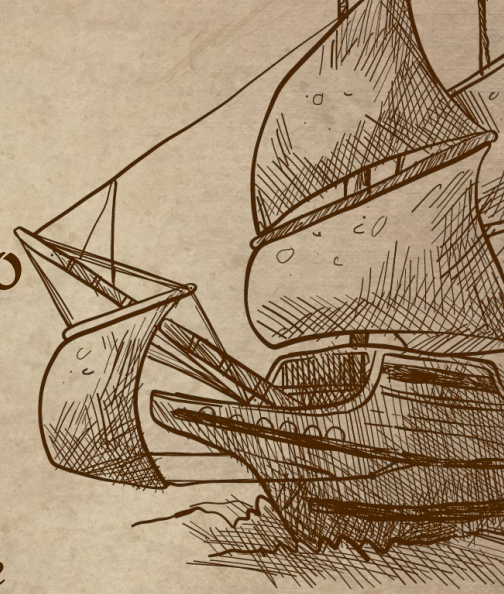
CANADIAN AND
WORLD STUDIES



CHY 4U1 ~ West and the World World History from 1500 to the Present

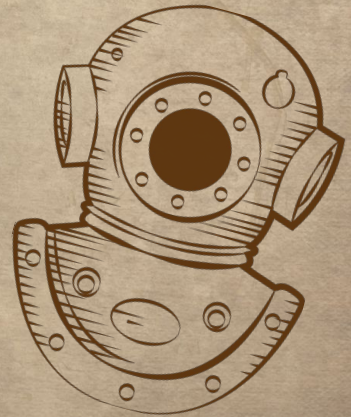
Why take Grade 12 History?

“Those who cannot learn from history are
doomed to repeat it.” -George Santayana



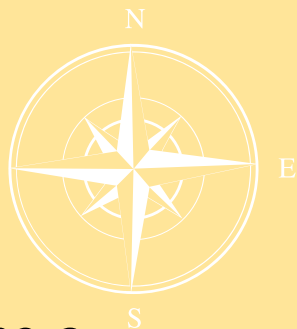
Want to actually get prepared for
University? Take this course!

- Real University-style lectures
- University-level seminars
- Learn to write a research paper





CLN 4U/4C ^w Legal Studies



“Make crime pay. Become a lawyer.”



What will you get to do in this course?

- Look at the criminal code
- Find out about your rights
- Try your hand as a lawyer at a mock trial
- Visit the courthouse and see real trials in action

This and more awaits you in Grade 12 Law!

COOPERATIVE

EDUCATION

COOPERATIVE EDUCATION - COP308/COP408

The real question isn't, **"Why should I take co-op?"**
It's, **"Why *wouldn't* you!?!?"**



- Opportunity to “test drive” a career area of interest
- Gain valuable, hands-on experience through on-the-job learning with a mentor
- Earn 2 or 4 credits through half-day or full-day placement opportunities
- Expand your network to include professionals working in your fields of interest
- Build your resume with demonstrated knowledge and skills gained through real-world experience



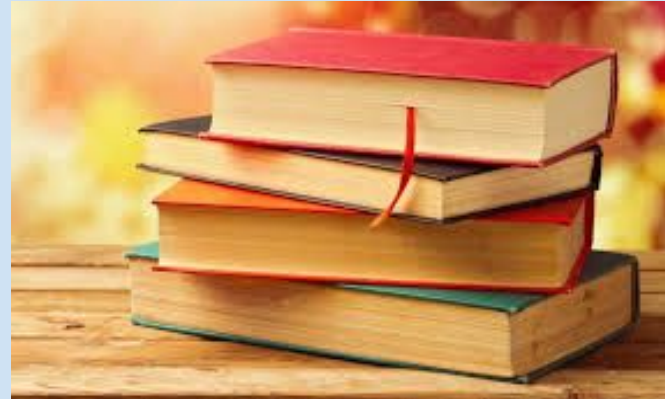
ENGLISH

ENG4C1--College English

Students will:

****This course is one of the prerequisites for all college programs****

- Read and respond to different types of work including fiction, non fiction, poetry, media and drama.
- Understand form and style; writing for specific audiences and purposes
- Develop and organize content; develop arguments to persuade both in writing and orally.

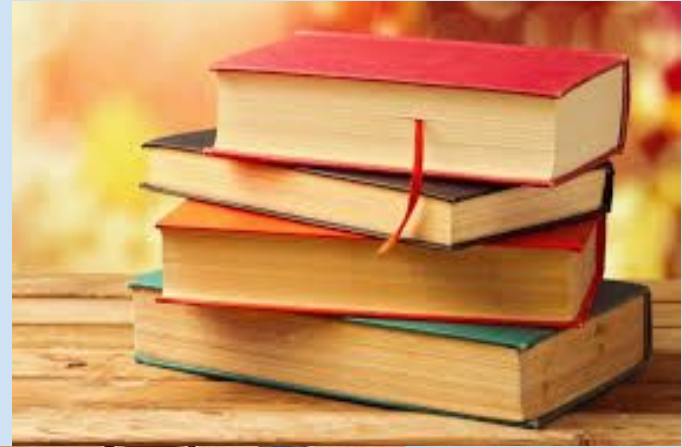


ENG4U1--University English

Students will:

- Read and respond to different types of work including fiction, non fiction, poetry, media and drama.
- Understand form and style; writing for specific audiences and purposes
- Develop and organize content; develop arguments to persuade both in writing and orally.

This is a required course for all university pathways.





Creative Writing Elective

ART

EW4U/C

ENGLISH

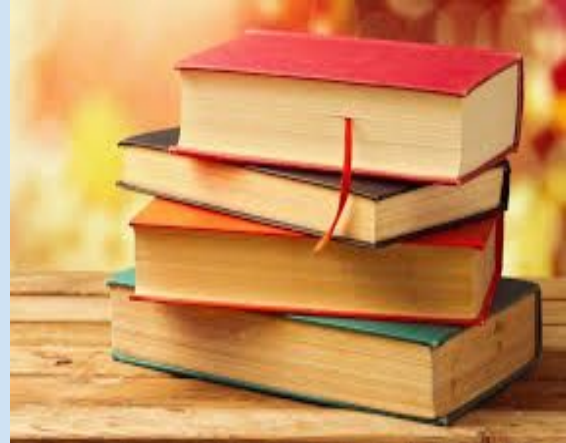
Writer's Craft

OLC4O1-- The Literacy Course

This course will satisfy the literacy component for graduation. Students will:

- Read and respond to different types of work including fiction, non fiction, poetry, media and drama.
- Understand form and style; writing for specific audiences and purposes
- Develop and organize content; develop arguments to persuade both in writing and orally.

This course can replace ENG 3C.

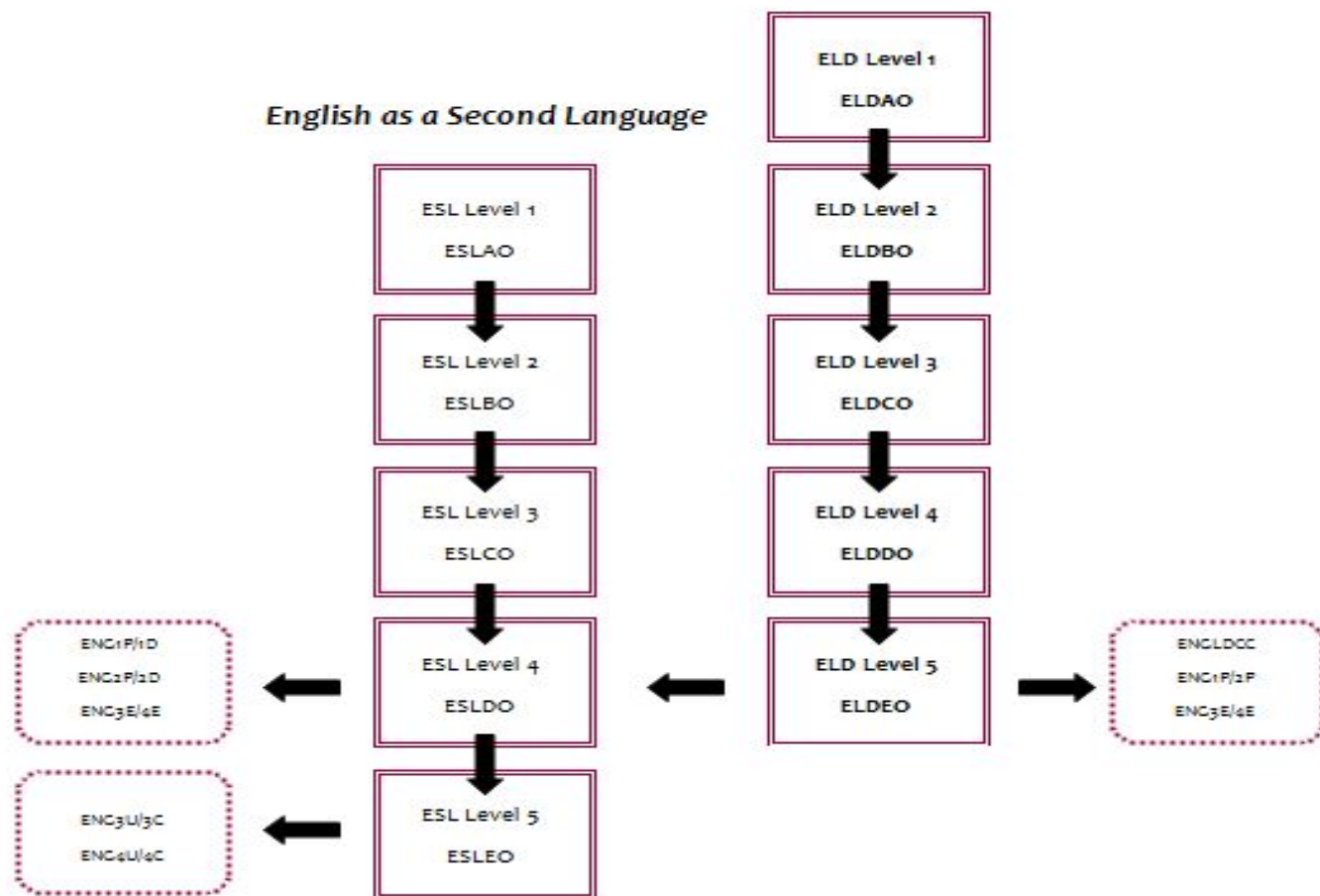


ENGLISH AS A
SECOND LANGUAGE

English Literacy Development

ESL/ELD

English as a Second Language



FRENCH

Core French

★ Gr. 11- FSF 3U1

★ Gr. 12- FSF 4U1

*Why continue to take
French??*

**Work Towards a
French Studies
Certificate in Grade 12!**

DESTINATION
DELTA

French Immersion Program Pathway

Grade 11

FIF3U4

Français

Grade 12

FIF4U4

Français

Puis, après?
What's next?

DESTINATIONTARIO
DELF

LEARNING STRATEGIES

GLE401--Grade 12 Learning Strategies

GLE is a welcoming and supportive course that focuses on *learning strategies* to help students become better, more independent learners.

Learn the secret to being an A+ student!

- Post Secondary Planning
- Time & stress management
- Study & memory strategies
- Self-advocacy
- Organization
- Goal setting



GLS4OE--ELL Learning Strategies

GLS is a welcoming and supportive course that focuses on *learning strategies* to help students become better, more independent learners.

Learn the secret to being an A+ student!

- Post secondary planning
- Time & stress management
- Study & memory strategies
- Self-advocacy
- Organization
- Goal setting



MATHEMATICS

Grade 12 Work and Everyday Life

- This course is for students who will not be studying mathematics at a college level. The course covers math that you will use in your life and personal finance topics.

Item	Cost	Rounded Cost	10%	5%	Estimated Total Tax	Estimated Total Cost
a) CD Box set	\$22.79					
b) Jacket	\$19.99					

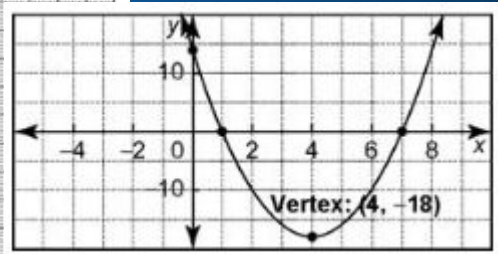
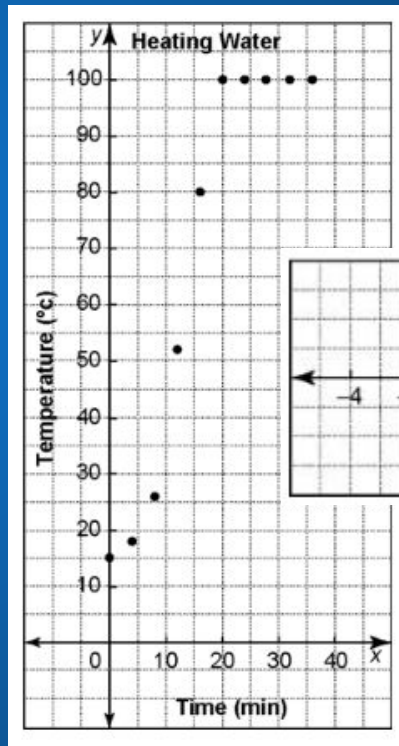
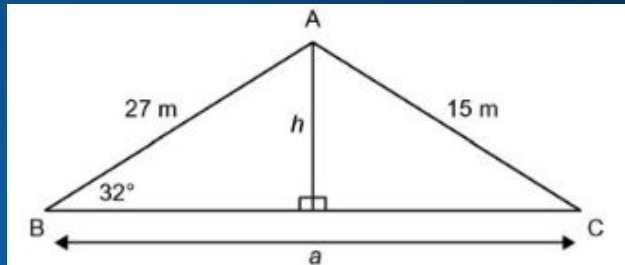
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MAP4C1

Grade 12 Foundations for College

- Mathematical Models
- Geometry and Trigonometry
- Personal Finance
- Data Management

For students who will be studying business, technology, or science at college.



Prerequisite: **MBF3C1, MCF3M1 or MCR3U1**

MDM4U1

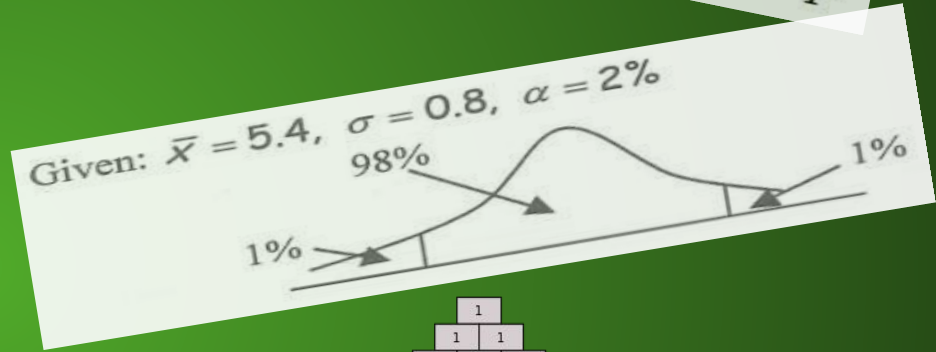
Grade 12 Data Management

- Counting and Probability
- Probability Distributions
- Statistical Analysis

For students who require a grade 12 math credit for their university program. This is unlike any math you have ever studied before!

Prerequisite: **MCR3U1** or **MCF3M1**

$$E(X) = \sum_{x=0}^n xP(X=x) = \frac{q}{p}$$



																	1																	
																1		1																
															1		2		1															
														1		3		3		1														
													1		4		6		4		1													
												1		5		10		10		5		1												
											1		6		15		20		15		6		1											
										1		7		21		35		35		21		7		1										
									1		8		28		56		70		56		28		8		1									
								1		9		36		84		126		126		84		36		9		1								
							1		10		45		120		210		252		210		120		45		10		1							
						1		11		55		165		330		462		462		330		165		55		11		1						
					1		12		66		220		495		792		924		792		495		220		66		12		1					
				1		13		78		286		715		1287		1716		1716		1287		715		286		78		13		1				
			1		14		91		364		1001		2002		3003		3432		3003		2002		1001		364		91		14		1			
		1		15		105		455		1365		3003		5005		6435		6435		5005		3003		1365		455		105		15		1		
	1		16		120		560		1820		4368		8008		11440		12870		11440		8008		4368		1820		560		120		16		1	
1		17		136		680		2380		6188		12376		19448		24310		24310		19448		12376		6188		2380		680		136		17		1

MHF4U1

Grade 12 Functions

- Exponential and Log Functions
- Polynomial and Rational Functions
- Trigonometric Functions

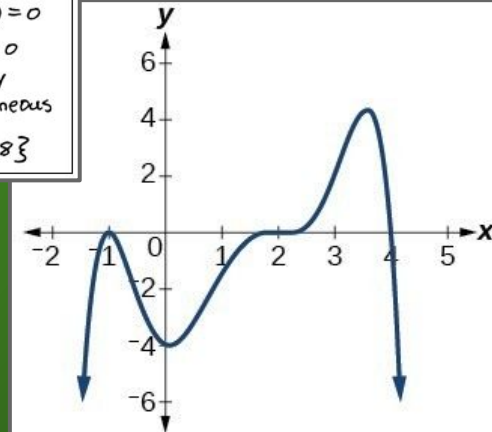
This course is often a prerequisite for university programs in science, business or math. It is the prerequisite for MCV 4U.

Prerequisite: **MCR3U1**

$$\begin{aligned}\log_2 x + \log_2 (x-4) &= 5 \\ \log_2 x + \log_2 (x-4) &= 5 \\ \log_2 x(x-4) &= 5 \\ \log_2 (x^2-4x) &= 5 \\ x^2-4x &= 2^5 \\ x^2-4x &= 32 \\ x^2-4x-32 &= 0 \\ (x-8)(x+4) &= 0 \\ x-8=0 \text{ or } x+4=0 \\ x=8 \checkmark \quad x=-4 &\text{ extraneous} \\ \text{Solution set } \{8\}\end{aligned}$$

Divide

$$\begin{array}{r} 6) (2x+1+9x^3) \div (3x+1) \\ \underline{3x^2-x+1} \\ 3x+1 \overline{) 9x^3+0x^2+2x+1} \\ \underline{-9x^3+3x^2} \\ -3x^2+2x \\ \underline{+3x^2+x} \\ 3x+1 \\ \underline{-3x+1} \\ 0 \end{array}$$



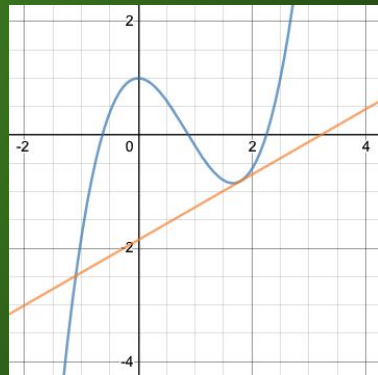
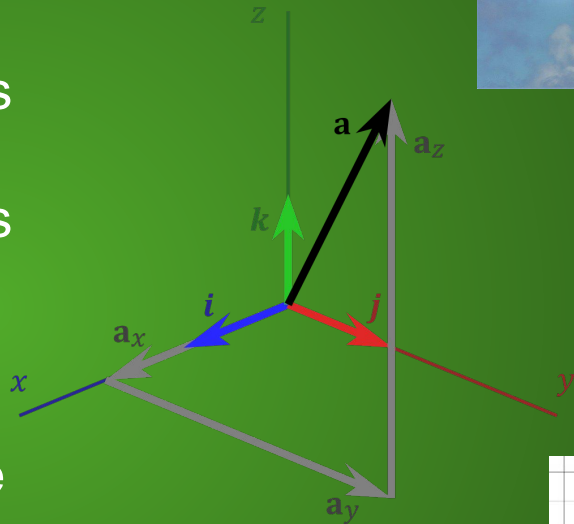
MCV4U1

Grade 12 Calculus

- Geometry and Algebra of Vectors
- Rate of Change
- Derivatives and their Applications

This course is very strenuous and requires a solid understanding of algebra. It is generally a prerequisite for science or math courses at university.

Prerequisite: **MHF4U1**



PHYSICAL EDUCATION

I AM IN GRADE 11 OR 12, HOW CAN I STILL BE ACTIVE?

PPL4O - 'REGULAR PHYS. ED' raising and sustaining heart rates in large group activities in traditional and modified games. Mental, Emotional, Social & Nutritional well-being are explored as well as safety and injury prevention. Greater focus on lifelong fitness, community partnership & career opportunities.

PAF4O- Explores personal pursuits of fitness and community resources to maximize healthy balanced living through individual and group activities with continued reflection on psychological health.

PLF4M- Explores recreation and healthy active living Leadership. Students will also learn how to promote the benefits of healthy, active living to others through mentoring and assisting them in making informed decisions that enhance their well-being.

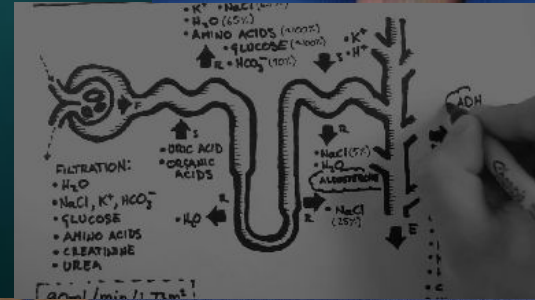


PSK4U- Exercise Science - "Kinesiology" focuses on the study of human movement and of systems, involved in human development. Students will learn about the effects of physical activity on health and performance, the evolution of physical activity and sport, and the physiological, psychological, and social factors that influence an individual's participation in physical activity and sport.

SCIENCE

SBI4U1 Grade 12 Biology

- Biochemistry and Metabolism of Plants and Mammals
- DNA Replication, Mutations, and Cell Activity
- Understanding the Regulation Systems of the Body
- Brain Dissection
- Independent Biology Research Project
- Opens door to a career in Health Sciences
- Prerequisite: SBI3U1 Recommended: SCH3U1



SCH4C1--Chemistry for College

Topics of study:

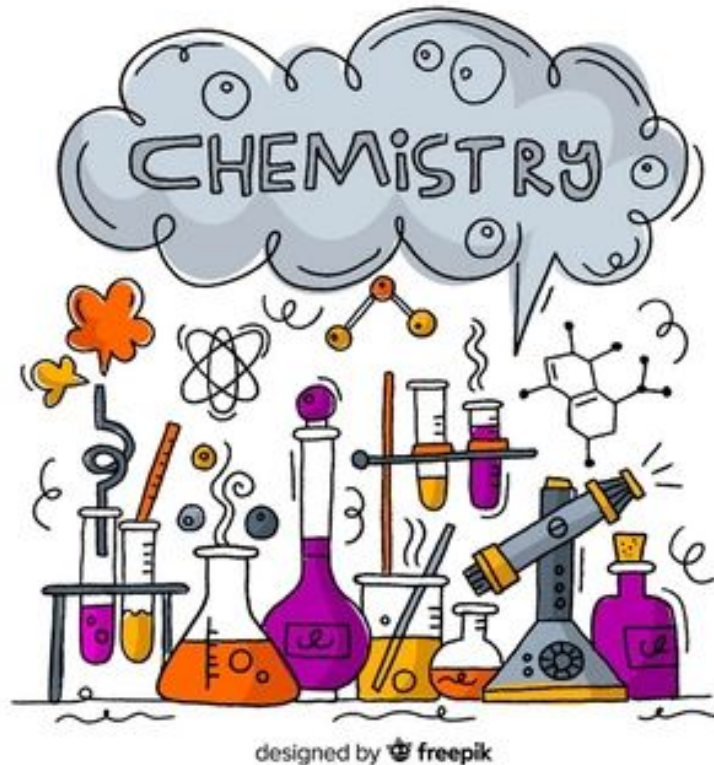
Matter and Qualitative Analysis

Chemical Calculations

Organic Chemistry

Chemistry in the Environment

Electrochemistry



SCH 4U1--Chemistry for University

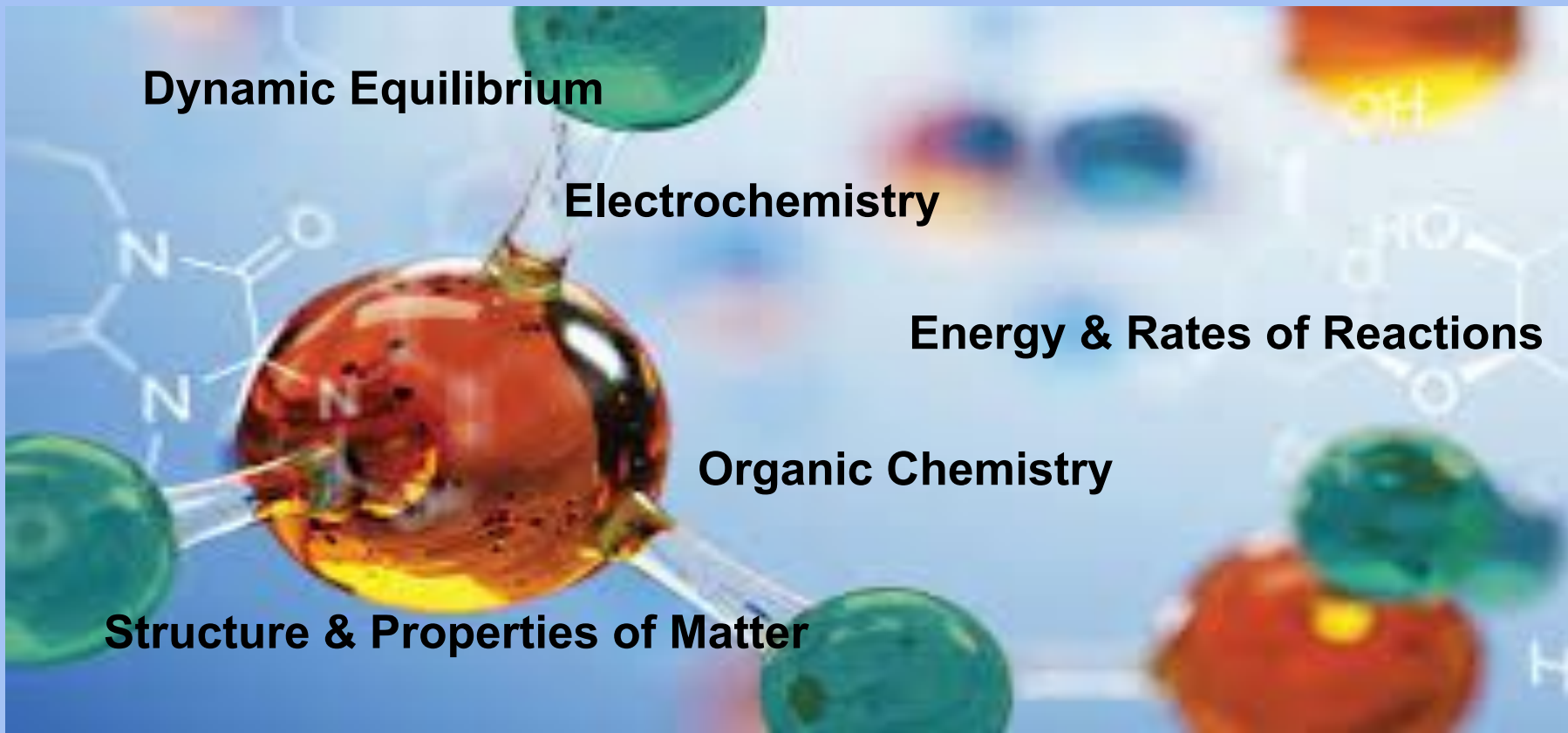
Dynamic Equilibrium

Electrochemistry

Energy & Rates of Reactions

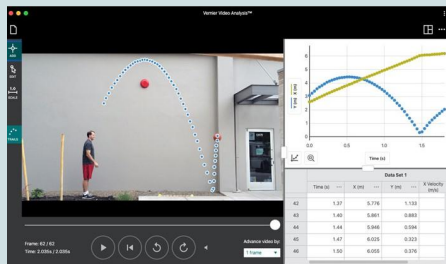
Organic Chemistry

Structure & Properties of Matter

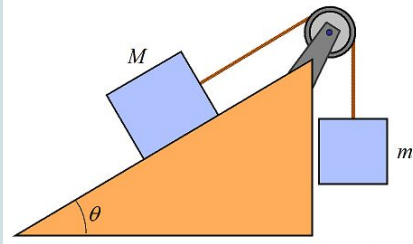


SES4U1 - Earth & Space Science





Using video analysis to analyze motion, forces and energy...



Analysing ramps and pulley systems...



Wave theory and interference of light waves...

SPH 4U1 GRADE 12 UNIVERSITY PHYSICS



Design build and launch rocket... Build Skills in:
project management, Design,
& CAD, manufacturing



Understanding Einstein's special theory of relativity...

SOCIAL SCIENCE &
HUMANITIES

FOOD AND NUTRITION - GRADE 12 HFA 4U/4C

Students will:

- Prep and cook food from all the food groups and various meal types
- Learn about nutrition and health
- Look at eating patterns and trends
- Learn about our relationships with food and the sociology of meals

This course is a good introduction for students interested in the hospitality industry or life sciences.



HIP401--Personal Life Management; AKA “Adulting 101”

Effective communication

Decision making processes and skills.

Managing money

Legal rights and responsibilities of work

Living on Your Own:



THAT HORRIFYING MOMENT WHEN YOU'RE LOOKING FOR AN ADULT BUT THEN YOU REALIZE YOU ARE AN ADULT. SO YOU LOOK AROUND FOR AN OLDER ADULT. AN ADULTIER ADULT. SOMEONE BETTER AT ADULTING THAN YOU.

ADULTING 101

--- because life doesn't come with instructions ---



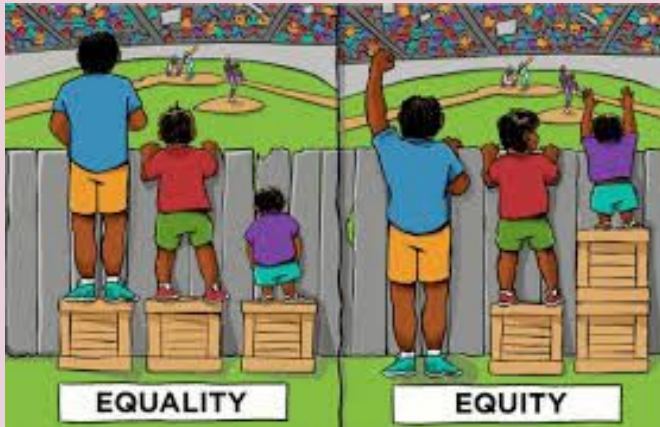
HSB4U1--Challenge and Change in Society

Grade 12 Challenge & Change focuses on the use of social science theories, perspectives, and methodologies to understand and explain the societal impact of shifts in attitudes and behaviour. Throughout this course, students will critically analyze how and why cultural, social, and behavioural patterns change over time. They will explore the ideas of social theorists and use these ideas to analyze causes of, and responses to, challenges such as technological change, deviance, and global inequalities.



HSE4M1--Equity and Social Justice

Students will learn about historical and contemporary equity and social justice issues in Canada and globally. They will explore power relations and the impact of a variety of factors on equity and social justice. Students will develop and apply research skills and will design and implement a social action initiative relating to an equity or social justice issue.



TECHNOLOGY



TCJ 4C1--Construction Tech

Students will learn design and theory in order to build items using hand and machine tools. Students are introduced to the machinery in the shop, and will learn about construction techniques for large and small projects.



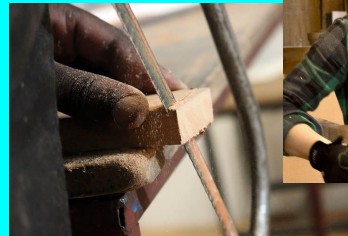


TWJ4E1 - Custom Woodworking



- **PLAN, DESIGN,** and **BUILD** cabinets and furniture!
- Learn about the entrepreneurial skills needed to establish and operate a custom woodworking business.
- Explore career opportunities that may be pursued directly after graduation.

Prerequisite: Custom Woodworking, Grade 11, Workplace Preparation





TEJ 4M1--Computer Engineering



YOU WILL LEARN

- The latest hardware and software technologies
- Information security skills
- Safety and environmental issues
- Soft skills for career development
- Hardware and software troubleshooting skills
- Advanced installation of computers, peripheral devices, networks and security components



TGV 4M--Entertainment Technology



YOU WILL LEARN

- Theatre tech, concert production, video pre-production and post-production
- the ***pre-production*** process; how to build and lead a team to create your vision.
- the ***production*** phase; how to use the equipment, camera support, lighting, audio recording and many others.
- non-linear editing suites in ***post-production*** to polish your raw footage into the final product.





TMJ 4C/M/E1--Manufacturing Tech



Areas of Study:

Safety

Precision Measurement Systems

CNC Machining

Blueprint Reading

Gas Metal Arc Welding

CNC Plasma Cutting

Arc Welding

Manual Machining

Computer Aided Manufacturing (CAM)

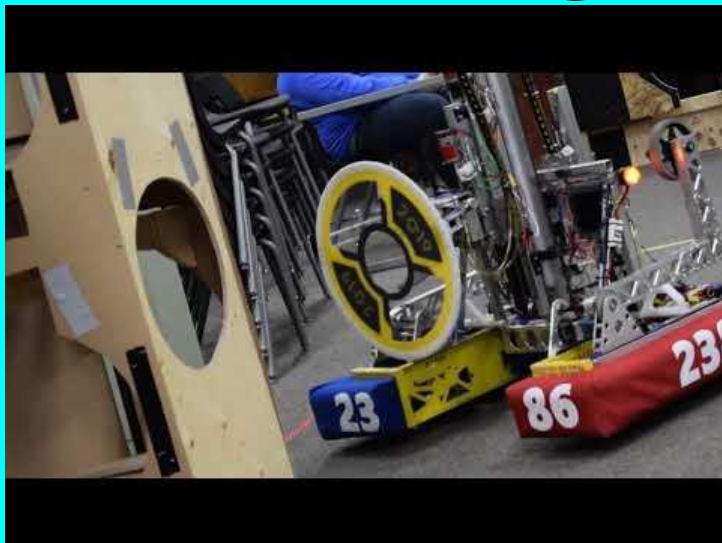
Computer Aided Drafting (CAD)

*****This course is part 1 of the Grade 12 Manufacturing SHSM. If you are in the SHSM program, you will also register for TMJ 4C/M/E2/TMM 4M to continue your specialist studies.**

ROBOTICS



Burlington Central Robotics



Comprised of 40 students from grades 9 to 12, team members need not have any prior skills or abilities before joining. Teacher, Community and Industry Experts will help mentor the team throughout the season as the students design, engineer, manufacture and code their robot to challenge other robots throughout North America in several First Robotics Competitions. Participating in these exciting competitions allows team members to develop excellent technical skills, hone creative problem solving abilities and develop both leadership and teamwork skills in the funnest way imaginable! The team is always eager to welcome new members to their ranks.



Co-Curricular Robotics

(These courses run outside of the school day and may be taken as an additional credit.)

ROBOTICS	TDJ1OP/Q Technological Design	TDJ2OP/Q Technological Design	TDR3MP/Q Technological Design: Robotics and Control Systems - DUAL CREDIT	TDR4MD Technological Design: Robotics and Control Systems Design - DUAL CREDIT
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