

Debbie Ziegler - Principal, Nadia Bearcroft - Vice Principal, Stewart Todd - Vice Principal  
Pamela McCarthy - Newmarket Trustee, Elizabeth Davis - Superintendent of Schools

Course Calendar  
2025-2026

Students ~

You and your parents/guardians have the ultimate responsibility for course selection. Guidance counsellors and subject teachers are available to help you make the best possible choices when developing your educational plan. As you consider your course selection for the 2025-2026 school year, it is important to keep how you learn in mind. Throughout your high school journey, your interests, skills and aptitudes will develop and mature. When choosing your courses please consider diploma requirements for graduation, post-secondary admission requirements, workplace and career goals.


Please choose your courses carefully. The school's timetable is built around what you choose in February, and courses only run if there is sufficient enrollment. It is not always possible to make changes to course selections in the future. You are expected to take 4 credits per semester until you have achieved 24 credits. After this, you must take at least 3 credits per semester. You must maintain full-time status in order to participate in extra-curricular activities, and qualify for many scholarships.

The Guidance Department

My Pathway Planner/Online Course Selection

Course selection is done online using My Pathway Planner. You can use this program to select courses, explore career and education options, and develop a career plan.

How to access and select courses:

- Go to [mulock.ss.yrdsb.ca](http://mulock.ss.yrdsb.ca) then select  on the bottom right hand side of the page.
- Login by your GAPPs username and password.
- Once you are logged in, you will be on the "Dashboard". Here, you can begin the process of accessing your classes, setting goals, setting up your portfolio. This is the place where you can store the information about the careers and post-secondary institutions you have researched, as well as the place where you can highlight your skills and abilities.

Once you have submitted your courses, you cannot go back in and change it.

Email your parent/guardian so that they may approve your selections. This is instead of printing a paper copy and getting a parent/guardian signature.

Graduation Requirements for  
Students Entering Grade 10

17 Compulsory Credits

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

- 4 credits in English\*
  - 3 credits in Mathematics
  - 2 credits in Science
  - 1 credit in Technological Education (grade 9 or 10)
  - 1 credit in the Arts
  - 1 credit in Canadian History
  - 1 credit in Canadian Geography
  - 1 credit in Health and Physical Education
  - 1 credit in French as a Second Language
  - 0.5 credit in Career Studies
  - 0.5 credit in Civics and Citizenship
- Plus one credit from the **STEM-related course group**:

  - Business Studies
  - Computer Studies
  - Cooperative Education
  - Mathematics (in addition to the 3 compulsory credits)
  - Science (in addition to the 2 compulsory credits)
  - Technological Education (in addition to the 1 compulsory credit)

In addition to the compulsory credits, students must complete:

- 13 optional credits
- The provincial literacy requirement
- 40 hours of community involvement
- Earn at least 2 credits through Online Learning\*\*

- \* a maximum of 3 credits in English as a second language (ESL) may be counted towards the 4 compulsory credits in English but the fourth must be a credit earned for a Grade 12 compulsory English course
- \*\* Families who wish to opt out of the Online Learning requirement will be able to do so by completing an opt-out form

The 13 optional credits may include up to 4 credits earned through approved dual credit courses

Note:

- Starting in September 2025, students must earn a new Financial Literacy Graduation Requirement as part of their compulsory grade 10 Mathematics course with a mark of 70% or higher

Course Selection Lock In Begins  
Thursday February 13, 2025

Course Selection Deadline  
Friday, February 21, 2025

Specialty Programs

The following programs are offered at Sir William Mulock S.S. Full descriptions can be found on-line by accessing my Pathway Planner through [mulock.ss.yrdsb.ca](http://mulock.ss.yrdsb.ca)

Cooperative Education

- earn credits while gaining experience in the workplace in a half-day or full-day program
- desired placements will be indicated at a later time in the co-op application form

Dual Credit

- earn up to 4 college credits (and up to 4 equivalent high school credits) while completing college courses at no cost. Typically courses run one afternoon a week at college

e-Learning

- on-line courses offered as part of a student's regular day school timetable

English as a Second Language (ESL)

- classes available for students who are learning English

High Performance Athlete (HPA)

- students who are competing at the provincial, national or international level and training at least 15 hours per week may earn cooperative education credits linked to their training

Ontario Youth Apprenticeship Program (OYAP)

- run through cooperative education, this allows high school students to be registered as apprentices and earn hours towards an apprenticeship at the same time as earning cooperative education credits

Personalized Alternative Education (PAE)

- programming for students who would benefit from smaller classes and an alternate learning model

Special Education

- learning strategies classes, community classes, monitoring, and resource assistance for students identified through a formal Identification Placement and Review Committee (IPRC)

Specialist High Skills Major (SHSM)

- programs available in Business, Construction, Health & Wellness, and Information & Communications Technology allow students interested in these sectors to concentrate their high school education and gain related workplace experience and receive a red seal on their diploma.

Planning Ahead

Apprenticeship Admission Requirements

There are over 150 different [skilled trades](#) in Ontario. By 2025, about 40% of all occupations will be in the skilled trades! Some skilled trades require students to enroll in a college program. However, there are many trades that you can start directly out of high school. Did you know... you can start accumulating apprenticeship hours through a co-operative education course?

Consider Apprenticeship if you:

- Want practical, hands on industry-related learning
- Has a specific career goal / focus
- Wish to enter the workforce quickly
- Benefit from a more intimate learning environment

Regular Apprenticeship Pathway



College Admission Requirements

Ontario colleges require students to graduate from high school and most require grade 12 English. Either grade 12 college (C) or university (U) English are acceptable. Additional prerequisites in math and/or science are required for most engineering, science, health care, business, computer and math related programs. Many colleges require students to complete a standardized admissions test and use a combination of marks in prerequisite courses and the results of the admissions testing to determine admissions. College degree programs require students to have 6 grade 12 courses at the university (U) or university/college (M) courses. Specific admission requirements can be found at [www.ontariocolleges.ca](http://www.ontariocolleges.ca)

Consider College if you:

- enjoy combining theoretical and technical knowledge
- want practical industry-related learning
- have a specific career goal / focus
- may wish to enter the workforce quickly
- benefit from a more intimate learning environment

University Admission Requirements

All Ontario universities require students to graduate from high school with 6 grade 12 university (U) or university/college (M) courses with a minimum average of 70% (although many schools require significantly higher admissions averages). Most programs require grade 12U English as a prerequisite. Additional prerequisites in math and/or science are required for most engineering, science, health care, business, computer and math related programs. Specific admission requirements can be found at [www.ouinfo.ca](http://www.ouinfo.ca)

Consider University if you:

- enjoy a classroom setting
- are analytical and enjoy critical thinking
- have good communication skills (both written and oral)
- are self-motivated and have good time management skills
- are an independent learner

34 Credit Threshold

- Most students will complete 30 credits needed for graduation in 4 years
- If needed, students may earn up to 34 credits within 5 years
- After secondary school, going beyond the 34 credit threshold is possible with e-learning, night school, summer school, adult day school, independent learning centres
- 34 credit threshold does not apply...
  - if the student has an Individual Education Plan (IEP)
  - in the first four years of secondary school
  - to English as a Second Language (ESL) courses

Grade 10

Department	Course	Course Title	Type	STEM	Prerequisite	Discipline
Business	BEP2O	Launching & Leading a Business	O	Y		BUS
Business	ICD2O1	Digital Tech & Innovation	O	Y		COMP
Drama	ADA2O1	Drama	O			ARTS
English	ENG2D1	English	D		ENL1W1/ESLDO1	ENG
English	ENG2P1	English	D		ENL1W1/ESLDO1	ENG
English	ENG2L1	English	L		Principal's approval	ENG
Family Studies	HFN2O1	Food and Nutrition	O			SSH
Guidance	GLC2O1	Career Studies (0.5 credit)	O			CSC
Health & Phys Ed	PAF2O8	Personal Fitness - female	O			HPE
Health & Phys Ed	PAF2O9	Personal Fitness - male	O			HPE
Health & Phys Ed	PAI2O1	Racquets—all	O			HPE
Health & Phys Ed	PPL2O1	Healthy Active Living - all	O			HPE
History	CHC2D1	Canadian History Since World War 1	D			CWS
History	CHC2L1	Canadian History Since World War 1	L		Principal's approval	CWS
History	CHV2O1	Civics & Citizenship (0.5 credit)	O			CWS
Int Language	FSF2D1	Core French	D		FSF1D1	FSL
Int Language	LWSBD1	Beginner Spanish	D			CIL
Mathematics	MAT2L1	Math	L		Principal's approval	MATH
Mathematics	MFM2P1	Foundations of Math	P		MTH1W1	MATH
Mathematics	MPM2D1	Principles of Math	D		MTH1W1	MATH
Music	AMI2O1	Instrumental Music—Band	O			ARTS
Music	AMI2O2	Instrumental Music—Beginner Band	O			ARTS
Music	AMR2O1	Repertoire - Band	O			ARTS
Music	AMV2O1	Music - Vocal/Choral	O			ARTS
Science	SNC2D1	Science	D		SNC1W1	SCI
Science	SNC2P1	Science	P		SNC1W1	SCI
Science	SNC2L1	Science	L		Principal's approval	SCI
Special Ed	GLE2O1	Learning Strategies	O		Have an IEP	GCE
Technology	TCJ2O1	Construction Technology	O	Y		TECH
Technology	TDJ2O1	Technological Design	O	Y		TECH
Technology	TEJ2O1	Computer Technology	O	Y		TECH
Visual Arts	ASM2O1	Media Arts	O			ARTS
Visual Arts	AVI2O1	Visual Arts	O			ARTS
Visual Arts	AWQ2O1	Visual Arts - Photography	O			ARTS

Grade 11

Department	Course	Course Title	Type	STEM	Prerequisite	Discipline
Business	BAF3M1	Financial Accounting Fundamentals	M	Y		BUS
Business	BDI3C1	Entrepreneurship: The Venture	C	Y		BUS
Business	BMI3C1	Marketing: Goods, Services, Events	C	Y		BUS
Business	CLU3M1	Understanding Canadian Law	M		CHC2D1	CWS
Business	ICS3U1	Introduction to Computer Science	U	Y		COMP
Drama	ADA3M1	Drama	M		ADA1O1/ADA2O1	ARTS
English	NBE3C1	English: Understanding Contemporary First Nations, Métis, & Inuit Voices	C		ENG2D1/ENG2P1	ENG
English	NBE3E1	English: Understanding Contemporary First Nations, Métis, & Inuit Voices	C		ENG2L1/ENG2P1	ENG
English	NBE3U1	English: Understanding Contemporary First Nations, Métis, & Inuit Voices	U		ENG2D1	ENG
Family Studies	HFC3M1	Food and Culture	M			SSH
Family Studies	HNC3C1	Understanding Fashion	C			SSH
Family Studies	HPC3O1	Raising Healthy Children	O			SSH
Family Studies	HSP3U1	Anthropology, Psychology, Sociology	U		ENG2D1/CHC2D1	SSH
Geography	CGF3M1	Forces of Nature: Physical Processes and Disasters	M		CGC1W1/CGC1D1	CWS
Geography	CGG3O1	Travel and Tourism	O		CGC1D1/CGC1P1	CWS
Health & Phys Ed	PAD3O1	Outdoor Education—all	O			HPE
Health & Phys Ed	PAF3O8	Personal Fitness - female	O			HPE
Health & Phys Ed	PAF3O9	Personal Fitness - male	O			HPE
Health & Phys Ed	PAI3O1	Racquets—all	O			HPE
Health & Phys Ed	PPL3O1	Healthy Active Living—all	O			HPE
History	CHW3M1	World History to the end of the 15th Century	M		CHC2D1/CHC2P1	CWS
History	HZB3M1	Philosophy: The Big Questions	M			SSH
History	IDC3O1	Yoga and the Art of Wellness	O			IDS
Int Language	FSF3U1	Core French	U		FSF2D1	FSL
Mathematics	MBF3C1	Foundations for College Math	C		MFM2P1/MPM2D1	MATH
Mathematics	MCF3M1	Functions and Applications	M		MFM2D1/MPM2D1	MATH
Mathematics	MCR3U1	Functions	U		MPM2D1/MCF3M1	MATH
Mathematics	MEL3E1	Math for Work and Everyday Life	E		MFM1P1/MAT2L1	MATH
Music	AMI3M1	Instrumental Music	M		any 9 or 10 Music	ARTS
Music	AMR3M1	Repertoire - Band	M		any 9 or 10 Music	ARTS
Music	AMV3M1	Music - Vocal/Choral	M		any 9 or 10 Music	ARTS
Science	SBI3C1	Biology	C	Y	SNC2P1/SNC2D1	SCI
Science	SBI3U1	Biology	U	Y	SNC2D1	SCI
Science	SCH3U1	Chemistry	U	Y	SNC2D1	SCI
Science	SPH3U1	Physics	U	Y	SNC2D1	SCI
Science	SVN3E1	Environmental Science ( <i>alt years</i> )	E	Y	SNC1D1/SNC1P1/ SNC1W1/SNC1L1/ SNC2L1	SCI
Special Ed	GLE3O1	Advanced Learning Strategies	O		Have an IEP	GCE
Technology	TCJ3C1	Construction Technology	C	Y		TECH
Technology	TDJ3M1	Technological Design	M	Y		TECH
Technology	TEJ3M1	Computer Engineering Technology	M	Y		TECH
Technology	TER3M1	Computer Engineering Tech: Robotics	M	Y		TECH
Technology	TPJ3C1	Health Care	C	Y		TECH
Technology	TPJ3M1	Health Care	M	Y		TECH
Technology	TWJ3E1	Custom Woodworking	E	Y		TECH
Visual Arts	ASM3M1	Media Arts	M		ASM2O1	ARTS
Visual Arts	AVI3O1	Visual Arts - Cartooning	O			ARTS
Visual Arts	AWL3M1	Visual Arts - Drawing	M		AVI1O1/AVI2O1	ARTS
Visual Arts	AWN3M1	Visual Arts—Painting	M		AVI1O1/AVI2O1	ARTS
Visual Arts	AWQ3M1	Visual Arts - Photography	M		AVI1O1/AVI2O1/AWQ2O1	ARTS
Visual Arts	AWQ3O1	Visual Arts - Photography	O			ARTS
Visual Arts	AWS3M1	Visual Arts - Computer Animation	M		AVI1O1/AVI2O1/ASM2O1	ARTS

 New course offering

Grade 12

Department	Course	Course Title	Type	STEM	Prerequisite	Discipline
Business	BBB4M1	International Business Fundamentals	M	Y		BUS
Business	BOH4M1	Business Leadership: Management Fundamentals	M	Y		BUS
Business	CLN4U1	Canadian and International Law	U		◆	CWS
Business	ICS4U1	Computer Science	U	Y	ICS3U1	COMP
Business	IDC4U2	Sports, Event & Entertainment Marketing	U		►	IDS
Drama	ADA4M1	Drama	M		ADA3M1	ARTS
English	ENG4C1	English	C		ENG3C1/ENG3U1/ NBE3C1/NBE3U1	ENG
English	ENG4E1	English	E		ENG3E1/NBE3E1	ENG
English	ENG4U1	English	U		ENG3U1/NBE3U1	ENG
English	ETS4U1	Studies In Literature ( <i>alternate years</i> )	U		ENG3U1/NBE3U1	ENG
English	EWG4U1	The Writer's Craft	U		ENG3U1/NBE3U1	ENG
English	OLC4O1	Literacy Course	O		Principal's approval	ENG
Family Studies	HFA4C1	Nutrition & Health	C		◆◆	SSH
Family Studies	HFL4E1	Food and Healthy Living	E			SSH
Family Studies	HHG4M1	Human Development Throughout the Lifespan	M		◆◆	SSH
Family Studies	HHS4U1	Families in Canada	U		◆	SSH
Family Studies	HNB4M1	The World of Fashion	M		◆◆	SSH
Family Studies	HPD4C1	Working With School-Age Children & Adolescents	C		◆◆	SSH
Geography	CGR4E1	Living in a Sustainable World	E		CGC1D1/CGC1P1	CWS
Geography	CGW4U1	World Issues: A Geographic Analysis	U		◆	CWS
Geography	NDW4M1	Contemporary Indigenous Issues & Perspectives in a Global Context	M		◆◆	FNMI
Health & Phys Ed	PAD4O1	Outdoor Education—all	O			HPE
Health & Phys Ed	PAF4O8	Personal Fitness - female	O			HPE
Health & Phys Ed	PAF4O9	Personal Fitness - male	O			HPE
Health & Phys Ed	PLF4M1	Recreation & Healthy Active Living Leadership	M		any Health & Phys Ed Course	HPE
Health & Phys Ed	PPL4O1	Healthy Active Living—all	O			HPE
Health & Phys Ed	PSK4U1	Introduction to Kinesiology	U		■	HPE
History	CHY4U1	World History Since the 15th Century	U		◆	CWS
History	CIA4U1	Analyzing Current Economic Issues	U		◆	CWS
History	HSB4U1	Challenge and Change in Society	U		◆	SSH
History	HSE4M1	Equity & Social Justice	M		◆◆	SSH
History	HZT4U1	Philosophy: Questions & Theories	U		◆	SSH
History	IDC4O1	Yoga and the Art of Resiliency	O			IDS
Int'l Language	FSF4U1	Core French	U		FSF3U1	FSL
Mathematics	MAP4C1	Foundations for College Mathematics	C	Y	MBF3C1/MCF3M1/ MCR3U1	MATH
Mathematics	MCV4U1	Calculus and Vectors	U	Y	MHF4U1	MATH
Mathematics	MDM4U1	Math of Data Management	U	Y	MCF3M1/MCR3U1	MATH
Mathematics	MEL4E1	Math for Work and Everyday Life	E	Y	MEL3E1/MBF3C1	MATH
Mathematics	MHF4U1	Advanced Functions	U	Y	MCR3U1	MATH
Music	AMI4M1	Instrumental Music	M		any 11 M Music	ARTS
Music	AMR4M1	Repertoire - Band	M		any 11 M Music	ARTS
Music	AMV4M1	Music - Vocal/Choral	M		any 11 M Music	ARTS
Science	SBI4U1	Biology	U	Y	SBI3U1	SCI
Science	SCH4C1	Chemistry	C	Y	SNC2P1/SNC2D1	SCI
Science	SCH4U1	Chemistry	U	Y	SCH3U1	SCI
Science	SES4U1	Earth and Space Science	U	Y	SNC2D1	SCI
Science	SPH4C1	Physics	C	Y	SNC2P1/SNC2D1	SCI
Science	SPH4U1	Physics	U	Y	SPH3U1	SCI
Special Ed	GLE4O1	Advanced Learning Strategies	O		Have an IEP	GCE
Technology	TCJ4C1	Construction Technology	C	Y	TCJ3C1	TECH
Technology	TDJ4M1	Technological Design	M	Y	TDJ3M1	TECH
Technology	TEJ4M1	Computer Engineering Technology	M	Y	TEJ3M1/TER3M1	TECH
Technology	TPJ4C1	Health Care	C	Y	TPJ3C1/TPJ3M1	TECH
Technology	TPJ4M1	Health Care	M	Y	TPJ3M1	TECH
Technology	TWJ4E1	Custom Woodworking	E	Y	TWJ3E1	TECH
Visual Arts	ASM4M1	Media Arts	M		ASM3M1	ARTS
Visual Arts	AVI4M1	Visual Arts - Portfolio	M		any 11 M Visual Art	ARTS
Visual Arts	AWK4M1	Visual Arts - Illustration	M		any 11 M Visual Art	ARTS
Visual Arts	AWQ4M1	Visual Arts - Photography	M		any 11 M Visual Art	ARTS
Visual Arts	AWS4M1	Visual Arts - Computer Animation	M		any 11 M Visual Art	ARTS

Plan Ahead...	2026-2027					
Business	BAT4M1	Financial Accounting Principles ( <i>alternate years</i> )	M	Y	BAF3M1	BUS
Science	SNC4E1	Science ( <i>alternate years</i> )	E	Y	SNC2P1/SNC2L1	SCI

- ◆ Any U, M course in English, Canadian World Studies, Social Sciences & Humanities
- ◆◆ Any U, M, C course in English, Canadian World Studies, Social Sciences & Humanities
- Any U, M course in Business, English or Canadian & World Studies
- Any grade 11 U or M course in Science or Any Grade 11/12 open course in Health & Physical Education

ESL English as a Second Language

	Course	Course Title	Type	Prerequisite
ESL - Level 1	ESLAO1	English as a Second Language	O	
ESL - Level 2	ESLBO1	English as a Second Language	O	ESLAO1
ESL - Level 3	ESLCO1	English as a Second Language	O	ESLBO1
ESL - Level 4	ESLDO1	English as a Second Language	O	ESLCO1
ESL - Level 5	ESLEO1	English as a Second Language	O	ESLDO1

Cooperative Education

Grade 11 & 12

	Course	Course Title	Type	STEM	Prerequisite
Cooperative Ed	COOP2	Co-op (2 credits)	X	Y	by application
Cooperative Ed	COOP2AM	Co-op (4 credits)	X	Y	by application
Cooperative Ed	COOP2PM	Co-op (4 credits)	X	Y	by application

High Performance Athlete

Cooperative Ed	HPA11	High Performance Athlete (sem 1)	X	Y	by application
Cooperative Ed	HPA21	High Performance Athlete (sem 2)	X	Y	by application

Course Types

Can be identified by the 5th digit of the course code.

- C College
- D Academic
- E Workplace
- L Locally Developed
- M University/College
- O Open
- U University
- W De-streamed
- X Cooperative Education

Disciplines

- ARTS = Arts
- BUS = Business
- CWS = Canadian & World Studies
- CSC = Career Studies / Civics
- CIL = Classical & International Languages
- COMP = Computer Studies
- ENG = English
- FSL = French as a 2nd Language
- FNMI = First Nations, Métis & Inuit Studies
- GCE = Guidance & Career Education
- HPE = Health & Physical Education
- IDS = Interdisciplinary Studies
- MATH = Mathematics
- SCI = Science
- SSH = Social Sciences & Humanities
- TECH = Technological Education