Westlane Course Selections

2022-2023

Course Selection Dates Grade 9s: Period 1 Feb 8-17 (Lab 1100) Grade 10s: Period 3 Feb 8-17 (Lab 2026) Grade 11s: Period 5 Feb 8-17 (Lab1096)

What do you need to graduate from high school?

18 compulsory credits

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

- 4 credits in English (1 credit per grade)*
- 3 credits in mathematics (1 credit in Grade 11 or 12)
- 2 credits in science
- 1 credit in Canadian history
- 1 credit in Canadian geography
- 1 credit in the arts
- 1 credit in health and physical education
- 1 credit in French as a second language
- 0.5 credit in career studies
- 0.5 credit in civics

In addition, students must complete:

 ✓
 12 optional credits*

 ✓
 40 hours of community involvement activities

the provincial literacy requirement

Plus one credit from each of the following groups:

Group 1:

- English or French as a second language**
- a Native language
- · a classical or international language
- social sciences and the humanities
- Canadian and world studies
- guidance and career education
- · cooperative education***

Group 2:

- · health and physical education
- the arts
- business studies
- · French as a second language**
- · cooperative education***

Group 3:

- science (Grade 11 or 12)
- technological education
- · French as a second language**
- · computer studies
- · cooperative education***

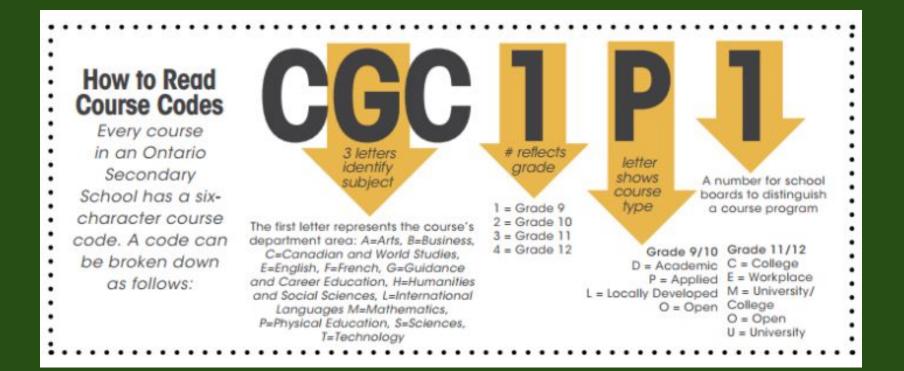
If you are missing a Group, Arts, or other compulsory credit, we will go over this when we work with your individual class to complete course selections (for Grade 11s). Please DO NOT LOCK your courses until your class meets with Guidance.

NEW Ministry of Education Online Learning Graduation Requirement

For students who entered Grade 9 in the 2020-2021 school year (current Grade 9s and 10s), all students must earn a minimum of two online learning credits in order to graduate.

There will be an opt out option that will be made available to students in the coming months. With parental consent, a form can be completed to OPT OUT of the requirement to earn two online credits.

More details to follow for both those opting out and those that plan on earring those two credits through online classes.



Course Requests must be completed by the end of the day on February 17th, 2022. When clicking submit, you are confirming that you have your parents approval for your course choices. You will be locked out by the system at midnight.

Do not panic if you are not 100% certain of your course selections, you will have an opportunity around mid-term to review your choices and ask Guidance to make any changes.

Please make sure you are a member of the Guidance Google Classroom for your grade.





Schools Open February 8

Arts

aming starts on Monday, February B. More information will be sent to you from your student's school

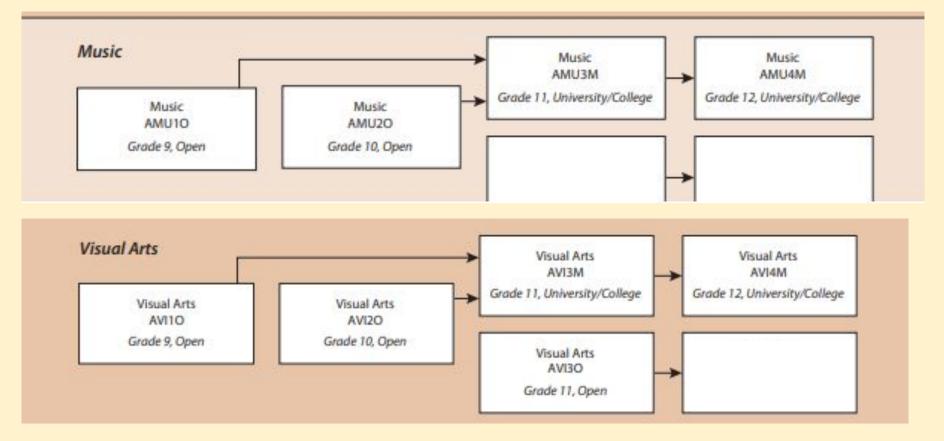
Student Services	Updated on February 5, 2021
Guidance Contact Information	Course Selections for 2021-2022 School Year
Google Classroom Codes for all Grades	
arad linternation & Applying to College and	Course selections for next year will open on February 12th. You will complete course selections by logging into your eLearning account and looking for the Career
uture Spartans & Transition to High Schoo	Cruising widget (see below). • Once you look your selections you cannot make changes, so do not look until Feburary 17th.
ourse Selections	Critely ou look your detections you cannot make onanges, so do not look until redurary 1/01. A namated version of the normal grade assemblies will be posted on this page and in each Guidance Google
Iploma Requirements	Classroom next weak. It will be lengthy but students (and parents) are encouraged to review this Presentation in order to effectively choose courses for next year.
annunity involvement	Students are encouraged to take time to carefully consider their options and future plans. They should talk to their
pectal Education Resources and Services	parent / guardian as well as their Guidance Teacher should they have questions. All students will choose their courses as part of their afternoon class on Wednesday. February 17th, Guidance
ost Secondary Planning, Scholarships & Of	Teachers will be available virtually to assist with questions.
HSM	 Guidance will also be setting up some virtual drop in sessions before this time to answer questions. These will be posted in each Guidance Google Classroom. Some classes may invite Guidance Teachers to virtually drop in the week before ourses are located in.
Social Warker & Youth Courseller	Course choices will be automatically locked in at midnight on FEBRUARY 17TH, 2021. You will not be able to add courses or make changes after this time. Students must complete their course selections by the end of the day of February 17th. Please note that by hitting the SUBMIT button, students are agreeing that they have reviewed their course selections with their parents and have been given permission to submit. DO NOT FMOI (you are not 10%), cortisor of your course adjustions, you will have an opportunity around michaem they be review your choices and eak (Subaratio before the dashine, and we don't face to the stability around michaem they are reviewed here is course of the where a chain to be of morts to fax, or course adjustions, you will have an opportunity around michaem they be stable to have the second of the dashine, and we don't face to the stability around michaem to not or courses and we have a cauge of morths to fax, or course adjustions to submit. Do NOT FMOI (you are not have a bardent before the dashine, and we don't face to them to iso of time for you to review your courses and we have a cauge of morths to fax, or course. We wont have time to make with all subaritie before the dashine, and we don't face to them to isos of time for you to review you courses and we have a cauge of morths to fax, or courses and we have a cauge of the face to them to place to have a general number in the system by February 17 the davance Google Clasentom for your grade. The Course Descriptions by Discipline below have already been updated with current course offerings; you can review these at any time.

You can find all course descriptions in Career Cruising, but they are also on the Student Services website under "Course Selections" then scroll to "Course Descriptions by Discipline".

ARTS COURSES WITH PRE REQUISITES ARE INDICATED WITH *

- ADA2O1- Dramatic Arts Open (Grade 9 Drama is NOT necessary)
- AMU2O1 Instrumental Music Introductory Open (Pick this if you **DID NOT** take music in Grade 9)
- AMI2O1* Instrumental Music Open (for those who **DID** take Grade 9 Instrumental)
- AMV201 Vocal Music Open (Grade 9 Vocal Music is NOT necessary)
- AVI2O1 Visual Arts Open (Grade 9 Visual Arts is NOT necessary)
- AMI3MI* Instrumental Music University/College Preparation
- AMV3M1* Vocal Music University/College Preparation
- AVI3O1 Visual Arts Open
- AVI3M1* Visual Arts University/College Preparation
- AWM3M* Visual Arts: Drawing & Painting Focus University/College Preparation
- AMI4MI* Instrumental Music University/College Preparation
- AMV4M1* Vocal Music University/College Preparation
- AVI4M1* Visual Arts University/College Preparation
- AWM4M1* Visual Arts: Drawing & Painting Focus (NEW!) University/College Preparation

ARTS



Business and Computers COURSES WITH PRE REQUISITES ARE INDICATED WITH *

- BBI201 Introduction to Business Open
- BTT201- Information & Communication Technology in Business Open (Do <u>NOT</u> take if you took Grade 9 Business, it won't count as a credit)
- BAF3M1 Financial Accounting Fundamentals University/College Preparation
- BDI3C1 Entrepreneurship: The Venture College Preparation
- BMI3C Marketing: Goods, Services & Events
- BTA301 Information & Communication Technology: The Digital Environment Open
- BAT4M1* Financial Accounting Principles University/College Preparation (ONLY Business course with a prerequisite, BAF3M1)
- BBB4M1 International Business Fundamentals University/College Preparation
- BOH4M1 Business Leadership Management Fundamentals U/C Prep

Canadian & World Studies COURSES WITH PRE REQUISITES ARE INDICATED WITH *

COMPULSORY CREDIT FOR GRADE 10

- CHC2D1 Canadian History Since World War I Academic
- CHC2P1 Canadian History Since World War I Applied

- CGG3O1 Travel & Tourism: A Geographic Perspective Open
- *CGF3M1 Forces of Nature: Physical Processes & Disasters Uni/Col Prep
- *CHW3M1 World History to the End of the Fifteenth Century Uni/Col Prep
- *CLU3M1 Understanding Canadian Law University/College Preparation (prerequisite for both CHW and CLU is CHC2D or CHC2P - Grade 10s choosing this MUST have CHC scheduled semester 1 and CLU3M or CHW3M semester 2)

Canadian & World Studies

- *CGW4U1 World Issues: A Geographic Analysis University Preparation
- CHY4C1 World History since the 15th Century College Preparation
- *CHY4U1 World History since the 15th Century University Preparation
- CLN4C1 Legal Studies College Preparation
- *CLN4U1 Canadian & International Law University Preparation

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

English

COMPULSORY CREDIT FOR GRADE 10

- ENG2D1 English Academic
- ENG2P1 English- Applied

COMPULSORY CREDIT FOR GRADE 11

- ENG3C1 English College Preparation
- ENG3U1 English University Preparation

OR

- NBE3C English: Understanding FNMI Voices College
- NBE3U English: Understanding FNMI Voices University

Continued...

English

COMPULSORY CREDIT FOR GRADE 12:

- ENG4C1 English College Preparation
- ENG4U1 English University Preparations

ELECTIVE CREDITS:

- EWC4C1 The Writer's Craft College Preparation
- EWC4U1 The Writer's Craft University Preparation

Pre-requisite is ENG3C or ENG3U

Guidance & Career Education, Co-op

COMPULSORY CREDITS FOR GRADE 10

- CHV2OH Civics and Citizenship Open (¹/₂ credit course)
- GLC20H Career Studies Open (¹/₂ credit course)
- GPP301 Leadership & Peer Support Open
- COOP8 Co-operative Education Open (full day co-op choose COOP8 AND COOP9)

Other Program Options (most for Grade 12s only):

- **Homebuild** (will post in Guidance Google Classroom when apps are open, full day/entire semester)
- **Military Co-op** (will post in Guidance Google Classroom when apps are open, full day/entire semester)
- Brock Mentorship (tentatively running 2022/23, apps need to be started now)
- **Magnet** (possibility of taking courses at Myer or Stamford that we don't offer; half day)
- **DIG-IT** (Regional Horticulture program; 2-3 days off site working in the region every week)
- **Niagara Link** (full day, off site, with additional one college credit from Niagara)
- **Dual Credit** (¹/₂ day, at NC, with two college credits from Niagara and two high school credits)

Health & Physical Education

- PPL20F & PPL2OM Healthy Active Living Education Open
- PAF2OH & PAL2OH Hockey Focus Course Open
- PAL20B Large Court Sports Focus Course Open

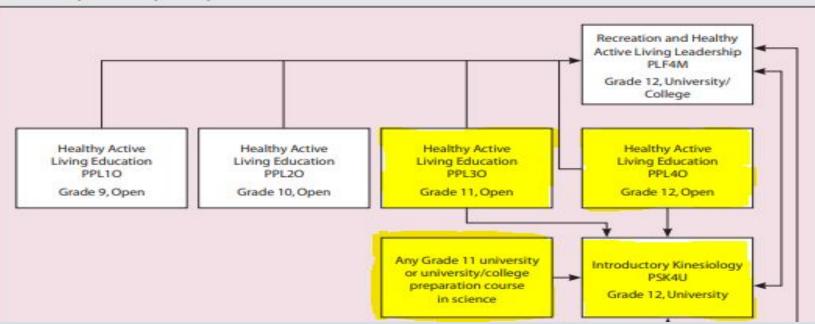
- PPL3OF & PPL3OM Healthy Active Living Education Open
- PAF3OF & PAF3OM Healthy Living & Personal Fitness Activities Open
- PAL3OB Large Court Sports Focus Course Open (if you took PAL2OB you can take PAL3OB)

- PPL4OF & PPL4OM Healthy Active Living Education Open
- PAF4OF & PAF4OM Healthy Active Living Education Open
- PSK4UI- Introductory Kinesiology University Preparation
- PLF4MI- Recreation & Healthy Active Living Leadership

Health & Physical Education

Prerequisite Chart for Health and Physical Education, Grades 9–12

This chart maps out the courses in the discipline and shows the links between courses and the possible prerequisites for them.



Moderns/Language

• FSF2D1 - Core French - Academic

• FSF3U1 - Core French - University Preparation (must have FSF2D)

• FSF4U1 - Core French - University Preparation (must have FSF3U)

Mathematics

COMPULSORY CREDIT FOR GRADE 10

- MFM2P1 Foundations of Mathematics Applied
- MPM2D1 Principles of Mathematics Academic

COMPULSORY CREDIT FOR GRADE 11

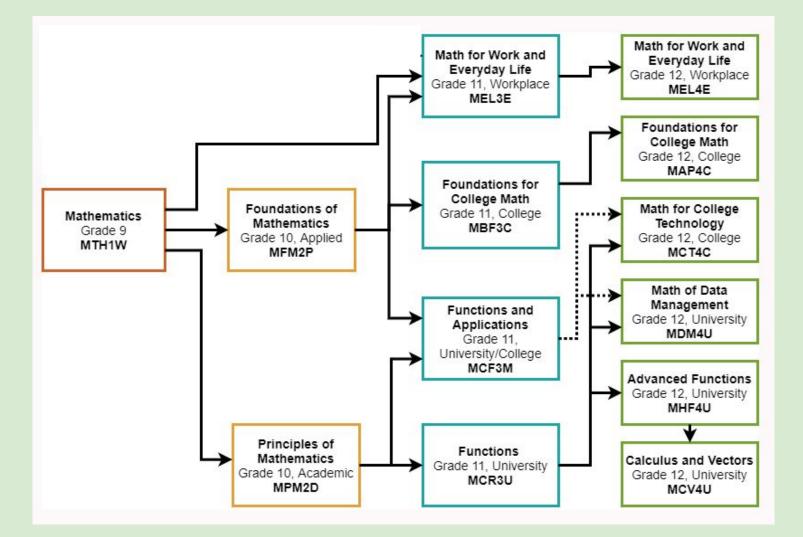
- MBF3C1 Foundations for College Mathematics College Preparation
- MCF3M1 Functions & Applications University/College Preparation
- MCR3U1 Functions University Preparations
- MEL3E1 Mathematics for Work & Everyday Life Workplace Preparation (ONLY AVAILABLE WITH GUIDANCE DIRECTION)

If you NEED to take MCR3U for post-secondary, but you struggled in MPM2D, you do have the option of taking BOTH MCF3M and MCR3U in Grade 11. This will give you the opportunity to improve your math abilities before attempting MCR3U.

Mathematics

- MAP4C1 Foundations for College Mathematics College Preparation
- MDM4U1 Mathematics of Data Management University Preparation
- MHF4U1 Advanced Functions University Preparation
- MCT4C Mathematics for College Technology (NEW pre req MCF3M)
- MCV4U1 Calculus & Vectors University Preparation (prerequisite MHF4U1)

 MEL4E1 - Mathematics for Work & Everyday Life - Workplace Preparation (ONLY AVAILABLE WITH GUIDANCE APPROVAL)



Science

COMPULSORY CREDIT FOR GRADE 10

- SNC2D1 Science Academic
- SNC2P1 Science Applied

- SBI3C1 Biology College Preparation
- SBI3U1 Biology University Preparation
- SCH3U1 Chemistry University Preparation
- SPH3U1 Physics University Preparation
- SAN331 Animal Science Locally Developed Open

Science

- *SBI4U1 Biology University Preparation (prerequisite: SBI3U1)
- *SCH4C1 Chemistry College Preparation (prerequisite: SNC2P1)
- *SCH4U1 Chemistry University Preparation (prerequisite: SCH3U1)
- *SPH4C1 Physics College Preparation (prerequisite: SNC2P1)
- *SPH4U1 Physics University Preparations (prerequisite: SPH3U1)
- *SNC4M1 Science University/College Preparation (prerequisite: SNC2D1 or ANY Grade 11 college or university science)

College Bound Students:

College Biology is ONLY offered as a Grade 11 course. College Chemistry is ONLY offered as a Grade 12 course. College Physics is ONLY offered as a Grade 12 course.

Social Science & Humanities

- HNL2O1 Clothing Open
- HIF2O1 Family Studies Open (Do <u>NOT</u> take if you took Grade 9 Family Studies, it won't count as a credit)
- HNC3C1 Understanding Fashion College Preparation
- HPC3O1 Raising Healthy Children Open
- HSP3C1 Introduction to Anthropology, Psychology, & Sociology College Prep
- HSP3U1 Introduction to Anthropology, Psychology, & Sociology Uni Prep

- HNB4M1 The World of Fashion University/College Preparation
- HSB4U1 Challenge & Change in Society University Preparation
- HSC4M1 World Cultures University/College Preparation

Technological Education - Grade 10 Options

- TCJ201 Construction Technology Open
- TDJ2O1 Technological Design Open
- TGJ201 Communications Technology Open
- THJ201 Green Industries Open
- TMJ201 Manufacturing Technology Open
- TTJ201 Transportation Technology Open

The prerequisite for ALL Grade 12 technology courses is the Grade 11 in the same subject.

Students can take ANY Grade 11 technology course WITHOUT taking the Grade 10.

Technological Education - Grade 11 & 12 Options

- TCJ3C1 & TCJ4C1 Construction Technology College Preparation
- TDJ3M1 & TDJ4M1 Technological Design University/College Preparation
- TEJ3M1 & TEJ4M1 Computer Engineering Technology Uni/Col Prep
- TGG3M1 & TGG4M1 Communications Tech: Print & Graphic Communications (Yearbook)
- TGJ3M1 & TGJ4M1 Communications Technology University/College Prep
- TGV3M1 & TGV4M1 TV, Video & Movie Production Focus Course U/C
- THJ3M1 & THJ4M1 Green Industries University/College Preparation
- TMJ3C1 & TMJ4C1 Manufacturing Technology Workplace Preparation
- TTJ3C1 & TTJ4C1 Transportation Technology College Preparation

Technological Education - Projects/Curriculum

TCJ Construction Class at Westlane

- 1. Learn how to use all the equipment correctly and safely.
- 2. Student hone their skill by making personal wood working projects such as: Tables, Jewelry Boxes, Chairs, Hope chests etc.

By grade 12 you design and mark your own personal wood working Projects.

- 3. Students learn modern wood working skills by using the Computer Controlled (CNC) Wood Carving machine.
- During the semester students get introduced to house construction skills such as: Make practical projects that include:
 - Floor, Wall and Roof Framing. - House repair skills
 - Make stair and deck platforms.
 - Learn hands on Electrical Skills.

TMJ Manfacturing Class at Westlane

- 1. Learn how to use Welding, Metal lathe and Milling equipment.
 - Students make personal projects such as:

Spinners, Custom Pens, Custom Keychains, Welding, Metal Lock Boxes etc.

2. During the semester students get introduced to Metal Fabricating, Welding, Lathe Work, Mill Wright Work, Machine Repair, etc.

Lock Box









Lathe Work



Specialist High Skills Major Programs

- Agriculture
- Construction
- Information Communication Technology (ICT)
- Transportation
- Regional DIG IT program = Horticulture

SHSM programs provide a Red Seal Diploma when all components have been met. Students sign up for this program in Grade 11 or 12.

Students will complete Certifications, Experiential Learning, Sector-Partnered Contextualized Experiences, and a bundle of specific senior credits.

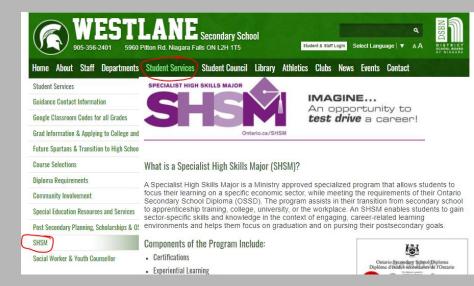
Course Requirements:

- 1. Two Co-op Credits
- 2. Four Senior credits in the Major
- 3. One Senior English Credit
- 4. One Senior Math Credit (two for Construction)
- 5. One "other" Senior Credit, usually from the Business or Science Department

More information can be found in e-brochures on the Student Services website.

You can also reach out to the teachers connected to each SHSM.

- Agriculture: Mrs. Summerfield & Mr. Granger
- Construction: Mr. Polich
- ICT: Mr. Babony & Mr. Jenkins
- Transportation: Mr. Rioux
- Horticulture: Mrs. Summerfield



CONSTRUCTION **Specialist High Skills Major**

SHSM Major Credits - (4) Regulred

Grade 11

Construction Technology TCJ3C Manufacturing Technology TMJ3C AVI3M Visual Arts **Technological Design** TDJ3M Transportation Technology TTJ3C SPH3U Physics

One English Credit

ENG3C	English	ENG
ENG3U	English	ENG
NBE3C	English: Contemporary Aboriginal Voices	OLC4
NBE3U	English: Contemporary Aboriginal Voices	

Two Mathematics Credits

MBF3C	Foundations of College Mathematics	1
MCF3M	Functions & Applications	1
MCR3U	Functions	1
MEL3E	Mathematics for Everyday Life	1

TCJ4C	Construction Technology
TMJ4C	Manufacturing Technology
AVI4M	Visual Arts
SPH4C	Physics
TDJ4M	Technological Design
TTJ4C	Transportation Technology
CGW4U	World Issues: A Geographic Analysis
SPH4U	Physics

Grade 12

IG4C	English
IG4U	English
LC40	Ontario Literacy Course

Foundations for College Mathematics MAP4C Advanced Functions MHF4U **Calculus & Vectors** MCV4U

MDM4U Data Management

Other Required Credit (Please note that major course codes with a cross + can count for either one of the Major credits or the one required "Other" credit. Also, course codes with an asterisk * are offered every other year.)

+ AVI3M/30 Visual Arts

- * BMI3C Marketing: Goods, Services, Events
- **Environmental Science** * SVN3M
- **Financial Accounting Fundamentals** BAF3M
- SBI3C Biology
- + SPH3U Physics
- **Computers for Business** BTA3O
- Physics † SPH4C
- **Financial Accounting Principles** BAT4M
- International Business **BBB4M**
- Visual Arts AVI4M
- BOH4M Business Leadership Management Fundamentals
- SCH4C Chemistry
- * SNC4M Science

Cooperative Education

- (2) Required in the SHSM related field



Agriculture is currently under development so course options are not finalized. Guidance can provide some idea of the required courses.

INFORMATION & COMMUNICATION TECHNOLOGY Specialist High Skills Major

SHSM Major Credits - (4) Required

Grade 11

ТМЈЗС	Manufacturing Technology
SPH3U	Physics
TEJ3M	Computer Engineering Technology
TGJ3M	Communications Design
TDJ3M	Technological Design
TGV3M	TV, Video & Movie Production

One English Credit

ENG3C	English	ENG4C
ENG3U	English	ENG4U
NBE3C	English: Contemporary Aboriginal Voices	OLC40
NBE3U	English: Contemporary Aboriginal Voices	

One Mathematics Credit

MBF3C	Foundations of College Mathematics	MAP4C
MCF3M	Functions & Applications	MHF4U
MCR3U	Functions	MCV4U
MEL3E	Mathematics for Everyday Life	MDM4U

TEJ4M	Computer Engineering Technology
TDJ4M	Technological Design
TMJ4C	Manufacturing Technology
SPH4U	Physics
TGV4M	TV, Video & Movie Production
TGJ4M	Communications Technology
SPH4C	Physics

Grade 12

NG4C	English
NG4U	English
LC40	Ontario Literacy Course

- 4C Foundations for College Mathematics
 4U Advanced Functions
- CV4U Calculus & Vectors
- MDM4U Data Management

Other Required Credit (Please note that major course codes with a cross † can count for either one of the Major credits or the one required "Other" credit. Also, course codes with an asterisk * are offered every other year.)

AVI3M/30 Visual Arts

- * BMI3C Marketing: Goods, Services, Events
- * SVN3M Environmental Science
- BAF3M Financial Accounting Fundamentals SBI3C Biology
- + SPH3U Physics
- BTA30 Computers for Business
- † SPH4C Physics
- BAT4M Financial Accounting Principles
- BBB4M International Business
- AVI4M Visual Arts
- BOH4M Business Leadership Management Fundamentals
- SCH4C Chemistry
- * SNC4M Science

Cooperative Education

- (2) Required in the SHSM related field



TRANSPORTATION Specialist High Skills Major

SHSM Major Credits - (4) Required

Grade 1	1
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ТМЈЗС	Manufacturing Technology
TTJ3C	Transportation Technology:
	Motorcycle Focus
TDJ3M	Technological Design
SPH3U	Physics
TGJ3M	Communications Technology

One English Credit - (1) Required

ENG3C	English	ENG4C	English
ENG3U	English	ENG4U	English
NBE3C	English: Contemporary Aboriginal Voices	OLC40	Ontario Literacy Course
NBE3U	English: Contemporary Aboriginal Voices		

Grade 12

TTJ4C

TMJ4C

TDJ4M

SPH4U

TGJ4M

SPH4C

MDM4U

One Mathematics Credit - (1) Required

MBF3C	Foundations for College Mathematics	
MCF3M	Functions & Applications	
MCR3U	Functions	
MEL3E	Mathematics for Everyday Life	

MAP4C	Foundations for College Mathematics
MHF4U	Advanced Functions
MCV4U	Calculus & Vectors

Data Management

Transportation Technology

Manufacturing Technology

Communications Technology

Technological Design

Physics

Physics

Other Required Credit (Please note that major course codes with a cross + can count for either one of the Major credits or the one required "Other" credit. Also, course codes with an asterisk * are offered every other year.)

COUDII	Chamlatas
SCH3U	Chemistry
SPH3U	Physics
SBI3C	Biology
SBI3U	Biology
SVN3M	Environmental Science
BTA3O	Information & Communication Technology: The Digital E
BAF3M	Financial Accounting Fundamentals
BAT4M	Financial Accounting Principles
SCH4U	Chemistry
SCH4C	Chemistry
SPH4C	Physics
SPH4U	Physics
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- BBB4M International Business Fundamentals
- SBI4U Biology

*

SNC4M Science

Cooperative Education

- (2) Required in the SHSM related field





Next Steps:

- Career Cruising will open for course selections on Monday.
- Over the next two weeks you will choose courses during P1 (9), P3 (10), P5 (11) following the schedule sent to teachers.
- ALL students need to complete their course selections by February 17; the system will lock you out automatically at midnight.
- DO NOT PANIC! You will have time to review your courses and change them. Guidance Teachers will be with you as you choose your courses over the next 10 days.