## 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)*
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:

| $\checkmark$ | 12 optional credits ${ }^{\dagger}$ |
| :--- | :--- |

- 40 hours of community involvement
activities
$\checkmark$ 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

1 - a classical or international language

- social sciences and the humanities
- Canadian and world studies
- guidance and career education
- cooperative education ${ }^{+\cdots}$


## Group 2:

- health and physical education

1 - 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.

## How to Read Course Codes

Every course in an Ontario Secondary School has a sixcharacter course code. A code can be broken down as follows:


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.

## Westlane Class of 2025

Class code $\mathrm{zx} 43 \mathrm{kl}{ }^{[5]}$

## (Grade 10) Westlane Class of 2024

Class code 2dlh5it [ []
Grade 9: zx 43 kl 3


Grade 10: 2dlh5it

## (Grade 11) Westlane Class of 2023

Meetlink Generate Meet link a


Grade 11: ceygoz5


# 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

- 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 NOT 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

## 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


## 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 (fif you took PAL2OB you can take PAL30B)
- PPL4OF \& PPL4OM - Healthy Active Living Education - Open
- PAF4OF \& PAF4OM - Healthy Active Living Education - Open
- PSK4UII 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 NOT 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.
4. 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,


## 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 <br> Specialist High Skills Major <br> SHSM Major Credits - (4) Required

Grade 11
TCI3C Construction Technology
TMJ3C Manufacturing Technology
AVI3M Visual Arts
TDJ3M Technological Design
TTJ3C Transportation Technology
SPH3U Physics

One English Credit

| ENG3C | English |
| :--- | :--- |
| ENG3U | English |

NBE3C English: Contemporary Aboriginal Voices NBE3U English: Contemporary Aboriginal Voices

## Grade 12

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

Two Mathematics Credits
MBF3C Foundations of College Mathematics
MCF3M Functions \& Applications
MCR3U Functions
MEL3E Mathematics for Everyday Life

MAP4C Foundations for College Mathematics MHF4U Advanced Functions
MCV4U Calculus \& Vectors
MDM4U Data Management

## 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

| TMJ3C | 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 | English |
| ENG3U | English | ENG4U | English |
| NBE3C | English: Contemporary Aboriginal Voices | OLC4O | Ontario Literacy Course |
| NBE3U | English: Contemporary Aboriginal Voices |  |  |


| Grade 12 |  |
| :--- | :--- |
| TEJ4M | Computer Engineering Technology |
| TDJ4M | Technological Design |
| TMJ4C | Manufacturing Technology |
| SPH4U | Physics |
| TGV4M | TV, Video \& Movie Production |
| TGJ4M | Communications Technology |
| SPH4C | Physics |
|  |  |
| ENG4C | English |
| ENG4U | English |
| Ces | OLC4O |
| Ontario Literacy Course |  |

## One Mathematics Credit

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

MAP4C Foundations for College Mathematics
MHF4U Advanced Functions
MCV4U 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

- BMIBC Marketing: Goods, Services, Events
*SVN3M Environmental Science
BAF3M Financial Accounting Fundamentals
SBI3C Biology
+ SPH3U Physics
BTA3O - Computers for Business
+ SPH4C Physics
BAT4M Financial Accounting Principles
BBB4M International Business
AV14M 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 <br> 

SHSM Major Credits - (4) Required

## Grade $11 \quad$ : Grade 12

TMJ3C Manufacturing Technology
ITJ3C Transportation Technology: Motorcycle Focus
TDJ3M Technological Design
SPH3U Physics
TGJ3M Communications Technology

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.)
SCH3U Chemistry
$\dagger$ SPH3U Physics
SBI3C Biology
SBI3U Biology

* SVN3M Environmental Science

BTA3O Information \& Communication Technology: The Digital Environment
BAF3M Financial Accounting Fundamentals
BAT4M Financial Accounting Principles
SCH4U Chemistry
SCH4C Chemistry
$\dagger$ SPH4C Physics
$\dagger$ SPH4U Physics
BBB4M International Business Fundamentals
SBI4U Biology

* SNC4M Science


## Cooperative Education

- (2) Required in the SHSM related field



## One English Credit - (1) Required

| ENG3C | English |
| :--- | :--- |
| ENG3U | English |

NBE3U English: Contemporary Aboriginal Voices
One Mathematics Credit - (1) Required
MBF3C Foundations for College Mathematics MAP4C Foundations for College Mathematics
MCF3M Functions \& Applications
MCR3U Functions
MEL3E Mathematics for Everyday Life

TTJ4C Transportation Technology
TMJ4C Manufacturing Technology
TDJ4M Technological Design
SPH4U Physics
TGJ4M Communications Technology
SPH4C Physics

Ontario Literacy Course


## 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.

