

ROSEDALE

ACADEMY

Global High School

Course Calendar & Student Handbook

2017-2018

Welcome to Rosedale Academy!

Introduction

This course calendar is designed to provide you, the student, with information on the academic programs offered at Rosedale Academy. The information contained here will assist you in planning your academic program throughout your high school career.

Mission Statement

Rosedale is an Ontario-based independent high school specializing in individualized and differentiated learning opportunities for students like you worldwide. Our academic offerings are rigorous, stimulating and transformative, fostering both intellectual and personal development.

Our vision: Rosedale Academy is an exemplary private school recognized for graduates like you who are prepared for success in higher education and in our interconnected and changing world.

Our mission: We work to invoke your curiosity and inspire you to think critically in developing a deep understanding of the complexities of our world.

Our goal: To support your ability to reliably integrate new knowledge, skills and attitudes and to make meaning of what you have learned.

At Rosedale we get to know you as a person not just as a student. 'Student-centered' is not just a buzzword, but also one of the pillars of our learning philosophy. Our teaching practices promote cultural diversity and embrace individual differences. Our learning model is supportive but also encourages independence and cultivates the idea of life-long learning.

By leveraging digital technologies and global collaborative operations, we are proud to offer you an immersive program that demonstrates the most promising teaching practices in North America. You can earn an Ontario Secondary School Diploma (OSSD) without leaving your home country and apply to top universities around the world as an Ontario high school graduate.

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1 Meet Rosedale Academy

Rosedale Academy is happy to assist students with all inquiries.

For general assistance, contact: 905-604-7533

2 Definitions

2.1 Ontario Education Number (OEN)

The OEN is a student identification number that is assigned by the Ministry of Education to elementary and secondary students across the province. The number, which is unique to every student, will be used as the key identifier on a student's school records. Each registered student in Rosedale Academy will receive an OEN at registration.

2.2 Ontario Student Transcript (OST)

The Ontario Student Transcript (OST) is a provincially standardized document that provides a record of a student's achievement in secondary school.

- The credits that a student has earned towards the graduation diploma will be recorded on the OST.
- Copies of this certified and sealed document are available to students on request and are sent to university admissions offices as required.
- Any course completed, withdrawn from or failed will appear on a student transcript along with the marks earned in each course.

2.3 Ontario Student Record (OSR)

The Ontario Student Record (OSR) is the official school record for an Ontario student. The OSR tracks a student's educational progress through schools in Ontario.

Students and their parents or guardians (if the student is under age 18) may examine the contents of the OSR. It is kept in the Rosedale Toronto office. The OSR is an ongoing record and may be transferred from Rosedale Academy if the student transfers to another Ontario school.

2.4 Ontario Secondary School Diploma (OSSD)

Courses at Rosedale Academy are based on the Secondary School Diploma system designed and managed by the Ontario Ministry of Education. On successful completion of the diploma requirements, students are able to graduate and attend post-secondary programs.

3 Requirements for the Ontario Secondary School Diploma (OSSD)

In order to obtain an Ontario Secondary School Diploma (OSSD), students must meet the following requirements:

- Earn 18 compulsory credits
- Earn 12 optional credits
- Complete 40 hours of community involvement activities
- Successfully complete the Ontario Secondary School Literacy Test (OSSLT) or pass the Ontario Secondary School Literacy Course (OSSLC)

The requirements are described on the following pages in further detail.

3.1 Earn a total of 30 credits

Compulsory Credits (18 credits)

Students must earn the following compulsory credits in order to obtain the Ontario Secondary School Diploma (OSSD):

18 compulsory credits	
Credits	Category
4	English (1 credit per grade)*
3	Mathematics (at least 1 credit in Grade 11 or 12)
2	Science
1	French as a Second Language
1	Canadian History
1	Canadian Geography
1	The Arts
1	Health and Physical Education
0.5	Civics
0.5	Career Studies
Plus ONE credit from each of these three groups:	
1	Group 1: 1 additional credit in English or an international language, or social sciences and the humanities, or Canadian and world studies, or guidance and career education
1	Group 2: 1 additional credit in health and physical education, or the arts, or business studies
1	Group 3: 1 additional credit in science (Grade 11 or 12) or technological education (Grades 9 to 12), or computer studies
*A maximum of 3 credits in English as a Second Language (ESL) may be counted towards the 4 compulsory credits in English. The fourth must be earned from a Grade 12 compulsory English course.	

Optional Credits (12 credits)

Students may earn these credits by successfully completing courses from the Rosedale Academy's course calendar.

Definition of an Ontario Credit

A credit is granted in recognition of the successful completion (completion with a final percentage mark of 50% or higher) of a course for which a minimum of 110 hours has been scheduled. Credits are granted by the principal on behalf of the Ministry of Education for courses that have been developed or authorized by the Ministry.

3.2 Complete 40 hours of Community Involvement Activities

Every student must find, organize and complete a minimum of 40 hours of community involvement activities. The purpose of these activities is to allow students to become directly involved in their communities, develop awareness and civic responsibility, and to practice real-world skills. Students receive some assistance in finding community involvement opportunities from the Rosedale academic administration team and the overseas campus counsellor.

Ineligible activities include:

- Any paid experience
- Any activity that are regular responsibilities (i.e. family chores, babysitting)
- Any activity that benefits for-profit organizations
- Job shadowing
- Playing on a school sports team or taking part in a club
- Activities completed **during** school instructional hours
- Activities that would normally be performed for wages by a person in the workplace

Eligible activities include:

- Activities with a not-for-profit organization such as:
 - Elementary Schools: assist with school events, activities for children
 - Secondary Schools: organization and leadership of school activities that benefit the community
 - Animal Care: volunteering in a zoo or animal shelter
 - Health Agencies: volunteering at hospitals

Students are encouraged to speak to campus counsellors before volunteering to ensure the validity of the activity. All activities must be signed and verified by the organization or organizer of the activity.

3.3 Meet the Provincial Literacy Requirement

Ontario Secondary School Literacy Test

The Ontario Ministry of Education offers a standardized Ontario Secondary School Literacy Test (OSSLT) every year, to determine whether students meet the provincial secondary school literacy requirement for graduation. The test is usually held in the spring, and results are distributed in early summer. Students are able to attempt the test twice.

Ontario Secondary School Literacy Course

Students who have been eligible to write the OSSLT at least twice and who have been unsuccessful at least once are eligible to take the Ontario Secondary School Literacy Course

to meet diploma requirements. Students who successfully complete this course (course code: OLC4O) will meet the provincial literacy requirement for graduation.

3.4 Modifications to Diploma Requirements for Overseas Students taking the OSSD Program

- Students will be granted credit equivalencies through the Prior Learning Assessment and Recognition (PLAR) process for high-school-level studies they have completed in their home country.
- The number of [community involvement hours](#) required to earn the OSSD will be prorated based on the entry grade level of the student. For example, a student entering the program at the beginning of Grade 12 is requested to complete 10 hours of community involvement activities, while a student entering the program at the beginning of Grade 11 needs to complete 20 hours.
- Successful completion of the [Ontario Secondary Literacy Test \(OSSLT\)](#) is a diploma requirement for overseas students. The literacy test will be written in the spring at the overseas campuses each year. English Language Learners are given extra time to complete the test.

4 Courses and Credits

4.1 Course Codes

The course code is a five-digit code that indicates the subject, the grade level and the course type.

- The first three characters indicate the subject area as stated by the Ministry:
e.g. ENG refers to English, SNC refers to Science
- The fourth character indicates the grade level:
1 = Grade 9
2 = Grade 10
3 = Grade 11
4 = Grade 12
- The fifth character indicates the type of course:
D = Academic Preparation
C = College Preparation
U = University Preparation
O = Open
M = University / College Preparation

Example: ENG4U is a Grade 12 University Preparation English course.

The following four types of courses are offered at Rosedale Academy:

Academic (D) courses are found at the Grade 9/10 levels and focus on the essential concepts of the subject, while also exploring related concepts. They develop students' knowledge and skills by emphasizing theoretical and abstract applications of the essential concepts while incorporating practical applications.

University (U) courses are found at the Grade 11/12 levels and equip students with the knowledge and skills needed to meet the entrance requirements for university programs. Theoretical aspects of the course content are covered, as well as concrete applications of theories.

University/College (M) courses are found at the Grade 11/12 levels and include theoretical and application-based content relevant for both university and college programs.

Open (O) courses are found at the Grade 9-12 levels and comprise a set of expectations that are appropriate for all students. These courses are designed to broaden student knowledge and skills in subjects that reflect their interests and prepares students for their role in society.

4.2 Course List and Descriptions

Below is the complete list of courses offered by the Rosedale Academy. See [Section 9: Course Descriptions](#) for more detail. Secondary course curriculum documents are also available at the Ontario Ministry of Education website:

<http://www.edu.gov.on.ca/eng/curriculum/secondary/subjects.html>

Offered courses are subject to change depending on its availability at the campus location.

Prerequisite Courses:

Courses in Grade 10, 11 and 12 have prerequisites for enrolment. Courses cannot be taken without the successful completion of the stated prerequisite. If the principal has valid belief that a student can be successful in a particular course without having taken the specified prerequisite course, the principal may waive the prerequisite.

Subject	Grade	Code	Course	Prerequisites
ESL	Open	ESLCO	ESL Level C	Rosedale English Proficiency Test
ESL	Open	ESLDO	ESL Level D	
ESL	Open	ESLEO	ESL Level E	
Business	10	BBI2O	Introduction to Business	None
English	10	ENG2D	English	ENG1D
Mathematics	10	MPM2D	Principles of Mathematics	MPM1D
Science	10	SNC2D	Science	MPM1D
Business	11	BAF3M	Introduction to Financial Accounting	None
Careers	11	GWL3O	Designing Your Future	None
Computer Studies	11	ICS3U	Introduction to Computer Science	None
English	11	ENG3U	English	ENG2D / ESLEO
Languages	11	LKBCU	Simplified Chinese for Native Speakers	None
Mathematics	11	MCR3U	Functions	MPM2D
Science	11	SCH3U	Chemistry	SNC2D
Science	11	SPH3U	Physics	SNC2D
Science	11	SBI3U	Biology	SNC2D
Business	12	BBB4M	International Business Fundamentals	None
Business	12	BOH4M	Business Leadership	None
Business	12	BAT4M	Financial Accounting Principles	BAF3M
English	12	ENG4U	English	ENG3U
English	12	OLC4O	Ontario Secondary School Literacy Course	Literacy Test
Languages	12	LKBDU	Simplified Chinese for Native Speakers	None
Mathematics	12	MHF4U	Advanced Functions	MCR3U
Mathematics	12	MCV4U	Calculus and Vectors	MHF4U
Mathematics	12	MDM4U	Mathematics of Data Management	MCR3U
Science	12	SCH4U	Chemistry	SCH3U
Science	12	SPH4U	Physics	SPH3U
Science	12	SBI4U	Biology	SBI3U

5 Changes to Academic Programs

5.1 Withdrawal from a Course

In order to withdraw from a course, students and parent/guardians are asked to complete a course withdrawal form.

Grades 9 and 10

Withdrawals from Grade 9 and 10 courses are not recorded on the OST.

Grades 11 and 12

Universities require full disclosure of a student's academic progress. In order to meet this requirement:

- Withdrawals occurring **within 5 days of the issuing of the mid-term report card** will result in the mark not being recorded on the OST and not appearing on the student's university application.
- Withdrawals from a Grade 11 or 12 course **5 days after the issuing of the mid-term report card** will result in the course and mark being recorded on the OST and the student's university application.

5.2 Retaking a Course

Only one credit is earned if a course is repeated however both courses will appear on the student's OST and university application.

In Grade 11 and 12, a "R" appears on the student's OST for the course with the lower mark. Some schools will accept the retaken course mark, others will not. It is important to consult the university's policies on retaking courses before the decision is made.

5.3 Withdrawing from a Program

When a student withdraws from a program, a program withdrawal form must be completed and signed by the student and his or her parent/guardian. The form must then be sent to the Rosedale academic administration team who will confirm acceptance of the form and process the document. Only when the Rosedale academic administration team has contacted the student or parent/guardian to confirm withdrawal from a program is a student considered withdrawn.

5.4 Additional Credit Course

If a student takes more courses than outlined in his or her program package, there will be an additional fee per course.

5.5 Not-for-credit course

If a student chooses to take a course as not-for-credit, the full course fee applies.

6 Evaluation

6.1 Policy

The main purpose of assessment and evaluation is to improve the quality of learning for students, while fostering personal growth and academic development.

The Ontario curriculum documents for grades 9-12 outline the knowledge and skills that students are expected to develop and demonstrate in their class work, on tests, and various other activities through which achievement is assessed and evaluated. These documents are available through the Ministry of Education website at www.edu.gov.on.ca.

6.2 Structure

Student performance is evaluated according to four broad categories of knowledge and skills. These categories are:

- **Knowledge and Understanding:** Knowledge of subject-specific content acquired in each course/grade, and the overall comprehension of its meaning and significance.
- **Thinking:** The use of planning, creative and critical thinking skills and processes.
- **Communication:** The conveying of meaning to a variety of audiences through various forms, such as graphic, oral and written. Includes level of proficiency in grammar, spelling, punctuation and vocabulary.
- **Application:** The use of knowledge and skills to make connections between and within various contexts.

6.3 Reporting

Rosedale Academy has two reporting periods throughout the course: midterm and final.

Midterm report cards are issued when students have completed the first 50% of their course. Final report cards are issued within 10 business days of the teacher receiving a student's final exam. A copy of the report card is emailed to the campus or individual student, and a copy is kept in the student's Ontario Student Record.

The midterm and final report card contains a percentage grade, teacher comment and a learning skill scale for each course.

6.4 Learning Skills

Learning skills are developed throughout the course of the student's high school education. These skills are divided into 6 categories, and evaluated on the report cards using the following scale:

E = Excellent

G = Good

S = Satisfactory

N = Needs Improvement

Students are evaluated based on the following structure:

Responsibility
I complete my classwork and homework
I make up for missed work
I hand in assignments on time
I behave appropriately in class
Organization
I use my agenda to record assignment due dates and other assessment dates
I make and follow plans to complete assignments and study for assessments
I come to class prepared with the necessary supplies
Independent Work
I follow instructions with minimal supervision
I make good use of class time
Collaboration
I respond positively to the ideas, opinions, values and traditions of others
I do my fair share in class and when working in a group
Initiative
I approach new challenges with a positive attitude
I am curious and interested in learning
I look for new ideas and learning opportunities beyond what happens in class
Self-Regulation
I seek clarification or help when needed
I set goals and monitor my progress towards achieving them
I persevere and make an effort when responding to challenges

7 Rosedale Academy Academic Policies

7.1 Standards of Behaviour

By enrolling at Rosedale Academy, students automatically assume the obligation to maintain a certain standard of behaviour as stated in Rosedale Academy's academic policies. Self-discipline and a willingness to accept responsibility for one's actions and conduct are fundamental to the policies.

All members of Rosedale Academy and overseas campuses must:

- Demonstrate honesty and integrity;
- Respect differences in people, their ideas and their opinions;
- Treat one another with dignity and respect at all times, especially when there is disagreement;
- Respect and treat others fairly, regardless of their race, ancestry, place of origin, colour, ethnic origin, creed, sex, age, family status or disability;
- Respect the rights of others;
- Show proper care and regard for school property and the property of others;
- Take appropriate measures to help those in need;
- Seek assistance from a member of the school staff, if necessary, to resolve conflict peacefully;
- Respect the need of others to work in an environment that is conducive to learning and teaching.

7.2 Academic Honesty

Members of Rosedale Academy and overseas campuses are expected to maintain high standards of honesty throughout the many aspects of their life and study at the school.

At Rosedale Academy, cheating, plagiarism and all other forms of academic dishonesty are serious violations that undermine and compromise both the student's education and the integrity of this learning community.

Cheating

Any deceit in academic work is cheating. It includes (but is not necessarily limited to): viewing or using tests or examinations without permission of the teacher; bringing and using notes, electronic or online translators, or other unauthorized aids in an evaluation or examination; giving unauthorized aid to another student, sharing or allowing another student to copy or use one's test, exam, essay or homework; theft of the test or

examination; receiving excessive help with homework, take-home assignments, essays, etc., from a tutor, parent or fellow students.

Plagiarism

Plagiarism, a specific form of cheating, is the theft of someone else's work. The unacknowledged use of another's words, ideas, arguments or research is plagiarism.

Unintentional Plagiarism

Students use ideas from another source and forget or neglect to cite them. This often happens when attempting to paraphrase or copy key ideas from another writer.

Intentional Plagiarism

Students deliberately present another person's work as their own. Examples include:

- Copying and pasting facts and information from another source such as Wikipedia or a website;
- Copying an essay or assignment belonging to another student or one found or purchased on the Internet;
- Having another person write your tests or assignments, or impersonate you to write your final exam.

7.3 Student Responsibilities

All students of Rosedale Academy undertake the responsibility to be honest in their academic work.

Homework and Assignments:

All homework and assignments are to be done independently, never to be completed with or copied from another person, student, or source. All research, ideas, and words gathered from outside sources must be properly acknowledged and cited. While discussing homework and assignments with peers may be tolerated, this discussion must remain at the preliminary stage, to be followed only by individual effort and answers. In presenting their work, students should be able to state truthfully, "This is my own work."

Tests and Examinations:

Students must write all tests and examinations from their own knowledge and ability. The possession and/or use of any notes, texts, or unauthorized aids of any kind during a test or examination will be considered cheating. Any student who knowingly gives unauthorized aid to another student during a test or examination will be considered a party to the offence, and thus guilty of cheating.

Collaboration and Use of Tutors:

Collaboration with another student in any form of academic work is to be avoided at all times, unless specifically permitted by the teacher. Pooling ideas, delegating sections of assignments, incorporating another student's ideas into one's own, and sharing academic work of any kind are examples of unacceptable collaboration, and is considered cheating. Students who receive tutoring are reminded that a tutor is not a substitute for one's own research, thinking, and writing, and any student who receives excessive assistance from a tutor is wrongfully collaborating.

Late and Missed Assignments

If assignments are not submitted on its stated deadlines, the following steps will take place:

- Students will be asked to clarify the reason for not completing the assignment;
- Consideration of legitimate reasons for missed deadlines will be taken; and
- Students will be supported in developing a plan for the successful completion of the assignment within 48 hours of the original submission date.

Failure to submit the assignment within 48 hours of the original stated submission date will result in a mark of zero (0).

Absence

Students are expected to be in attendance of any scheduled classes, including live online sessions. Students who miss a scheduled class must catch up on the lesson by watching the video recording for that specific class. Students who miss more than 6 classes throughout the school year will be subject to disciplinary action, at the discretion of Rosedale's administrative staff.

7.4 Disciplinary Action

All offences against academic honesty result in disciplinary action, in order to protect the academic integrity of Rosedale Academy and our students. Cheating of any sort is a violation of the principles which academic institutions are built on, and will not be tolerated.

The disciplinary action for academic offences are at the discretion of Rosedale Academy's administration, and takes into consideration the severity of the offence, the grade level of the student, and whether or not a previous offence has been committed.

The disciplinary action for academic offenses can consist of, but are not limited to, the following:

- The student will receive a grade of '0' on the evaluated work, and may be required to undertake additional academic work

- The student will be placed on probation, where their compliance with the practices of academic honesty will be carefully monitored. Students who commit a subsequent offence while on probation will be subject to a more severe consequence. It is up to Rosedale Academy's administrative staff to determine when a student can be taken off probation
- The student's parents or guardians will be notified of the breach of academic honesty, along with the disciplinary action taken and the consequences for any further breaches of academic honesty
- The student will be suspended for a time determined by Rosedale Academy, and will be on probation upon return
- After multiple offences, the student is liable to be expelled or denied re-enrolment at Rosedale Academy

7.5 Mutual Respect Policy

Rosedale Academy is committed to providing quality learning in a safe, supportive and disciplined learning environment free of discrimination, harassment or bullying.

Discrimination

Discrimination refers to unfair or prejudicial treatment of individuals or groups on the basis of race, ancestry, place of origin, ethnicity, creed, sex, age, family status or disability. Discrimination, whether intentional or unintentional, has the effect of preventing or limiting access to opportunities, benefits, or advantages that are available to other members of society.

Harassment

Harassment is a form of discrimination and is against the law. It may be physical, verbal, written or visual and may include use of the Internet. Harassment does not necessarily need to target a specific student or individual. A single act or expression can constitute harassment, for example, if it is a serious violation.

Bullying

Bullying is a dynamic of unhealthy interaction that can take many forms. It can be physical (e.g., hitting, pushing, tripping), verbal (e.g., name calling, mocking, or making sexist, racist, or homophobic comments), or social (e.g., excluding others from a group, spreading gossip or rumours). It may also occur through the use of technology (e.g., spreading rumours, images, or hurtful comments through the use of e-mail, cellphones, text messaging, Internet websites, or other technology).

If you are a victim, know someone who is a victim or see behaviour which you feel may be discrimination, harassment or bullying:

- If it is safe to do so, tell the person to stop;

- Write down what happened; include names, how often it has happened, time, date, location, any witness, who else you have told and if you know of anyone else who may have experienced similar conduct; and
- Talk with your campus counsellor to determine the appropriate next step;
- If you are unsure if what you witnessed and/or experienced is considered discrimination, harassment or bullying or if you are not comfortable telling the person to stop, talk with your campus counsellor. All reports are taken very seriously and will be handled in a timely and respectful way for everyone involved.
- For any reason, if you do not wish to go to the campus counsellor, report the incident to an adult you trust, either at home or at school.

8 Technology: Acceptable Use Policy

Rosedale Academy provides information technology resources for use by the Rosedale Academy community to support its educational mission. The use of these resources must be consistent with the goals of the school. As members of the Rosedale community, students are expected to act responsibly and to follow the school's guidelines, policies, and procedures using information technology and electronic networks accessed by such technology.

This acceptable use policy defines the ways in which a user may behave in the Rosedale Academy learning management system. It asks users to be respectful to each other, to not act in ways that are unethical or illegal, and to be aware that all actions are logged and monitored. The following guidelines explain this policy in greater detail and identify the likely consequences for inappropriate use.

Our learning management system is intended for educational purposes.

- Commercial, illegal, inappropriate or obscene activities are prohibited.
- Students who use the learning management system in these ways will have their registration and access withdrawn.
- Disciplinary action may include criminal investigation and legal sanctions.

Your online security requires your active participation.

- Protect your username and password. Do not share it with anyone;
- Report any email that requests personal information from you to the principal. Do not attempt to damage or violate the security provisions of the learning management system;
- Do not log in anonymously or as another user.

9 Course Descriptions

English as a Second Language Courses

English as a Second Language, ESL Level 3, Open (ESLCO)

This course further extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom oral presentations; read a variety of adapted and original texts in English; and write using a variety of text forms. As well, students will expand their academic vocabulary and their study skills to facilitate their transition to the mainstream school program. This course also introduces students to the rights and responsibilities inherent in Canadian citizenship, and to a variety of current Canadian issues.

Prerequisite: ESLBO or Rosedale English Language Placement Test

English as a Second Language, ESL Level 4, Open (ESLDO)

This course prepares students to use English with increasing fluency and accuracy in classroom and social situations and to participate in Canadian society as informed citizens. Students will develop the oral-presentation, reading, and writing skills required for success in all school subjects. They will extend listening and speaking skills through participation in discussions and seminars; study and interpret a variety of grade-level texts; write narratives, articles, and summaries in English; and respond critically to a variety of print and media texts.

Prerequisite: ESLCO or Rosedale English Language Placement Test

English as a Second Language, ESL Level 5, Open (ESLEO)

This course provides students with the skills and strategies they need to make the transition to college and university preparation courses in English and other secondary school disciplines. Students will be encouraged to develop independence in a range of academic tasks. They will participate in debates and lead classroom workshops; read and interpret literary works and academic texts; write essays, narratives, and reports; and apply a range of learning strategies and research skills effectively. Students will further develop their ability to respond critically to print and media texts.

Prerequisite: ESLDO or Rosedale English Language Placement Test

Grade 10 Courses

Introduction to Business, Open (BBI2O)

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

Prerequisite: None

English, Grade 10, Academic (ENG2D)

This course is designed to extend the range of oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the selective use of strategies that contribute to effective communication. This course is intended to prepare students for the compulsory Grade 11 university or college preparation course.

Prerequisite: ENG1D - English, Grade 9, Academic

Principles of Mathematics, Grade 10, University Preparation (MPM2D)

This course enables students to broaden their understanding of relationships and extend their problem-solving and algebraic skills through investigation, the effective use of technology, and abstract reasoning. Students will explore quadratic relations and their applications; solve and apply linear systems; verify properties of geometric figures using analytic geometry; and investigate the trigonometry of right and acute triangles. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: MPM1D - Mathematics, Grade 9, Academic

Science, Grade 10, Academic (SNC2D)

This course enables students to enhance their understanding of concepts in biology, chemistry, earth and space science, and physics, and of the interrelationships between science, technology, society, and the environment. Students are also given opportunities to further develop their scientific investigation skills. Students will plan and conduct investigations and develop their understanding of scientific theories related to the connections between cells and systems in animals and plants; chemical reactions, with a particular focus on acid–base reactions; forces that affect climate and climate change; and the interaction of light and matter.

Prerequisite: SNC1D - Science, Grade 9, Academic

Grade 11 Courses

Introduction to Financial Accounting, University/College Preparation (BAF3M)

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

Prerequisite: None

Simplified Chinese for Native Speakers, Grade 11, University Preparation (LKBCU)

This course offers students opportunities to further develop their knowledge of simplified Chinese and to enhance their communication skills. Students will use increasingly sophisticated language in a variety of

activities that will enable them to speak and write with clarity and accuracy. Students will also enhance their thinking skills through the critical study of literature, and continue to explore aspects of the culture of China where the language is spoken through a variety of print and technological resources.

Prerequisite: None

English, Grade 11, University Preparation (ENG3U)

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course.

Prerequisite: ENG2D - English, Grade 10, Academic / ESLEO

Designing Your Future, Open (GWL3O)

This course prepares students to make successful transitions to postsecondary destinations as they investigate specific postsecondary options based on their skills, interests, and personal characteristics. Students will explore the realities and opportunities of the workplace and examine factors that affect success, while refining their job-search and employability skills. Students will develop their portfolios with a focus on their targeted destination and develop an action plan for future success.

Prerequisite: None

Introduction to Computer Science, University Preparation (ICS3U)

This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.

Prerequisite: None

Functions, University Preparation (MCR3U)

This course introduces the mathematical concept of the function by extending students' experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; investigate inverse functions; and develop facility in determining equivalent algebraic expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

Prerequisite: MPM2D - Principles of Mathematics, Grade 10, Academic

Biology, Grade 11, University Preparation (SBI3U)

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

Prerequisite: SNC2D - Science, Grade 10, Academic; Recommendation: ESLDO

Chemistry, Grade 11, University Preparation (SCH3U)

This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.

Prerequisite: SNC2D - Science, Grade 10, Academic

Physics, Grade 11, University Preparation (SPH3U)

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

Prerequisite: SNC2D - Science, Grade 10, Academic

Grade 12 Courses

International Business Fundamentals, University/College Preparation (BBB4M)

This course provides an overview of the importance of international business and trade in the global economy and explores the factors that influence success in international markets. Students will learn about the techniques and strategies associated with marketing, distribution, and managing international business effectively. This course prepares students for postsecondary programs in business, including international business, marketing, and management.

Prerequisite: None

Business Leadership: Management Fundamentals, University/College Preparation (BOH4M)

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

Prerequisite: None

Financial Accounting Principles, University/College Preparation (BAT4M)

This course introduces students to advanced accounting principles that will prepare them for postsecondary studies in business. Students will learn about financial statements for various forms of business ownership and how those statements are interpreted in making business decisions. This course expands student's knowledge of sources of financing, further develops accounting methods for assets, and introduces accounting for partnerships and corporations.

Prerequisite: BAF3M - Financial Accounting Fundamentals, Grade 11, University/College Preparation

English, Grade 12, University Preparation (ENG4U)

This course emphasizes the consolidation of the literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a range of challenging literary texts from various periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in a variety of forms. An important focus will be on using academic language coherently and confidently, selecting the reading strategies best suited to particular texts and particular purposes for reading, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace.

Prerequisite: ENG3U - English, Grade 11, University Preparation

Simplified Chinese for Native Speakers, Grade 12, University Preparation (LKBDU)

This course offers students opportunities to further develop their knowledge of simplified Chinese and to enhance their communication skills. Students will use increasingly sophisticated language in a variety of activities that will enable them to speak and write with clarity and accuracy. Students will also enhance their thinking skills through the critical study of literature, and continue to explore aspects of the culture of China where the language is spoken through a variety of print and technological resources.

Prerequisite: None

Mathematics of Data Management, University Preparation (MDM4U)

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

Prerequisite: MCR3U - Functions, Grade 11, University Preparation

Advanced Functions, University Preparation (MHF4U)

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; develop techniques for combining functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical processes necessary for

success in senior mathematics. This course is intended both for students taking the Calculus and Vectors course as a prerequisite for a university program and for those wishing to consolidate their understanding of mathematics before proceeding to any one of a variety of university programs.

Prerequisite: MCR3U - Functions, Grade 11, University Preparation

Calculus and Vectors, University Preparation (MCV4U)

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors and representations of lines and planes in three-dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, sinusoidal, exponential, rational, and radical functions; and apply these concepts and skills to the modelling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who choose to pursue careers in fields such as science, engineering, economics, and some areas of business, including those students who will be required to take a university-level calculus, linear algebra, or physics course.

Prerequisite: MHF4U - Advanced Functions, Grade 12, University Preparation

Ontario Secondary School Literacy Course (OLC4O)

This course is designed to help students acquire and demonstrate the cross-curricular literacy skills that are evaluated by the Ontario Secondary School Literacy Test (OSSLT). Students who complete the course successfully will meet the provincial literacy requirement for graduation. Students will read a variety of informational, narrative, and graphic texts and will produce a variety of forms of writing, including summaries, information paragraphs, opinion pieces, and news reports. Students will also maintain and manage a portfolio containing a record of their reading experiences and samples of their writing.

Eligibility Requirement: Students who have been eligible to write the OSSLT at least twice and who have been unsuccessful at least once are eligible to take the course.

Biology, Grade 12, University Preparation (SBI4U)

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

Prerequisite: SBI3U - Biology, Grade 11, University Preparation

Chemistry, Grade 12, University Preparation (SCH4U)

This course enables students to deepen their understanding of chemistry through the study of organic chemistry, the structure and properties of matter, energy changes and rates of reaction, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they investigate chemical processes, and will refine their ability to communicate scientific information. Emphasis will be placed on the importance of chemistry in everyday life and on evaluating the impact of chemical technology on the environment.

Prerequisite: SCH3U - Chemistry, Grade 11, University Preparation

Physics, Grade 12, University Preparation (SPH4U)

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

Prerequisite: SPH3U - Physics, Grade 11, University Preparation