

**SPARK
ASHER
ACADEMY**

Spark Your Future

Course Catalogue

School Profile 2024–2025

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Courses Overview

Grade	Code	Type	Course Title
9	BEM10	Open	Building the Entrepreneurial Mindset
9	CGC1D	Academic	Issues in Canadian Geography
9	CGC1W	De-Streamed	Issues in Canadian Geography
9	ENLIW	De-Streamed	English
9	GLS10	Open	Learning Strategies I
9	MTH1W	De-Streamed	Mathematics
9	SNC1W	De-Streamed	Science
9	TAS10	Open	Technology and Skilled Trades
10	AVI20	Open	Visual Arts
10	BEP20	Open	Launching and Leading a Business
10	CHC2D	Academic	Canadian History Since World War I
10	CHV20	Open	Civics and Citizenship
10	ENG2D	Academic	English
10	GLE20	Open	Learning Strategies I
10	GLC20	Open	Career Studies
10	ICS20	Open	Computer Studies
10	SNC2D	Academic	Science
11	AVI3M	University Preparation	Visual Arts
11	BAF3M	University Preparation	Financial Accounting Fundamentals
11	CIE3M	University Preparation	The Individual and the Economy
11	EMS30	Open	Media Studies
11	ENG3C	Applied	English
11	ENG3U	University Preparation	English
11	GWL30	Open	Designing Your Future
11	HFC3M	University Preparation	Food and Culture
11	HSP3U	University Preparation	Intro to Anthropology, Psychology & Sociology
11	MCR3U	University Preparation	Functions
11	NBE3U	University Preparation	English: Understanding Contemporary First Nations, Métis, and Inuit Voices
11	SBI3U	University Preparation	Biology
11	SCH3U	University Preparation	Chemistry
11	SPH3U	University Preparation	Physics

Not all schools offer every course. Additionally, some courses may require families to provide materials beyond those supplied by K12. For more information, please contact your K12-powered school. If you are not currently a K12 family, please email us at info@sparkasher.com with any questions.

Grade	Code	Type	Course Title
12	AVI4M	University Preparation	Visual Arts
12	BAT4M	University Preparation	Financial Accounting Principle
12	BBB4U	University Preparation	International Business
12	BOH4M	University Preparation	Business Leadership
12	CGW4U	University Preparation	World Issues: A Geographic Analysis
12	CHI4U	University Preparation	History, Identity and Culture
12	CHY4U	University Preparation	World History
12	CIA4U	University Preparation	Analyzing Current Economic Issues
12	CLN4U	University Preparation	Canadian & International Law
12	CPW4U	University Preparation	Canadian and International Politics
12	ENG4U	University Preparation	English
12	ENG4C	Applied	English
12	ETS4U	University Preparation	Studies in Literature
12	EWC4U	University Preparation	English Writer's Craft
12	HFA4U	University Preparation	Nutrition and Health
12	HHS4U	University Preparation	Families in Canada
12	HSB4U	University Preparation	Challenge & Change in Society
12	HZT4U	University Preparation	Philosophy
12	LVV4U	University Preparation	Classical Civilization
12	MCV4U	University Preparation	Calculus and Vectors
12	MDM4U	University Preparation	Mathematics of Data Management
12	MHF4U	University Preparation	Advanced Functions
12	OLC4O	Open	The Ontario Literacy Course
12	SCH4U	University Preparation	Chemistry
12	SES4U	University Preparation	Earth and Space Science
12	SBI4U	University Preparation	Biology
12	SPH4U	University Preparation	Physics
OTHERS	ESLAO	Open	English as a Second Language, Level 1
OTHERS	ESLBO	Open	English as a Second Language, Level 2
OTHERS	ESLCO	Open	English as a Second Language, Level 3
OTHERS	ESLDO	Open	English as a Second Language, Level 4
OTHERS	ESLEO	Open	English as a Second Language, Level 5

Not all schools offer every course. Additionally, some courses may require families to provide materials beyond those supplied by K12. For more information, please contact your K12-powered school. If you are not currently a K12 family, please email us at info@sparkasher.com with any questions.

Module Details

Grade 9

BEM10

BUILDING THE ENTREPRENEURIAL MINDSET

Open

In this course, students will discover the key factors that contribute to entrepreneurial success and the essential skills needed in the modern business world. They will start to cultivate their own entrepreneurial mindset, learning the importance of taking initiative, adapting to change, finding creative solutions, and understanding the financial aspects of entrepreneurship. This practical course will utilize business software and applications to help students plan and develop their entrepreneurial ideas, as well as learn how to effectively present them to a target audience. Throughout the course, students will improve their communication skills and enhance their project management abilities, including goal setting, time management, and networking.

CGCID

ISSUES IN CANADIAN GEOGRAPHY

Academic

This course explores the interrelationships within and between Canada's natural and human systems, and their connections to systems in other parts of the world. Students will examine environmental, economic, and social geographic issues related to transportation options, energy choices, and urban development. They will apply geographic thinking concepts and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and develop potential approaches to making Canada a more sustainable place to live.

CGCIW

ISSUES IN CANADIAN GEOGRAPHY

De-Streamed

This course focuses on enhancing the literacy, communication, and critical and creative thinking skills essential for academic and everyday success. Students will analyze a diverse array of challenging literary texts from different periods, countries, and cultures; interpret and evaluate informational and graphic texts; and create oral, written, and media texts in various formats. A key emphasis will be on using academic language coherently and confidently, choosing the most effective reading strategies for specific texts and purposes, and gaining greater control in writing. The course aims to prepare students for university, college, or the workplace.

ENLIW

ENGLISH

De-Streamed

This course allows students to further develop and solidify the foundational knowledge and skills needed for reading, writing, and oral and visual communication. Students will enhance their media and critical literacy skills and develop transferable skills, including digital literacy. They will also connect their learning to personal experiences and society, deepening their understanding of the importance of language and literacy across the curriculum.

GLS10

LEARNING STRATEGIES 1

Open

This course emphasizes learning strategies that help students become better, more independent learners. Students will develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to enhance their learning and achievement in school, the workplace, and the community. The course aims to build students' confidence and motivation to pursue opportunities for success in secondary school and beyond.

MTHIW

MATHEMATICS

De-Streamed

This course enables students to consolidate and further develop their understanding of mathematical concepts related to number sense and operations, algebra, measurement, geometry, data, probability, and financial literacy. Students will use mathematical processes, modeling, and coding to understand the mathematics they are learning and apply their knowledge to culturally responsive and relevant real-world situations. They will continue to enhance their mathematical reasoning skills, including proportional, spatial, and algebraic reasoning, as they solve problems and communicate their thinking.

SNCIW

SCIENCE

De-Streamed

This course enables students to deepen their understanding of concepts in biology, chemistry, physics, and earth and space science, while connecting science to technology, society, and the environment. Throughout the course, students will enhance their STEM skills through scientific research, experimentation, and engineering design processes to explore concepts and apply their knowledge to real-life and community-related situations. They will also develop transferable skills, becoming scientifically literate global citizens.

TAS10

TECHNOLOGY AND SKILLED TRADES

Open

This hands-on course allows students to further explore the engineering design process and build on technological knowledge and skills introduced in earlier grades. Students will design and safely create prototypes, products, and services using tools and technologies from various industries. As they develop projects to address real-life problems, they will apply technological concepts such as precision measurement and adhere to health and safety standards. Additionally, students will begin to explore job skills programs and education and training pathways, including skilled trades, that can lead to various careers.

Module Details

Grade 10

AVI20

VISUAL ARTS

Open

This course emphasizes learning through practice, building on students' existing knowledge while introducing new ideas, materials, and processes for artistic thinking and experimentation. Students will refine their application of design elements and principles, incorporating creative and design processes, and exploring the relationship between form and content. Additionally, they will learn about the connections between works of art and their historical contexts.

BEP20

LAUNCHING AND LEADING A BUSINESS

Open

This course introduces students to the world of business and the essentials for success, ethics, and responsibility in today's economy. Students will acquire the knowledge and skills needed to become entrepreneurs capable of responding to local and global market opportunities. Throughout the course, students will explore and understand the responsibilities of managing various business functions, including accounting, marketing, information and communication technology, financial management, human resources, and production.

CHC2D

CANADIAN HISTORY SINCE WORLD WAR I

Academic

This course examines the local, national, and global forces that have shaped Canada's national identity from World War I to the present. Students will explore the challenges posed by economic, social, and technological changes and investigate the contributions of individuals and groups to Canadian culture and society during this time. They will use critical thinking and communication skills to evaluate different interpretations of the issues and events of the period and to present their own perspectives.

CHV2O

CIVICS AND CITIZENSHIP

Open

This course explores the meaning of being an informed, participating citizen in a democratic society. Students will learn about the elements of democracy in local, national, and global contexts, political reactions to social change, and decision-making processes in Canada. They will examine their own and others' ideas about civic questions and learn to think critically about public issues and respond responsibly to them.

ENG2D

ENGLISH

Academic

This course is designed to enhance the oral communication, reading, writing, and media literacy skills necessary for success in secondary school academic programs and daily life.



Students will analyze literary texts from both contemporary and historical periods, interpret and evaluate informational and graphic texts, and create oral, written, and media texts in various forms. A key focus will be on the selective use of strategies that contribute to effective communication. This course aims to prepare students for the compulsory Grade 11 university or college preparation course.

GLE2O

LEARNING STRATEGIES I

Open

This course focuses on strategies to help students become better, more independent learners. Students will develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course aims to build students' confidence and motivation to pursue opportunities for success in secondary school and beyond.

GLC2O

CAREER STUDIES

Open

This course teaches you how to develop and achieve personal goals in education and work while contributing to your community. You will assess your own knowledge, skills, and characteristics, and investigate economic trends, workplace organization, work opportunities, and job search strategies. The course explores post-secondary learning options, prepares you for community-based learning, and helps you build the capabilities needed to manage work and life transitions. You will also design action plans for pursuing your goals.

ICS2O

COMPUTER STUDIES

Open

This course introduces students to computer programming. Students will plan and write simple computer programs by applying fundamental programming concepts and learn to create clear and maintainable internal documentation. They will also learn to manage computers by studying hardware configurations, software selection, operating system functions, networking, and safe computing practices. Additionally, students will investigate the social impact of computer technologies and develop an understanding of environmental and ethical issues related to computer use.

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SNC2D **SCIENCE** Academic

This course explores the meaning of being an informed, participating citizen in a democratic society. Students will learn about the elements of democracy in local, national, and global contexts, political reactions to social change, and decision-making processes in Canada. They will examine their own and others' ideas about civic questions and learn to think critically about public issues and respond responsibly to them.

CHV2O **MEDIA STUDIES** Open

This course emphasizes the knowledge and skills needed to understand media communication in the twenty-first century and to use media effectively and responsibly. By analyzing various media forms and messages, as well as audience responses, and by creating their own media works, students will develop critical thinking skills, aesthetic and ethical judgment, and abilities in viewing, representing, listening, speaking, reading, and writing.

Prerequisites: ENG2D, Grade 10 English or ENG2P

Grade 11

AVI3M **VISUAL ARTS** University Preparation

This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities and will consolidate their practical skills. Additionally, students will analyze artworks and study aspects of Western Art History, as well as art forms from Canada and other parts of the world.

Prerequisites: Visual Arts, Grade 9 or 10, Open

BAF3M **FINANCIAL ACCOUNTING FUNDAMENTALS** University Preparation

This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills to support their future studies and career opportunities in business. They will gain an understanding of accounting for service and merchandising businesses, computerized accounting, financial analysis, and current issues and ethics in accounting.

Prerequisites: None

CIE3M **THE INDIVIDUAL AND THE ECONOMY** University Preparation

This course explores issues and challenges facing the Canadian economy and examines the implications of various responses to them. You will study the economic roles of firms, workers, and government, as well as your role as individual consumers and contributors, and how these roles contribute to stability and change in the Canadian economy. Applying concepts of economic thinking and the economic inquiry process, including economic models, you will investigate the impact of economic issues and decisions at the individual, regional, and national levels.

Prerequisites: CHC2D or CHC2P

ENG3C **ENGLISH** Applied

This course allows students to develop their critical and creative skills, as well as their overall literacy and communication skills, which are essential for success in academics and daily life. Students will study the content, form, and style of various informational, graphic, and literary texts from Canada and abroad. They will also practice using language with precision and clarity by creating oral, written, and media texts in a variety of practical and academic forms.

Prerequisites: ENG2D or ENG2P

ENG3U **ENGLISH** University Preparation

This course allows students to develop their critical and creative skills, as well as their overall literacy and communication skills, all of which are essential for success in academics and daily life. Throughout this course, students will study the content, form, and style of various informational, graphic, and literary texts from Canada and abroad. They will also have the opportunity to practice using language with precision and clarity by creating oral, written, and media texts in a variety of practical and academic forms.

Prerequisites: ENG2D, GRADE10 ENGLISH



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GWL30

DESIGNING YOUR FUTURE

Open

This course is specifically designed to help students prepare for their transition into the workforce. Throughout the course, students will have multiple opportunities to identify and improve their existing skill sets. They will learn how to leverage these skills into job prospects in the real world. The course concludes with the creation of a resume, cover letter, and practical portfolio, which students can use to advance further along the path to their dream job.

Prerequisites: None

HFC3M

FOOD AND CULTURE

University Preparation

This course focuses on the foods, flavors, cooking techniques, and cultural traditions of global cuisines. Students will develop practical cooking and food-related etiquette skills as they explore the origins and development of diverse food traditions, examining how Canadian food choices and traditions have been influenced by other cultures.

Prerequisites: None

HSP3U

INTRO TO ANTHROPOLOGY, PSYCHOLOGY & SOCIOLOGY

University Preparation

This course provides students with opportunities to think critically about theories, questions, and issues related to social sciences. Students will develop an understanding of the approaches and research methods used by social scientists. They will explore theories from various perspectives, conduct social science research, and become familiar with current thinking on a range of issues within the three disciplines.

Prerequisites: ENG2D, Grade 10 English or CHC2D, Grade 10 Canadian History Since World War I

MCR3U

FUNCTIONS

University Preparation

This course emphasizes the knowledge and skills needed to understand media communication in the twenty-first century and to use media effectively and responsibly. By analyzing various media forms and messages, as well as audience responses, and by creating their own media works, students will develop critical thinking skills, aesthetic and ethical judgment, and abilities in viewing, representing, listening, speaking, reading, and writing.

Prerequisites: MPM2D, Grade 10 Principles of Mathematics

NBE3U

ENGLISH: UNDERSTANDING CONTEMPORARY FIRST NATIONS, MÉTIS, AND INUIT VOICES

University Preparation

This course emphasizes the development of literacy, critical thinking, and communication skills through the study of works in English by Aboriginal writers. By analyzing literary texts and media works, you will gain an appreciation for the richness and complexity of Aboriginal writing. You will also conduct research, analyze the gathered information, write persuasive and literary essays, and examine the relationship between media forms and audiences. A key focus will be the further development of your understanding of English-language usage and conventions.

Prerequisites: ENG2D

SBI3U

BIOLOGY

University Preparation

This course deepens students' understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in biodiversity, evolution, genetic processes, the structure and function of animals, and the anatomy, growth, and function of plants. The course emphasizes the theoretical aspects of these topics and helps students refine their scientific investigation skills. Additionally, students will have the opportunity to experience specimen dissection.

Prerequisites: Science, Grade 10

SCH3U

CHEMISTRY

University Preparation

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 behavior of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of common chemical reactions on society and the environment.

Prerequisites: Science, Grade 10

SPH3U

PHYSICS

University Preparation

This course allows students to deepen their understanding of chemistry by studying the properties of chemicals and chemical bonds, chemical reactions and their quantitative relationships, solutions and solubility, and atmospheric chemistry and the behavior

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of gases. Students will enhance their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of common chemical reactions on society and the environment.

Prerequisites: Science, Grade 10

Grade 12

AVI4M VISUAL ARTS

University Preparation

This course provides students with opportunities to further develop their skills and knowledge in visual arts. Students will explore a range of subject matter through studio activities and will consolidate their practical skills. Additionally, students will analyze artworks and study aspects of Western Art History, as well as art forms from Canada and other parts of the world.

Prerequisites: Visual Arts, Grade 11

BAT4M FINANCIAL ACCOUNTING PRINCIPLE

University Preparation

This course introduces students to advanced accounting principles to prepare them for postsecondary studies in business. Students will learn about financial statements for various forms of business ownership and how to interpret these statements for business decision-making. The course expands students' knowledge of financing sources, further develops accounting methods for assets, and introduces accounting for partnerships and corporations.

Prerequisites: Financial Accounting Fundamentals, Grade 11

BBB4M INTERNATIONAL BUSINESS

University Preparation

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 techniques and strategies for marketing, distribution, and managing international business effectively. This course prepares students for postsecondary programs in business, including international business, marketing, and management.

Prerequisites: None

BOH4M BUSINESS LEADERSHIP

University Preparation

This course focuses on developing leadership skills essential for managing a successful business. Students will analyze the role of a leader with a focus on decision-making, managing group dynamics, handling workplace stress and conflict, motivating employees, and planning. Effective business communication skills, ethics, and social responsibility will be emphasized throughout the course.

Prerequisites: None

CGW4U WORLD ISSUES: A GEOGRAPHIC ANALYSIS

University Preparation

This course examines the global challenges of creating a sustainable and equitable future by focusing on current issues that illustrate these challenges. Students will investigate a range of topics, including cultural, economic, and geopolitical relationships, regional disparities in meeting basic human needs, and the protection of the natural environment. They will use geotechnologies and skills in geographic inquiry and analysis to develop and communicate balanced opinions about the complex issues facing Canada and an interdependent, constantly changing world.

Prerequisites: Any Grade 11 or 12 university U or university/college preparation course in Social Sciences and Humanities, English, or Canadian and World Studies

CHI4U HISTORY, IDENTITY AND CULTURE

University Preparation

This course traces the history of Canada, focusing on the evolution of our national identity and culture, as well as the identities and cultures of various groups that make up Canada. Students will explore various national and international developments and events from precontact to the present, examining how different communities have contributed to Canada's identity and heritage. They will investigate the development and changes in culture and national identity throughout Canadian history. Additionally, students will enhance their ability to apply concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, as they investigate the people, events, and forces that have shaped Canada.

Prerequisites: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities

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CHY4U

WORLD HISTORY

University Preparation

This course traces major developments and events in world history since approximately 1450. Students will explore social, economic, and political changes, the historical roots of contemporary issues, and the roles of conflict and cooperation in global interrelationships. They will enhance their ability to apply concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, as they investigate key issues and ideas and assess societal progress or decline in world history.

Prerequisites: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

CIA4U

ANALYZING CURRENT ECONOMIC ISSUES

University Preparation

This course investigates the nature of the competitive global economy and explores how individuals and societies can obtain the information needed to make appropriate economic decisions. Students will learn the principles of microeconomics and macroeconomics, apply economic models and concepts to interpret economic information, assess the validity of statistics, and investigate marketplace dynamics. Using economic inquiry and communication skills, students will analyze current economic issues, make informed judgments, and present their findings.

Prerequisites: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

CLN4U

CANADIAN & INTERNATIONAL LAW

University Preparation

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 techniques and strategies for marketing, distribution, and managing international business effectively. This course prepares students for postsecondary programs in business, including international business, marketing, and management.

Prerequisites: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

CPW4U

CANADIAN AND INTERNATIONAL POLITICS

University Preparation

This course focuses on developing leadership skills essential for managing a successful business. Students will analyze the role of a leader with a focus on decision-making, managing group dynamics, handling workplace stress and conflict, motivating employees, and planning. Effective business communication skills, ethics, and social responsibility will be emphasized throughout the course.

Prerequisites: Any Grade 11 or 12 university U or university/college M preparation course in Social Sciences and Humanities, English, or Canadian and World Studies.

CGW4U

WORLD ISSUES: A GEOGRAPHIC ANALYSIS

University Preparation

In this course, students will explore a range of issues involving environmental, economic, social, and geopolitical interrelationships, and examine governmental policies related to these issues. In CGW4U online, students will apply concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate these complex issues and their impact on natural and human communities worldwide.

Prerequisites: Any university or university/college preparation course in Canadian and world studies, English, or social sciences and humanities

ENG4C

ENGLISH

Applied

This course emphasizes consolidating literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze various informational and graphic texts, as well as literary texts from different countries and cultures, and create oral, written, and media texts in various forms for practical and academic purposes. A key focus will be on using language with precision and clarity and developing greater control in writing. The course is intended to prepare students for college or the workplace.

Prerequisites: English, Grade 11, College Preparation or University Preparation or Gifted, including NBE3C1/NBE3U1, Understanding Contemporary First Nations, Métis and Inuit Voices

ENG4U

ENGLISH

University Preparation

This course emphasizes consolidating the literacy, communication, and critical and creative thinking skills

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necessary for success in academic and daily life. Students will analyze 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 various forms. An important focus will be using academic language coherently and confidently, selecting the best reading strategies for specific texts and purposes, and developing greater control in writing. The course is intended to prepare students for university, college, or the workplace.

Prerequisites: English, Grade 11, University Preparation or Gifted, including NBE3U1, Understanding Contemporary First Nations, Métis and Inuit Voices

ETS4U STUDIES IN LITERATURE

University Preparation

This course is designed for students with a special interest in literature and literary criticism. The course may focus on themes, genres, time periods, or countries. Students will analyze a range of forms and stylistic elements of literary texts, responding to them personally, critically, and creatively. They will also assess critical interpretations and write analytical essays.

Prerequisites: ENG3U

EWC4U ENGLISH WRITER'S CRAFT

University Preparation

This course emphasizes knowledge and skills related to the craft of writing. Students will investigate models of effective writing, use a workshop approach to create various works, and make thoughtful decisions to improve their writing quality. They will also complete a creative or analytical independent study project and explore opportunities for publication and writing careers.

Prerequisites: English, Grade 11, University Preparation or Gifted, including NBE3U1, Understanding Contemporary First Nations, Métis and Inuit Voices

HFA4U NUTRITION AND HEALTH

University Preparation

This course examines the relationships between food, energy balance, and nutritional status; the nutritional needs of individuals at different life stages; and the role of nutrition in health and disease. Students will evaluate nutrition-related trends and determine how food choices can promote food security and environmental responsibility. They will learn about healthy eating, expand their repertoire of food-preparation techniques, and develop social science research skills by investigating issues related to nutrition and health.

Prerequisites: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and World Studies

HHS4U FAMILIES IN CANADA

University Preparation

This course enables students to draw on sociological, psychological, and anthropological theories and research to analyze the development of individuals, intimate relationships, and family and parent-child relationships. Students will focus on the issues and challenges facing individuals and families in Canada's diverse society. They will develop analytical tools to assess various factors affecting families and consider policies and practices designed to support families in Canada. Additionally, students will develop the investigative skills required to conduct and communicate research on individuals, intimate relationships, and parent-child relationships.

Prerequisites: Any university or university/college preparation course in social sciences and humanities, English, or Canadian and World Studies

HSB4U CHALLENGE & CHANGE IN SOCIETY

University Preparation

This course focuses on using social science theories, perspectives, and methodologies to investigate and explain shifts in knowledge, attitudes, beliefs, and behavior and their impact on society. Students will critically analyze how and why cultural, social, and behavioral patterns change over time. They will explore the ideas of social theorists and use these concepts to analyze the causes of and responses to challenges such as technological change, deviance, and global inequalities. Additionally, students will explore how social science research methods can be used to study social change.

Prerequisites: Any university or university/college preparation course in Canadian and World Studies, English, or Social Sciences and Humanities

HZT4U PHILOSOPHY

University Preparation

This course will enable you to acquire an understanding of the nature of philosophy and develop philosophical reasoning skills. You will apply this knowledge and these skills while exploring specialized branches of philosophy, including metaphysics, ethics, epistemology, philosophy of science, aesthetics, and socio-political philosophy. You will develop critical thinking and philosophical reasoning skills as you formulate and evaluate arguments related to various philosophical questions and theories. Additionally, you will develop research and inquiry skills pertinent to the study and practice of philosophy.

Prerequisites: Any Grade 11 or 12 university U or university/college M preparation course in Social Sciences and Humanities, English, or Canadian and World Studies

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LVV4U

CLASSICAL CIVILIZATION

University Preparation

This course allows students to explore the beliefs and achievements of the classical world, which have shaped Western thought and civilization. Students will investigate various aspects of classical culture, including mythology, art, literature, and philosophy, as well as elements of ancient Greek and Latin, through activities such as dramatizations, audio-visual presentations, and discussions. By reading classical authors in English and examining archaeological evidence, students will enhance their communication skills and their ability to think critically and creatively.

Prerequisites: English, Grade 10, Academic or Applied

MCV4U

CALCULUS AND VECTORS

University Preparation

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. They will broaden their understanding of rates of change to include the derivatives of polynomial, rational, exponential, and sinusoidal functions, applying these concepts to model real-world relationships. Additionally, students will refine their use of the mathematical processes essential for success in senior mathematics. This course is intended for students planning to study mathematics at university and pursue careers in fields such as physics and engineering.

Prerequisites: Advanced Functions MHF4U, Grade 12, University Preparation or Gifted must be taken prior to Calculus and Vectors MCV4U

MDM4U

MATHEMATICS OF DATA MANAGEMENT

University Preparation

This course broadens students' understanding of mathematics as it relates to managing data. Students will apply methods for organizing large amounts of information, solve problems involving probability and statistics, and carry out a culminating project that integrates statistical concepts and skills. Additionally, students will refine their use of the mathematical processes essential for success in senior mathematics. This course will be particularly beneficial for students planning to enter university programs in business, the social sciences, or the humanities.

Prerequisites: Functions, Grade 11, University Preparation or Gifted, or Functions and Applications, Grade 11, University/College Preparation Recommended: minimum final mark of 70%

MHF4U

ADVANCED FUNCTIONS

University Preparation

rational, logarithmic, and trigonometric functions, broaden their understanding of rates of change, and develop proficiency in applying these concepts and skills. Additionally, students will refine their use of the mathematical processes essential for success in senior mathematics. This course is designed for students planning to study mathematics at university and for those wishing to consolidate their understanding of mathematics before pursuing various university programs.

Prerequisites: Functions, Grade 11, University Preparation or Gifted, or Mathematics for College Technology, Grade 12

OLC40

THE ONTARIO LITERACY COURSE

Open

This course is designed to help you acquire and demonstrate the cross-curricular literacy skills evaluated by the Ontario Secondary School Literacy Test OSSLT. Successfully completing the course will fulfill the provincial literacy requirement for graduation. You will read a variety of informational, narrative, and graphic texts and produce different forms of writing, including summaries, information paragraphs, opinion pieces, and news reports.

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

SCH4U

CHEMISTRY

University Preparation

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 reaction rates, equilibrium in chemical systems, and electrochemistry. Students will further develop their problem-solving and investigation skills as they explore chemical processes and 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.

Prerequisites: Chemistry, Grade 11

SES4U

EARTH AND SPACE SCIENCE

University Preparation

This course develops your understanding of Earth and its place in the universe. You will investigate the properties

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and forces within the universe and solar system and analyze techniques scientists use to generate knowledge about them. You will closely examine Earth's materials, internal and surface processes, and geological history, learning how Earth's systems interact and change over time. Throughout the course, you will explore how these forces, processes, and materials impact daily life. The course integrates biology, chemistry, physics, and mathematics to study geological and astronomical processes that can be observed directly or inferred from evidence.

Prerequisites: SNC2D

SBI4U BIOLOGY

University Preparation

This course offers students an in-depth study of the concepts and processes in biological systems. Students will study theory and conduct investigations in biochemistry, metabolic processes, molecular genetics, homeostasis, and population dynamics. Emphasis will be placed on acquiring detailed knowledge and refining skills necessary for further study in various branches of life sciences and related fields. Students may have an opportunity to experience specimen dissection. Those interested in taking the Advanced Placement Exam should enroll in the Advanced Placement Grade 12 Biology course SBI 4UP. Please note that students selecting AP need to have completed SCH 3U, as this curriculum is required to understand the AP content of SBI 4UP.

Prerequisites: Biology, Grade 11 University Preparation.
Recommended: Chemistry, University Preparation

SPH4U PHYSICS

University Preparation

This course enables students to deepen their understanding of physics concepts and theories. Students will continue exploring energy transformations and the forces that affect motion, investigating electrical, gravitational, and magnetic fields, as well as electromagnetic radiation. They will also study the wave nature of light, quantum mechanics, and special relativity. Throughout the course, students will further develop their scientific investigation skills, learning to analyze data qualitatively and quantitatively in relation to various physics concepts and principles. Additionally, students will consider the impact of technological applications of physics on society and the environment.

Prerequisites: Physics, Grade 11

Others

ESLAO ENGLISH AS A SECOND LANGUAGE, LEVEL 1

Open

This course will enable you to acquire an understanding of the nature of philosophy and develop philosophical reasoning skills. You will apply this knowledge and these skills while exploring specialized branches of philosophy, including metaphysics, ethics, epistemology, philosophy of science, aesthetics, and socio-political philosophy. You will develop critical thinking and philosophical reasoning skills as you formulate and evaluate arguments related to various philosophical questions and theories. Additionally, you will develop research and inquiry skills pertinent to the study and practice of philosophy.

Prerequisite: None

ESLBO ENGLISH AS A SECOND LANGUAGE, LEVEL 2

Open

Level 2 English as a Second Language ESLBO extends students' listening, speaking, reading, and writing skills in English for both everyday and academic purposes. Students will participate in conversations in structured situations on various familiar and new topics, read a variety of texts designed or adapted for English language learners, and expand their knowledge of English grammatical structures and sentence patterns. They will also learn to link English sentences to compose paragraphs. Additionally, the course supports students' continuing adaptation to the Ontario school system by broadening their understanding of diversity in their new province and country.

Prerequisite: ESLAO, Level 1 English as a Second Language

ESLCO ENGLISH AS A SECOND LANGUAGE, LEVEL 3

Open

Level 3 English as a Second Language ESLCO further develops students' listening, speaking, reading, and writing skills in English for both everyday and academic purposes. Students will participate in conversations in structured situations on a range of familiar and new topics, read a variety of texts designed or adapted for English language learners, and expand their understanding of English grammatical structures and sentence patterns. They will also learn to link English sentences to compose paragraphs. Additionally, the course supports students' ongoing adaptation to the Ontario school system by broadening their knowledge of diversity in their new province and country.

Prerequisite: ESLBO, Level 2 English as a Second Language



Module Details

ESLDO

ENGLISH AS A SECOND LANGUAGE, LEVEL 4

Open

Level 4 English as a Second Language ESLDO prepares students to use English with increasing fluency and accuracy in both academic and social settings and to participate in Canadian society as informed citizens.

Throughout this course, students will develop the oral presentation, reading, and writing skills required for success in all areas of school and life.

Prerequisite: ESLCO, Level 3 English as a Second Language

ESLEO

ENGLISH AS A SECOND LANGUAGE, LEVEL 5

Open

Level 5 English as a Second Language ESLEO equips students with the skills and strategies needed to transition to college and university preparation courses in English. Throughout this course, students will develop independence in a range of academic tasks, including critically responding to print and media texts. They will be expected to read and interpret literary works and academic texts, write essays, narratives, and reports, and apply a variety of learning strategies and research skills effectively.

Prerequisite: ESLDO, Level 4 English as a Second Language

ENROLMENT PROCESS

At Spark Asher Academy, we offer an admissions process designed to accommodate both full-time and part-time students. Our full-time programs include comprehensive full-year and term-by-term study options, accessible through our virtual campus and online platform. For part-time students, we provide various options such as virtual summer school, night school, and private courses.

We also extend a warm welcome to international students, though please be aware that their admissions process may differ slightly due to study visa requirements.

Step 1

CONTACT ADMISSIONS

It's easy to get started! Contact us today to build your own learning plan and get your enrolment process started!

Step 2

PREPARE APPLICATION

We will book a consultation with you and your parent/guardian(s). Additionally, you will be asked to submit documentation such as transcripts, report cards, and etc.

Step 3

SUBMIT APPLICATION

Fill out the required admissions application and pay any required fees.

Step 4

OFFER OF ENROLMENT

Once our team reviews your application, successful applicants will be offered enrolment.

Spark Asher Academy prides itself on its inclusive admission approach, embracing students from various backgrounds.

Flexible & Personalized Learning

As Ontario's online high school, we are dedicated to helping you achieve your educational, career, and life goals. Our curriculum, rooted in the rich tradition of Canadian education, is renowned for its quality and inclusivity, offering hours of accessible educational content right at your fingertips.

We bring Canada's esteemed educational heritage to learners worldwide, ensuring that every student receives a world-class education, no matter where they are located.

Benefits and Features

- 30+ Courses
- 100% Virtual Learning
- Flexible Learning Schedules
- Accredited Canadian Diploma (OSSD)
- Customizable Curriculum
- Individualized Support
- Interactive Learning Resources
- Global Community

For more information and to register for our courses, visit our [Contact Page](#). You can also reach out to us directly at info@sparkasher.com.



SPARK ASHER ACADEMY

Spark Your Future

The Spark Asher Academy Course Catalogue serves as a quick reference for anyone considering registration at Spark Asher Academy Online. This resource provides detailed information about the programs and guidance related to specific course options for students.

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