



Inukshuk Academy

**Education Built on Inukshuk Values of Strength, Guidance, and Community
Commitment to Academic Excellence and Student Success**

Ontario Curriculum Course Offerings (Grades 9–12)

Inukshuk Academy currently offers a comprehensive range of courses aligned with the Ontario Secondary School Curriculum [1, 2], designed to meet graduation requirements and prepare students for post-secondary studies in Canada and abroad. All courses are taught by Ontario Certified Teachers (OCT) and are available to students in Grades 9 through 12. Instruction is delivered through a combination of *on-site* and *online learning*, incorporating both *synchronous (live)* and *asynchronous (independent)* components to accommodate diverse learning styles and schedules. This flexible approach allows students to engage meaningfully with course content while benefiting from individualized teacher support, interactive discussions, and real-time feedback.

Some courses at Inukshuk Academy, such as Physics, Chemistry, and Biology, provide students with hands-on and virtual lab experiences under teacher supervision. These activities help students apply theoretical concepts in practical contexts while developing scientific reasoning, problem-solving skills, and confidence with laboratory tools. Through structured experiments, simulations, and inquiry-based projects, students gain exposure to STEM-related careers and are better equipped to make informed decisions about future educational and professional pathways.

Assessment and evaluation for all courses are conducted as follows:

- **Term Work (70%)** – Based on assignments, tests, quizzes, presentations, and other course work completed throughout the term
- **Final Evaluation (30%)** – Based on a culminating task and/or final examination administered at the end of the course

Learning Skills and Work Habits are assessed and reported separately from academic achievement, in accordance with Ministry policy. These include:

- Responsibility
- Organization
- Independent Work
- Collaboration
- Initiative
- Self-Regulation



The following courses include detailed descriptions outlining learning expectations, areas of study, and prerequisite requirements, and are delivered in accordance with curriculum policy documents issued by the Ontario Ministry of Education [1].

1. Grade 9 Courses

In accordance with current Ministry policy, Grade 9 courses are offered in a **de-streamed format (W)**, replacing the former Academic (D) and Applied (P) streams.

- **English (ENL1W)** – De-streamed
- **Mathematics (MTH1W)** – De-streamed
- **Science (SNC1W)** – De-streamed
- **Geography of Canada (CGC1W)** – De-streamed

Additional Courses:

- **Core French (FSF1D)** – *See note below*
- **Healthy Active Living Education (PPL1O)** – Open
- **Visual Arts (AVI1O)** – Open
- **Information and Communication Technology in Business (BTT1O)** – Open

Important Note on French (FSL)

- **FSF1D** is part of the **previous Academic stream structure**
- Where this course is offered, it is considered a **legacy course code**
- Inukshuk Academy ensures that delivery aligns with **current Ministry expectations**, and references to French may also be described generally as **Grade 9 French as a Second Language (FSL)**

Policy Statement: All Grade 9 courses are delivered in accordance with *Ontario Schools, Kindergarten to Grade 12 (OS K–12)* and reflect the Ministry's **de-streaming initiative**, ensuring equitable access to learning and flexible student pathways.

Course Description, Assessment and Evaluation Statement

The following courses include detailed descriptions outlining **learning expectations, areas of study, and prerequisite requirements**, and are delivered in accordance with curriculum policy documents issued by the Ontario Ministry of Education.

✚ The following courses are currently offered at Inukshuk Academy for Grade 9 students.

1. English (ENL1W)

- **Course Code:** ENL1W (Compulsory)
- **Course Type:** Academic
- **Credit Value:** 1.0



- **Prerequisite:** None

Course Description:

This course enables students to continue to develop and consolidate the foundational knowledge and skills that they need for reading, writing, and oral and visual communication. Throughout the course, students will continue to enhance their media literacy and critical literacy skills, and to develop and apply transferable skills, including digital literacy. Students will also make connections to their lived experiences and to society and increase their understanding of the importance of language and literacy across the curriculum.

Overall Expectations: By the end of this course, students will be able to:

- Analyze and interpret a variety of texts
- Communicate effectively in oral and written forms
- Write in multiple forms using the writing process
- Apply grammar, vocabulary, and language conventions accurately
- Interpret and evaluate media messages critically

2. Science (SNC1W)

- **Course Code:** SNC1W (Compulsory)
- **Course Type:** De-streamed (applies to all Grade 9 students)
- **Credit Value:** 1.0
- **Prerequisite:** None

Course Description:

This course enables students to develop their understanding of concepts related to biology, chemistry, physics, and Earth and space science, and to relate science to technology, society, and the environment. Throughout the course, students will develop and refine their STEM skills as they use scientific research, scientific experimentation, and engineering design processes to investigate concepts and apply their knowledge in situations that are relevant to their lives and communities. Students will continue to develop transferable skills as they become scientifically literate global citizens.

Overall Expectations:

- By the end of this course, students will be able to:
- Demonstrate an understanding of sustainable ecosystems and biodiversity.
- Investigate atomic structure, elements, and chemical reactions.
- Explore the principles of electricity and its applications.
- Examine Earth and space systems and their impact on human life.
- Apply scientific inquiry and critical thinking to real-world issues.



3. Mathematics (MTH1W)

Course Code: MTH1W

Course Type: De-streamed (Compulsory)

Credit Value: 1.0

Prerequisite: None

Course Description:

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

Overall Expectations: By the end of this course, students will be able to:

- Apply algebraic skills to solve problems
- Use proportional reasoning in real-life contexts
- Analyze geometric relationships and measurement
- Represent and interpret linear relations
- Use mathematical processes and tools to solve problems

2. Grade 10 Courses

Grade 10 courses are offered in a **combination of de-streamed (W), Academic (D), and Open (O) formats**, in accordance with current Ministry policy.

Compulsory Courses

- **English (ENG2D)** – Academic
- **Mathematics (MTH2W)** – *De-streamed*
- **Science (SNC2W)** – *De-streamed*
- **Canadian History Since World War I (CHC2D)** – Academic
- **Civics and Citizenship (CHV2O)** – Open (0.5 credit)
- **Career Studies (GLC2O)** – Open (0.5 credit)

Additional Courses

- **Healthy Active Living Education (PPL2O)** – Open
- **Visual Arts (AVI2O)** – Open
- **Introduction to Business (BBI2O)** – Open

✚ The following courses are currently offered at Inukshuk Academy for Grade 10 students.



1. English (ENG2D)

Course Code: ENG2D

Course Type: Academic (Compulsory)

Credit Value: 1.0

Prerequisite: English, Grade 9, Academic or Applied

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Analyze and interpret a range of texts
- Communicate effectively in writing and oral forms
- Apply language conventions accurately
- Create and evaluate media texts

2. Science (SNC2W)

Course Code: SNC2W

Course Type: Academic (Compulsory)

Credit Value: 1.0

Prerequisite: Science, Grade 9 (SNC1W)

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Understand key concepts in biology, chemistry, physics, and Earth/space science
- Apply scientific knowledge to real-world contexts
- Conduct investigations and analyze data and communicate scientific findings effectively



3. Principle of Mathematics (MTH2W)

Course Code: MTH2W

Course Type: Academic (Compulsory)

Credit Value: 1.0

Prerequisite: MTH1W

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Apply algebraic and quadratic concepts to solve problems
- Represent and analyze linear and quadratic relations
- Use trigonometry to solve geometric problems
- Apply mathematical processes in real-world contexts

3. Grade 11 Courses (University and College Pathways)

Grade 11 courses are offered in **University (U)**, **College (C)**, and **University/College (M)** preparation types, supporting a range of postsecondary pathways.

University Preparation Courses (U)

- **English (ENG3U)** – Grade 11 University Preparation
- **Functions (MCR3U)** – Grade 11 University Preparation
- **Biology (SBI3U)** – Grade 11 University Preparation
- **Chemistry (SCH3U)** – Grade 11 University Preparation
- **Physics (SPH3U)** – Grade 11 University Preparation
- **Introduction to Anthropology, Psychology, and Sociology (HSP3U)** – University Preparation

College Preparation Courses (C)

- **English (ENG3C)** - Grade 11 College Preparation
- **Foundations for College Mathematics (MBF3C)** – Grade 11 College Preparation
- **Biology (SBI3C)** - Grade 11 College Preparation
- **Environmental Science (SVN3M)** - Grade 11 University/College Preparation



The following courses are currently offered at Inukshuk Academy for Grade 11 students for university preparation.

1. English (ENG3U)

Course Code: ENG3U

Course Type: University Preparation (Compulsory)

Credit Value: 1.0

Prerequisite: English, Grade 10 (Academic)

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Analyze complex texts and literary elements
- Communicate effectively in written and oral forms
- Apply writing skills for various purposes
- Create and evaluate media texts

2. Functions (MCR3U)

Course Code: MCR3U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Principles of Mathematics, Grade 10 (Academic)

Course Description:

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.



Overall Expectations: By the end of this course, students will be able to:

- Analyze and apply functions and algebraic concepts
- Use trigonometric relationships to solve problems
- Model exponential growth and decay
- Represent and solve problems using mathematical models

3. Physics (SPH3U)

Course Code: SPH3U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Science, Grade 10 (Academic)

Course Description:

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 analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.

Overall Expectations: By the end of this course, students will be able to:

- Analyze motion, forces, and energy concepts
- Apply principles of waves and sound
- Solve problems using physics concepts
- Conduct investigations and communicate results

4. Chemistry (SCH3U)

Course Code: SCH3U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Science, Grade 10 (Academic)

Course Description:

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



Overall Expectations: By the end of this course, students will be able to:

- Understand atomic structure and periodic trends
- Explain chemical bonding and compound formation
- Analyze chemical reactions and stoichiometry
- Investigate solutions and solubility
- Describe basic concepts of organic chemistry

5. Biology (SBI3U)

Course Code: SBI3U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Science, Grade 10 (Academic)

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Analyze the diversity and classification of living organisms
- Explain genetic processes and inheritance
- Understand evolutionary principles
- Examine ecosystems and sustainability
- Investigate cellular structure and processes

 **The following courses are currently offered at Inukshuk Academy for Grade 11 students for collage preparation.**

1. English (ENG3C)

Course Code: ENG3C

Course Type: University Preparation (Compulsory)

Credit Value: 1.0

Prerequisite: English, Grade 10 (Applied)

Course Description:

This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will study the content, form, and style of a variety of informational and graphic texts, as well as literary texts from Canada



and other countries, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An important focus will be on using language with precision and clarity. The course is intended to prepare students for the compulsory Grade 12 college preparation course.

2. Foundations for College Mathematics (MBF3C)

Course Code: MBF3C

Course Type: Collage Preparation (Compulsory)

Credit Value: 1.0

Prerequisite: Foundations of Mathematics, Grade 10, Applied

Course Description:

This course enables students to broaden their understanding of mathematics as a problem solving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; develop their ability to reason by collecting, analysing, and evaluating data involving one variable; connect probability and statistics; and solve problems in geometry and trigonometry. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

3. Biology (SBI3C)

Course Code: SBI3C

Course Type: Collage Preparation (Compulsory)

Credit Value: 1.0

Prerequisite: Science, Grade 10, Academic or Applied

Course Description:

This course focuses on the processes that occur in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, genetics, the anatomy of mammals, and the structure of plants and their role in the natural environment. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields.

3. Environmental Science (SVN3M)

Course Code: SVN3M

Course Type: University/Collage Preparation (Compulsory)

Credit Value: 1.0

Prerequisite: Science, Grade 10, Academic or Applied



Course Description:

This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in life after secondary school. Students will explore a range of topics, including the role of science in addressing contemporary environmental challenges; the impact of the environment on human health; sustainable agriculture and forestry; the reduction and management of waste; and the conservation of energy. Students will increase their scientific and environmental literacy and examine the interrelationships between science, the environment, and society in a variety of areas.

4. Grade 12 Courses (University and College Pathways)

Grade 12 courses are offered in **University (U)**, **College (C)**, and **University/College (M) preparation types**, supporting a range of postsecondary pathways.

University Preparation Courses (U)

- **English (ENG4U)** – Grade 12 University Preparation
- **Advanced Functions (MHF4U)** – Grade 12 University Preparation
- **Calculus and Vectors (MCV4U)** – Grade 12 University Preparation
- **Biology (SBI4U)** – Grade 12 University Preparation
- **Chemistry (SCH4U)** – Grade 12 University Preparation
- **Physics (SPH4U)** – Grade 12 University Preparation
- **Canadian and International Law (CLN4U)** – University Preparation

College Preparation Courses (C)

- **English (ENG4C)** – Grade 12 College Preparation
- **Mathematics for College Technology (MCT4C)** – Grade 12 College Preparation

University/College Preparation Courses (M)

- **The Individual and the Economy (CIE4M)** – University/College Preparation
- **Business Leadership: Management Fundamentals (BOH4M)** – University/College Preparation
- **Visual Arts (AVI4M)** – University/College Preparation

✚ The following courses are currently offered at Inukshuk Academy for Grade 12 university preparation students.

1. English (ENG4U)

Course Code: ENG4U

Course Type: University Preparation (Compulsory)

Credit Value: 1.0

Prerequisite: English, Grade 11 (ENG3U)



Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Critically analyze a range of texts
- Communicate effectively in written and oral forms
- Apply advanced writing skills for various purposes
- Create and evaluate media texts

2. Advanced Functions (MHF4U)

Course Code: MHF4U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Functions, Grade 11, University Preparation, or Mathematics for College Technology, Grade 12, College Preparation.

Course Description:

Overall Expectations: By the end of this course, students will be able to:

- Analyze polynomial, rational, exponential, and logarithmic functions
- Apply trigonometric concepts to solve problems
- Model and solve complex real-world situations using functions

3. Calculus and Vectors (MCV4U)

Course Code: MCV4U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Advanced Functions, Grade 12, University Preparation, must be taken prior to or concurrently with Calculus and Vectors.

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Understand limits, continuity, and rates of change
- Apply derivatives to solve problems involving motion and optimization
- Use vector concepts and geometry in problem solving
- Apply calculus and vectors to real-world contexts

4. Physics (SPH4U)

Course Code: SPH4U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Physics, Grade 11 (SPH3U)

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Analyze motion, forces, and energy principles
- Understand electric and magnetic interactions
- Apply concepts of waves and light
- Explore fundamental ideas in modern physics



5. Chemistry (SCH4U)

Course Code: SCH4U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Chemistry, Grade 11 (SCH3U)

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Analyze energy changes in chemical reactions
- Explain reaction rates and equilibrium
- Investigate electrochemical processes
- Apply concepts of organic chemistry

6. Biology (SBI4U)

Course Code: SBI4U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Grade 11 Biology, University Preparation

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Understand biochemical processes and macromolecules
- Explain genetic mechanisms and protein synthesis
- Analyze homeostasis in living systems
- Examine evolution and population dynamics



7. Mathematics of Data Management (MDM4U)

Course Code: MDM4U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Functions, Grade 11, University Preparation, or Functions and Applications, Grade 11, University/College Preparation

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Apply probability concepts and analyze distributions
- Collect, organize, and interpret data
- Evaluate statistical information in real-world contexts
- Use technology to model and analyze data

8. Computer Science (ICS4U)

Course Code: ICS4U

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Introduction to Computer Science, Grade 11, University Preparation

Course Description:

This course enables students to further develop knowledge and skills in computer science. Students will use modular design principles to create complex and fully documented programs, according to industry standards. Student teams will manage a large software development project, from planning through to project review. Students will also analyse algorithms for effectiveness. They will investigate ethical issues in computing and further explore environmental issues, emerging technologies, areas of research in computer science, and careers in the field.

Overall Expectations: By the end of this course, students will be able to:

- Apply programming and object-oriented concepts
- Use algorithms and data structures to solve problems



- Develop and test software using structured design
- Evaluate the social and ethical impact of computing

9. Ontario Secondary School Literacy Course (OLC40)

Course Code: OLC40

Course Type: University Preparation

Credit Value: 1.0

Prerequisite: Introduction to Computer Science, Grade 11, University Preparation

Course Description:

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.

Overall Expectations: By the end of this course, students will be able to:

- Analyze a variety of texts
- Communicate effectively in writing and orally
- Apply literacy skills for different purposes
- Develop strategies for independent learning

△ Note: Inukshuk Academy does not currently offering literacy courses.

✚ The following courses are currently offered at Inukshuk Academy for Grade 12 collage preparation students.

1. English (ENG4C)

Course Code: ENG4C

Course Type: Collage Preparation

Credit Value: 1.0

Prerequisite: Grade 11 English, College Preparation

Course Description:

This course emphasizes the consolidation of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyse a variety of informational and graphic texts, as well as literary texts from various countries and cultures, and create oral, written, and media texts in a variety of forms for practical and academic purposes. An



important 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.

2. Mathematics for College Technology (MCT4C)

Course Code: MCT4C

Course Type: Collage Preparation

Credit Value: 1.0

Prerequisite: Functions and Applications, Grade 11, University/College Preparation, or Functions, Grade 11, University Preparation

Course Description:

This course enables students to extend their knowledge of functions. Students will investigate and apply properties of polynomial, exponential, and trigonometric functions; continue to represent functions numerically, graphically, and algebraically; develop facility in simplifying expressions and solving equations; and solve problems that address applications of algebra, trigonometry, vectors, and geometry. Students will reason mathematically and communicate their thinking as they solve multi-step problems. This course prepares students for a variety of college technology programs.

3. Computer Programming, Grade 12, College (ICS4C)

Course Code: ICS4C

Course Type: Collage Preparation

Credit Value: 1.0

Prerequisite: Introduction to Computer Programming, Grade 11, College Preparation

Course Description:

This course further develops students' computer programming skills. Students will learn object oriented programming concepts, create object-oriented software solutions, and design graphical user interfaces. Student teams will plan and carry out a software development project using industry-standard programming tools and proper project management techniques. Students will also investigate ethical issues in computing and expand their understanding of environmental issues, emerging technologies, and computer-related careers.



Prerequisites

Many secondary school courses require the successful completion of one or more prerequisite courses prior to enrollment. These prerequisites are established by the Ontario Ministry of Education and are outlined within the official curriculum policy documents. Schools may not create additional prerequisites beyond those identified by the Ministry.

At Inukshuk Academy, students and families are provided with clear and accurate information regarding prerequisite requirements during course selection and registration. This ensures that students are placed in courses that align with their background knowledge, academic readiness, and post-secondary goals. In certain circumstances, a prerequisite waiver may be requested. A parent/guardian or an adult student (18 years of age or older) may submit a request to enroll in a course without the officially required prerequisite. The Principal will review such requests in consultation with the student, parents or guardians (as applicable), and relevant teaching staff. Approval is based on evidence of a student's readiness, demonstrated learning, and likelihood of success in the course.

Prior Learning Assessment and Recognition (PLAR)

Prior Learning Assessment and Recognition (PLAR) [3, 4], is a Ministry-approved process that allows students to earn credits toward the Ontario Secondary School Diploma (OSSD) for knowledge and skills acquired outside of secondary school. This includes prior learning from formal education, independent study, work experience, training programs, and other life experiences.

PLAR is implemented in accordance with:

- Policy/Program Memorandum PPM. 129 (for regular day school students)
- Policy/Program Memorandum PPM. 132 (for mature students), issued by the Ontario Ministry of Education.

PLAR ensures that students do not repeat learning they have already mastered and supports flexible pathways to graduation while maintaining the integrity of Ontario curriculum standards.

Grade Level	PLAR Method	Description
Grades 9–10	Individual Assessment / Equivalency	Credits may be granted based on a review of previous learning and supporting documentation
Grades 11–12	Equivalency Process	Credits may be granted for prior learning that aligns with Ontario curriculum expectations
Grades 11–12	Challenge Process	<i>Not offered at Inukshuk Academy</i>

Mature Students (PPM 132)

A mature student is defined as a student who is at least 18 years of age and has been out of secondary school for at least one year.



- Mature students may earn up to 26 credits through PLAR, in accordance with Policy/Program Memorandum PPM. 132
- All mature students must earn a minimum of four Grade 11 or Grade 12 credits through regular instruction after being designated as mature students

Documentation and Recording

- All PLAR decisions, supporting documentation, and credit allocations are:
 - ✓ Approved by the Principal (or designate)
 - ✓ Recorded in the Ontario Student Record (OSR)
 - ✓ Entered on the Ontario Student Transcript (OST), where applicable

References

- [1] Ministry of Education, "Course Descriptions and Prerequisites," August 2024. [Online]. Available: <https://www.dcp.edu.gov.on.ca/en/course-descriptions-and-prerequisites>.
- [2] Ministry of Education, "Ontario Secondary School Diploma (OSSD) Grade (9-12)," [Online]. Available: <https://www.dcp.edu.gov.on.ca/en/>.
- [3] Ministry of Education, "Prior Learning Assessment and Recognition (PLAR)," [Online]. Available: <https://www.ontario.ca/page/prior-learning-assessment-and-recognition-guide-colleges-applied-arts-and-technology>.
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- [5] Ministry of Education, "Earning your high school diploma," [Online]. Available: <https://www.ontario.ca/page/earning-your-high-school-diploma>.