



# **SPECTRUM**

## **COMMUNITY SCHOOL**

**COURSE REGISTRATION**  
**2022-2023**

English 9 **[Required]**

Literary Studies 10  
New Media 10  
Spoken Language 10  
Creative Writing 10



## Composition 10

[incorporated into all choices]

One Grade 10 course

**required**

Literary Studies 11  
Spoken Word 11  
Creative Writing 11  
New Media 11

One Grade 11 course

**required**

### English First Peoples 11:

Literary Studies & Spoken Word  
Literary Studies & Writing  
Literary Studies & New Media

### BY APPLICATION ONLY:

English 11 / Band 11  
English 11 / Outdoor Recreation 11

English 12 **[Required]**

**OR**

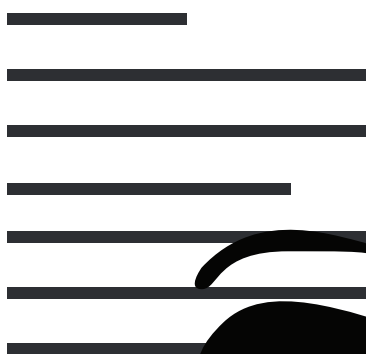
First People's 12 **[Required]**

### ELECTIVE COURSES:

Literary Studies 12  
New Media 12  
Creative Writing 12  
Spoken Word 12  
Composition 12

# ENGLISH

The aim of English Language Arts curriculums is to provide students with opportunities for personal and intellectual growth through speaking, listening, reading, viewing and writing. The curriculums, which include Composition 10 as a core component, are designed to assist students to make meaning of the world and to prepare them to participate effectively in all aspects of society.



# SPECTRUM MATHEMATICS

Welcome to the Spectrum Mathematics department. Our department is divided up into three distinct pathways: Workplace, Foundations, and Pre-Calculus. When choosing a pathway, it's important to consider these four pillars:

**GOALS**

**INTERESTS**

**STRENGTHS**

**TEACHER RECOMMENDATION**

By knowing what your goals, interests and strengths are in math, teachers can recommend which pathway is best suited for you so you can be successful.

## PATHWAY #1: WORKPLACE MATH

Trades and Workplace Mathematics

Carpentry, food services, continuing care, hairstylist, welding, film/video, commercial pilot, forestry, retail management, and so much more!

Introduction to Math

**AND / OR**

Math 9

Workplace Math 10

Workplace Math 11

## PATHWAY #2: FOUNDATIONS OF MATH

University and College Programs (**not** requiring calculus)

Nursing, business administration, office management, computer technician, literary studies, political science, anthropology, psychology, elementary education, economics, just to name a few!

Introduction to Math + Math 9

**OR**

Math 9

Foundations of Math 10

**OR**

Foundations of Math 10 (**Linear**)  
with Learning Strategies

**OR**

Exploring Engineering

**Foundations of Math 10  
+ Skills Exploration 10**

Foundations of Math 11

Foundations of Math 12

## PATHWAY #3: PRE-CALCULUS

University and College Programs (that **do** require calculus)

Science, engineering, mathematics, pharmacology, dentistry, medicine, veterinary medicine, geology, computer programming, robotics, and many more!

Introduction to Math + Math 9

**OR**

Math 9

Foundations of Math 10

**OR**

Foundations of Math 10 (**Linear**)  
with Learning Strategies

**OR**

Exploring Engineering

**Foundations of Math 10  
+ Skills Exploration 10**

Pre-Calculus 11

**OR**

Pre-Calculus 11 (**Linear**)  
with Learning Strategies

Pre-Calculus 12

**OR**

Pre-Calculus 12 + Calculus 12

# SCIENCE

Science helps students evolve their understanding and expand their ability to engage as thoughtful citizens. Specifically, the Spectrum Science Program is designed to support and challenge student's scientific knowledge and skills by exploring the natural world from the tiniest of particles to the depths of the cosmos. This is done through scientific literacy, critical thinking, and dynamic hands-on courses that meet all BC graduation requirements.

09

10

11

12

Science 9 **[Required]**

Science 10 **[Required]**

Earth Science 11

Science for Citizens 11

Environmental Science 11

Life Sciences 11

Chemistry 11

Physics 11  
**OR**  
Applied Physics

**APPLIED  
PHYSICS**

=  
Physics 11  
**AND**  
Metal 11

Anatomy & Physiology 12

**Minimum of one required**

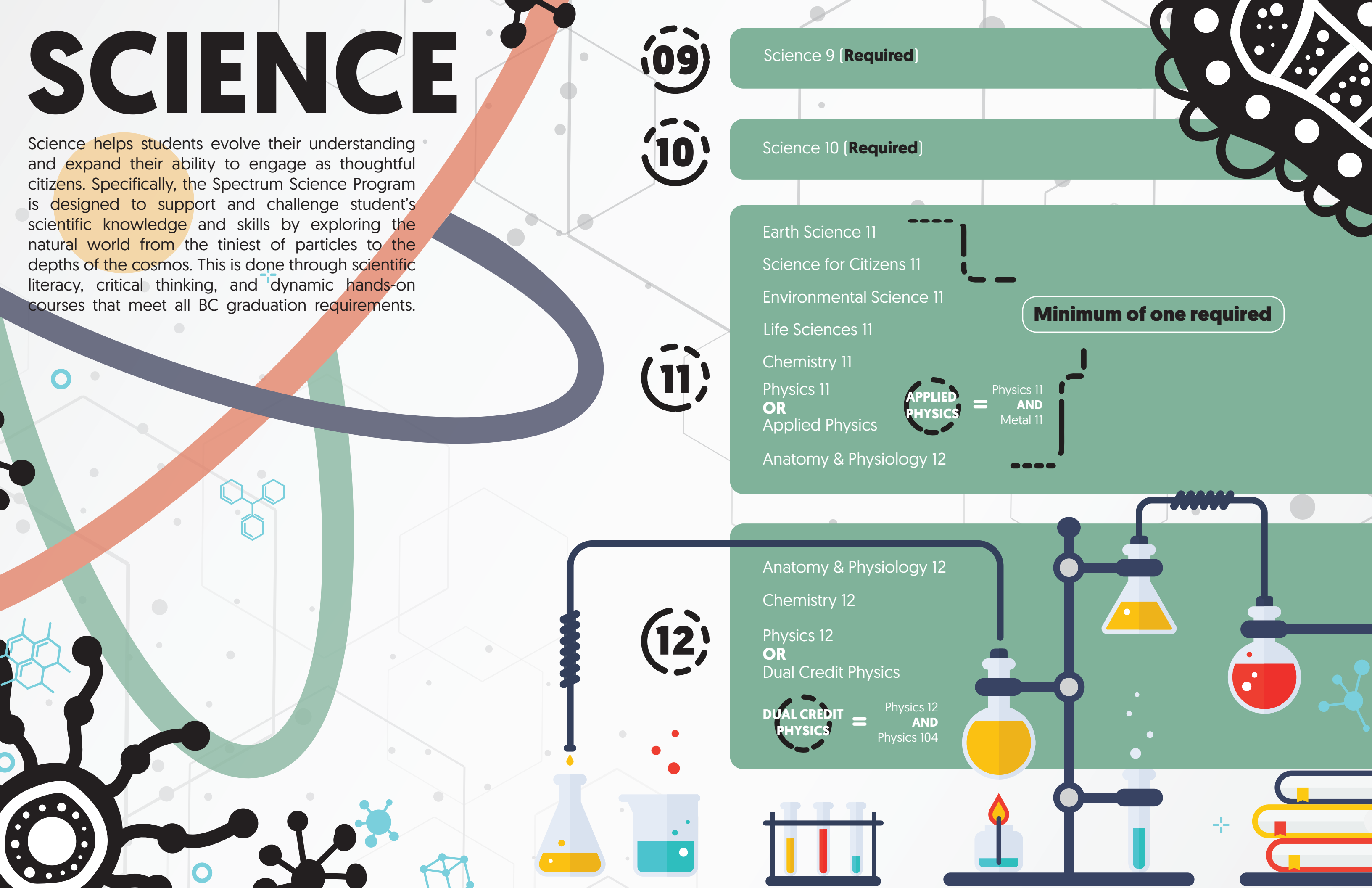
Anatomy & Physiology 12

Chemistry 12

Physics 12  
**OR**  
Dual Credit Physics

**DUAL CREDIT  
PHYSICS**

=  
Physics 12  
**AND**  
Physics 104





# SPECTRUM COMMUNITY SCHOOL STEM PROGRAM

## STEM 9

Science 9

Math 9

Skills Exploratory 9

## STEM 10

Science 10

+

Skills Exploration 10

**AND**

Foundations of  
Math 10

||

**EXPLORING  
ENGINEERING**

## STEM 11

Pre-Calculus 11

Design 11

+

Physics 11

**AND**

Metal 11

=

**APPLIED  
PHYSICS**

## STEM 12

**COMING  
SOON**

### WHAT IS STEM?

In our highly technological and ever changing society, skills such as problem solving, interpreting information, and evidence based decision making become increasingly important. Through the STEM Program at Spectrum Community School, students will develop these and other skills in **Science, Technology, Engineering, and Math** — disciplines collectively known as **STEM**.

# SOCIAL STUDIES

Spectrum offers students exciting avenues to explore the realm of Social Studies. Starting with Social Studies 9 & 10, students will explore and examine historical & contemporary issues involving the local, national, & international communities. Spectrum has many options for students as they progress through the department, including various elective courses offered at the Grade 11 & 12 levels. Other options involve Dual Credit courses, the Global & Intercultural Skills certificate, & Spectrum's Canada & Global Affairs Institute program. Students will learn in an interactive way, with an emphasis on historical & critical thinking, core competencies, various methods of instruction & assessment, travel opportunities, & post-secondary/career possibilities.

## REQUIRED COURSES

Social Studies 9  
Social Studies 10  
One senior level Social Studies course



## SENIOR COURSES

[Choose at least one]

Social Studies Explorations

20th Century History

OR

20th Century History  
+ History 106 [Dual Credit]

Comparative Cultures

Comparative World Religions

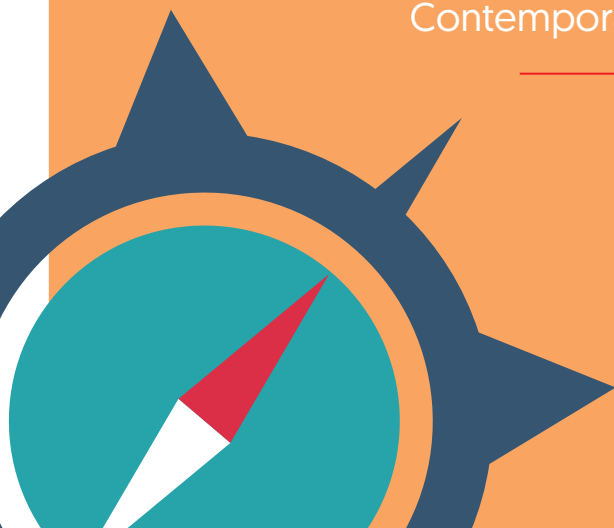
Contemporary Indigenous Studies

Genocide Studies

Physical Geography

Law Studies

Political Studies



## ELECTIVE COURSES

[Can be taken in addition to required courses]

Psychology 11

Psychology 12

OR

Psychology 12  
+ Psychology 130 [Dual Credit]

Criminology

OR

Criminology  
+ Criminology 154 [Dual Credit]

History of Rock & Roll

Indigenous Cultural Connections

Global & Intercultural Skills

## CANADA & WORLD AFFAIRS INSTITUTE CERTIFICATE

Spectrum is pleased to offer a more comprehensive, interactive, & relevant way of learning about Social Studies. Enrolling in the **Institute** in either Grade 9 or 10, students would engage in several different topics & activities while learning about Canada's role in the world & international affairs. Upon completion in Grade 12, students would receive an Institute Certificate/Diploma.

## Sample Schedule

Grade 9 Social Studies  
Grade 10 Social Studies  
2-3 Senior Electives [Grades 11/12]  
Capstone Project  
European Trip [Grades 11/12]



# CAREER EDUCATION

The Career Education Program is required for graduation

## GRADE 10 Career Life Education

Career Life Education is taken in class and focuses on personal development, connections to the community and career-life plans. The students' Capstone Portfolio begins here and is carried through to graduation. Topics include the following: goal setting, workplace etiquette, global trends, and employability skills, just to name a few. This course works in conjunction with and provides a base for the Career Life Connections course.

## GRADE 11 Career Life Connections: Part A

The first two of the four mandatory credits for Career Life Connections (CLC) are given to students as they complete CLC12A in Grade 11. CLC continues from the base that is set for the Career-Life courses in CLE10, focusing on the exploration of possible future career and life paths with the help of a mentor of their choice. Students will continue their Capstone Portfolio that begins in CLE10, complete professional documents, and network with various members of the local communities.

## GRADE 12 Career Life Connections: Part B

The final two of the four credits for Career Life Connections are given to students who complete CLC12B in Grade 12. Students will continue to collaborate with their mentor as they complete the work that they began in CLC12A in Grade 11. In addition, students are required to complete 30 hours of Experiential Learning, plan a budget for their near and distant futures, and finally, participate in a Capstone Showcase where all Grade 12's will celebrate their journeys through the Career Life Courses and their time at Spectrum.

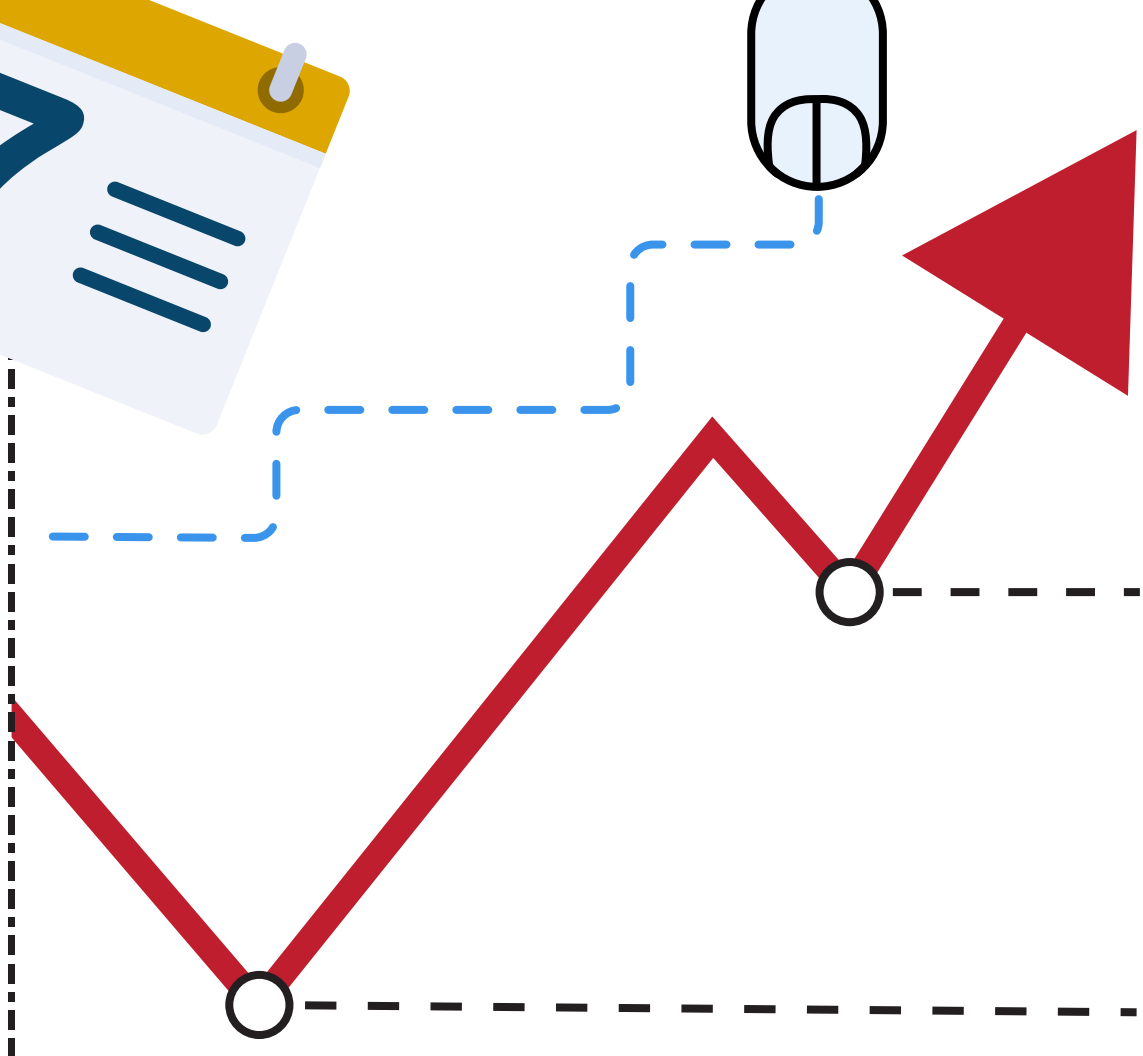


# BUSINESS EDUCATION

Are you a self-motivated individual with an entrepreneurial mindset? Do you want to make a difference in the world of business? Then look no further! The business department offers courses that teach you how to build a successful business while following governmental policies and maintaining ethical standards. The courses are designed so you can work ahead of the pace set in class.

The program begins with the introductory courses Entrepreneurship and Marketing for Grades 9 and 10. These courses lead to senior-level classes that explore topics such as how government structure and policies influence the economy, how businesses make informed decisions using data to maximize profits, and how to use technology to promote and boost sales.

A dual-credit program at the senior level is offered by Camosun College, in which you will complete online courses designed and led by Camosun professors. Upon completion, you will receive credits that can be applied to your post-secondary education. This is a fantastic way to get a head start and save money!



**ECONOMICS**  
GRADE 12  
MEC12

**DUAL CREDIT**  
GRADE 12  
ECONOMICS 103

**E-COMMERCE**  
GRADE 12  
MECOM12

**DUAL CREDIT**  
GRADE 12  
MARKETING 110

**ACCOUNTING**  
GRADE 11  
MAC11

▶

**GRADE 12**  
MAC12

**DUAL CREDIT**  
GRADE 12  
ACCOUNTING 110

**ENTREPRENEURSHIP & MARKETING**  
GRADE 9  
MADEM09

▶

**GRADE 10**  
MADEM10

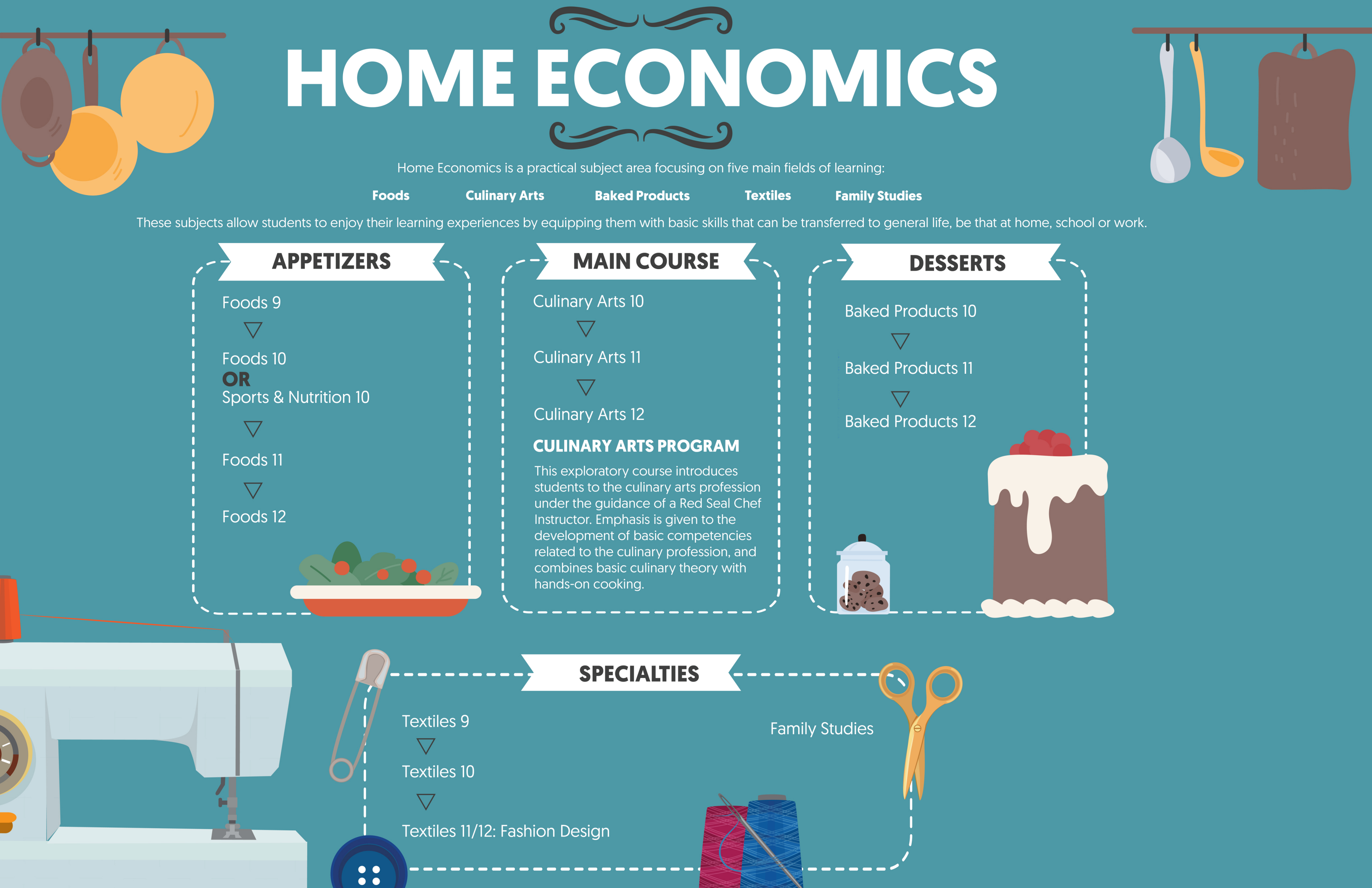
▶

**GRADE 11**  
MMAPI1

▶

**GRADE 12**  
MENT12



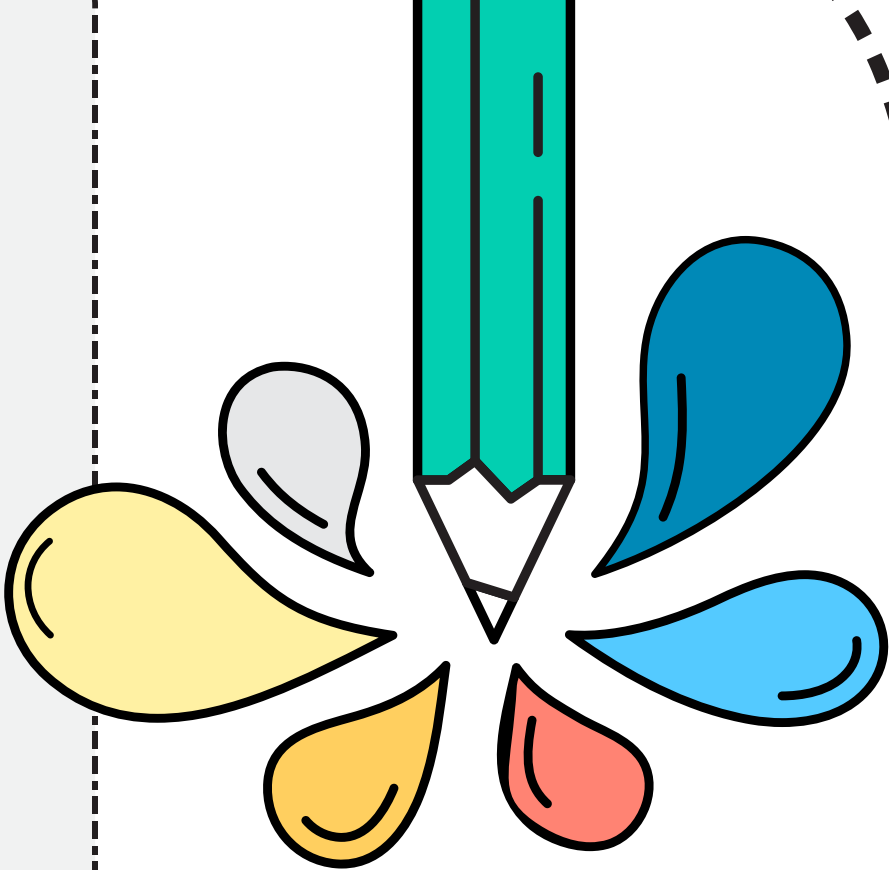


# DIGITAL MEDIA & GAME DESIGN

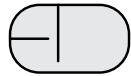
The digital media and game design department features several courses that accommodate all skill levels and focuses on active learning through hands-on activities.

The program begins with a Computer Basics course, where students learn the fundamentals of working with a desktop computer. This course is available at all grade levels.

Afterwards, students are welcome to take the second course in our department, Introduction to Digital Media and Game Design. This course is available for students in Grades 10-12 and introduces students to graphic design techniques with the Adobe Creative Suite as well as coding, video games and web design.



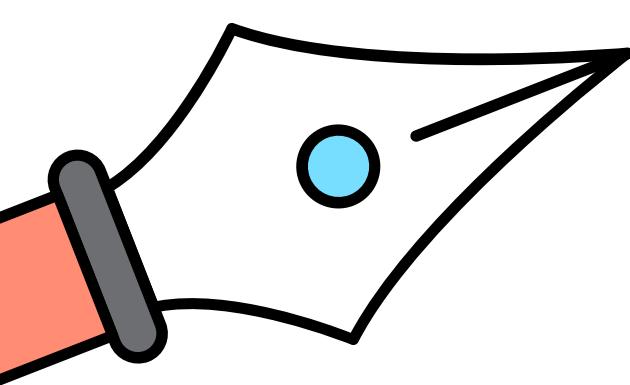
## COMPUTER BASICS



<b>GRADE 9</b> ADST 9	<b>GRADE 10</b> MCSTU10	<b>GRADE 11</b> MCINF-11	<b>GRADE 12</b> MCINF-12
--------------------------	----------------------------	-----------------------------	-----------------------------

## INTRODUCTION TO DIGITAL MEDIA & GAME DESIGN

<b>GRADE 10</b> MMEDD-10	<b>GRADE 11</b> MMEDD-11	<b>GRADE 12</b> MMEDD-12
-----------------------------	-----------------------------	-----------------------------



## LEVEL UP

Upon completion of Introduction to Digital Media & Game Design, students unlock a variety of senior level courses in graphic design, animation, programming and web development.

## WEB DEVELOPMENT

<b>GRADE 10</b> MWBDV-10	<b>GRADE 11</b> MWBDV-11 [TBA]	<b>GRADE 12</b> MWBDV-12 [TBA]
-----------------------------	-----------------------------------	-----------------------------------

## PROGRAMMING

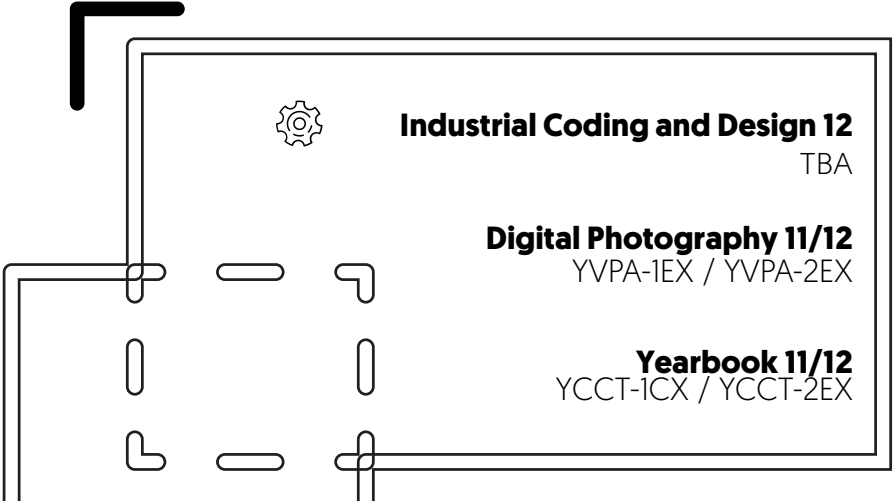
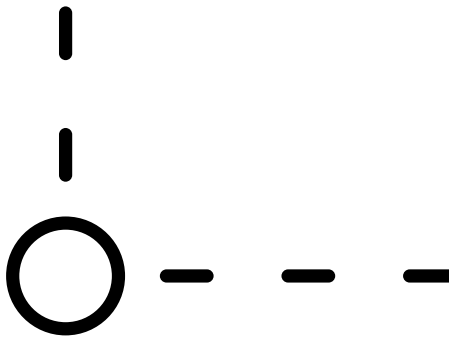
<b>GRADE 11</b> MCMPR-11	<b>GRADE 12</b> MCMPR-12
-----------------------------	-----------------------------

## ANIMATION

<b>GRADE 11</b> MGRPR11	<b>GRADE 12</b> MGRPR12
----------------------------	----------------------------

## GRAPHIC DESIGN

<b>GRADE 11/12</b> Graphic Design 1 MVAGA11 MVAGA12	<b>GRADE 11/12</b> Graphic Design 2 MVAGA11 MVAGA12
--	--





# MODERN LANGUAGES

The Modern Language department offers introductory and intermediate level courses in Spanish, French and Japanese. Classes will explore cultural practices and expressions associated with the target languages, and will emphasize language acquisition through games, storytelling, and social learning.

## FRENCH

French 9  
▽  
French 10  
▽  
French 11  
▽  
French 12

## SPANISH

Spanish 9  
▽  
Spanish 10  
▽  
Spanish 11  
▽  
Spanish 12

## JAPANESE

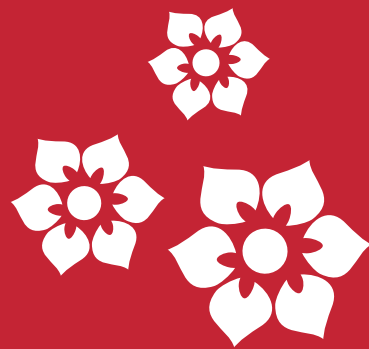
Japanese 9  
▽  
Japanese 10  
▽  
Japanese 11  
▽  
Japanese 12

## INTRODUCTORY COURSES

These courses are intended for students in Grades 10, 11 or 12 who wish to enroll in a secondary school language course for the first time.

No prior instruction is necessary, but elementary or middle school experience would be useful. These courses are accelerated and will cover material found in Grade 9 and 10 courses. Successful completion of this level will enable students to enroll in Grade 11 courses.

Introduction to French 11  
Introduction to Spanish 11  
Introduction to Japanese 11



# TECHNICAL EDUCATION

## EXPLORATION

General Exploration 9  
Exploring Engineering 10  
Skills Exploration 10/11/12

## METAL

Metalwork 9  
Metalwork 10  
Metalwork 11 / 12  
Machining & Welding 12  
Art Metal & Jewellery 12

## WOODSHOP

Woodwork 9  
Woodwork 10  
Drafting 10  
Drafting 11 / 12  
Woodwork 11 / 12

## AUTOMOTIVE

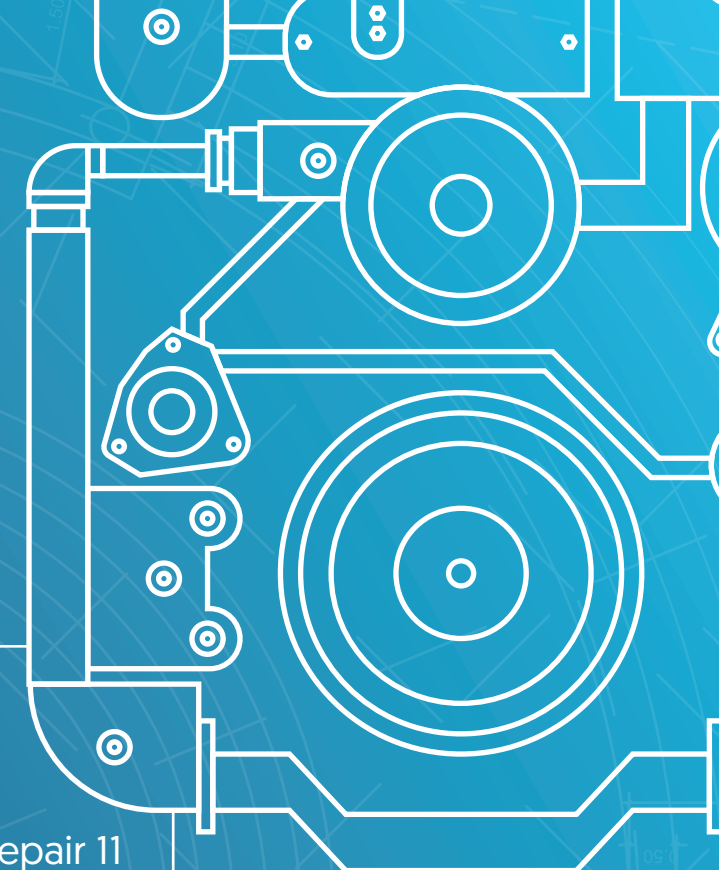
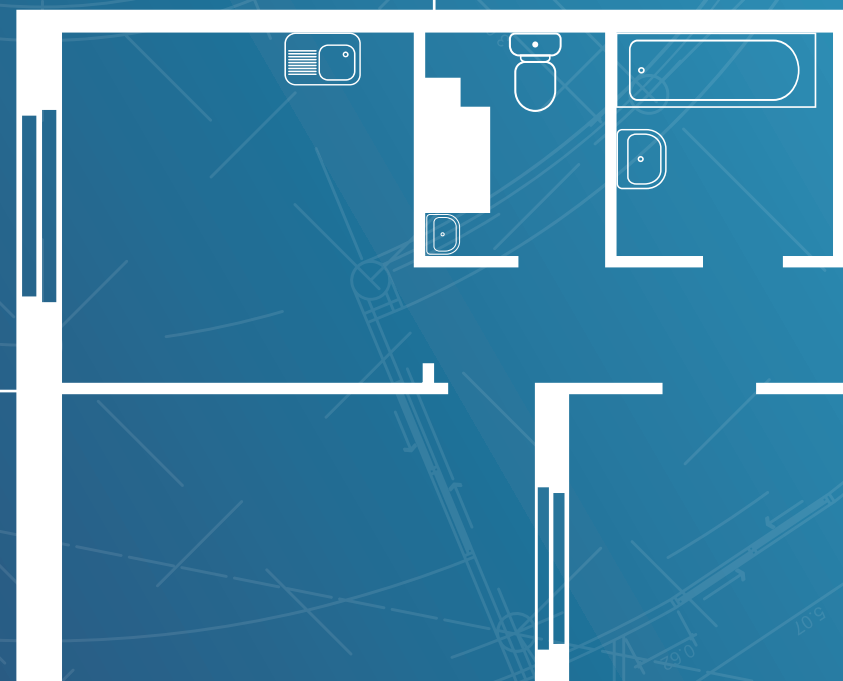
Power Technology 10  
Automotive Service & Repair 11  
Automotive Technology 11  
Automotive Technology 12

## ELECTRICAL TRADES CAREER PATHWAY

The Electrical Trades Career Pathway is for students interested in pursuing a dynamic career opportunity as an Construction/Industrial Electrician. The focus of the program is student preparation for post-secondary opportunities at college, university and/or the workplace. Students must apply to the Career Pathway instructor with applications to be found on zSpectrum's website. Required courses are:

Electrical Trades Apprenticeship 11  
Work Experience 12A

Electrical Trades Apprenticeship 12A  
Electrical Trades Apprenticeship 12B





# VISUAL ART

Grow your creativity while learning how to express yourself visually. These courses will introduce you to various ways of creating art, different art mediums, art history and art language. Each course grows your practice in different ways and helps you to look at the world from different angles. Learn how to unleash your inner artist!

## JUNIOR

Visual Arts 9  
Art Studio 10



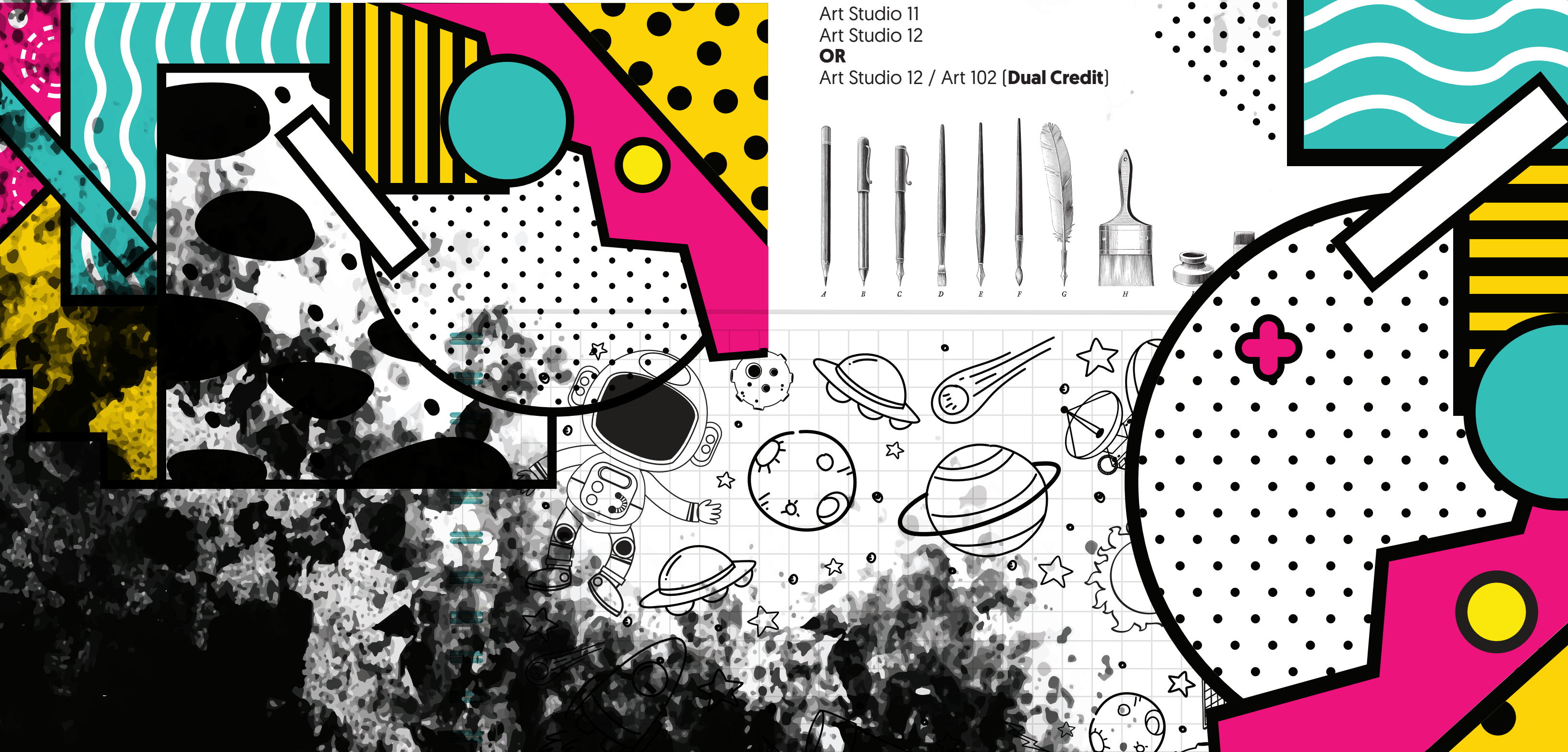
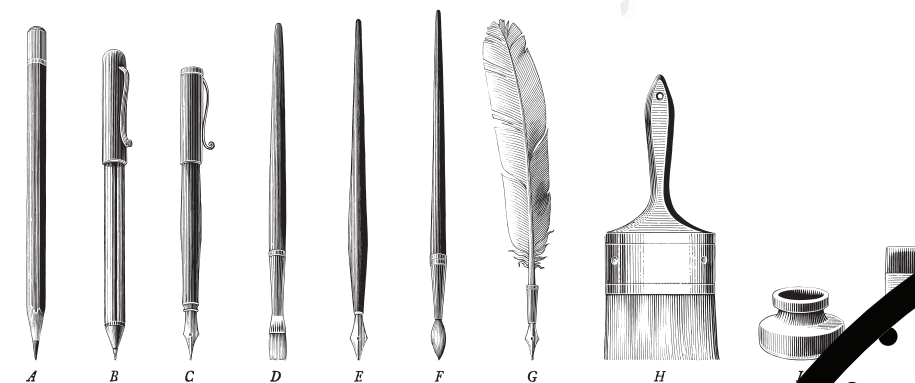
## SENIOR

Studio Arts 2D 11  
Studio Arts 2D 12

Art Studio 11  
Art Studio 12

**OR**

Art Studio 12 / Art 102 **[Dual Credit]**





# MEDIA ARTS

Do you connect most with moving images and photos that tell a story? Is film and video your "go-to" for entertainment and information? These courses open the doors to your deepening interest in story telling through digital filmmaking and photography. From here a whole wide world of opportunity is up for grabs!

## VIDEO ARTS

Media Arts 10



Media Arts 11



Media Arts 12

These courses are designed to turn you into a better filmmaker and develop an understanding of what goes on from creating a concept, location and studio production, to distributing your film in the festival circuit.

## PHOTOGRAPHY

Photography 10



Photography 11

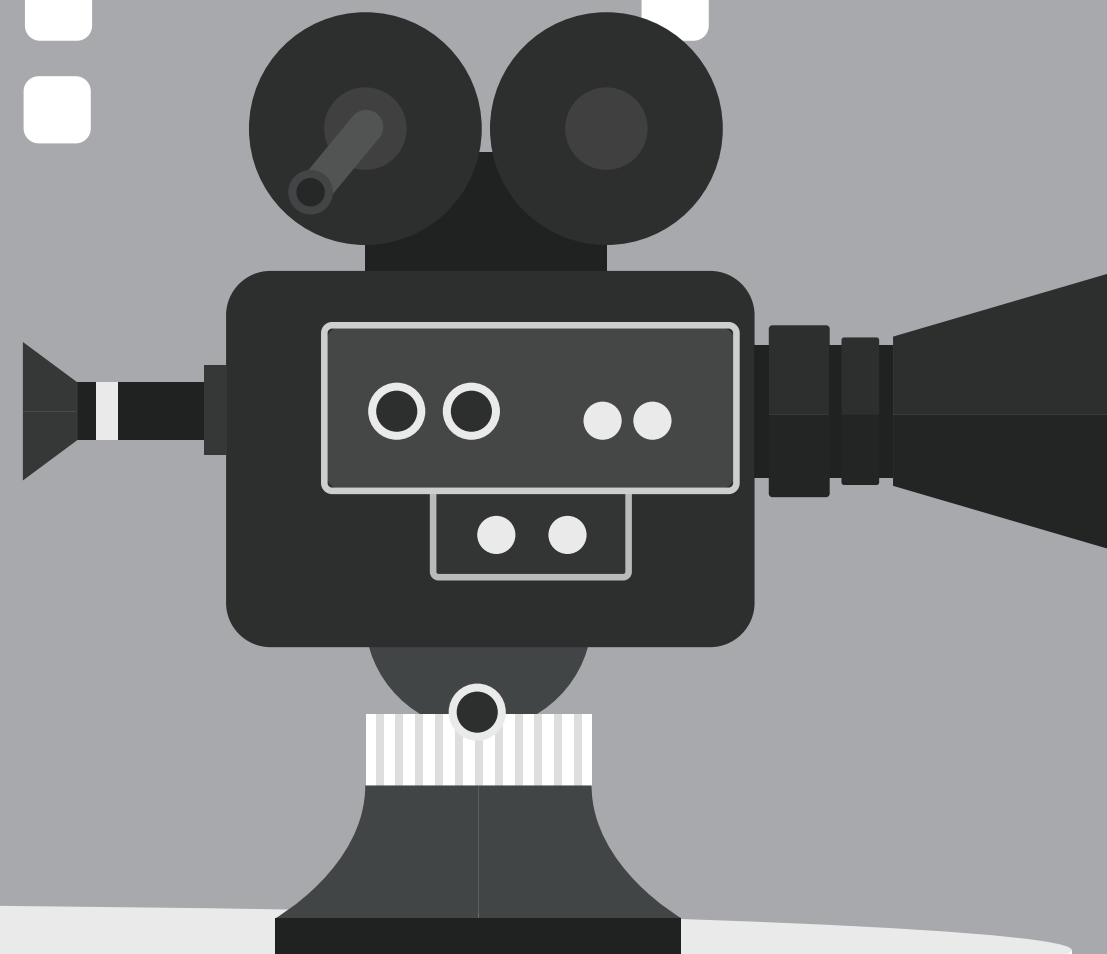


Photography 12

This is old school 35mm film photography and darkroom printmaking. Hands-on from start to finish, your photography will kick-start your creative process!

## ELECTIVES

FILM STUDIES 12





# PERFORMING ARTS



ADMIT  
ONE

These are the courses that make coming to school worth it. Time, effort, and team building spent here bring the unique rewards of heightened confidence, true friendship, a shared experience with lasting memories, and the satisfaction of being a creative part of something bigger than yourself. Performing Arts is learning how to hold a mirror to life.

## EXPLORATORY COURSES

Inside the Timetable

Drama 9/10

**OR**

Musical Theatre 9/10



Drama 11/12

Drama Film & Television 11/12

Directing and Script Development 11/12

## Stagecraft 10-12

Stagecraft exists both inside and outside the timetable. Students have the opportunity to work on all school events and to get paid as technicians for groups that rent the Spectrum Theatre.

## PERFORMANCE COURSES

Outside the Timetable

### Indigenous Theatre & Leadership 11 (Sacred Circle)

Interschool Program offering the exploration of performance through local indigenous ways of knowing

### Mainstage Production: Musical

Mixed level, full year course centered around the exploration rehearsal and community building experience of mounting a full Musical Production.

\*Offered on alternating years to Mainstage Production: Theatre

### Mainstage Production: Theatre

Mixed level, full year course centered around the exploration rehearsal and community building experience of mounting a full length Play.

\*Offered on alternating years to Mainstage Production: Musical





# MUSIC

The Spectrum Music Department is a performance based program that strives to provide an extensive array of musical options for students attending Spectrum Community School. Whether you are looking to pursue music at a professional level or wish to gain a better understanding [or just have fun!] Spectrum Music Department has several options which will serve to foster and develop a lifelong love for music!

## CORE ENSEMBLES

**Grade 9/10** Junior Concert Band  
**Grade 11/12** Senior Concert Band

**Grade 9-12** Concert Choir

All members of a **Core Ensemble** receive a Performance Credit that is automatically added. This does not interfere with scheduling or timetables.

## SPECIALIZED ENSEMBLES

**Grade 9/10** Junior Jazz Band  
**Grade 11/12** Senior Jazz Band

To be considered for Jazz Band, students must be enrolled in a **Core Ensemble**

**Grade 10-12** Introduction to Guitar



# DANCE

## DANCE PERFORMANCE

Dance Performance 9/10  
Dance Performance 11/12

Our dance program is open to all students with or without previous dance training. The course exposes students to many different dance styles and aims to enable each student to develop his or her dance technique, muscular strength, flexibility, fitness level, and performance skills.

Students will be required to present learned choreography at several performances during the school year. Students taking choreography will be integrated with dance performance students and can have the opportunity to set small and/or large group choreography.

## DANCE CHOREOGRAPHY

Dance Choreography 9/10  
Dance Choreography 11/12

## ADVANCED DANCE

This is a yearlong course that is open to Grade 10-12 students with advanced dance skills. This is for the dedicated dancer that is committed to all different dance styles and wants to dance every day all year. Students will be required to present learned choreography at several performances including festivals during the school year. Auditions will be held to select those with the skill level required for this course.

Please refer to [www.spectrumdance.weebly.com](http://www.spectrumdance.weebly.com)

Dance Foundations 10

Dance Company 10

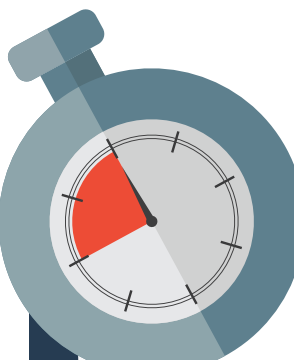
Dance Foundations 11

Dance Company 11

Dance Foundations 12

Dance Company 12





# PHYSICAL EDUCATION

We are proud to offer a Physical and Health Education program that is both challenging and flexible enough to meet the needs and abilities of all of our students. From our required courses to our electives, students are able to participate in a wide range of electives over their four years at Spectrum. We encourage all students to stay involved in the Physical Education program.

PE Boys 9    **OR**    PE Girls 9    **OR**    PE CO-ED 9

PE Boys 10    **OR**    PE Girls 10    **OR**    PE CO-ED 10

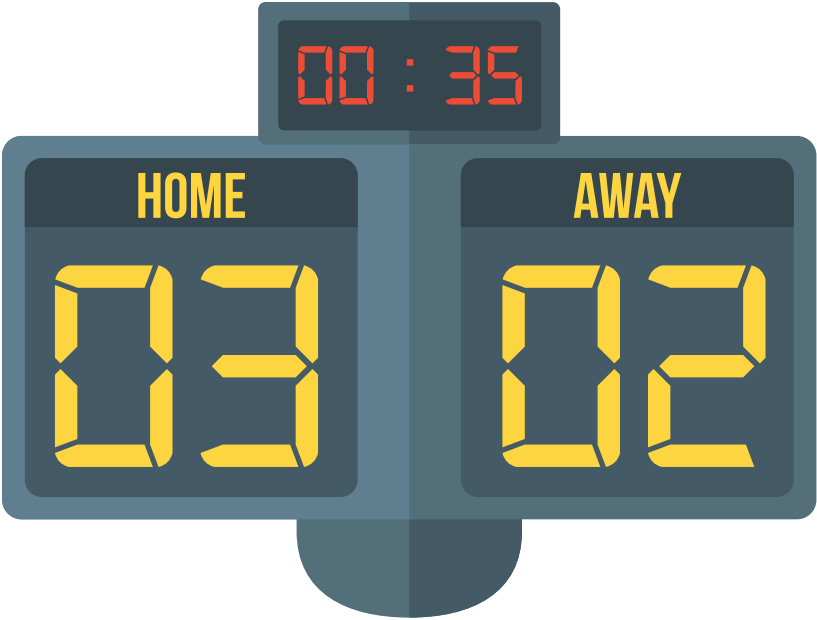
Grade 9 and Grade 10 PE **required** for graduation

**ATHLETIC LEADERSHIP**  
**9/10**

Students must apply to be accepted into this course which is designed to allow like-minded students the opportunity to expel interests in a range of athletic pursuits. The course runs in conjunction with PE 9/10 for a double block of time.

## OUTDOOR RECREATION 11/12

This program is taken in Grade 11 in conjunction with English 11 and in Grade 12 in conjunction with PE 12. It is designed to provide opportunities to gain knowledge and skills in outdoor recreation, community recreation and recreational leadership



**ELECTIVES**

Yoga for Wellness  
Active Living 11  
Active Living 12

Women's Health & Movement 11  
Women's Health & Movement 12

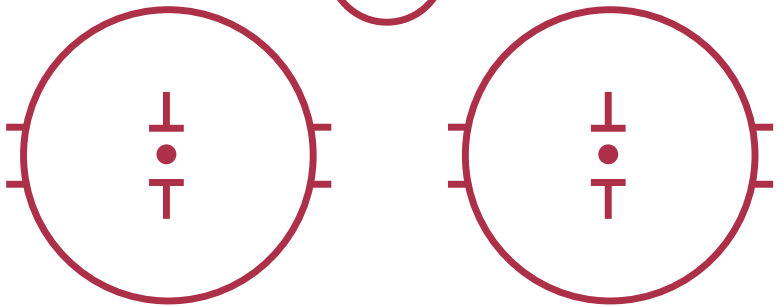
Fitness & Conditioning 11  
Fitness & Conditioning 12

**OR**

Fitness & Conditioning 12  
+ Kinesiology 120 **(Dual Credit)**



SPECTRUM HOCKEY PROGRAM



## HOCKEY SKILLS ACADEMY

Since the inception of the The Spectrum Hockey Skills Academy in 2005 participation has grown to over 90 student-athletes in grades 9 – 12. It is structured and dedicated to not only training and developing players to reach the next level in the sport of hockey, but also to support the academic and citizenship potential of every student-athlete. Both on-ice and off-ice programs are intensive in their design in developing hockey skills, tactics, physical strength, speed, endurance and mental performance.

Educators & instructors are passionate towards supporting each athlete in meeting their potential in academics, developing healthy lifestyle habits, and strong leadership skills as citizens in the community. Students selected to participate in Spectrum Hockey Skills Academy must provide evidence of good progress in their academic subject areas, socially responsible behavior, along with good work ethic and positive attitude.

