Imagine High

INTEGRATED ARTS & TECHNOLOGY SECONDARY

COURSE PLANNING GUIDE

Imagine High

INTEGRATED ARTS & TECHNOLOGY SECONDARY

Connect • Create • Contribute

Imagine High Arts and Technology Secondary School sits on the ancestral and unceded, shared territory of the Ts'elxwéyeqw, Sema:th and Pilalt Tribes, and our learning community is honoured to live, learn, work and play on this beautiful land.

Imagine is a public school of choice within the Chilliwack School District. Our campus brings to life the site of the former University of the Fraser Valley on Yale Road in Chilliwack. With the potential to house up to 700 students, Imagine High boasts music, maker, dance and art studios, shop, high-end theatre, culinary arts spaces, cutting edge technologies and a brand-new gymnasium to enhance student learning.

Aside from the outstanding facility, the school will offer an approach to teaching and learning that reflects current research in the areas of constructivist pedagogies, 21st Century learning environments, and the integration of arts and technology. **Learning at Imagine is supported by the BC Curriculum, the First Peoples Principles of Learning and current research on innovative learning environments.**

We value equity, inclusion and diversity. All learners are welcome at Imagine High. Using an experiential approach to teaching and learning, Imagine is grounded in community and equity practices. Imagine strives to position students as co-constructors of knowledge, creatives and change agents. Students graduate from Imagine with a standard BC Dogwood Diploma, and will be distinguished by their creativity and imagination, ability to collaborate, think critically and innovate for a hopeful future.

Chilliwack School District

Connect. Create. Contribute.

WHY IMAGINE?

- Integration of disciplines
- Collaborative, project-based & experiential
- Competency-based teaching & learning
- Integration of art & technology
- Inclusive pull-in support
- Flexible use of time & space
- Deep learning opportunities
- Multiple ways to demonstrate learning
- Community partnerships
- Authentic, meaningful work
- Industry-standard tools

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COURSES BY DEPARTMENT

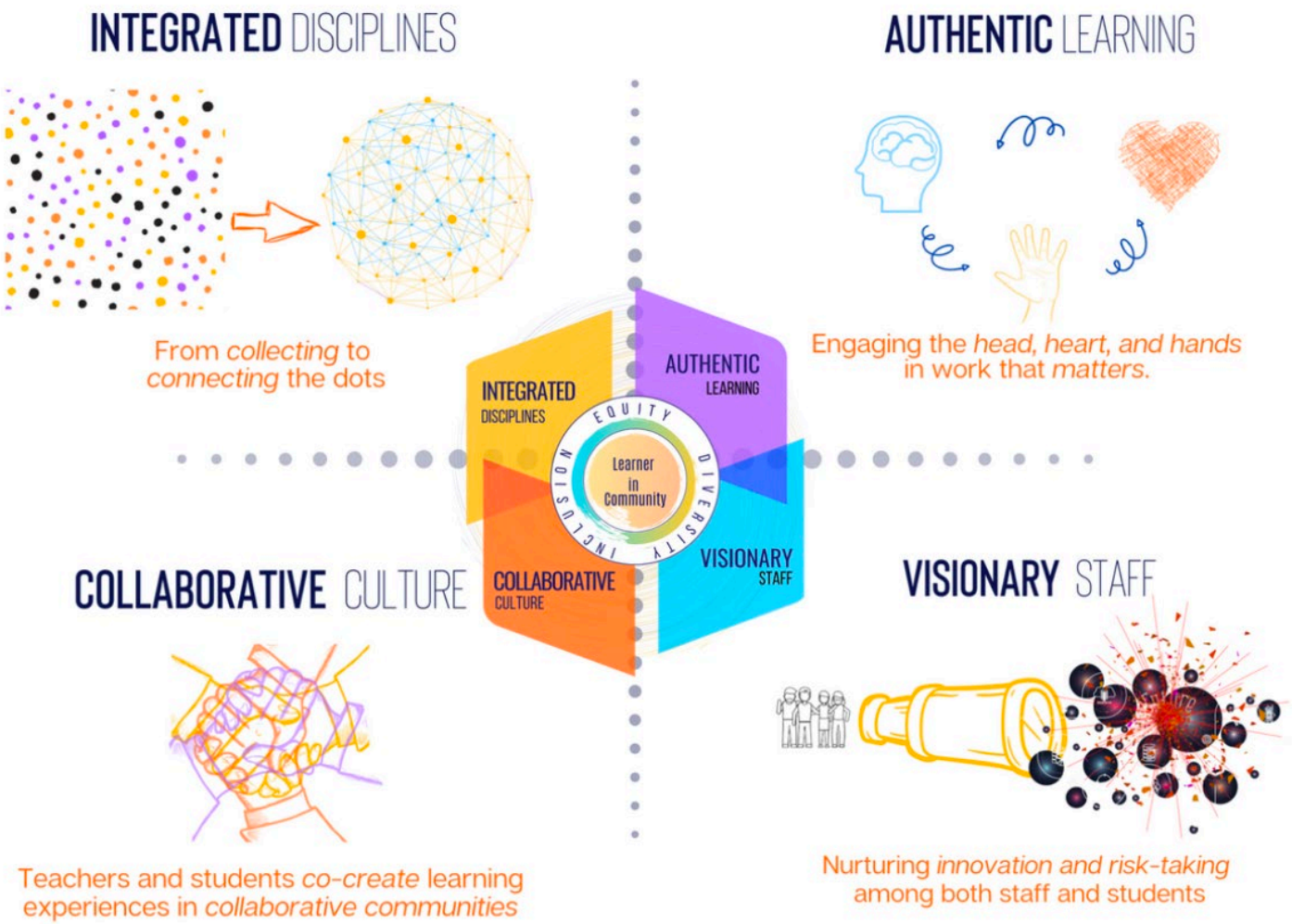
OT = Out of Timetable (course will be offered before or after school)

K-12 INTEGRATED ARTOS & TECHNOLOGY CHOICE STREAM IN SD 33

Imagine High is part of a family of the IAT choice stream in SD33. Students enrolled in the **Leary Art & Technology Elementary** and **A. D. Rundle Art & Technology Cohort** transition automatically to Imagine in Grade 9. There are also choice seats available for students across the district.

Student success, engagement, well-being and learning are at the core of our vision. We believe that students thrive in a learning environment in which multiple pathways are available for students' personal exploration, creativity, expression and inquiry.

Our Shared Four Pillars:



BC CURRICULUM & IMAGINE CURRICULUM PATH

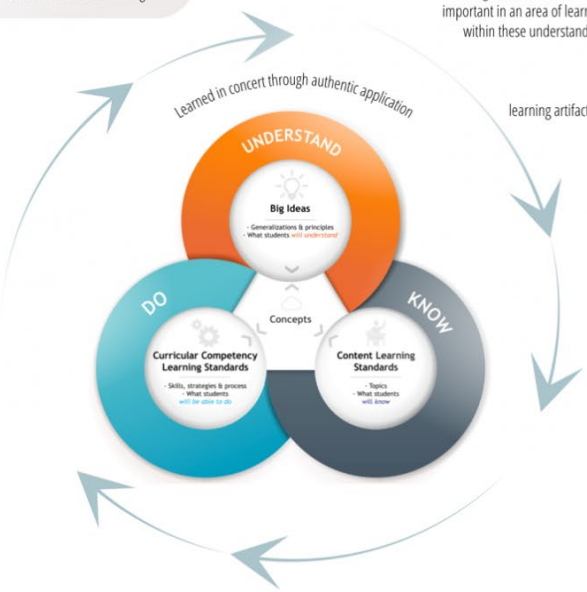
THE BC CURRICULUM

All areas of learning are based on a "Know-Do-Understand" model to support **a concept-based competency-driven approach to learning.** Three elements, the Content (Know), Curricular Competencies (Do), and Big Ideas (Understand) all work together to support deeper learning. At Imagine, communities plan and deliver instruction using universal design for learning. This approach helps us to get to know our students so we can respond to, plan and create space for diverse strengths and identities. We work to design learning experiences with multiple entry points to leverage strengths to engage students in any topic of study. This planning creates room for personalization and individualization of learning.

UNDERSTANDING- BIG IDEAS (COMPREHENSION)

The Big Ideas reflect the "Understand" and comprehend piece of learning and consist of the key concepts important in an area of learning. Instructional planning and assessment evaluates the relationships that exist within these understandings and uses the evidence gathered to establish where a student is on their continuum of learning.

Methods of evidence collection:
learning artifact/exhibition (presentations, performance, writing submissions, etc.)
design a solution
student portfolio & reflection



DO - CURRICULAR COMPENTENCIES (SKILLS)

Curricular Competencies reflect the "DO" and are the skills, strategies, and processes that students develop over time in the learning process through inquiry, self-assessment and iterating/prototyping skills. Ongoing assessment allows for critique and revisioning sessions which guide the learning process along with time to build skills.

Triangulation of evidence is the rigour:
multiple iterations - drafts/prototyping
designing problem solutions
applying concepts in real ways

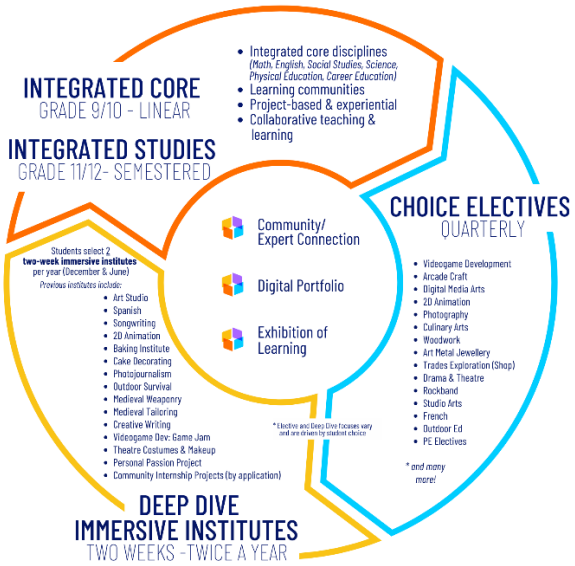
KNOW - CONTENT (FLUENCY)

Content reflects what students are expected to "Know" and is assessed on a continuum that brings rigour to learning and provides rich contexts for exploring essential topics and knowledge at each grade level. Teachers use evidence about student learning as base knowledge to inform their teaching, personalization and choice in learning goals and outcomes.

Methods of evidence collection:
teacher observation/conversation/conference
discussions/anecdotal comments
checklists/entry/exit tickets
checks for understanding

Imagine High
INTEGRATED ARTS & TECHNOLOGY SECONDARY

CURRICULUM PATH



INTEGRATED CORE
LINEAR

In the integrated core, learning is delivered through experiential interdisciplinary projects. Students build an understanding of learning strengths, explore thinking to build independence, and create powerful demonstrations of learning. A key focus is building community through shared real-world work. Projects are supported by learning partners and community.

CHOICE ELECTIVES
QUARTERLY

Electives at Imagine connect with and explore areas of interests and passion. Students select quarterly elective sessions in a variety of art and technology areas in order to build skills needed to showcase learning within the integrated core. Students deepen discipline specific skills by focusing on creative and artistic processes.

DEEP DIVES
TWICE YEARLY

Deep Dives are immersive institutes that offer opportunities for students to go deep into interests within passion areas. During the institutes, students collaborate with peers, teachers, experts, and community. These intensive learning opportunities support students to hone in on personal passion areas, explore careers, and learn with industry standard tools.

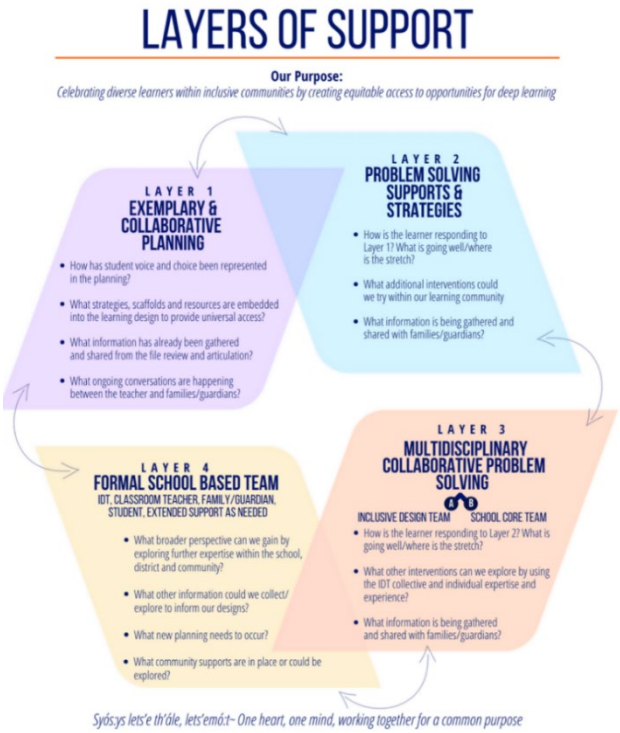
INCLUSIVE DESIGN TEAM & LAYERS OF SUPPORT

Student services are part of our Inclusive Design Team within each community at Imagine High. The Inclusive Design Team (IDT) are embedded in learning communities and collaborate to build access points and extensions within the classroom environment for all learners.

The Inclusive Design Team consists of:

- Learning Assistance Teachers
- Resource Teachers
- Teacher Counsellor
- Indigenous Education Assistant
- Indigenous Grad Coach
- Child Youth Care Worker

Students are supported in communities through layers of additional supports. Classroom teachers collaborate with students, families, school resources and community supports to build a personalized path of learning.



REPORTING & ASSESSMENTS

Current Policy VS Updated Policy

3 CURRENT POLICIES

K-9 OPTION A (INTERIM)

- 5 reporting events a year
  - 4 points of progress report
  - 1 summary of progress report at the end of year/semester
- 1 self-reflection of Core Competencies
- A scale at K-3
- District choice on scale or letter grades at grades 4-9

K-9 OPTION B

- 5 reporting events a year
  - 2 informal reports
  - 3 formal reports
- 1 self-reflection of Core Competencies
- Performance Scale at K-3
- District choice on scale or letter grades at grades 4-5
- Letter grades at 6-9

GRADES 10-12

- 5 reporting events a year
  - 2 informal reports
  - 3 formal reports
- Letter grades and percentage with written comments where needed

1 NEW POLICY

Updated K-12 Policy

- 5 reporting events a year
  - 4 Learning Updates (2 written; 2 of flexible format)
  - 1 Summary of Learning (written)
- Student self-reflection of the Core Competencies & student goal setting
- Provincial Proficiency scale and descriptive feedback in K-9
- Letter grades & percentages with descriptive feedback in 10-12
- Graduation Status Update at 10-12

GRADUATION REQUIREMENTS

To meet graduation requirements and be awarded a British Columbia Certificate of Graduation (Dogwood Diploma), students must have a minimum of **80 credits** in grades 10-12.

- **52 credits (minimum) from required courses** (see breakdown below)
- **28 credits (minimum) from elective courses**
- Of the 80 credits required to graduate, **at least 4 credits must have an Indigenous focus**. These credits can also count for other graduation requirements. **At Imagine High, students meet this requirement through English First Peoples 10, English First Peoples 11, English First Peoples 12**.
- **Three (3) ministry designed assessments**: Numeracy 10 Assessment, Literacy 10 Assessment, and Literacy 12 Assessment

SUBJECT AREA	CREDITS
REQUIRED COURSES	
English First Peoples 10	4
English First Peoples 11	4
English First Peoples 12*	4
Mathematics 10	4
Mathematics 11	4
Science 10	4
Science 11 or 12	4
Fine Arts and/or Applied Skills 10, 11, or 12	4
Social Studies 10	4
Social Studies 11 or 12	4
Physical & Health Education 10	4
Career Life Education 10	4
Career Life Connections 11 and 12	4
Total Credits (Required Courses)	**52**
ELECTIVE COURSES	
Grades 10-12 - Electives	28
Total Credits (Elective Courses)	**28**
Total Credits (Graduation)	**80**

***English First Peoples 12 fulfills the requirements for Language Arts 12.**

***Numerous post-secondary institutions require a second language at the Grade 11 level.** If you are unsure if you will need this to fulfill your plans, please speak with a career advisor or counsellor to check post-secondary entrance requirements.

*Students who are planning on enrolling at a post-secondary institution must **check the entrance requirements** for their desired program. Universities have different requirements, so please be careful to check the institutions you want to attend.

COURSE PLANNING

GRADE 9 STUDENTS NEED TO TAKE THE FOLLOWING:

Courses Required for Graduation

- ☐ **Humanities (English & Socials) 9**
- ☐ **Science 9**
- ☐ **Mathematics 9**
- ☐ **Physical and Health Education (PHE) 9**
- ☐ **Career Education 9**

Integrated Core Courses

Electives

**Choose at least one FINE ARTS course and one ADST course*

1. Elective **2. Elective**
3. Elective **4. Elective**

Deep Dive Selection Survey

**Choose one stream for course selections. Deep Dive Selections occur in the Fall & Spring.*

- ☐ FINE ARTS
- ☐ ADST – Applied Design, Skills, & Technology
- ☐ HUMANITIES
- ☐ MATH & SCIENCE
- ☐ PHYSICAL EDUCATION
- ☐ PERSONAL PASSION PROJECT

GRADE 10 STUDENTS NEED TO TAKE THE FOLLOWING:

Courses Required for Graduation

- ☐ **Humanities (EFP English & Socials) 10**
- ☐ **Science 10**
- ☐ **Mathematics 10 (Foundations of Math & Pre-Calculus 10 OR Workplace Math 10)**
- ☐ **Physical and Health Education (PHE) 10**
- ☐ **Career Education 10**

Integrated Core Courses

Electives

1. Elective **2. Elective**
3. Elective **4. Elective**

Deep Dive Selection Survey

**Choose one stream for course selections. Deep Dive Selections occur in the Fall & Spring.*

- ☐ FINE ARTS
- ☐ ADST – Applied Design, Skills, & Technology
- ☐ HUMANITIES
- ☐ MATH & SCIENCE
- ☐ PHYSICAL EDUCATION
- ☐ PERSONAL PASSION PROJECT

GRADE 11/12 INTEGRATED PAIRINGS

At Imagine High, Grade 11 and 12 learning is organized through Integrated Pairings. **This approach brings two courses together in one semester so students can explore big ideas in meaningful, connected ways**. Integrated Pairings help students make connections, stay engaged, and see the relevance (application) of their learning.

What are Integrated Pairings?

Integrated Pairings combine two subject areas into a shared learning experience. Students work with up to two teachers and course staff who design projects that connect curriculum outcomes across both courses. Learning is active, hands on, and rooted in real world contexts. Pairings are worth 8 credits towards the Graduation Path and are taught collaboratively by a team of two teachers.

How learning works

Students learn through project based, experiential, and community connected experiences. Instead of studying subjects in isolation, students see how ideas intersect and apply across disciplines. This helps deepen understanding and builds skills such as collaboration, problem solving, and creative thinking.

How pairings are created

Course pairings are shaped by student voice. Each year, our students' complete surveys that help determine which pairings will run. Elective timetabling is also driven by student interest, allowing programs to shift and respond to what students want to learn.

Types of pairings

Integrated Pairings can take several forms:

- Core course with core course
- Core course with elective
- Elective with elective

This flexibility allows students to build pathways that reflect their interests, goals, and graduation plans.

These examples of past Integrated Pairings show the wide range of possibilities:

- *Arcade Craft: Woodwork and Video Game Development*
- *Workplace Math and Woodwork*
- *Pre-Calculus and Physics*
- *English First Peoples and Earth Science*
- *English First Peoples and Social Justice*
- *English First Peoples and Philosophy*
- *English First Peoples and Theatre Company*

Pairings offered change year by year and are based on student interest.

GRADE 11 STUDENTS NEED TO TAKE THE FOLLOWING:

*Many courses are offered as **INTEGRATED PAIRINGS**. Offerings vary year by year and student interest.

Courses Required for Graduation

- ☐ **English First Peoples 11**
- ☐ **Mathematics 11 (Pre-Calculus 11 OR Foundations of Math 11 OR Workplace Math 11)**
- ☐ **Science 11 or 12**
- ☐ **Career Life Connections** (*all students will be automatically enrolled in this course)*

Electives/Additional Academic Courses

1. Elective **3. Elective** **5. Elective**
2. Elective **4. Elective**

Deep Dive Selection Survey

**Choose one stream for course selections. Deep Dive Selections occur in the Fall & Spring.*

☐ FINE ARTS ☐ ADST – Applied Design, Skills, & Technology
☐ HUMANITIES ☐ MATH & SCIENCE
☐ PHYSICAL EDUCATION ☐ PERSONAL PASSION PROJECT

GRADE 12 STUDENTS NEED TO TAKE THE FOLLOWING:

*Many courses are offered as INTEGRATED **PAIRINGS**. Offerings vary year by year and student interest.

Courses Required for Graduation

- ☐ **English First Peoples 12**
- ☐ **Social Studies 12**
- ☐ **Career Life Connections** (*all students will be automatically enrolled in this course)*

Electives/Additional Academic Courses

1. Elective **3. Elective** **5. Elective**
2. Elective **4. Elective** **6. Elective**

Deep Dive Selection Survey

**Choose one stream for course selections. Deep Dive Selections occur in the Fall & Spring.*

☐ FINE ARTS ☐ ADST – Applied Design, Skills, & Technology
☐ HUMANITIES ☐ MATH & SCIENCE
☐ PHYSICAL EDUCATION ☐ PERSONAL PASSION PROJECT

***Students meet the 4 credits Indigenous focus requirement through EFP English 10, English First Peoples 11, English First Peoples 12**

EXTERNAL COURSE CREDITS

Students can earn credit for accomplishments outside of the regular classroom setting. Examples include ICBC approved Driver Education course, Bronze Cross, Royal Conservatory of Music, Girl Guides, external Sport Credential Program courses, and many more! For a full list of creditable activities and the specific requirements necessary to be granted external credits, please refer to the Ministry website: **http://www.bced.gov.bc.ca/graduation/ext_credentials/ext_cred.php** or talk to your counsellor.

SPECIALTY PROGRAMS

VIDEO GAME PROGRAM

DEEP DIVES

Deep Dives are dynamic and engaging immersive learning institutes that offer opportunities for students to go deep into interests within specific arts and technology focus areas. During the institutes, students collaborate with peers, teachers, experts, and community creatives to partner on real-world projects and problems. These intensive learning opportunities support students to home in on personal passion areas, prepare for internships/work experience, and learn with industry standard tools. Deep Dive experiences prepare students for self-directed personalized learning projects at the Grade 11/12 level. During Deep Dive Institutes, learning in the integrated core and elective sessions are paused.

Offerings change yearly based on student interest. Past Deep Dive examples include *Fashion Design, Medieval Weaponry/Tailoring, Theatre Make-up, Baking Institute, Videogame Development, Philosophy & Film, Childcare 101, Songwriting, Musical Theatre, Photography, Outdoor Wilderness Survival and many more!*

Students receive TWO elective credits for successful completion of Deep Dives. Students will select a Deep Dive Stream Survey from the stream selections below. In the fall and spring, students will select from Deep Dive offerings.

DEEP DIVE STREAM DESCRIPTIONS

FINE ARTS:
The Arts Education curriculum strives to encourage students' artful habits of mind through engaged arts learning. Art-focused Deep Dives would focus on one four core discipline-specific programs: **dance, drama, music, and visual arts**. *Example - Art Studio, Popping Pixels, Painting, Songwriting, etc.*

ADST - Applied Design, Skills & Technology:
The ADST curriculum is an experiential, hands-on program of learning through design and creation. ADST-focused Deep Dives would focus on one from the existing disciplines of: ***Business Education, Home Economics and Culinary Arts, Information and Communications Technology, and Technology Education*****.** *Example - Medieval Weaponry, Shopcraft, Game Jam*

HUMANITIES:
The humanities curriculum is designed to empower students by providing them with strong **historical understandings, communication skills, an understanding and appreciation of language, history and literature**, and the capacity to engage fully as literate and responsible citizens in a digital age. Students are guided in their learning to think critically, creatively, and reflectively; to construct a sense of personal and cultural identity; and to be respectful of a range of perspectives and worldviews. *Example - Comparative Religion, Creative Writing, Classic Horror Literature*

MATH & SCIENCE FOCUS:
Math and scientific skills are essential for solving problems in most areas of life and are part of human history. All peoples have used and continue to use mathematical and scientific knowledge and competencies to make sense of the world around them. *Example - Astrophysics, Nature Journalling*

PHYSICAL EDUCATION:
The PHE curriculum focuses on well-being — the connections between **physical, intellectual, mental, and social health**. The rationale and goals of PHE justify combining physical and health education as a means to promote and develop all aspects of well-being. *Example - Outdoor Ed, PE Leadership*

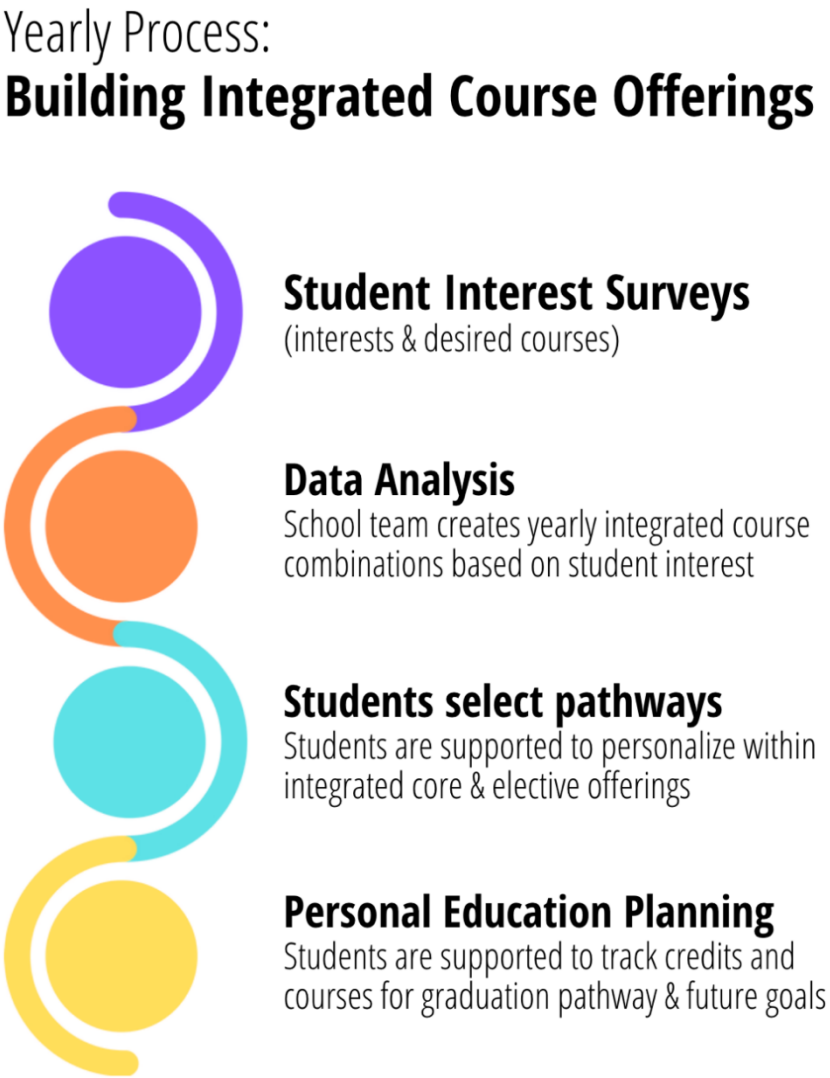
PERSONAL PASSION PROJECTS:
Students in Grade 10-12 may submit a Personal Passion Project application by the deadlines below. Approval depends on fulsomeness of application/planning and teacher references. Applications available at Welcome Centre

COURSE DESCRIPTIONS

At Imagine, students engage in integrated studies for their core classes. Integrated Core/Integrated Studies are the integrated delivered through experiential interdisciplinary projects.

Listed courses will be offered in strands and available course offerings will be determined by student interest.

Students build an understanding of their learning strengths, develop interests, explore their thinking to build independence, and create powerful demonstrations of learning. A key focus is building community through shared work. Projects have a real-world connection and are supported by learning partners and community. Through these projects, students will find opportunities to connect, create, and contribute to school and beyond.



ACTIVE LIVING

ACTIVE LIVING 11-12

Active Living 11 is directed at students who enjoy physical education, but who may not be an athlete or participate in extracurricular teams. This course will expose students to a fitness program, outdoor field activities and indoor individual and team sports. The course introduces students to recreational activities not covered in PHE 9 & 10. Evaluation is based upon effort, sportsmanship and class participation. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

FITNESS & CONDITIONING 11-12

Fitness & Conditioning 11-12 is a course for students interested in learning about and participating in a variety of recreational fitness activities such as spin classes, Pilates, cardio kickboxing, Zumba, and a variety of strength and conditioning activities and training. Outside guests may be invited to share their knowledge and expertise pertaining to fitness, strength, and flexibility goals. An emphasis for this class will be to motivate students through participation in non-threatening, non-competitive activities in a supportive and encouraging classroom environment. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

MINDFULNESS & MOVEMENT 11-12

This course will participate in gentle forms of mindful movement, such as yin yoga. Students will explore various breathing techniques to learn how to manage stress and to regulate emotions. Students can expect to experience improvements in concentration, focus, and productivity as well as quality of sleep. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

PE LEADERSHIP 11-12

This course is designed to develop tomorrow's leaders in their school and community. Students that take this course organize school events including intramurals, tournaments, ref/score keep at school sporting events, and promote school spirit and culture. This course is based on volunteer hours; students need to contribute lunch and after school hours to assist in school-wide functions. Through this course, students will learn and effectively demonstrate interpersonal skills necessary for leadership. Students will demonstrate the organizational skills required to conduct activity programs for other people to enjoy. PE Leadership is a fun, interactive and beneficial course; however, it requires dedication, commitment, and many extra hours of time outside of class. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

PHYSICAL & HEALTH EDUCATION 9-10

The emphasis for PE 9 will be on demonstrating movement concepts, skills, and strategies through a variety of physical activities, games and sports. Students will learn rules and guidelines for different types of sports and activities. The health components explore lifestyle habits and how they can affect health and performance, support wellness, and explore healthy lifestyles. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

OUTDOOR EDUCATION 9-12

Experiential learning is a powerful way for students to grow their self-awareness, deepen their understanding of the natural world and inspire a sense of responsibility for protecting it. Through outdoor experiences, students learn to problem solve, work collaboratively, and build their leadership skills. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

CAREER EDUCATION

CAREER EDUCATION 9

Career Education 9 is designed to prepare students for their studies in high school. Through personality tests, self-reflection, and online research, students will consider a career of interest to them and explore selected career pathways. There will be opportunities for students to connect with our trades and work experience coordinators to further their career experiences.

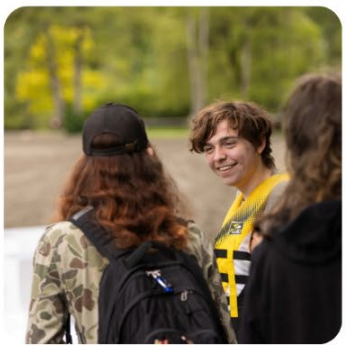
CAREER LIFE EDUCATION 10

This is a four-credit course required for graduation, where students will continue to build on the skills developed in Career Education 9 and use myBlueprint and a digital portfolio to better understand their options when it comes to course planning and educational opportunities here at Imagine High. Resumes, cover letters, interviews, and career conversations will be the focus of this course. Students will understand taxes, budgeting, car ownership, lines of credit, student loans, home ownership, educational opportunities, career opportunities, conflict resolution, and interpersonal skills to prepare for their Capstone project in Grade 12.

CAREER LIFE CONNECTIONS 12 (Graduation Requirement)

Students utilize the myBlueprint platform for creating a digital portfolio that can be accessed throughout high school. Career Education includes various guest presentations, career fairs, course planning sessions and other career related learning experiences. These will be captured in the students' portfolio. It is important for this capstone component to be student driven and future-oriented, with the intent to connect personal strengths and interests with plans for post-graduation and community opportunities.






ENGLISH

ENGLISH 9 (HUMANITIES ENGLISH 9)
Students will work to improve their communication skills and develop an understanding and appreciation of language and literature. Students will develop the capacity to engage fully as literate and responsible citizens in a digital age. Students will learn to think critically, creatively, and reflectively; to construct a sense of personal and cultural identity; and to be respectful of a range of perspectives and worldviews. In this course, students will explore topics in New Media, Creative Writing, and Literature Studies.

ENGLISH FIRST PEOPLES 10-12
EFP is designed for students who are interested in studying First Peoples literature and examining the evolving role of technology in today's society; especially the increasing importance of digital media in communicating and exchanging ideas and engaging in social advocacy. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own writing and communication. *This course is offered at the Grade 10-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

COMPOSITION 11-12
Composition is designed for students who have an interest in creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres, including poetry, short fiction, non-fiction, drama, and others. Within a supportive community of writers, students will collaborate and develop their skills through writing and design processes. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

CREATIVE WRITING 11-12
Creative Writing is designed for students who have an interest in creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres, including poetry, short fiction, non-fiction, drama, and others. This course is intentionally grounded in the sampling of writing processes, inviting students to express themselves creatively as they experiment with, reflect on and practice their writing. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

ENGLISH FIRST PEOPLES WRITING 11-12
Students study First Peoples literature and use writing for self-expression and communication in a variety of contexts. Students delve deeply into First Peoples oral and written literature in a range of media to explore various themes, authors, and topics. This provides a foundation for them to think critically and creatively as they continue to explore, extend, and strengthen their own writing. Students work individually and collaboratively to explore oral and written literature and create powerful, purposeful compositions. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

HUMAN SERVICES

PSYCHOLOGY 10

Psychology is fascinating because it is so complex and diverse! This course is designed to introduce students to the study of behavior and mental processes of humans. This course explores some of the major domains of psychology, including perspectives used to understand behavior, structure and function of the brain, stress, sleep, learning, development, and psychological disorders. There is emphasis on activity-based learning, where context knowledge is applied through discussion and meaningful activities involving the community.

PSYCHOLOGY 11-12

Why do we think the way we do? What shapes our emotions, choices, and relationships? Psychology 11-12 explores the science behind human behaviour, from the brain and memory to personality, motivation, and mental health. Building on Psychology 10, students examine real-world questions, research, and case studies to better understand themselves and others to develop insight, empathy, and skills that are valuable in everyday life and future studies. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

LEADERSHIP 9-12

Leadership provides students with the opportunity to develop and practice skills which will help them to become socially responsible community members. Students will learn various methods and techniques for planning, implementing, and evaluating projects related to school and/or community activities. It is through creating and running these activities that students will learn and practice concepts and skills of leadership. A strong focus will be on cooperative leadership and inquiry-based learning. Among other elements of effective leadership, students will focus on developing self-awareness, public speaking skills, teamwork skills, improving time management, organization, and communication skills. Leadership students will feel confident when they have to problem solve or think outside the box. They will be able to voice their perspectives and concerns on issues that matter to them. Ultimately, they will make a difference in their schools and community. *Leadership is an Out of Timetable course that meets either before school, after school, or at lunch. Due to this course being off the timetable, students will occasionally need to complete projects and prepare for events on their own time. This will require a full commitment to developing personal time management skills, especially leading up to events and when balancing extracurricular and personal commitments.*

HOSPITALITY/HOME ECONOMICS

CULINARY ARTS 10-12

Students will use the applied design process to explore skills that lead to culinary best practice and mastery of the principles of cooking methodology. Students will have a chance to design and consider the artistic elements of culinary arts along with demonstrating and assessing their service skills and skill levels. Service and creativity inform the culinary arts which leads to student voice in creating, cooking and improving recipes while identifying and applying the appropriate safety measures, tools and technologies for culinary tasks. *This course is offered at the Grade 10-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

FASHION DESIGN/TEXTILES 9-12

This course supports students to use design thinking to enhance and create unique textile items. Students will learn about "upcycling"—taking a ready-made garment and turning it into a new creation - this is a great course for those who want to learn to create "me-made" garments and other textile items. This course is designed to develop a variety of new skills and techniques. We will explore the world of textiles, covering topics including, but not limited to tailoring, textiles arts and crafts techniques, fashion and costume history, and the completion of garments and other projects. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

FOOD STUDIES 9-10: Level 1

Food Studies will build on students' natural curiosity, inventiveness, and desire to create and work in practical ways. Students will become food safety experts and explore the foundations of food preparation, food preparation techniques, nutrition and healthy living, food ethics, career opportunities in the food industry, and the social, economic and cultural influences of food choices. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

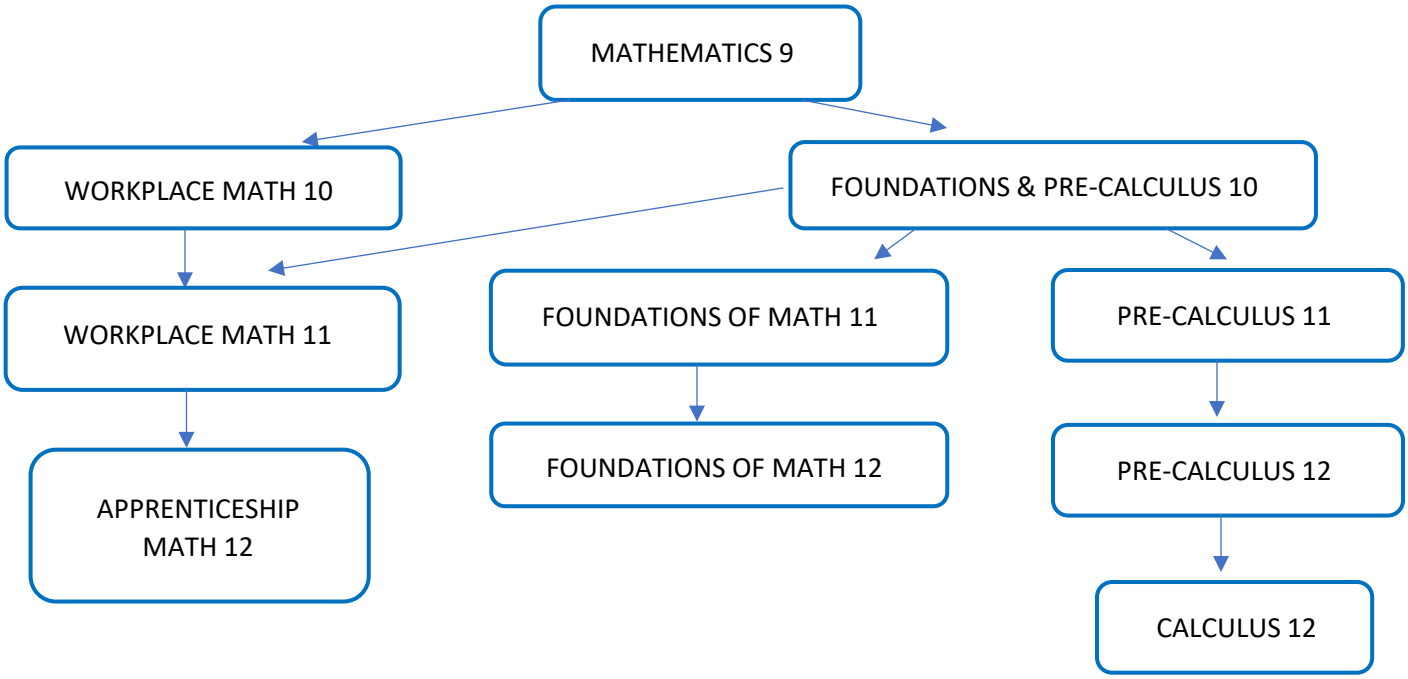
FOOD STUDIES 11-12: Level 2-3

This course is designed to take your cooking skills to the next level. Students will experiment with a variety of cooking tools, ingredients, and processes to create and refine food products. Through opportunities for meal and recipe design, students will deepen their understanding of the components of recipe development and experience the challenge of incorporating ingredients to create innovative food products. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

TOURISM 11-12

Tourism is an exciting course that explores the world of travel, hospitality, and adventure. You'll learn about how tourism impacts economies, cultures, and the environment, both locally and globally. This course covers everything from popular travel destinations and cultural tourism to sustainable travel practices and ecotourism. You'll also dive into the different careers available in the tourism industry, like event planning, hotel management, and travel services. Throughout the course, you'll participate in hands-on activities like field trips, group projects, and role-playing exercises to build your skills in customer service, marketing, and communication. You'll hear from guest speakers and explore real-world case studies to better understand the industry. Whether you're interested in working in tourism or just love to travel, this course will give you valuable insights and skills for the future. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

MATHEMATICS



Math Pathways – Grade 10-12

Beginning in Grade 10, the math curriculum offers three different pathways. The goals of all three pathways are to provide pre-requisite aptitudes, knowledge, skills and understanding for specific post-secondary programs or direct entry into the workforce. All three pathways provide students with mathematical understanding and critical thinking skills. It is the choice of topics that varies among pathways. When choosing a pathway, students should consider their interests, both current and future so that the pathway they choose will be the one to engage them in their studies.

- The *Workplace* Mathematics Pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry in the majority of trades and for direct entry into the work force. The final course on this path is Apprenticeship Math 12.

- The *Foundations of Mathematics* Pathway seeks to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus.

- The *Pre-Calculus* Pathway provides students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus and sciences.

Students should consider carefully which Math course they wish to take. You should consult with your math teacher or the counsellor and look into the requirements for your projected career or post-secondary education program. In choosing the Math course for you, look at your history of success in previous Math courses.

Streams are not transferrable, meaning that if you took Workplace Math 10, it does not lead to Foundations 11 or Pre-Calculus 11. Each stream is different, just like Biology 11 doesn't lead into Chemistry 12. Because post-secondary institutions and programs differ in the Math required for entry, it is wise to research the entrance requirements for the specific institutions and programs you are considering.

Mathematics (through to Grade 11) is a requirement for graduation. After completing Mathematics 9, students have a choice of different mathematics at the Grade 10, 11, and 12 levels.

** It is recommended that students who are planning on enrolling at a post-secondary institution **check the entrance requirements** for their desired universities and programs. Universities have different requirements, please be careful to check the universities you want to attend. If you are unsure, please speak with the counsellor to check post-secondary entrance requirements*

MATHEMATICS 9

Mathematics 9 is the last common Mathematics course that all students will study. The goal of the course is to continue to develop the students' numeracy and computation skills through concepts such as financial literacy, statistics, and proportional reasoning. However, greater emphasis will begin to be placed on algebraic and abstract thinking through concepts like solving two variable relations, operations with polynomials, and introduction to the exponent laws.

APPRENTICESHIP MATH 12

This course builds on topics from Workplace Math 11 and is intended for students who want to directly enter the workforce or join certain trade fields. Topics include measurement, conversions, trigonometry, 2D and 3D geometry, isometric and orthographic projection, mathematics in the workplace, and financial literacy. This course is not a graduation requirement.

CALCULUS 12

A course designed to explore rates of change; Calculus is integral to understanding much of the world around us. Calculus can be used in space exploration, computer science, engineering, medicine, pharmacology, business, and even music! Calculus allows us to analyze results from the past and to predict the future - with math! This course is recommended for students intending to study science, math, or engineering in university, and is an entrance requirement for some universities in Eastern Canada.

FOUNDATIONS & PRE-CALCULUS 10

This course is intended to prepare students for both the Foundations of Math and the Pre-Calculus pathways in grade 11/12. Topics include algebra, operations with powers, polynomials, linear functions and relations, and trigonometry. Most grade 10 students will take Foundations and Pre-Calculus 10.

FOUNDATIONS OF MATH 11

This course builds on the logical reasoning and statistical analysis skills developed in Foundations and Pre-Calculus 10 and is intended for students who want to study university humanities, social science, and fine arts, as well as some non-degree trades and professional programs. Topics include mathematical reasoning, angle relationships, linear inequalities, quadratic functions, applications of statistics, scale models, and financial literacy. Most universities will accept this course as a minimum requirement for entry into non-calculus programs (UBC requires Pre-Calculus 11).

FOUNDATIONS OF MATH 12

This course is intended for students who want to study university humanities, social science, and fine arts, as well as some non-degree trades and professional programs. It builds on topics begun in Foundations of Math 11. Topics include constructions, conics, fractals, graphical representations of functions, regression analysis, combinatorics, probability, and financial planning. Foundations 12 is a minimum entry requirement for all non-calculus based UBC programs.

PRE-CALCULUS 11

This course expands on the algebraic thinking developed in Foundations and Pre-Calculus 10 and is intended for students entering university programs that require the study of theoretical calculus, including most science, economics, and engineering programs. It is a rigorous course, and topics include real numbers, powers and radicals, rational expressions and equations, quadratic functions and equations, linear and quadratic inequalities, trigonometry, and financial literacy. Pre-calculus 11 is pre-requisite courses for many university science, engineering, and economics programs

PRE-CALCULUS-12

This course builds on the algebraic thinking skills developed in Pre-Calculus 11 and is intended for students entering university programs that require the study of theoretical calculus, including most science, economics, and engineering programs. It is a rigorous course, and topics include transformations of functions, exponential functions and equations, geometric sequences and series, logarithms, logarithmic functions and equations, polynomial functions and equations, rational functions, and trigonometric functions, equations, and identities.

WORKPLACE MATH 10

This course is intended for students who want to directly enter the workforce or certain trades programs and leads to Workplace Math 11. Topics including creating and interpreting graphs, trigonometry, measurement, surface area and volume, central tendency, probability, and financial literacy.

WORKPLACE MATH 11

This course builds on the critical thinking and practical mathematics skills introduced in Workplace Math 10 and is intended for students who want to directly enter the workforce or certain trades programs. Topics include financial literacy, rate of change, probability in context, interpreting graphs in society, and 3D geometry.

MODERN LANGUAGES

FRENCH 9-10

Students will have the opportunity to develop and apply knowledge of French to improve listening, speaking, reading and writing. Diverse themes will be studied to develop proficiency through reading and storytelling and will serve as a guide to various written and oral activities. Students will understand and speak French through class discussions, partner conversations, projects, presentations and collaboratively engaging with the language. Students will also develop their cultural awareness of various French-speaking communities around the world and will develop a deeper understanding and appreciation of these Francophone communities. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

FRENCH 11-12

French 11 and 12 bring the language to life through stories, games, and real communication. Students build confidence in speaking, listening, reading, and writing by creating and exploring stories, playing interactive games, and using French in meaningful, low-stress ways. With an emphasis on connection, creativity, and cultural understanding, this course helps students use French as a living language while developing skills that transfer to travel, careers, and global citizenship. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

HALQ'EMÉYLEM 10

In this course, students will focus on the Upriver - Halq'eméylem language spoken by the Stó:lō people, more specifically the Ts'elxwéyeqw, Pelólhxw, Semá:th, and Tait peoples, on whose land our communities live, work, and go to school. Students will actively engage in and gain insight into Stó:lō culture, be inspired through the development of intercultural understanding, and join in Indigenous language revitalization while being exposed to a variety of vocabulary, such as self-introduction, greetings, place names and their meanings, to name a few. The language will be taught through a variety of strategies, like games, sound repetition, TPRS, quizzes/tests, graphic art, and music. Successful completion of this foundational course prepares students for progression into higher levels of study in Halq'eméylem and Stó:lō learning. Apart from the benefits that Halq'eméylem language education provides First Nations People, it will also benefit non-Indigenous students living in our diverse communities. This course welcomes all students.

SPANISH 9-11

This course is offered as a Deep Dive. Spanish 9-11 offers a balanced approach to meaningful second language learning. While continuing to examine topics that are relevant to everyday life, students will be engaged in both oral and written activities that will enhance their fluency. Students will also delve into aspects of Spanish culture from around the world. Students will broaden their language skills and understanding of Spanish culture through various forms of media. Spanish 11 often meets university entrance language requirements.

SCIENCE

SCIENCE 9

Science 9 involves the study of the following topics: Mitosis and Meiosis, Atomic Theory and the Periodic Table, Electricity, and Biosphere Processes. Upon successful completion of Science 9, students are promoted to Science 10.

SCIENCE 10

Science 10 involves the study of the following topics: DNA and genetics, chemical reactions and nuclear radiation, Energy Transfer, and Space Science. Upon completion of Science 10, students may choose courses in specific science fields in grade 11.

ANATOMY & PHYSIOLOGY 12 (formerly Biology 12)

Anatomy and Physiology build on the biology skills from Life Sciences 11 and explores the structures, processes, and patterns found in individual organisms. This course is broken into two principal areas: Cell biology (cell structure, cell components, biological molecules, DNA replication, protein synthesis, cell membrane transport, and enzymes) and human biological systems (digestive system, circulatory system, respiratory system, nervous system, urinary system, and reproductive system). This course will be of particular interest to students planning to enter medicine, healthcare, sports, biology, or animal-related fields. This course is a pre-requisite for some university science and technical programs.

CHEMISTRY 11

This is a survey course that will introduce students to some of the major concepts in chemistry. Topics include lab skills and processes, the nature of matter, nomenclature, chemical reactions, the mole concept, stoichiometry, solution chemistry, and organic chemistry. Activities may include lab work, class discussions, mathematical modelling, readings, and projects. This course will be of interest to students interested in careers in healthcare, engineering, biology, forensics, and many other science-related fields. This course is a prerequisite for most university science and engineering programs.

CHEMISTRY 12

Chemistry 12 builds on the skills we began in Chemistry 11, further exploring the interactions of matter at the atomic level. Big ideas for this course include reaction kinetics, dynamic equilibrium, solubility equilibrium, acids and bases, and oxidation-reduction reactions. Activities may include lab work, class discussions, mathematical modelling, readings, and projects. This course will be of particular interest to students interested in medicine, engineering, forensics, and healthcare-related professions. This course is a pre-requisite for most university engineering programs and some university science programs.

EARTH SCIENCE 11

There is no better place on Earth to learn about rocks and minerals, geologic processes, plate tectonics, oceans and space than right here in British Columbia. Learn about local mountains and far away oceans as we discover what makes Earth amazing. Earth Science includes the study of: **Geology** - the history of planet Earth, and processes which build up and wear down the Earth's crust. Topics include plate tectonics, volcanism, earthquakes, weathering and erosion and Earth resources, **Oceanography** – an overview of Earth's oceans. This includes surface and deep ocean currents, topography of the ocean floor, and the influence of oceans on Earth's landmasses, **Meteorology** – Earth's atmosphere and weather, including weather forecasting and climate changes and **Astronomy** – the neighborhood beyond Earth. Topics include the solar system, the sun, and space exploration.

ENVIRONMENTAL SCIENCE 11

Environmental Science 11 explores two big ideas: The survival of all living things on Earth is dependent on biodiversity, and healthy and sustainable ecosystems support biodiversity. We also focus on humans as agents of change in this world, and how we can apply responsible personal and community actions that help to support/reclaim biodiversity, both locally and globally. Students will carry out several lab investigations that test the health of our local ecosystems (water quality, soil composition, water turbidity, species inventory, etc.) and will carry out inquiry-based projects, investigations and case studies that explore the application of this sort of data in a variety of settings.

GEOLOGY 12

Geology 12 begins the pathway to pursuing a diploma or degree in natural resources, or students interested in the geological history of Earth and its processes. Geology 12 explores and expands on materials, processes, and the history of our planet, including the history of life on Earth through the fossil record. Topics include minerals, igneous rock, volcanoes, surface processes, sedimentary rock, geologic time and fossils, plate tectonics, earthquakes, earth's interior, folds and faults, metamorphic rocks, and hydrology processes. This course will be of particular interest to students interested in natural resource management, environmental and geological engineering, forestry, land use management, and disaster management.

LIFE SCIENCE 11 (formerly known as BIOLOGY 11)

Life Science 11 introduces students to the study of biology and the foundational concepts needed for further study in fields like science, healthcare, medicine, and kinesiology. Big ideas include cell biology, evolution, and methods of categorizing life. Students will keep an ongoing field journal and conduct long-term studies, as well as traditional lab work, dissections, and readings. Be prepared to spend time outside. This course is a pre-requisite for some university science programs.

PHYSICS 11

Physics 11 is the study of the motion and behavior of matter and energy, and Physics 11 introduces students to how we use mathematics to model the world around us. Physics is essential for students entering the fields of engineering, physical sciences, and most trades. Big ideas include kinematics (general motion), forces, energy (including electric circuits), and waves. This course has an emphasis on hands-on labs and mathematical problem solving. This course is a pre-requisite for most university science and engineering programs.

PHYSICS 12

Physics 12 continues the work started in Physics 11, seeking to describe our world around us by using the languages of mathematics and science. Physics 12 is suitable for students who have a particular interest in Physics or who plan to continue in science or engineering. Physics 12 involves graphical methods, vectors, kinematics, dynamics, work, energy, and power, momentum, equilibrium, circular motion, gravitation, electrostatics, and electromagnetism. Students will combine hands-on lab work with mathematical modeling and problem solving. This course is a pre-requisite for most university engineering programs and some science programs.

SCIENCE FOR CITIZENS 11

This class helps students have a real understanding of how scientific knowledge will help them in their daily lives, how scientific methods and discoveries impact the world around them, and how personal actions as well as other's actions affect human lives locally and globally. This class has great opportunities for students to observe the world around them, and to learn how to judge the validity of the claims they hear in their personal lives.

SPECIALIZED SCIENCE 12: ASTRONOMY

Dive deep into the mysteries of the universe! This course will combine topics from Earth Science, Physics, and Chemistry to explore the creation of the universe, the formation of our solar system, the physics behind the motion of celestial objects, the observational tools scientists use to identify and study distant objects, and more. This course counts as a senior science credit.

SOCIAL STUDIES

SOCIAL STUDIES 9

Social Studies students are required to demonstrate competency in the "Big 6 of Historical Thinking": significance, evidence, continuity and change, cause and consequences, historical perspective, and ethical judgement. Content is used as a vehicle to develop competencies. Social Studies 9 examines Canada and its connections with events transforming Europe and the Americas between 1750 and 1914. Course themes will include the rise of radical and democratic movements and Canada's emergence through rebellion, reform, confederation, and the National Policy. Students will also learn how technological innovation and immigration transformed the continent, and how people, place, and culture have interacted to give rise to the unique regions of Canada. The development of reading, writing, and critical thinking skills will be essential focuses of the course.

SOCIAL STUDIES 10

Social Studies 10 examines Canada from 1914 to the present. Course themes will examine the interrelations between economics, law, society, culture, politics, and global concerns. Social Studies 10 will examine how local, national, and global conflicts can have lasting effects on the contemporary world. Students will gain an understanding of how political decision making and societal change in Canada are influenced by interactions between individuals, groups, institutions, regional interests, and the environment. Students will examine how developments in Canadian society can be viewed in many ways depending on an individual's worldview or perspective.

20TH CENTURY WORLD HISTORY 12

History 12 provides students with an introduction to 20th century world history with a particular emphasis on world conflicts and their impact on people. In addition to learning about historical events, students will be guided through various activities designed to further develop their skills in analysis and interpretation. The course consists of four units that address the three big ideas of the curriculum. 1. Nationalist movements can unite people in common causes or lead to intense conflict between different groups. 2. The breakdown of long-standing imperialist structures created new economic and political systems. 3. The rapid development and proliferation of communication and transportation technologies in the 20th century led to profound changes in personal and national identities.

BC FIRST PEOPLES 12

BC First Peoples 12 looks at how the identities, worldviews, and language of BC First Peoples are renewed, sustained, and transformed through their connection to the land. Students will investigate how the impact of contact and colonialism continues to affect the political, social, and economic lives of BC First Peoples. Students will study how cultural expressions convey the richness, diversity, and resiliency of BC First Peoples. Students will gain an understanding of how, through self-governance, leadership, and self-determination, BC First Peoples challenge and resist Canada's ongoing colonialism.

COMPARATIVE CULTURES 12

This course addresses the various definitions of culture, and how these have changed over time. Issues of power, authority, and conflict within and between different cultures will be addressed, as well as the various value systems that underpin the wide range of cultural expressions in art, music, architecture, literature, and religion.

CONTEMPORARY INDIGENOUS STUDIES 12

This course examines the identities and world views of Indigenous Peoples throughout the world. Issues of resilience and survival in the face of colonialism form a key part of the course. The question of how to restore balance through healing and reconciliation will be addressed.

HUMAN GEOGRAPHY 12

This course explores how language, religion, and landscape affect the physical environment. Also, how geography, weather, and location affect customs and lifestyle. Students will explore the diverse ways in which people affect the world around them and how they are affected by their surroundings. Students will discover how ideas spread and cultures form and learn how beliefs and architecture are part of a larger culture complex. In addition to introducing students to the field of Human Geography, this course will teach students how to analyze humans and their environments.

PHILOSOPHY 12

Philosophy 12 explores the ways we think, learn, believe, and exist. As a class, we will examine the fundamental nature of knowledge, reality, and existence. To do this, we will develop the tools that allow us to investigate and understand our world and to foster an understanding of different ways of thinking. Students will think, talk, and write in order to examine the topics that help us question our assumptions and better understand our beliefs. We will develop our critical, analytical, and problem-solving skills in the context of a multitude of questions. Considering how many philosophical questions deal with issues without definitive answers, we will also explore logic and reasoning to help us arrive at informed conclusions. Areas of focus include methods of reasoning and argument in philosophy, metaphysical theories about the nature of reality, theories about knowledge and truth, social and political philosophy, and theories of morality, ethics, and beauty.

PHYSICAL GEOGRAPHY 12

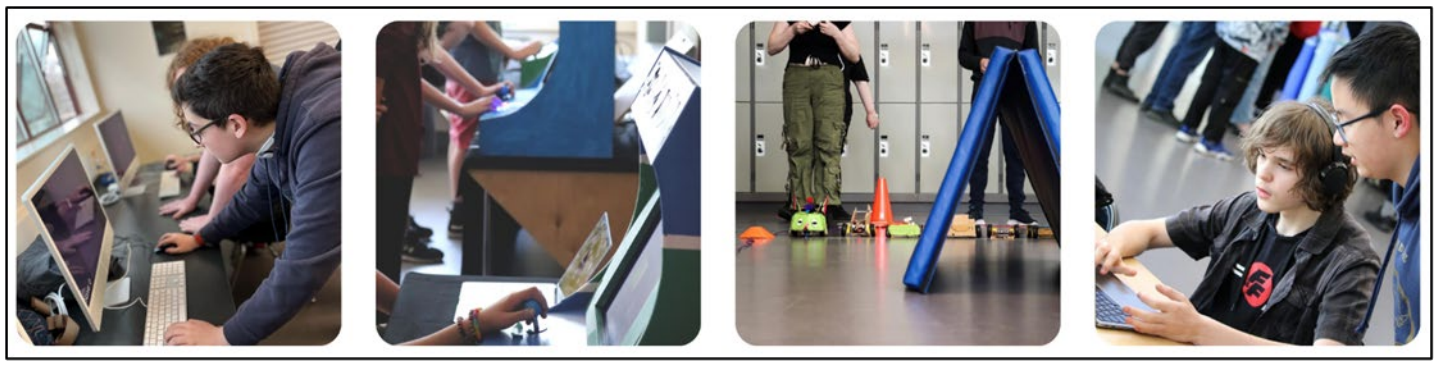
This course features three broad areas of inquiry: physical geography, weather and climate, and environmental sustainability. As geographers, students will draw on interdisciplinary skills from math, science, and the humanities to gain deeper insight into our physical world, and how humans can have an effect on the world around them.

SOCIAL JUSTICE 12

Social Justice 12 promotes students' awareness of social injustice, to encourage them to analyze situations from a social justice perspective, and to provide them with the knowledge, skills, and an ethical framework to advocate for a socially just world. Students will examine inequality and injustice based on various social factors while investigating the causes and the consequences of injustice. Social Justice 12 includes an emphasis on action, providing opportunities for students to examine models of social change, and to engage in their own initiatives to effect social change. Social Justice is a participatory course requiring self-analysis, social analysis, respect for diversity, a willingness to take action, and a willingness to respectfully discuss controversial issues.

URBAN STUDIES 12

This course will explore the development of cities in all corners of the world, and the different factors that make each one unique. Our cities are windows into the daily life, history, culture, and community values in locations around the world. This course will focus on Urban Studies, but through the lens of art, film, media, food and other forms of cultural expressions. We will use many different lenses to get to know cityscapes better, and to understand the issues that face them.



TRADES & TECHNOLOGY EDUCATION

ART & METAL JEWELLERY 9-10

This hands-on course introduces students to the foundational techniques of jewellery making and metalwork. Students will learn how to safely use basic hand tools to cut, shape, bend, and connect metals while creating unique, wearable pieces such as rings, pendants, and bracelets. Emphasis is placed on developing craftsmanship, exploring creative design, and building confidence through guided projects. No prior experience is required, just curiosity and a willingness to work with your hands. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

ART & METAL JEWELLERY 11-12

This course builds on the foundational skills introduced in the junior class, offering students the opportunity to refine their techniques and explore more complex design challenges. Students will apply the design cycle to plan and create jewellery pieces and small-scale metal art projects using sawing, forming, piercing, chain weaving, and finishing techniques. With an emphasis on creativity, precision, and personal voice, students will produce exhibition-quality work and may have opportunities to create collections for display or sale. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

COMPUTER STUDIES & PROGRAMMING 9-12

Students will explore the technical and creative aspects of computing through the specific lens of video game development. Students will learn about computer hardware and software by using these elements to craft their own games. By studying the history of video game and computer development, students will learn how to plan, program, play and promote games in a way that can contribute to leaving the world a better place than they found it. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

ELECTRONICS & ROBOTICS 9-10

Harness technology and creativity to solve real-world problems! Students will explore circuit theory, computer programming, and engineering design processes through the lens of robotics. The course will extensively feature group design challenges mirroring authentic problems in the real world. The class will work collaboratively to design, build, revise, and eventually showcase their creations. No experience necessary. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

ELECTRONICS & ROBOTICS 11-12

Students will apply coding, and mechanical and problem-solving skills learned in Robotics 10 to new challenges focused on building robotic systems from scratch. Students will build a strong foundation in working with electronics, microcontrollers, sensors, drive systems, while constructing a variety of robotics projects. Students will use various tools, machinery, and 3D printing to bring their creations to life, solving problems and completing challenges designed to engage them with rich learning. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

ENTREPRENEURSHIP & MARKETING 10

This course explores the world of business by introducing students to entrepreneurial perspectives and the varying opportunities surrounding them. Students develop and learn personal economic survival skills that are needed in society today. An inquiry approach of discovery and problem solving is used to give students a chance to learn about Entrepreneurship, Marketing, Accounting, Law, Economic Systems, Personal Finance, and Career Planning. The knowledge and skills learned in this course are useful on a personal level, and as a basis for continuing business courses.

FAMILY & SOCIETY 9-10

Students will examine the roles and responsibilities of family members, family values, and the influence of family dynamics. Students will also understand the economic, social, and emotional issues facing families today and practical strategies for coping with those challenges. Students will conclude this course by researching careers associated with family in society. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

FILM & TELEVISION 11-12

Moving images are a powerful window through which we can explore identity, sense of belonging, and bring meaning to our lives. Film and Television will explore and apply the foundational elements essential to creating, producing, and sharing a short piece of film. Some skills that students will learn are how to plan a short film, how to light a set, how to compose shots, and techniques to apply during post-production. Students will also explore the history of film around the world, including the role that Indigenous peoples and narratives have played in historical and contemporary contexts. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

INTRODUCTION TO DRAFTING & DESIGN 9-10

This introductory course is open to all students and is the prerequisite for all subsequent Drafting & Design courses at Imagine High. Students will become familiar with the drafting and design process and develop techniques for producing pictorial drawings and sketches. Students will build technical drawing skills through hand drafting, computer-aided drawing, and 3D modelling software (AutoCAD and Fusion 360). Students will demonstrate their learning through conventional drafting exercises and projects which will be manufactured using state-of-the-art 3D printing, and laser engraving technologies. Design challenges will be introduced to allow students to apply the concepts learned. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

INTERMEDIATE DRAFTING & DESIGN 11-12

This intermediate course will further build on skills developed in Introduction to Drafting and Design. Students will use current, industry-standard computer drafting software "AutoCAD" to produce drawings used in technical communications. This course is divided into four general sections: design thinking, basic graphic design, 3D modelling and architectural drafting. Students have the opportunity to use laser engraving technology for design challenges and graphic design, and 3D printers for 3D modelling. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

INTRODUCTION TO WOODWORKING 9-10

Woodwork is an introductory course in the field of woodworking. Students will gain basic knowledge in working with hand tools and power tools appropriate for their project work. Students will explore units in safety, wood identification, hand tools, power tools, project management and design & creativity. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

INTERMEDIATE WOODWORK 11-12

This course further builds on students' knowledge of the essential hand and power tools used in the field of woodworking. Students will gain new knowledge of fine woodworking and joinery techniques and will have the opportunity to design and build projects of their choosing. Students may also work on projects in a modified mass production opportunity designed to have students working together to complete a project for the school or community. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

MARKETING & PROMOTION/ENTREPRENEURSHIP 11-12

Students will learn about business, finance, and marketing. In this class we will explore both practical and theoretical topics in business to help students understand what the entrepreneurial process is, and how they can engage with the world of business, both as a consumer and a business owner. Throughout the course, students will learn about economic theories, globalization, business law and ethics, tax structures, personal finance, and marketing/advertising strategies. Areas of learning could include digital marketing, e-commerce, investment and finance, and corporate tax policy.

TECHNOLOGY EXPLORATION 9-10

This elective will incorporate the ideologies of Design Thinking and the Maker Philosophy. Throughout the course, students will explore how the principles of science, technology, engineering, and math can be applied to develop practical solutions to real-world challenges. Students will be encouraged to apply the skills learned to create projects of personal interest. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

VIDEO STORYTELLING 11-12

Want to tell a story with moving pictures? This course will teach students the technical and foundational skills in creating short films either YouTube or TikTok style! Students will learn how to use Adobe Premier Pro and other software, DSLRs, and how to work as a team to create a film from storyboard to the first screening! *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

WEB DEVELOPMENT 9-10

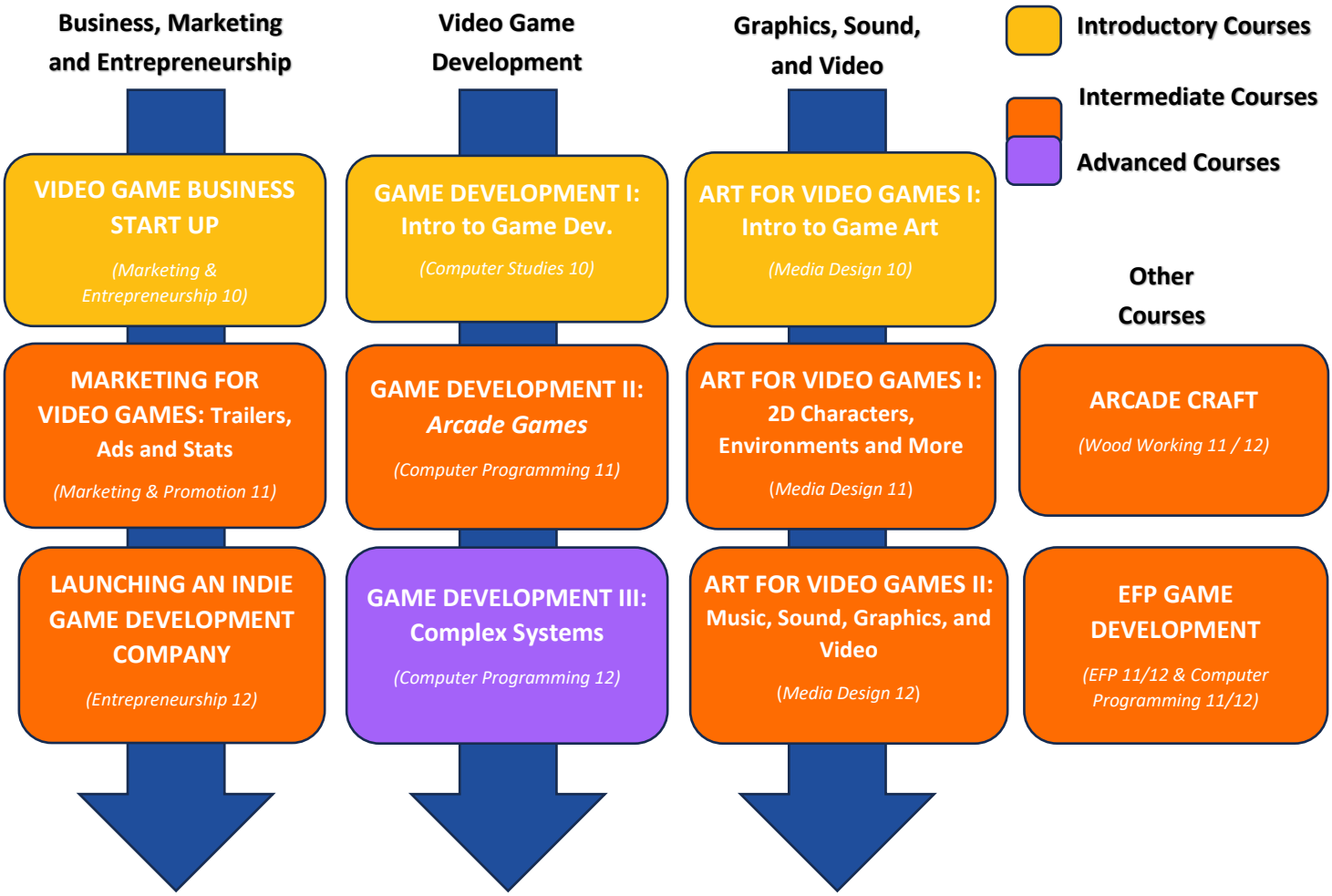
Web Development is an entry-level high school course that walks students through the many processes, systems, and tools needed to create a functional and well-designed website. As students design, share, and adapt their knowledge about working in a digital platform, they gain perspective on the long-term implications of life in a digital, connected world and they develop skills to responsibly take ownership of these technologies to enhance learning and benefit society. Web Development builds on students' natural curiosity, inventiveness, and desire to create and work in practical ways. It gives them skills to be able to carve out a place in the world for them to create, be heard, and produce meaningful experiences. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

YOUTH EXPLORE TRADES SKILLS 9-12

Do you like to build things? Want to make cool projects using real building materials while learning trades skills? A career in the trades is a stable, exciting, rewarding and challenging way to earn a good living. Explore different career paths while building trades-related projects. Cut lumber with chop saws, test live circuits, and assemble projects using a pneumatic nailer. Youth Explore Trades Skills is an engaging program in which students use hands-on learning to acquire skills and knowledge in important trade and manufacturing sectors (Carpentry, Plumbing, and Electrical). *This course is offered at the Grade 9-11 level. Topics and skills deepen in complexity as students move their way towards senior classes.*




VIDEO GAME DEVELOPMENT



INTRODUCTORY COURSES

GAME DEVELOPMENT I: Intro to Game Development
Computer Studies 10
This introduction course is the place to start for anyone interested in designing and programming video games. While studying elements of the video game industry, we will introduce you to programming with the Unity Engine. You will also explore introductory concepts in C# coding, image creation in Photoshop, and video production using Premiere Pro.

ART FOR VIDEO GAMES I: Intro to Game Art
Media Design 10
For anyone interested in learning art concepts for video game design, this course is the place to start.
We will study the development of 2D game art, while learning to create our own assets. Topics will include pixel and vector art, character animation, menu and UI design, magazine-style advertising, cutscene creation, and more.

VIDEO GAME BUSINESS START UP
Marketing and Entrepreneurship 10
Learn about what it's like to start up an indie video game company! Students in this class will study actual indie case studies as they design their own indie companies. Along the way they will experience and learn about the realities of building, marketing, and funding an indie game development studio.

INTERMEDIATE COURSES

GAME DEVELOPMENT II: Arcade Games

Computer Programming 11

In this programming-focused course we will dive more into the technical/coding side of game development. Students will go through the complete game development cycle, solo developing one mini game, and then working as part of a larger team to create fully playable arcade-style game designed for a real test audience.

ART FOR VIDEO GAMES II: 2D Characters, Environments and More

Media Design 11

This course is a more sophisticated version of *Art for Video Game I*. Students will learn to create more advanced game art, including elements like: cutscenes, game trailers, "living" environment art, web-page advertising, etc.

MARKETING FOR VIDEO GAMES: Trailers, Ads and Stats

Marketing and Promotion 11

Develop and launch a marketing campaign for a student-made video game! Students will work with game developers from other classes, exploring topics like social media marketing, crowdfunding, publishing deals, and more! As they roll out their campaign we will also learn about topics like ethics and monetization.

ARCADE CRAFT

Wood Working 11/12

Students will design and create working arcade cabinets, designed to house actual video games for the Imagine High Arcade.

LAUNCHING AN INDIE GAME DEVELOPMENT COMPANY

Entrepreneurship 12

Design and launch your own video game company! Students will explore the logistics and financial realities of starting a video game company. Build a portfolio of student-made games, create a marketing campaign, and negotiate to realities of monetization

ADVANCED COURSES

GAME DEVELOPMENT III: Coding Complex Systems

Computer Programming 12

Building on the foundation of Game Development II, students will explore solid programming principles to help them design more complex game systems. Possibilities include branching dialogue trees, levelling systems, day/night schedules, talent trees, character creation, etc. Ultimately, students will work as part of a larger team to create a full video game which they will test on a live audience.

VISUAL & PERFORMING ARTS

FINE ARTS

To meet graduation program requirements, all students must complete a minimum of 2 credits in the Fine Arts and/or Applied Skills subject areas from grades 10 to 12.

2D ANIMATION 9-12
Create the illusion of life through the medium of classical 2D animation. Students will learn principles of animation, frame-to-frame animation processes, human anatomy drawing, principle of creative practice, and filmmaking pipelines, with the goal of producing a polished short film. No experience or drawing ability necessary, but willingness to draw an absolute must. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

3D ANIMATION 9-12
Explore how physics, technology, and art combine through the medium of 3D computer animation. With the goal of producing a polished short film, students will learn principles and history of animation, 3D modeling and animation processes, storytelling processes, and filmmaking pipelines. No experience necessary. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

ART STUDIO 9-12
Students use 2-D and 3-D media, skills, and techniques to create personally meaningful artistic works within an art studio environment through the exploration of contemporary or historical art viewpoints. The culmination of the course will be an exhibition of student work in an art gallery setting. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

DANCE FOUNDATIONS 9-12
Students will learn the principles of movement such as alignment, flexibility, strength, balance, centering and breath through the study of various dance genres. Students will learn about the muscular and skeletal systems, healthy living, and the importance of nutrition. As dance is a performing art, performance is an integral part of the program. Dynamics, focus, stage presence, performing energy, clarity of execution, working as a group are all elements that enhance performance. These elements are analyzed, practiced, and shared in class and formal performances. Opportunities to observe and discuss other dance performances are provided. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

GRAPHIC ARTS & PRODUCTION 11-12
Students in Graphic Production will explore and apply design principles, use photography and typography to communicate information, and create visual design products that solve problems. Students will use Adobe Suite products to explore colour theory, contrast, symmetry, and balance to develop and explore a personal design language. Then, students will develop a range of products for a variety of different mediums like online layouts, video, photography, and digital artwork. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

MEDIA ARTS 9-12
Media Arts provides a sampling of technology and art platforms that support students in graphic design, animation, and digital imagery. Students will use the Adobe Suite platforms to produce digital images, art and publications – online and as print. Students will learn about design elements and styles to share visually. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

MEDIA DESIGN 9-10

Do you want to create your own animations using industry- standard software? This course will allow you to work on foundational methods for 2D or 3D animation (including modelling). Learn what influences professionals when they create their work. Discover how to storyboard effectively and create a digital portfolio online to showcase your best work. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

PHOTOGRAPHY 9-12

Photography helps us revisit memories in ways otherwise not possible. Students will explore the elements and principles of composition, ethical creative image-making techniques and explore post-processing tools for creative expression. Students will use industry-standard camera gear to gain strong working knowledge of manual DSLR camera settings (aperture, shutter speed, exposure compensation) to capture landscape, lifestyle and portrait photography. Students will build beautiful professional digital portfolios to exhibit their imagery. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

ADVANCED PHOTOGRAPHY 11-12

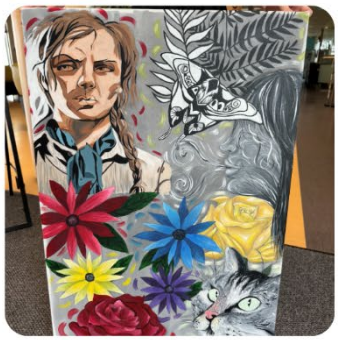
This class will build on the topics learned in your first photography class. It is assumed students would understand how to manipulate shutter speed, aperture and ISO to take photos but are now interested in using those skills in a more nuanced manner. Topics would include portraiture and storytelling in photos. Each student will choose a sub-specialty of photography they would like to focus on and produce printed work. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

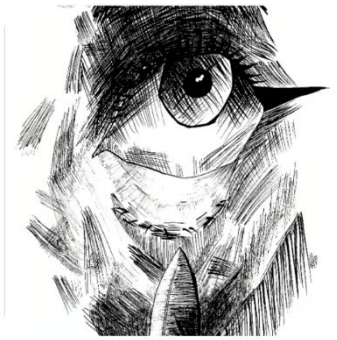
STUDIO ART 2D 11-12

Students will develop a high level of competence in drawing and painting through in-depth projects and independent study. Larger scale work, opportunities to work with a variety of 2D media and development of works appropriate for inclusion in portfolios will be encouraged. Students will be required to present and discuss their work related to both technique and concept. Students will also enjoy open-ended projects that provide freedom to explore one's own ideas and style. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

YEARBOOK 9-12

This course is for students who have an interest in producing the school's yearbook. Students will have a variety of experiences in writing, digital photography, drawing and desktop publishing. Upon completion of the yearbook, students may study an option in photography, graphic design, desktop publishing or a combination of the three. An effort will be made to balance this class with representatives from Grades 9 through 12. Students taking this elective will work independently, meet deadlines, and plan efficiently to ensure that their spreads are done in a creative and timely manner. There is also an expectation that students will use time outside of class, particularly at the key deadlines in the first three terms. **Yearbook will be offered out of the timetable.** The class meets weekly at lunch or after school.



MUSIC

CHORAL MUSIC 10-12

Step into the world of harmony and discover how choral music can inspire, connect and transform. In this course, students will explore choral music through study, rehearsal and performance, and cultivate their own unique singing styles, both independently and together as a collaborative choir. We will discover how music reflects cultures, histories and communities. Our community will engage in a deep study of musical elements to hone our interpretive skills and learn how to connect emotionally and artistically with the music we perform. Establishing a supportive learning environment, we will take risks to gain an understanding of the creative musical process. Open to all skill levels, this class emphasizes community, collaboration, and the joy of shared musical expression. *This course is offered at the Grade 10-12 level. Topics and skills deepen in complexity as students move their way towards senior classes*

COMPOSITIONS & PRODUCTION 9-12 (Songwriting and Recording)

Music Comp/Prod 11 is a course designed for students who want to explore composing, songwriting, and recording/producing music. All students who are thinking about pursuing music in any capacity in post-secondary education should take this course! Students will explore composing for a wide variety of genres and ensembles, including film score composing, songwriting, and composing for small ensembles. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

CONTEMPORARY MUSIC: Rock Band 9-12

Students will explore how different genres of rock are rooted in history, culture, and community; and will explore how music can be used as a tool to change the world, and as a vehicle for better understanding ourselves. Students will explore the musical, technical, and communal aspects of playing and performing as a band. Prior musical experience is not required; students will be supported to develop their skills in one or more of the following areas: acoustic guitar, electric guitar (rhythm or lead), bass guitar, keyboard/synth, drums, vocals (lead or backing), audio missing. Students are welcome to bring their own instruments, and a small number of shared instruments will be available. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

INSTRUMENTAL MUSIC: Guitar 9-12

Students will learn the fundamental skills needed to play the guitar. Students will work on beginner music theory, finger mechanics, rhythm, melody, chords and building their ears to excel in music. Students will apply musical skills, understandings, and techniques they learn throughout the course to perform collaboratively in both solo and ensemble contexts. Musical experience is not required. Acoustic guitars will be provided. Students may bring their own acoustic guitar. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

INTRODUCTION TO STRINGS & VOICE 9-12

Discover the joy of playing guitar and singing in this beginner-friendly class! Designed for students with little to no experience, this course will teach you the fundamentals of guitar playing, including basic chords and strumming techniques to support your singing. You'll also learn how to read chord charts and tabs, play popular songs, and explore the basics of rhythm. By the end of the course, you'll have the skills and confidence to perform your favorite tunes and share your music with others. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

THEATRE

DRAMA 9-12

Students will have the opportunity to explore storytelling, creativity, improvisation, role play, movement, characterization, problem solving, collaboration, and personal reflection. This course is centered on the ability to work in groups or pairs. Students will have opportunities to informally and/or formally present their work in front of an audience. Drama communicates ideas, emotions, and perspectives. Active participation in drama creates personal and cultural connections and reveals insights into human experience, exploring our identity and a sense of belonging. Students may also receive credit for Theatre Company and Production within this course pathway. *This course is offered at the Grade 9-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

THEATRE COMPANY 11-12

These courses are designed to allow students to explore the technical sides of theatre and the performing arts. Theatre Production is an opportunity for students to develop as a theatre operator, designer, scriptwriter, and director. Students should be prepared to participate in games, dramatic warmups/exercises, collaborative projects, and theatrical performances. In-class performances for invited audiences are an expectation of the course. This class will help students build self-confidence, communication skills, creative thinking, and team working abilities! *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

THEATRE PRODUCTION 9-10

This course is designed to introduce students to the elements of theatre production including design, technical theatre, and stage management. Students will learn to design and create sets, props, costumes, lighting, and sound. They will become familiar with the roles and responsibilities involved in safely operating in a theatre environment and protocols for various stages of production from design to closing night. *This course is offered at the Grade 9-10 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

THEATRE PRODUCTION 11-12

The course aims to provide students with the basic principles of set design and construction. Based in the woodshop but creating for the performing arts department Students will become familiar with reading between the lines of the script and understanding the characters while working within time and material constraints. In this course, students will learn how to shape a convincing world around characters - from the basics of how to build a flat to advanced set design and construction techniques. Learn the skills to break down a script and design and dress a story-centric set. *This course is offered at the Grade 11-12 level. Topics and skills deepen in complexity as students move their way towards senior classes.*

SD33 One Campus Overview

The Chilliwack School District strives to provide equitable and accessible education for all students. To support this, we have created "One Campus", a new choice option for our district. One Campus is the sharing of unique, secondary programming across the district.

What is One Campus?

With coordinated timetables across the district, One Campus provides students the opportunity to cross-enroll (move between) existing secondary campuses to pursue the programming that most engages them, or best prepares them for opportunities beyond graduation.

How does One Campus Work?

A daily shuttle between CSS/IAT/KSS/SSS/GWG will be offered at the lunch hour. Students enrolled in a course or program at another school will attend that other school for half the day (every day for semester courses, every second day for linear courses). If a course or program is one block in duration, students will take other courses (unique or standard) to fill the rest of their time at that site before transferring. As is standard with choice programs, students beginning or ending their day at their non-homeschool will be responsible for their own transportation. Courtesy bussing may be available in some situations.

NOTE: Opportunities are available as space permits.

Sample Timetable

Student Name: Suzie Student **Student ID:** 12345 **YOG** 2023
Homeroom: Ms. Teacher **Home Campus:** CSS

Course Code	Description	Campus/Room	Time	Teacher	Credits
XYZ-123	Architecture	SSS/205	8:30am – 10:00am	Mr. Crafty	4.0
123-XYZ	Mathematics	SSS/110	10:05am – 11:35am	Ms. Math	4.0
Lunch					
ABC-123	Intro Guitar	CSS/Band Room	12:30pm – 1:45pm	Mr. Music	4.0
123-ABC	Literature Studies	CSS/302	1:50pm – 3:00pm	Ms. Bronte	4.0

Chilliwack School District

Chilliwack School District
CAREER EDUCATION

Work Experience

The SD33 Work Experience program has been in operation for over 30 years and facilitates over 1000 community-based placements for students each year. We are committed to providing practical learning opportunities for our secondary school students. Work Experience is intended to prepare students for the transition from high school to the world of work or future training and education. Work Experience allows students to connect what they learn in the classroom with the skills and knowledge needed in the workplace and society.

Students will use Work Experience to explore careers, to earn credits toward graduation, and to apply for community bursaries and scholarships. Work Experience also helps young people build a strong network of community contacts and refer-ences.

Each secondary school in the Chilliwack School District has a dedicated Work Experience Facilitator on staff to connect directly with students who want to explore Work Experience opportunities in the community.

Elective Work Experience Courses
(WEX12A & WEX12B)

- Available to grade 11 and 12 students
- Requires an application
- Off-timetable
- 100 hours of community-based placements
- Written assignments
- Students may utilize paid work hours for credit

* Students in Grades 10-12 do **NOT** need to be registered in a WEX12 course to receive a community-based Work Experience placement. Simply complete a *Work Experience Placement Request* form and submit to your school's Work Experience Facilitator.

Chilliwack School District
CAREER EDUCATION

Career-Life Transitions Program

The Career-Life Transitions Program provides training and guidance for our students with diverse abilities, while they develop valuable career and life skills that will contribute directly to their transition pathway from Secondary School education to the Adult working world in their communities.

Goals & Learning Outcomes

- Development of skills related to personal living and employability
- Career awareness and exploration
- Self-exploration and assessment
- Job readiness/understanding of the workplace
- Supported work experience
- Assist students to transition from secondary school to work, college and/or other adult life options
- Connection to Community partners
- Encourage a well-balanced lifestyle
- Portfolio Showcase through My Blueprint (transition to adult hood)

Program Structure

1. In-School Instruction
   - Job readiness skill development
   - Choice electives
2. Community volunteer / customized employment placement
3. Connections to post-graduation opportunities & supports

Career-Life Program Contact:

Mr. Joey Balzer
Work Experience Facilitator

Cell: 604.819.7607
Email: joey_balzer@sd33.bc.ca

Chilliwack School District
CAREER EDUCATION

Trades Sampler

The Trades Sampler program allows senior secondary students to dive deep into a variety of trades as they find their preferred career path. Thanks to this partnership between the Ministry of Education and Skilled Trades BC, students gain hands-on experience before they enroll in a high school apprenticeship program like *Youth TRAIN in Trades* or *Youth WORK in Trades*.

In partnership with University of the Fraser Valley, students receive workplace skills training around tools & equipment, workplace safety and job readiness skills, and receive a number of industry certifications. Students complete technical modules, covering four or more specific trades, including contact with at least one employer in each trade.

Students may also have the option to complete an embedded Work Experience course, where they will receive up to 100 hours of community-based Work Experience placements in a trade of their choice.

ALL Trades Sampler students should...

- Be able to handle the rigours of a university-level program
- Have access to reliable transportation to U.F.V.
- Have a keen interest in the skilled trades
- Be considering a career in skilled trades
- Have a good attendance record

Trades Sampler programs are currently offered at:

- **G.W. Graham Secondary School** and
- **Kw'íyeqel Secondary School**

Contact your Counsellor or Dual Credit & Apprenticeship Facilitator for more information.

SKILLEDTRADESBC YOUTH

UNIVERSITY OF THE FRASER VALLEY

Chilliwack School District
CAREER EDUCATION

Youth WORK in Trades

Over the last thirty years, the SD33 Trades Program has registered over two-thousand apprentices with Skilled Trades BC. There are nearly one-hundred different trades to choose from such as Carpenter to Electrician, from Cook to Welder, and many more!

Elective Youth WORK in Trades Courses
(YWIT 11A, 11B, 12A, 12B)

- Available to grade 9, 10, 11 and 12 students (14 yrs. old)
- Must be currently enrolled in Secondary School
- Must be working with a qualified tradesperson
- Must be employed in a Skilled Trades BC Apprenticeable trade
- Earn up to 16 graduation credits
- Requires an application
- Off-timetable

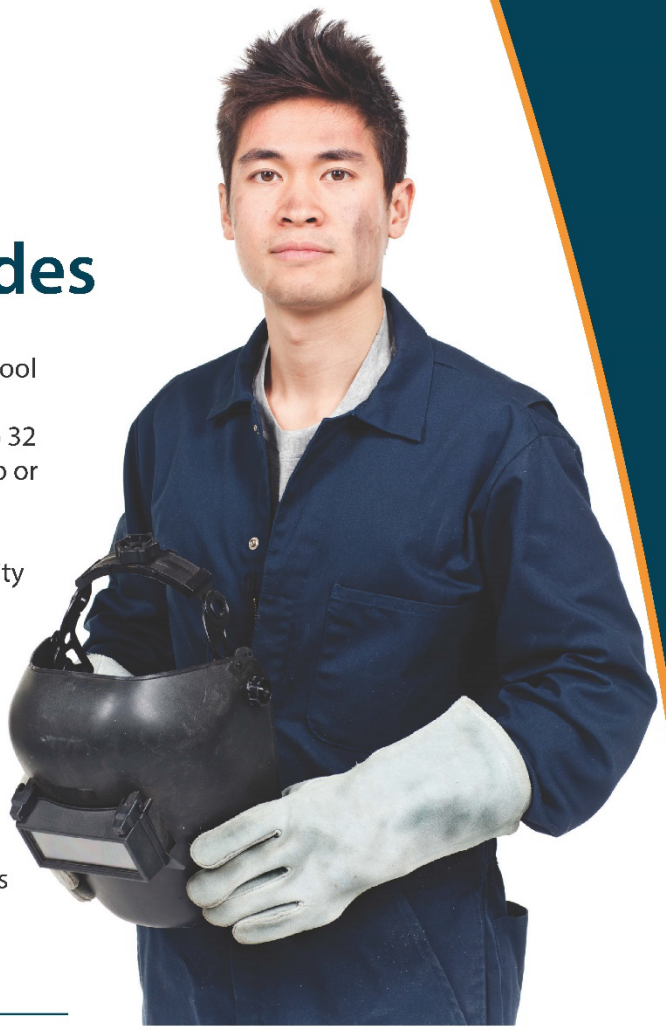
Get on-the-job training as a Youth Apprentice!

Contact your Dual Credit and Apprenticeship Facilitator to start an application!

SKILLEDTRADESBC YOUTH

Chilliwack School District
CAREER EDUCATION

Youth TRAIN in Trades



The *Youth TRAIN in Trades* Program allows high school students to take pre-apprenticeship (technical) training that provides them with dual-credit (up to 32 credits) for high school courses and apprenticeship or industry training programs.

This is an innovative partnership between University of the Fraser Valley (UFV), Vancouver Community College (VCC), and the Chilliwack School District. Grade 11 students can apply to pursue an apprenticeship career path to obtain the first level of technical training in a particular trade in their grade 11/12 year.

Youth TRAIN in Trades programs are tuition sponsored by the school district, however students are required to pay ancillary fees and materials. Application process is competitive and space is limited.

Who Attends: Students in their grade-12 year

Contact: Dual Credit & Apprenticeship Facilitator

Dates: Grade 11/12 year (program dependent)

Location: UFV Trades and Tech, CSS, SSS, IHSS (depending on selected program)

Fees: Ancillary fees, books, clothes and tools range from $1,800 - $2,400 (depending on selected program)

PROGRAMS OFFERED AT SD33 SCHOOL SITES:

- **Welding** at Sardis Secondary & Chilliwack Secondary, in partnership with University of the Fraser Valley
- **Hairstylist** at Chilliwack Secondary, in partnership with Vancouver Community College
- **Professional Cook** Level 1 at Imagine High, in partnership with Vancouver Community College

SKILLEDTRADESBC YOUTH

UNIVERSITY OF THE FRASER VALLEY

VCC

OFFERED AT IMAGINE HIGH

Chilliwack School District
CAREER EDUCATION

Youth TRAIN in Trades
Professional Cook 1

Program Summary:

Professional Cook 1: Imagine High – Grade 12 (Full Year)

Transportation: Students are responsible for their own transportation to IHSS

Equipment, Textbooks & Other Fees: approx. $850 for textbooks, supplies, uniform & knives *(subject to change)*

Certification Received: Professional Cook – Level 1

Youth TRAIN in Trades Program Objectives:

Skilled Trades BC Youth TRAIN in Trades is an industry certification program for BC secondary school students. The program enables students to earn both graduation credits and credit for the first level of technical training associated with a *Skilled Trades BC* program or apprenticeship. Through Practicum placements, students can also earn credit toward the on-the-job component of a *Skilled Trades BC* program. This is an opportunity for high school students to get a head start on earning their credentials in a trade recognized by *Skilled Trades BC*.

Prerequisites

- Must be a registered student in the Chilliwack School District
- Must be 15 years of age to begin and 19 years of age before program completion
- Completion of all Grade 11 courses
- Completion of English 12 & Indigenous Grad Requirement *(course may vary)*
- **Course Planning in advance is necessary to ensure course availability**

Modules Covered in the Professional Cook 1 Program:

(Each module contains several different topics)

- Occupational Skills
- Stocks, Soups & Sauces
- Vegetables & Fruits
- Starches
- Meats
- Poultry
- Seafood
- Garde Manger
- Eggs, Breakfast Cookery & Dairy
- Baked Goods & Desserts
- Beverages
- Customer Relations

SKILLEDTRADESBC YOUTH

VCC

Chilliwack School District
CAREER EDUCATION

Regional Career Programs

Regional Career Program training is offered to academically capable secondary school students with an interest in the Trades and Technology sector. The training is designed for high school students who have met their graduation requirements for grade 11 and 12 in an accelerated manner to enroll in full time studies at University of the Fraser Valley in their Grade 12 year.

Students are required to meet University of the Fraser Valley's entrance requirements for the program, including any necessary entrance exams. UFV courses may qualify for DUAL CREDIT, giving students additional credits towards the high school completion certificate.

Regional Career Programs are tuition sponsored by the school district, however students are required to pay ancillary fees and materials. The application process is competitive and space is limited.

REGIONAL CAREER PROGRAMS OFFERED AT UFV

- Architectural Drafting Technician Certificate
- Automotive Collision Repair and Refinishing Foundation
- Automotive Service Technician Foundation
- Carpentry Foundation
- Construction Electrician Foundation
- Electronics Technician Certificate
- Heavy Mechanical Foundation
- Professional Cook Foundation - Level 1 and 2
- Plumbing and Piping Foundation
- Welding Foundation

SKILLEDTRADESBC YOUTH

UNIVERSITY OF THE FRASER VALLEY

Chilliwack School District
CAREER EDUCATION

Early Childhood Education
Dual-Credit

ECE training is offered to Grade-12 students with an interest in Early Childhood Education. Early Childhood Assistants and Early Childhood Educators can find work in daycares, preschools, nursery schools, special needs centres, public schools, and infant or toddler centres.

Students must be enrolled and completing English 12, and have completed English 11, Math 11, English 10 and Math 10 with C+ average to enroll in part-time studies at the *University of the Fraser Valley* in their Grade 12 year. Students must have the intention to graduate with a Dogwood diploma (B.C. Graduation Certificate).

Tuition fees are covered by the School District. Ancillary fees, books and materials are the student's responsibility. Application process is competitive and space is limited.

Fall Courses at U.F.V.

ECE 100 - Human Development 1
ECE 103 - Introduction to Observing and Recording Behaviour of Young Children

Winter Courses at U.F.V.

ECE 101 - Introduction to Early Childhood Education
CMNS 125 - Communicating Professionally to Academic & Workplace Audiences

UNIVERSITY OF THE FRASER VALLEY

Early Childhood Education Pathway for Dual Credit

Dual Credit Entrance Requirements

- School District Application Form
- Letter of Intent
- Complete English 11 and Math 11 - with C+ or better
- Enrolled in English 12 - Must achieve C+ or better

Fall Courses at UFV

- ECE 100 - Human Development 1
- ECE 103 - Introduction to Observing and Recording Behaviour of Young Children

Winter Courses at UFV

- ECE 101 - Introduction to Early Childhood Education
- CMNS 125 - Communicating Professionally to Academic & Workplace Audiences

Pathway Summary

- 12 of the 43 credits for the full ECE Certificate pathway
- Meets the requirement for the Early Childhood Education Assistant (ECAC) certificate

Completing the ECEA Pathway

Students are eligible to apply for an *Early Childhood Education Assistant* certificate through the BC Government Early Childhood Educator Registry, after completing the Fall Semester Courses.

Laddering your Dual Credit into the ECE Program

Once your Dual Credit courses are complete, you can apply to continue your studies at the University of the Fraser Valley to complete your full Early Childhood Education Certificate.

Chilliwack School District | University of the Fraser Valley | School District 78 Fraser-Cascade — Everyone Pulling Together

Chilliwack School District
CAREER EDUCATION

Inclusive Education Assistant
Dual-Credit

Inclusive Education Assistant training is offered to Grade-12 students with an interest in working with school-aged children and youth. IEA's can support students with diverse abilities in elementary, middle, and high schools in a variety of settings, including regular classrooms, learning support rooms, work experience sites, or in life-training settings.

Students must be enrolled and completing English 12, and have completed English 11, Math 11, English 10 and Math 10 with C+ average to enroll in part-time studies at *University of the Fraser Valley* in their Grade 12 year. Students must have the intention to graduate with a Dogwood diploma (B.C. Graduation Certificate).

Students will complete courses toward the Inclusive Education Assistant certificate. Tuition fees are sponsored by the School District. Ancillary fees, books and materials are the student's responsibility. Application process is competitive and space is limited.

Fall Courses at U.F.V.
EDAS 190 - Overview of Inclusive Schooling
EDAS 192 -Strategies to Support Students in Schools

Winter Courses at U.F.V.
HSER 120 - Interpersonal Communications for Human Services
EDAS 194 - Role of the EA in Inclusive Schools

UNIVERSITY OF THE FRASER VALLEY

Chilliwack School District
CAREER EDUCATION

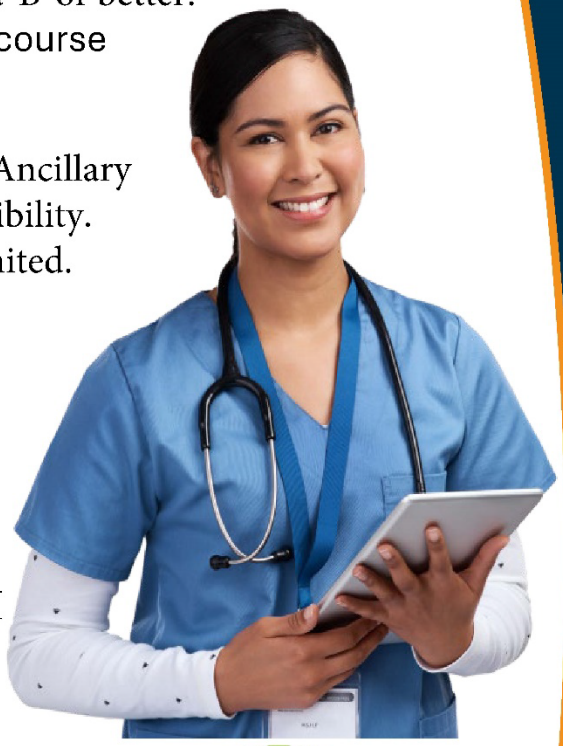
Health Sciences

Dual-Credit

Health Sciences training is offered to Grade 12 students with an interest in working in the Health Sciences field. (Ex: Nursing, or Health Care Assistant.)

Students must be enrolled and completing Biology 12 in their first semester of Grade 12 and have completed Chemistry 11 with a 'B' or better.
As a student, you will earn both School based course credits and University level credits.

Tuition fees are sponsored by the School District. Ancillary fees, books and materials are the student's responsibility. Application process is competitive and space is limited.



Fall Courses at U.F.V.
HSC 111 - Human Anatomy & Physiology I
(2 classes per week)

Winter Courses at U.F.V.
HSC 113 - Human Anatomy & Physiology II
(2 classes per week)

Contact your Counsellor or Dual Credit Apprenticeship Facilitator for more information.

UNIVERSITY OF THE FRASER VALLEY

Program Delivery:
In person course delivery at the Chilliwack U.F.V. campus. Dates are subject to change.

Chilliwack School District
CAREER EDUCATION

Emergency Medical Responder Dual-Credit

The Emergency Medical Responder (EMR) program is offered to students in grade 12 who are interested in entering the emergency medical services or healthcare fields. This program has been designed by the Justice Institute of BC (JIBC) and Columbia College and will be delivered by a specially-trained high school teacher.

The EMR Program will cover such topics as:

- Fundamentals of Emergency Medicine
- Assessments and Diagnostics
- Medical Conditions and Emergencies
- Traumatic Emergencies and Soft Tissue Injuries
- Diverse Populations and EMS Operations

It is recommended that students have completed minimum English 10, Life Sciences 11 and completing Anatomy & Physiology 12. Students must have the intention to graduate with a Dogwood diploma (B.C. Graduation Certificate). This program is rigorous, and student success requires full attendance in class and successful completion of all mandatory exams.

EMR graduates may gain employment with BC Ambulance Services, private ambulance services, fire departments, law enforcement, ski patrol and rescue, or remote industrial workplaces. Graduates may also choose to use their training toward further studies in the healthcare field.

Justice Institute
BRITISH COLUMBIA