

North Delta Secondary

Course Selection Booklet

2021-2022

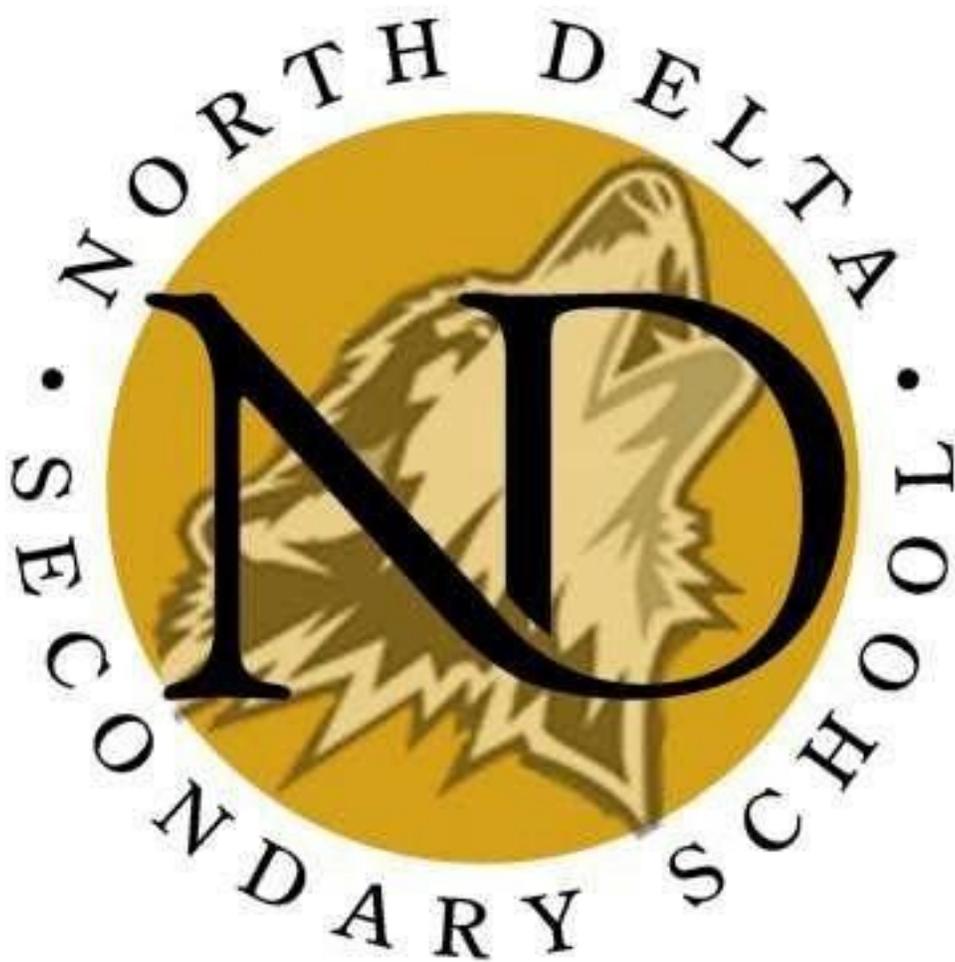


TABLE OF CONTENTS

<i>Course Selection: How to select Courses for Next Year</i>	4
<i>Course Selection in the time of COVID-19</i>	5
<i>Graduation Requirements for Students Graduating in 2022 & beyond</i>	6
<i>Provincial Assessments</i>	7
<i>Post-Secondary & Scholarship Information</i>	7
<i>Graduation Planning Guide for the Current Grad Program</i>	8
<i>Delta Hockey Academy Course Selections</i>	9
<i>Grade 9 Program</i>	10
COURSE DESCRIPTIONS	10
<i>Applied Design, Skills and Technology (ADST)</i>	10
<i>ADST: Business & Computers</i>	11
<i>ADST: Home Economics</i>	14
<i>ADST: Home Economics - Foods</i>	14
<i>ADST: Home Economics - Textiles</i>	15
<i>ADST: Home Economics - Other</i>	16
<i>ADST: Technology Education</i>	17
<i>ADST: Technology Education - Automotive Technology</i>	17
<i>ADST: Technology Education – Carpentry and Joinery</i>	18
<i>ADST: Technology Education - Maker Lab</i>	18
<i>Arts Education: Drama and Theatre</i>	19
<i>Arts Education: Theatre Company</i>	21
<i>Art Education: Dance Company</i>	22
<i>Arts Education: Theatre Production</i>	24
<i>Arts Education: Visual Arts</i>	25
<i>Art: Yearbook</i>	28
<i>Career Programs</i>	29
<i>Career Transitions 2020-21</i>	30
<i>English</i>	33
<i>ELL: English Language Learners</i>	36

<i>Learning Strategies</i>	38
<i>Math</i>	40
<i>Modern Languages</i>	44
<i>Physical Health & Education</i>	46
<i>Sciences</i>	48
<i>Social Studies</i>	50
<i>Other:</i>	53
<i>Academy & Choice Programs</i>	53

Course Selection: How to select Courses for Next Year

Course selection is a very important process schools undertake to provide students with the courses they need for a well rounded education, the courses they need to meet the Graduation Requirements in BC, and to try to provide an educational program that values student choice and interests.

Please plan carefully and select your courses with care - the selections you make during the course selection process in the Winter determine what courses run at the school, how many teachers are needed for each subject, and most importantly, what courses you are likely to have in your schedule next year.

While we do our best to help students who change their minds after course selection has been completed, it is not always possible for students to make changes to the courses they are assigned to later on. **This is why it is critical to take time now to carefully consider what courses you would like to take next year.**

Students will be asked to submit two kinds of course selections:

Primary requests - these are either the required courses that a student must have in their schedule (eg. core academic courses that all students in the grade must complete) or the elective courses that a student would most like to take.

Alternate requests - these are courses that a student would be willing to take instead of their primary elective choices (eg. these are 'backup' choices).

The school administration will make every effort to give students their Primary requests, but if it is not possible to create a suitable schedule for a student, alternate requests will be used to fill a student's schedule.

The school timetable is built using **MyEducation BC (MyED)**. Students will be making their selections on the Course Selection Form in MyED, and should know their Login ID and Password to successfully complete course selection.

The course selection process will be slightly different depending on a student's grade:

Student Grade Next Year is...	Process
8	Incoming grade 8 students almost all take the same courses in Grade 8. Some students take Support classes (Learning Support, English Language Learner support, etc.) in place of French 8 - NDSS works with a student's elementary school and with parents to determine if this is appropriate for a student. No selections in MyED are necessary.
9	Students going into grade 9 will meet one on one with their counselor or administrator to select courses in mid February. Students are asked to make sure they know their MyED login ID and password so they can log into MyED. After school help sessions will be available in early March for any students absent when the counselor and administrator visit their class.
10-12	Students going into grade 10 through 12 will be asked to log into MyED in late February to make their selections. Students should know their MyED login ID and password to access the system. Unlike last year, students will be asked to complete course selection on their own. After school help sessions will be available in early March for any students who are having trouble logging in or making their selections.

NOTE: Students in Inclusive Learning Programs will receive assistance with their course selections regardless of their grade level.

Course Selection in the time of COVID-19

As most students worldwide have experienced, the COVID-19 pandemic has had a significant impact on how schools have functioned this past year. To create a safe learning environment, BC's Ministry of Education in conjunction with the Provincial Health Officer has mandated that students complete school this year in learning groups (cohorts) to help minimize the potential spread of COVID-19. This requirement caused schools including NDSS to restructure the timetable and caused some students to receive courses they did not select as part of the course selection process last year.

At the time of publication of this Booklet, it is unclear exactly what the educational environment will be like next school year. It is possible that schools will be structured in a similar fashion to this year: students placed in learning groups in a primarily Quarter system. It is also possible that schools will return to a structure that is closer to their 'normal' pre-COVID structure. The Ministry of Education, the Delta School District, and North Delta Secondary are unlikely to make final decisions about next year's school structure until late August 2021.

Regardless of next year's school structure, it is imperative that students select courses in the same manner as any other year. Students need to indicate what courses they need and/or most want for their educational program. The school administration and counselors will do their best to place students in their primary requests if possible, and into alternate requests if primary requests are not possible. If none of a student's course selection requests are available, administration and counselors will place into other courses suitable for completing the student's schedule.

Please note that references to the structure or length of courses in this Booklet pertain to a 'normal' school year, where most courses offered are Semester length courses.

Graduation Requirements for Students Graduating in 2022 & beyond

What are the requirements for graduation in BC?

Required Courses

The following must be completed:

(48 required course credits - courses are 4 credits each)

- Career Life Education 10
- 2 Language Arts 10 (2 credits each)
- a Language Arts 11
- a Language Arts 12
- a Mathematics 10
- a Mathematics 11 or 12
- a Fine Arts and/or Applied Skills 10, 11 or 12
- Social Studies 10
- a Social Studies 11 or 12
- Science 10
- a Science 11 or 12
- Physical Health Education 10

Elective Courses

A **minimum** of 28 Grade 10-12 elective credits must be taken. As well, at least 4 Grade 12 level courses earning a minimum of 16 credits must be completed (Grade 12 Language Arts course plus 3 Grade 12 level electives).

Use the Graduation Program outline on page 5 to determine the courses that you will need for graduation and for next year.

Choosing courses is not just about meeting the graduation criteria. If you plan to continue your education beyond secondary school graduation, check to see that you have all the courses and prerequisites you need for your chosen field of study. Please consult with your counselor and our Career Counselor for advice about post-secondary requirements.

$$48 \text{ (Required)} + 28 \text{ (Electives)} + 4 \text{ (CLC)} \\ = 80 \text{ credits}$$

Career Life Connections & Capstone (CLC)

Career Life Connections & the culmination of a Capstone Project is a graduation requirement. Content will continue to emphasize the three main themes of Personal Development, Connections to the Community, and Career Life Plan, with the curricular competencies supporting these in a variety of ways. Major outcomes are expected to include a personal plan for post-graduation, and to design, assemble and present a Capstone project to an audience. This culminating project would demonstrate personal learning and achievement (in and out of school), growth in the core competencies, and a reflection on students' post-graduation plans.

For more information, visit:
www.bced.gov.bc.ca/graduation

Graduation Requirements for Students Graduating in 2022 & beyond

What are the requirements for graduation?

Required Provincial Assessments

The Ministry of Education no longer requires students complete course specific Provincial Exams. Students must complete three Provincial Assessments as part of the graduation program:

The **Grade 10 Literacy Assessment** assesses student ability to use critical thinking and analysis to make meaning from a diverse array of texts. It also assesses the ability of students to communicate their ideas. The Grade 10 Literacy Assessment is not based on a particular course, but on learning across multiple subjects, from kindergarten to Grade 10.

The **Grade 10 Numeracy Assessment** is based on mathematical concepts learned across multiple subjects from kindergarten to Grade 10, with an emphasis on K–9. It requires students to solve problems by using the five numeracy processes (different ways of thinking and working): interpret, apply, solve, analyze and communicate.

The **Grade 12 Literacy Assessment** is a provincial assessment that assesses student proficiency in literacy. It is a graduation requirement and students take the assessment in their Grade 12 year.

The implementation schedule is as follows:

	Prior School Year 2018/19	Current School Year 2019/20	Next School Year 2020/21
Provincial Assessments	Full Numeracy Assessment implementation continues	Full Numeracy Assessment implementation continues	Full Numeracy Assessment implementation continues
		Literacy Assessment is a requirement in Grade 10 for graduation beginning 2019/20	Literacy Assessment 10 implementation continues Literacy Assessment 12 is a requirement in Grade 12 for graduation beginning 2020/21

Post-Secondary & Scholarship Information

Please visit our website for more information.

Graduation Planning Guide for the Current Grad Program

Grade 10

Required Courses

- **Language Arts 10**

- Literature Studies and one of:
- Creative Writing 10
- New Media 10
- Spoken Language 10

_____ (2)

_____ (2)

- **Social Studies 10**

_____ (4)

- **Science 10**

_____ (4)

- **Mathematics 10** one of:

- Workplace Math 10
- Foundations of Math and Pre-Calculus 10
- Math 10 Challenge – Foundations & Pre-Calculus

_____ (4)

- **Career Life Education 10**

_____ (4)

- **Physical & Health Education 10**

_____ (4)

Elective Courses

Elective 1

_____ (4)

Elective 2

_____ (4)

Grade 11

Required Courses

- **Language Arts 11** one of:

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

_____ (4)

- **Social Studies 11 or 12** one of:

- Explorations in Social Studies 11
- Economics 12
- Genocide Studies 12
- History 12
- Law 12
- Social Justice 12

_____ (4)

- **Science 11** one of:

- Life Sciences 11
- Physics 11
- Chemistry 11
- Science for Citizens 11

_____ (4)

- **Mathematics 11** one of:

- Pre-Calculus 11 Challenge
- Workplace Math 11
- Pre-Calculus 11
- Foundations of Math 11

_____ (4)

Elective Courses

- **Elective 1**

_____ (4)

- **Elective 2**

_____ (4)

- **Elective 3**

_____ (4)

- **Elective 4**

_____ (4)

Grade 12

Required Courses

- **Language Arts 12** one of:

- English Studies 12
- English First Peoples 12

_____ (4)

Elective Courses

3 electives must be Grade 12 level

- **Grade 12 Elective 1**

_____ (4)

- **Grade 12 Elective 2**

_____ (4)

- **Grade 12 Elective 3**

_____ (4)

Can be Grade 10, 11 or 12 (Level 1, 2 or 3) courses***

- **Elective 4**

_____ (4)

- **Elective 5**

_____ (4)

- **Elective 6**

_____ (4)

- **Elective 7**

_____ (4)

- **Career Life Connections and Capstone**

_____ (4)

*** Must have 1 Arts Ed 10, 11 or 12 or ADST 10, 11 or 12 course elective.

Delta Hockey Academy Course Selection

Delta Hockey Academy students' educational program consists of courses at North Delta Secondary and at the Planet Ice rink that houses the DHA Program. Students in Grade 8 and 9 take their school based courses in the morning, and have their rink based program in the afternoon, while students in Grades 10-12 have their rink based program in the morning and take their school based courses in the afternoon. Courses taken at the school are 'traditional' in person classes with a subject teacher providing direct instruction. Courses at the rink are delivered through an online platform with indirect instruction, or are completed through the hockey activities at the rink.

The courses a student takes at the school and at the rink depends on the student's grade:

Grade 8

<u>At NDSS</u>	<u>At Rink</u>
English 8	PHE 8
Socials 8	Hockey 8
Math 8	French 8
Science 8	Digital Literacy 8 (Leadership)

Grade 9

<u>At NDSS</u>	<u>At Rink</u>
English 9	Math 9
Socials 9	Science 9
Language/Elective	PHE 9
Elective	Hockey 9

Grade 10

<u>At NDSS</u>	<u>At Rink</u>
English 10 ¹	Math 10 ¹
Socials 10	Career Life Education 10
Science 10	PHE 10
Elective	Hockey 10

Grade 11

<u>At NDSS</u>	<u>At Rink</u>
English 11 ¹	Math 11 ¹
Socials 11/12 ¹	Active Living 11 (PE 11)
Science 11 ² /Elective	Hockey 11
Elective	Elective (online course)

Grade 12

<u>At NDSS</u>	<u>At Rink</u>
English 12	Active Living 12 (PE 12)
Elective	Hockey 12
Elective	Elective (if needed) ³
their	
Elective	Elective (if needed) ³

Notes

- 1 - Several options available depending on interest and ability.
- 2 - It is recommended that students take their Science 11 course(s) at NDSS, though they can be taken as online courses at the rink.
- 3 - Grade 12s may not need these additional electives if they have met graduation and university entrance requirements. This time could be used as Study blocks.

Delta Hockey Academy students entering grade 8 will automatically be signed up for all the courses they require - no course selection is required. Students entering Grades 9-12 will be automatically signed up for the courses they are taking at the rink, and will sign up for online courses completed at the rink in early September. **For course selection, Grade 9-12 DHA students will need to select only those courses they are taking at the school, plus the grade appropriate Hockey course.** Students will need to sign up for the grade appropriate courses listed above (those 'At NDSS') through their MyED account. Students will also be asked to provide alternate course selections for their elective choices in case their hockey schedule conflicts with their first choice of electives.

For more information about the Delta Hockey Academy Program, please visit <https://deltahockeyacademy.com/> and contact the DHA staff.

Grade 9 Program

The Grade Nine Program contains nine courses. Students will be enrolled in eight courses and the learning objectives of Career Education 9 will be integrated throughout the year. Students will take three of their courses in semester one and three in semester two. Science 9 and PHE 9 are delivered as year long linear courses.

Required Courses

1. English 9
2. Social Studies 9
3. Science 9
4. Principles of Math 9 or Fundamentals Math 9 or Honours Math 9
5. Physical & Health Education 9

Elective Courses

6. Any Grade 9 Arts Education course
7. Any Grade 9 ADST course
8. Any Grade 9 elective (This could be a second Arts Education or ADST course if you wish.)

You will find a complete list and description of all North Delta Secondary School courses in this book.

Students requiring ELL 9 or Academic Strategies 9, please discuss your course selection with your counselor, LST teacher or ELL teacher.

COURSE DESCRIPTIONS

ADST

The Applied Design, Skills and Technologies (ADST) Department includes: Business Education, Home Economics, Information and Communications Technology, and Technology Education.

ADST 8

MADEM08, MADFS08, MADT-08, MADER08, and MADW-08

These courses will give students an introduction to three areas of Applied Skills: Business Education, Home Economics, and Technology Education.

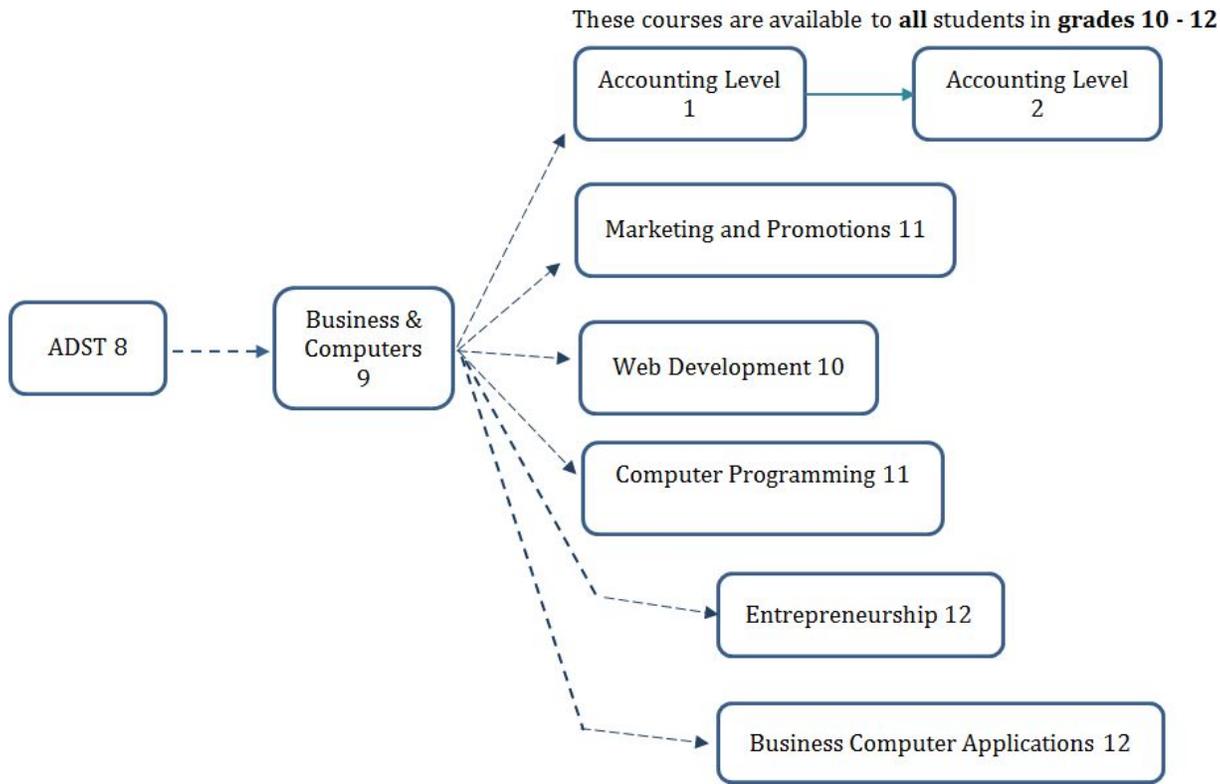
In Business Education 8, students will learn: to become good digital citizens through appropriate technology use, to use different presentation software and to develop some understanding of marketing and business while preparing for and running their own mini business. Students will use a block-based visual programming language and website to create their own interactive story and mini-game.

In Foods 8 and Textiles 8, students will develop safe practices in the kitchen, prepare a simple variety of foods and meals, will learn the basics of sewing and fabric use, and will create a project using sewing machines.

In Maker 8, students will learn to use drafting programming to imagine and design a variety of projects. In Wood 8, students will learn safety and basic skills in woodworking as they work to complete their project.

ADST: Business & Computers

Business Education Flowchart



Business & Computers 9

MADIT09

This course is an introduction to business and coding. Business topics include: marketing, entrepreneurship, hospitality and finance. Coding will use visual and/or text-based programming to create animations and games. A variety of computer programs will be used for hands-on problem solving activities and projects. You will also develop and/or improve your keyboarding speed and accuracy.

Web Development 10

MWBVD10

This is an introductory course in web site design. You will learn how to:

- Code and script using HTML and CSS
- Publish web pages
- Use Adobe Photoshop to create and edit images
- Improve your keyboarding speed and accuracy
- Understand how computer-based technology works

Open to all grade 10–12 students. ***Business and Computers 9 is recommended.*** This is an ADST course.

Computer Programming 11

MCMPR11

Enjoy coding and want to learn a text-based programming language? This course is an introduction to programming languages which may be taken by students who have no prior programming experience. Students should understand this course is a **language-based course** and requires very strong **logical** and **mathematical reasoning skills**. We cover data types, control structures, algorithm development, and program design with functions. Through games, activities, and projects, students will learn how to solve problems using a computer language. The examples and problems used in this course are drawn from diverse areas such as text processing to simple image and audio manipulation.

Open to all grade 10–12 students. Students should have keyboarding experience. *Business and Computers 9 is recommended.* This is an ADST course.

Accounting Level 1

MAC--11

Accounting is the “language of business” and every business needs accountants. This course is an introduction to how businesses process and maintain financial information based on accounting principles and ethical standards. You will learn through hands-on activities and projects. It is an excellent elective for anyone considering a career in business.

You will:

- Learn how businesses keep track of money transactions
- Use spreadsheets to organize finances
- Understand basic accounting standards like debit and credit theory
- Compete using Monopoly and accounting principles
- Develop a foundation for post-secondary business, marketing and entrepreneurship courses

This course is open to all students in grades 10 – 12. It is a foundation course for Accounting Level 2. A grade 11 credit will be assigned upon successful completion of this course. This is an ADST course.

Marketing and Promotion 11

MMAP-11

This is a practical, activity-based course that provides a solid introduction to marketing and retailing concepts. Students design and sell Husky Wear as a class business and you will learn skills and knowledge that employers want. Topics include:

- Retail marketing
- Consumer research
- Logo and product design
- Developing and operating a retail business including: promotion and advertising, financial accounting, store design, and more.
- Retail selling

Business and Computers 9 is recommended. This course is open to all Grade 10-12 students. This is an ADST course.

Accounting Level 2

MACC-12

This course is a continuation of Accounting Level 1 with an emphasis on computer applications. This is an excellent course for those students considering owning or managing a business or who plan to study business, finance or commerce at post-secondary. A grade 12 credit will be assigned upon successful completion of this course. This is an ADST course.

You will:

- Use accounting and spreadsheet software programs
- Understand the concepts involved in accounting for a merchandising company
- Analyze financial statements
- Complete a personal income tax return
- Learn about the Chartered Professional Accountant (CPA) program
- Be ready to work at any company as a junior accountant

It is expected that students taking this course have completed Accounting Level 1. This course is open to all Grade 11-12 students.

Business Computer Applications 12

MBCA-12

This project-based, hands-on course will give university and work bound students the skills needed for success in senior courses and in life after high school.

You will:

- Develop advanced business communication skills in various platforms
- Use technology to support collaboration and interaction with others
- Create and manipulate databases for budgeting and financial planning
- Use graphic design to create professional looking documents
- Explore issues in digital communication such as their risks, ethics and legalities

This course is open to all Grade 10-12 students. It is an ADST course.

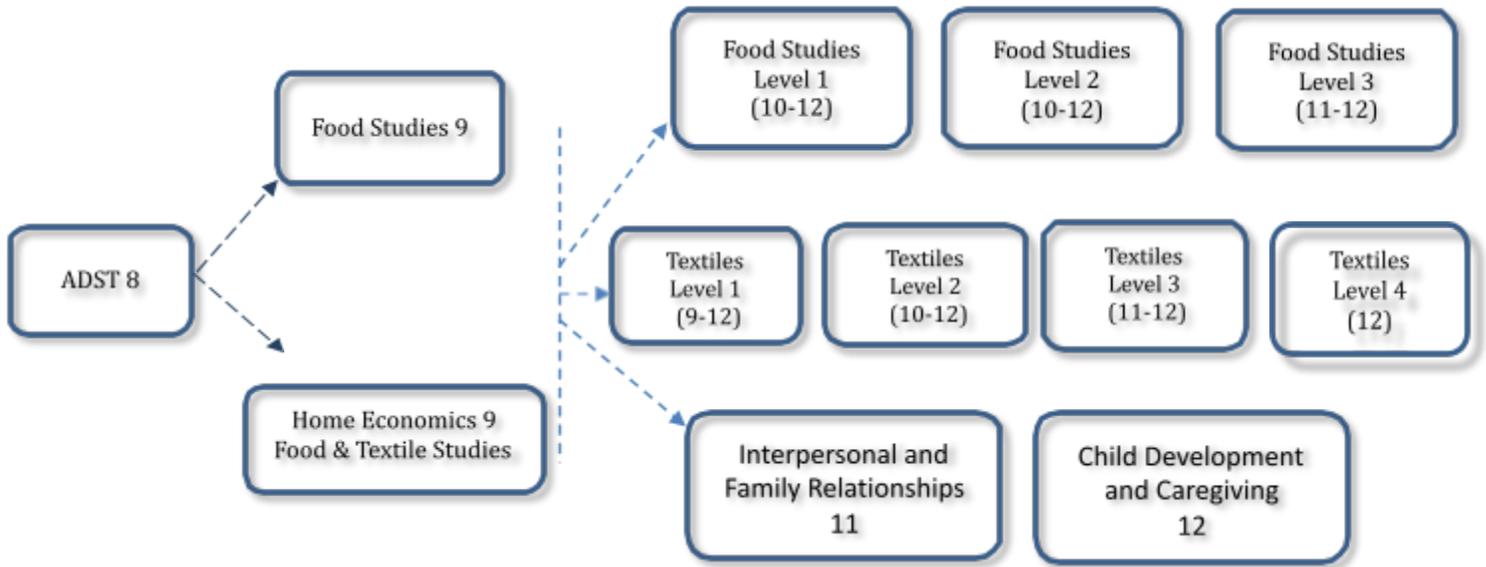
Entrepreneurship 12

MENT-12

This course uses individual and team-oriented projects to help students develop their creativity and risk-taking tolerance while challenging them as social entrepreneurs. It is an excellent course for anyone intending to study business at post-secondary. Students will develop an entrepreneurial mindset that is capable of critical thinking and problem solving in a fast-paced professional setting. Through field experiences and real-world projects, students will be exposed to different types of innovative entrepreneurial concepts, such as design thinking, rapid prototyping, and team-building. Students will also be challenged to identify and develop their personal professional strengths along with their innovative spirits to create a profitable or non-profit business.

Business and Computers 9 is recommended. This course is open to all grade 10 – 12 students. It is an ADST course.

ADST: Home Economics



Do you enjoy being creative in the kitchen? Are you thinking of becoming a chef? Want to be a fashion designer? Is working with children or being a future youth or adult counsellor in your plans? If so, then Home Economics courses should be a part of your course selection. We offer courses in the following: Food Studies, Family Studies and Textile Studies. Our courses are exciting, practical, hands-on and interactive. If sitting still isn't your style, if you're an active, motivated student looking to be challenged in a fun, creative environment, then think HOME ECONOMICS where you will learn SKILLS FOR LIFE – don't leave ND without it!

Food and Textile Studies 9

MADFS09FTX

This course builds on the introductory topics covered in Foods and Textiles 8. Basic practical skills are developed, enabling students to continue onto senior level courses with a strong foundation in these two areas.

Foods 9 topics will include baking: quick-breads, cookies, cakes and yeast breads; breakfasts, lunch and dinner dishes along with some meal planning. Creative group labs will allow students to plan meals together while demonstrating the cooking and baking skills you have learned.

Textile 9 topics will include basic sewing machine techniques to complete projects such as: Pajama pants, pull over hoodie, bags made out of recycled fabrics and/or student designed fabric.

ADST: Home Economics - Foods

Food Studies 9

MADFS09

Increase your knowledge of food by cooking up a storm. Need a break from sitting in a desk all day? In this course you will be chopping, slicing, dicing and planning your way to delicious snacks, meals and desserts you can prepare and eat all in one period. You will explore foods from other cultures including First Peoples traditional foods. This is an ADST course.

Food Studies Level 1

MFOOD10, MFOOD11, MFOOD 12

This is a continuation of Food Studies 8 and is for students who didn't take Food Studies 9 or Food and Textile Studies 9. Increase your knowledge of food by cooking up a storm. Need a break from sitting in a desk all day? In this course you will be chopping, slicing, dicing and planning your way to delicious meals and desserts you can prepare and eat all in one period. You will explore foods from other cultures including First Peoples traditional foods. This class is open to all grade 10-12 students. This is an ADST course.

Food Studies Level 2

MFOOD10LV2, MFOOD11LV2, MFOOD12LV2

This is a continuation of Food Studies 9 and Food Studies Level 1. This course moves beyond the basics of food preparation. Advanced food preparation will be learned with emphasis on gourmet and multi-cultural food preparation. Learn to plan and prepare interesting, nutritious meals, snacks, pastry and yeast products. Activities include creative labs and master chef type challenges. This class is open to all grade 10 -12 students **who have completed Food Studies 9 or Food Studies Level 1**. This is an ADST course.

Food Studies Level 3

MFOOD11LV3, MFOOD12LV3

This course is a continuation of Food Studies Level 2. Here you will further develop your food preparation skills. Recipes and topics will be decided based on student interests, abilities, career and personal goals and may include: cake decorating, gourmet meals, fusion dishes, multi-cultural foods and creative plating of food. This class is open to all grade 11 -12 students **who have completed Food Studies Level 2**. This is an ADST course.

ADST: Home Economics - Textiles

Textiles Level 1

MADT-09, MTXT-10, MTXT-11, MTXT-12

This is an introductory course into the field of textiles and fashion design, suitable for students who may have little or no sewing skills beyond Textiles 8. Basic skills will be increased slowly through the introduction of simple projects. Students will also choose their own projects within certain guidelines based on individual skill levels and personal interest. Projects may include pajama pants and tops, pull over hoodie, and onesies. Other projects will include upcycling/recycling fabrics; computer designed patterns that will be printed on fabric and then used to create a pillow or bag. This is an ADST course.

Textiles Level 2

MTXT-10LV2, MTXT-11LV2, MTXT-12LV2

This course builds upon the basic sewing skills and knowledge of the fashion industry learned in Textiles Level 1 or Food and Textile Studies 9. Pattern/fabric selection and fitting will be reviewed while introducing more advanced sewing techniques. Students will also learn more about fabric construction and clothing design. Students will individually choose 3 simple garments to create based on skill levels and personal interest. Common projects include hooded sweatshirts, lined skirts/shorts/pants, dresses and dress shirts. This class is open to all grade 10 -12 students who have completed Textiles Level 1 or Food and Textile Studies 9. This is an ADST course.

Textiles Level 3

MTXT-11LV3, MTXT-12LV3

This course is a continuation of Textiles Level 2. Using commercial patterns and the latest techniques, each student will create and fit at least three projects of their choosing showing growth and development in skill level as well as growth in different construction techniques. The choice of patterns depends on the student's skill level, budget and interest. This class is open to all grade 11 -12 students who have completed Textiles Level 2. This is an ADST course.

Textiles Level 4

MTXT-12LV4

This course is a continuation of Textiles Level 3. It is a highly individualized course where students will continue to learn, develop and challenge themselves in the various areas of fashion that interest them. Course work is supported by the creation of three garments chosen by the student with teacher approval. Students also have the option to develop a portfolio that can be used for presentation at colleges or fashion design schools. This class is open to all grade 12 students who have completed Textiles Level 3. This is an ADST course.

ADST: Home Economics - Other

Interpersonal and Family Relationships 11

MIAFR11

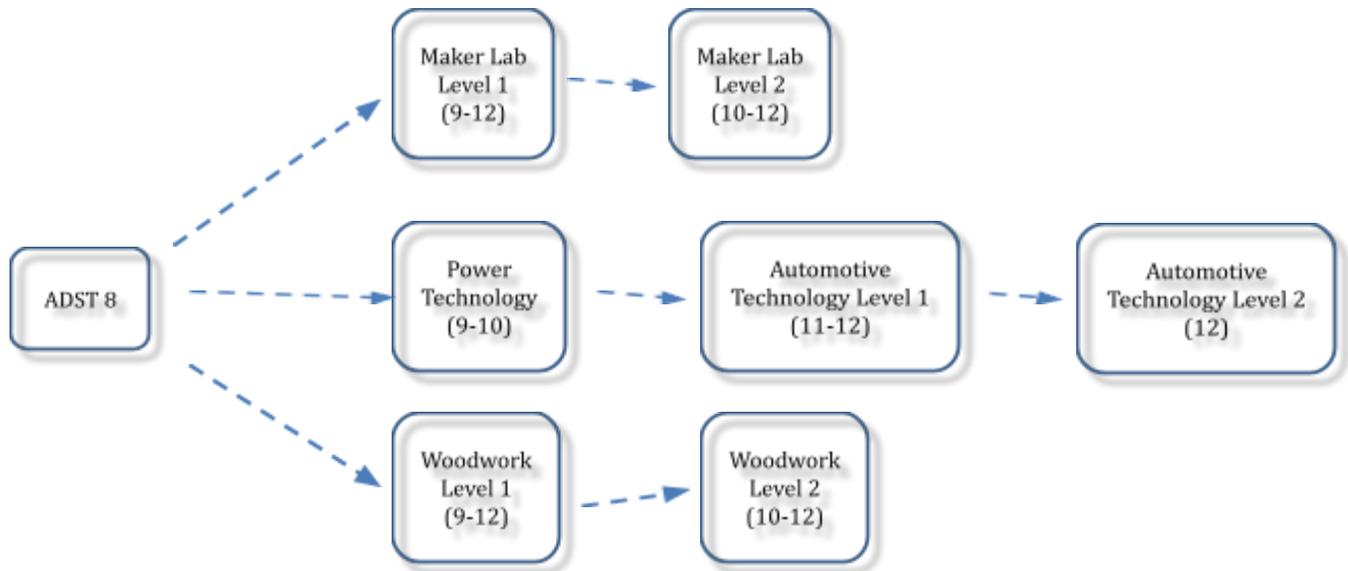
This course is designed to encourage self-reflection and critical thinking in all aspects of human relationships (family, friends, romantic partners, colleagues, etc.). Topics covered include: self-image and identity, love relationships and theories of attraction, parenting and child development, family dynamics, well-being and stress management, conflict and communication. This is a beneficial course for those interested in careers in counseling, law enforcement, social work, teaching, youth worker and other helping professions. This class is open to all grade 10-12 students. A grade 11 credit will be assigned upon successful completion. This is an ADST course.

Child Development and Caregiving 12

MCDAC12

This course is designed to encourage self-reflection and critical thinking in all aspects of human relationships across the life span from birth to death. Topics covered include: adolescent development, family, the many forms of romantic relationships, parenting, ageing, death and grieving. Work consists of projects, videos, research assignments, class discussions and guest speakers. This class is open to all grade 10-12 students. A grade 12 credit will be assigned upon successful completion. This is an ADST course.

ADST: Technology Education



ADST: Technology Education - Automotive Technology

Ever wonder what makes that automobile run, how the engine works, what parts are inside and what they do? Would you like to know how steering, braking, transmission, suspension, electrical, electronic, and other automotive systems are designed and how they operate? Learn about that car you will eventually own, whether for general interest or as a possible future career. Cars can be exciting and this can be your chance to learn all about them, not only in the classroom, but also in a well-equipped “hands-on” automotive shop. The Auto Tech courses at North Delta will help you achieve this knowledge, making you a wiser consumer, a more informed driver or possibly start you on an exciting career.

Power Technology 9 & 10

MADPT09, MTPOW10

This course will introduce students to power technology through the assembly, operation and repair of small engines. Students will be introduced to metal fabrication through the use of hand tools and machine operation with specific instruction on cutting, forming and welding of metal. This class can be taken in grade 9 and 10. This is an ADST course.

Automotive Technology 11

MTAUT11

This course will introduce students to the automotive service industry through a combination of classroom theory and practical work on operational vehicles. There will be a strong focus on safety and proper servicing techniques throughout. Topics included in the course are servicing and maintenance, wheels and tires, disc and drum brakes, ignition systems and cooling systems. This class is open to all grade 11-12 students. This is an ADST course.

Automotive Technology 12

MTAUT12

This course will provide students and opportunity for further examination of automotive repair and service through a combination of classroom theory and practical work on operational vehicles. Topics included in this course are drivetrain, steering, suspension, electrical, fuel, exhaust. This class is open to all grade 12 students, but prior course work in Auto Tech 11 is strongly recommended for success in this course. A grade 12 credit will be assigned upon successful completion. This is an ADST course.

ADST: Technology Education – Woodwork

Woodwork Level 1

MADW-09, MWWK-10, MWWK-11, MWWK-12

This is an introductory course open to all students. This “hands-on” course will focus on practical work in building a variety of interesting projects. Students will participate in the design of their projects and learn the safe use of basic hand tools and machines used in the woodworking industry to complete them. This class is open to all grade 9-12 students. This is an ADST course.

Woodwork Level 2

MWWK-10LV2, MWWK-11LV2, MWWK-12LV2

This course is open to all students who have completed Woodwork Level 1. This “hands-on” course will look to improve the safe practical skills of the students, offer more challenging projects and increase student participation in the design process of the projects. This class is open to all grade 10-12 students. This is an ADST course.

ADST: Technology Education - Maker Lab

Maker Lab Level 1

MADER09, MTRDF10, MENR-11, MENR-12

This is an introductory course that engages you in the design process using various technology in North Delta’s Maker Lab. Creative tinkerers and makers come together to dream, invent, build and share their ideas. Students will learn how to:

- Operate 3D printers, laser cutters and a vinyl cutter
- Design and produce unique products for yourself and others
- Use block programming to work with and customize robots

The design process will emphasize hands-on trial and error learning. Students are encouraged to discover and follow their passions, invent new creations and solve real world problems with innovative thinking. This course is a foundation for more advanced studies in design and manufacturing. This class is open to all grade 9-12 students. This is an ADST course.

Maker Lab Level 2 (10-12)

MTRDF10LV2, MENR-11LV2, MENR-12LV2

This is an intermediate course for students who have already completed Maker Lab Level 1. Students will be more responsible for their own learning, and for creating their own learning goals. Students will also participate in design challenges that will stimulate their creativity and innovation.

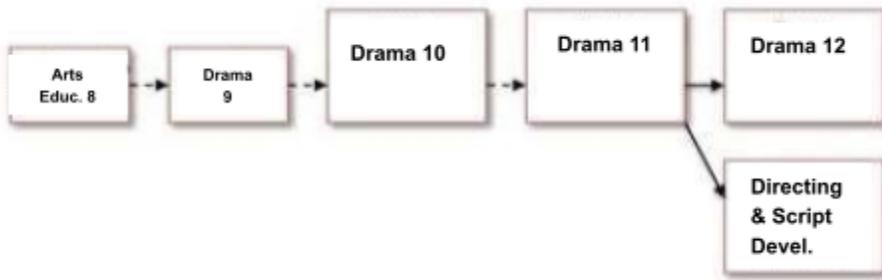
Students will learn how to build and maintain robots, computers, CNC equipment, and many other types of machinery. They will also be leaders in passing on skill sets to younger students. This class is open to all grade 10-12 students. This is an ADST course.

Maker Lab Level 3 (11-12)

MENR-11LV3, MENR-12LV3

This is an advanced course for students who have already completed Maker Lab Level 2. Students will be responsible for their own learning while engaging in an inquiry project of their choosing that allows them to develop and display skills in all areas of Maker Lab. Students will also participate in design challenges that will stimulate their creativity and innovation. This class is open to all grade 11-12 students. This is an ADST course.

Arts Education: Drama and Theatre



The Drama and Theatre curriculum is designed to provide students with the opportunity to discover the many facets of the creative world of the Performing Arts.

These include singing, acting, writing plays, and creating sets, costumes and props for the school play, as well as the technical aspects of computer produced sound effects, sound amplification, and stage lighting.

- **ACTING:** Students who are interested in acting should consider Drama 9 – 12, Theatre Company, or Musical Theatre.
- **SCRIPTWRITING:** Students who enjoy creative writing should consider Directing & Script Development.
- **STAGECRAFT:** Those with a practical or technical bent may wish to try working behind the scenes in Theatre Production.

Performing Arts courses could lead students to any of the many aspects of the ever-expanding arts and entertainment industry. Opportunities abound in radio, television, the recording industry, the teaching studio or classroom, and in the concert hall, both on the stage and behind the scenes. Two important highlights of taking Drama and Theatre courses are the opportunities to lead and be led, and to hone interpersonal skills in teamwork situations; both are essential skills in the workplace.

Arts Education 8: Drama

MDR--08

This course will give students an introduction to the Arts through some of the following areas: drawing, painting, sculpture, drama, music, or media.

Drama 9

MDR--09

The primary focus of Drama 9 is developing skills of movement, speech, confidence, communication, and cooperation through Drama games, warm ups, exercises, scenes, and group work. Students will explore a variety of dramatic forms, which may include: movement (mime, tableau, and stage combat); improvisation and theatre sports; role-drama and play building; character creation, scripted scenes, readers' theatre and more! A positive attitude, a willingness to work with others and an interest in learning about Drama is required.

This is an Arts Education course.

Drama 10

MDRM-10

Drama 10 is a transitional course which shifts the focus from developmental drama to the art of acting. The course is intended to broaden the students' theatrical experience as performer, spectator, and critic. Students will work with scripted material, employ improvisation, and explore mime and theatre games. It is expected that students will have a genuine interest in all forms of theatre and a willingness to want to perform. It is expected that students will work in ensemble, trios, pairs, and individually. Each semester, students will have field trip opportunities to see professional theatre productions. Course content is delivered and assessed by daily routines, participation, and performances.

Students in Drama 10, 11, and 12 are expected to perform in an evening performance or a filmed final performance. Energy, enthusiasm, a genuine interest in theatre, and an absolute willingness to perform are essential for success in this course.

Previous Drama classes are not required. This is an Arts Education course.

Drama 11

MDRM-11

This course will develop acting skills and will provide extensive experience in presenting improvised and scripted material. Creativity, increased self-awareness, leadership, as well as the theatre skills of characterization, blocking, speech, stage business, and script interpretation will be taught. Aspects of theatre history will be studied. Each semester, students will have field trip opportunities to see professional theatre productions. Course content is delivered and assessed by daily routines, participation and performances.

Students in Drama 10, 11, and 12 are expected to perform in an evening performance or a filmed final performance. Energy enthusiasm, a genuine interest in theatre, and an absolute willingness to perform are essential for success in this course.

Previous Drama classes are not required. This is an Arts Education course.

Drama 12

MDRM-12

This advanced course in acting will afford students opportunities to develop characters, create and present improvisational and scripted work and to expand and reinforce the skills emphasized in Drama 11, but goes further in content and expectations of the student. Students are expected to be serious in their commitment to theatre, as critical analysis and leadership are emphasized. Experienced Drama 12 students are given the opportunity to assist with casting and directing One Act plays, if they choose. Each semester, students will have field trip opportunities to see professional theatre productions. Course content is delivered and assessed by daily routines, participation and performances.

Students in Drama 10, 11, and 12 are expected to perform in an evening performance or a filmed final performance. Energy enthusiasm, a genuine interest in theatre, and an absolute willingness to perform are essential for success in this course.

Previous Drama classes are not required. This is an Arts Education course.

This course is for the committed theatre student who has taken previous Drama courses. The course may be offered in any block in conjunction with another Drama course. Students must be willing and able to work independently, write several redrafts, take criticism well, and be critical of written and performed work.

Experience in senior Drama courses, as well as consultation with the instructor, will determine entrance to the course. This is an Arts Education course.

Arts Education: Theatre Company



Theatre Company **10, 11, 12** provides students with the opportunity to mount a full theatrical production and perform it in front of an audience, emulating a professional theatre troupe. The focus is on the four steps required to create a theatre production: selecting the company, pre-production, production, and

post-production. These courses are grounded in the talent and commitment of a wide variety of students, who combine their skills to form a full production team. Students learn about the nature of a theatre company and the interconnected roles and responsibilities of the people who work in it. They examine the requirements for leadership, teamwork, commitment, theatre etiquette and protocol. Through participation in the rehearsal and performance process, students learn the skills and attitudes necessary to perform within a theatre company, including valuable personal and interpersonal skills that they can apply in broader social and career contexts. Students are expected to show discipline, flexibility and willingness as they face the challenge of working together towards the realization of a live theatre experience. As students work together to perform their roles in the production, they progress towards the high standards set by professional theatre. The life skills students acquire through this course, including communication, teamwork, problem solving, empathy, responsibility and organization, benefit them in all areas of their life and will enhance their employability regardless of their future career choice.

Auditions for Theatre Company 2021-2022 will take place in the Spring of 2021 and again for specific roles after the Fall semester begins. This course is open to all grade 9-12 North Delta Students. It is offered outside of the regular timetable on a regular basis, primarily in the first semester. Up to four rehearsals per week and evening performances are mandatory components of this course. Theatre Company is offered every second year, alternating with Musical Theatre. Auditions and consultation with the instructor will determine entrance to the course. No previous experience needed.

Theatre Company 10

XTP--08, XTP--09, MDRTC10

Theatre Company 10 is the beginning of student involvement in the theatre program. It is open to students in Grades 9 and 10. Following the structure and rigorous quality standards of professional theatre troupes, Theatre Company requires students to deepen the knowledge and apply the skills they have learned in Drama 8 and/or 9 and/or Musical Theatre 10 or to contribute their own personal experience for the benefit of the company.

Auditions and consultation with the instructor will determine entrance to the course. It is offered outside of the regular timetable on a regular basis, primarily in the first semester. Up to four rehearsals per week and evening performances are mandatory components of this course. This is an Arts Education course.

Theatre Company 11

MDRTC11

Theatre Company 11 is the development of student involvement in the theatre program. At the Grade 11 level, students are exposed to intermediate level acting methods and are granted some opportunities for leadership and solo performance. Following the structure and rigorous quality standards of professional theatre troupes, Theatre Company 11 requires students to deepen the knowledge and apply the skills they have learned in Drama 8-11, Musical Theatre 10, or to contribute their own personal experience for the benefit of the company.

Auditions and consultation with the instructor will determine entrance to the course. It is offered outside of the regular timetable on a regular basis, primarily in the first semester. Up to four rehearsals per week and evening performances are mandatory components of this course. This is an Arts Education course.

Theatre Company 12

MDRTC12

Theatre Company 12 is the apex of student involvement in the theatre program. At the Grade 12 level, students are exposed to higher level acting method and characterization, and are granted numerous leadership and performance opportunities. Following the structure and rigorous quality standards of professional theatre troupes, Theatre Company 12 requires students to deepen the knowledge and apply the skills they have learned in previous theatre courses (Theatre Company 10, Drama 11, Musical Theatre 11, Drama 12 and/ or Directing and Scriptwriting 12) in leadership and mentoring roles for the benefit of the company. Students are encouraged to have previous drama class experience.

Auditions and consultation with the instructor will determine entrance to the course. It is offered outside of the regular timetable on a regular basis, primarily in the first semester. Up to four rehearsals per week and evening performances are mandatory components of this course. This is an Arts Education course.

Arts Education: Dance Company

Dance Company provides a wide ranging survey of different dance genres and styles. Students will work with professional choreographers and dance instructors to learn basic techniques in these styles as a gateway to further studies in dance, as well as practice warm-ups, stretching, body control, and the building of stamina and strength progressing to dance combinations. Students will also learn how to prepare their own choreography for performance opportunities throughout the semester.

Students will work on a passion project focusing on a dance style of their choosing and develop their skills and understanding of this style through teaching their classmates choreography they develop themselves.

Note: No previous dance experience required.

Dance 9

MDNC-09

This is an introductory course to Dance providing students with foundational skills of different dance styles. Students will work with professional choreographers and dance instructors to learn basic techniques and history in these styles as a gateway to further studies in dance, as well as practice warm-ups, stretching, body control, and the building of stamina and strength progressing to dance combinations. Students will also learn how to prepare their own choreography for performance and competition opportunities throughout the term.

Because Dance Company courses are available for multiple grades, grade level expectations are adjusted based on the experience of students enrolled in the class. This is an Arts Education course. No previous dance experience is required.

This course meets the Daily Physical Activity requirement.

Dance Company 10

MDNCM10

This is a transition course in Dance expanding dance technique, history and repertoire. Students will work with professional choreographers and dance instructors to learn more advanced techniques in different styles of dance, as well as deepen their understanding of anatomy, practice warm-ups, stretching, body control, and the building of stamina and strength progressing to dance combinations. Students will also learn how to prepare their own choreography for performance and competition opportunities throughout the term.

Because Dance Company courses are available for multiple grades, grade level expectations are adjusted based on the experience of students enrolled in the class. This is an Arts Education course. No previous dance experience is required.

This course meets the Daily Physical Activity requirement.

Dance Company 11

MDNCM11

This is an advanced course of Dance, providing students with opportunities to showcase their technique in different dance styles through performances, competitions, and creating/teaching their own choreography and dance history. Students will work with professional choreographers and dance instructors to learn new, more advanced techniques in different styles of dance, as well as leadership opportunities to create/lead warm-ups, stretching, body control exercises, and dance combinations.

Because Dance Company courses are available for multiple grades, grade level expectations are adjusted based on the experience of students enrolled in the class. This is an Arts Education course. No previous dance experience is required, but is highly recommended.

This course meets the Daily Physical Activity requirement.

Dance Company 12

MDNCM12

This is an advanced course of Dance, providing students with opportunities to showcase their technique in different dance styles through performances, competitions, and creating/teaching their own choreography and dance history. Students will work with professional choreographers and dance instructors to learn new, more advanced techniques in different styles of dance, potential career paths in dance, as well as leadership opportunities to create/lead warm-ups, stretching, body control exercises, and dance combinations.

Because Dance Company courses are available for multiple grades, grade level expectations are adjusted based on the experience of students enrolled in the class. This is an Arts Education course. No previous dance experience is required, but is highly recommended.

This course meets the Daily Physical Activity requirement.

Arts Education: Theatre Production

Theatre Production classes (called Stagecraft in grade 9) are courses offered in backstage theatre: lights, sounds, props, set-design and construction, costumes, makeup, publicity, stage management, etc. Students should be self-motivated, willing to follow instructions precisely and work outside of school hours when needed to produce the yearly school play or musical. Interested Theatre Production students will also learn to be the main theatre technicians for school assemblies and outside rental groups. Because Theatre Production courses are available for multiple grades, grade level expectations are adjusted based on the experience of students enrolled in the class. Students in Theatre Production are given great responsibility, and are expected to develop and demonstrate outstanding leadership abilities. Many graduates of North Delta's Theatre Production program have gone on to careers in the motion picture and theatre industries.

**** This is an Arts Education course offered in multiple levels based on experience.**

Stagecraft 9

XST--09

This is an introductory course to Theatre Production and consists of both theory and practice. Students will be expected to devote considerable time "after hours" - especially when production is underway. Students are given the opportunity to explore different areas of interest within the theatre. Participants accept that Work ethic, safety, knowledge and respect of technical equipment are expected. Attitude, behaviour, and participation will feature in the on-going evaluation for this course. This is an Arts Education course.

Theatre Production 10 (Stagecraft)

MDRD-10

This is an introductory course to Theatre Production and consists of both theory and practice. Students will be expected to devote considerable time in "after hours" backstage work, especially when production is underway. Students are given the opportunity to explore different areas of interest within the theatre. Participants accept that Work ethic, safety, knowledge and respect of technical equipment are expected. Attitude, behaviour, and participation will feature in the on-going evaluation for this course. This is an Arts Education course.

Theatre Production 11 (Stagecraft)

MDRTP11

Theatre Production is an important part of theatre and includes many activities that are theoretical and practical, technical and creative. Students will create functional sets, as well as learn about lighting and sound techniques.

Students must be willing to make a commitment of extra-curricular time to enjoy success in Theatre Production. This is a practical course for students interested in theatre, either as a career or as a hobby. The instructor can connect students with further practical experience in semi-professional and professional theatre outside of the school. Assessment consists of skills and commitment of time and energy 50%. As well, students are required to "work" shows staged at the school. This is an Arts Education course.

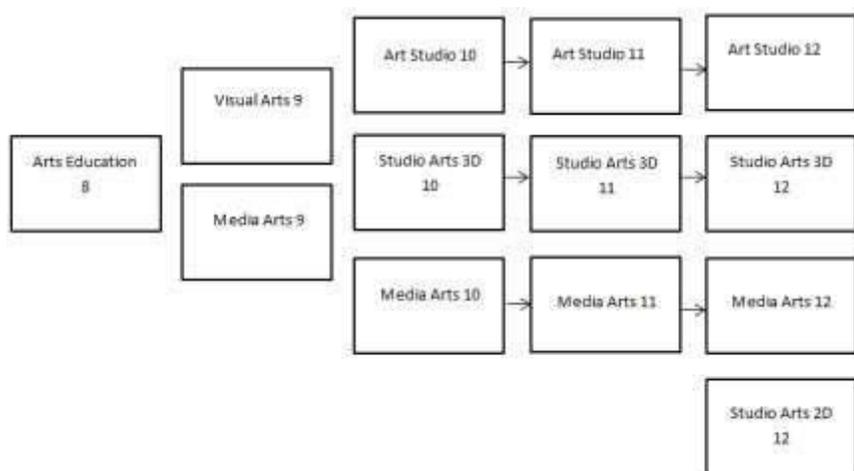
Theatre Production 12 (Technical Theatre)

MDRTP12

Theatre Production is an important part of theatre and includes many activities that are theoretical and practical, technical and creative. Students will create functional sets, as well as learn about lighting and sound techniques.

Students must be willing to make a commitment of extra-curricular time to enjoy success in Theatre Production. This is a practical course for students interested in theatre, either as a career or as a hobby. The instructor can connect students with further practical experience in semi-professional and professional theatre outside of the school. Grade 12 Theatre Production students are expected to be leaders, and will have greater opportunities to manage different aspects of the school production. This is an Arts Education course.

Arts Education: Visual Arts



Solid line indicates that prior success in Art courses is recommended.

The Visual Arts offer a wide variety of courses, both 2 and 3 dimensional. Beginners learn foundational skills and methods of expression, while advanced students explore their own style and can prepare for post-secondary opportunities.

Career Opportunities:

Many ND Grads have gone on to careers in the arts. The Arts in Canada is one of our largest industries, and the visual arts is a big part of that. You could become: a painter, a printmaker, a fashion designer, a sculptor, a graphic designer, a photographer, a film maker, a medical illustrator, a potter. You could become a designer of cars, furniture, homes, gardens, clothes, uniforms, posters, logos....

Arts Education 8: Visual Art

MAE--08

This course will give students an introduction to the Arts through some of the following areas: drawing, painting, sculpture, drama, music, or media.

Media Arts 9

MADMA09

This is an **exploratory** course in visual communications that combines photography and computer software like Adobe InDesign, Illustrator, and Photoshop. Topics may include:

- Digital SLR Photography
- Graphic Design
- Digital Illustration
- Film Making/Stop-Motion Animation

Students will challenge themselves to create artwork using computers and photography equipment. An interest and familiarity with computers and technology is important.

Visual Arts 9

MVA--09

An introductory course that covers both 2D and 3D art forms. Drawing, painting, and sculpture are combined with the theory of design. Drawing includes pencil, pen, conte, ink wash, colour pencils and oil pastels. Painting includes tempera and acrylic paints. An emphasis will be on POP ART and CONTEMPORARY ART. Sculpture includes paper mache, clay, assemblage with found objects, and mixed media. This course allows you to explore a number of different types of art and different techniques as well as introducing the use of a visual journal. This is an Arts Education course.

This course will have two components.

Those students who prefer to experience a broad survey of both 2D and 3D media will partake in the following:

This course is designed for students both with a background in the visual arts and those who are new to it. The course will expose students to drawing, painting, sculpture and printmaking. It is a studio course that will involve the production of a variety of projects in each area within the different disciplines of realism, expressionism and abstraction. Students will maintain a visual journal. Art history will encompass Canadian and work from other cultures. 3D projects include working with papier mache, wire, clay, mixed media and assemblage. This is a good course for students who wish to pursue a higher level of art, but it will also be beneficial for students wanting a general exposure to the visual arts. This is an Arts Education course.

Those students who prefer to concentrate on **2D** media will partake in the following:

This is an introductory course for those students who wish to broaden their art appreciation, knowledge, and techniques in the 2D area. Students will explore wet and dry media- drawing with graphite, conte, pastel, pencil crayons- painting with ink, tempera, acrylic, and watercolour. Students will develop and hone their skills through observation, self-reflection/ exploration, imagination, model work, and experimentation. Visual problem solving with an emphasis on originality and creativity is the main component of larger projects. Art history will encompass Canadian and work from other cultures. This is an Arts Education course.

Media Arts Level 1

MVAM-10, MVAMT11, MVAMT12

This is an **introductory** course in visual communications that combines photography and computer software like Adobe InDesign, Illustrator, and Photoshop. Topics may include:

- Digital SLR Photography
- Graphic Design
- Digital Illustration
- Film Making/Stop-Motion Animation

Students will challenge themselves to create artwork using computers and photography equipment. An interest and familiarity with computers and technology is important. Self-directed learners are more likely to excel in this course. This class is open to all grade 10-12 students. This is an Arts Education course.

Studio Arts 3D 10 (Sculpture)

MVAC-10

In this course students will work a variety of materials to produce 3D sculptural pieces. Some may be functional while others will be based more on their sculptural form. Students will have opportunities to work with clay, found objects, paper mache, wire, plaster and other mixed media materials. Students will study artists, art work and sculptural forms from different periods of history around the world. They will be expected to plan their work through drawing, but there is a greater emphasis on producing 3D artwork. This is an Arts Education course.

This course will have two components.

Those students who prefer to work with both 2D and 3D media will partake in the following:

This course provides an overview of the different studio arts, as it encompasses both 2-D and 3-D media and processes. Media may include graphite, pastels, charcoal, pen & ink, acrylic paint, water colour paint, tempera paint, mixed media, paper mache, clay and wire. Art history will cover from Primitive to Impressionism. Students will maintain a visual journal where they will explore techniques, image development and their own imagery. This is an Arts Education course.

Those students who prefer to work only with 2D media will partake in the following:

This course involves students in a variety of techniques within the primarily two-dimensional processes of drawing and painting. Students will be exposed to historical issues in the visual arts as well as interpret within these frameworks to create images of their own. They will study drawing as line, tone and high contrast in media such as charcoal, pencil, coloured pencil, and ink. Painting will involve water colour, acrylic and mixed media. Much of their work will be done on canvas at easels. Students will be required to maintain a sketch book for this course. This is an Arts Education course.

Media Arts Level 2

MVAMT11LV2, MVAMT12LV2

This is an **intermediate** course in visual communications that combines photography and computer software like Adobe InDesign, Illustrator, and Photoshop and builds upon knowledge and skills learned in Media Arts Level 1. Topics may include:

- Digital SLR Photography
- Graphic Design
- Digital Illustration
- Film Making/Stop-Motion Animation

Self-directed learners are more likely to excel in this course. An interest and familiarity with computers and technology is important. This class is open to grade 11-12 students. This is an Arts Education course.

Studio Arts 3D 11 (Ceramics and Sculpture)

MVAC-11

This course is a project based course that involves creating three dimensional forms in a variety of media. Students will work with clay, plaster, soapstone, paper mache, found objects and various other materials. Students will also study sculpture in art history and in cultural styles. Students will be required to draw in preparation for their works. This is an Arts Education course.

Studio Arts 2D 11 / 12 (Drawing and Painting)

MVAD-11, MVAD-12

This is an advanced level course in the drawing and painting media and will eventually lead to independent self-directed projects. Students will build on the previous techniques and will learn additional techniques to expand their knowledge base. They will work in their visual journals and will research artists from the past and from contemporary styles. A historical overview of MODERN ART will be included. The goal of this course is for each student to develop their own style and expression in drawing and painting. As well, a large mural painting is an option. This is an Arts Education course.

Art Studio 12 (Visual Arts)

MVAST12

This course is suited for students who have a solid background in art with strength in image development and the application of techniques and media. Students will be expected to produce high quality, self-directed projects as well as class assigned projects. They will work both in 2-D and 3-D media in a variety of different scales with an emphasis on personal expression. They will maintain a visual journal that will reflect art history; critiques, analysis, self-initiated work, ideas, plans and sketches for project work. A historical overview of both MODERN ART and CONTEMPORARY ART will be included. Major projects reflecting quality, technique, originality and creativity are to be completed in this course. As well, a large mural painting is an option. This is an Arts Education course.

Media Arts Level 3

MVAMT12LV3

This is an **advanced** course in visual communications that combines digital photography and computer software like Adobe InDesign, Illustrator, and Photoshop and builds upon knowledge and skills learned in Media Arts Level 2. Review projects in digital illustration, graphic design, digital photography, and filmmaking will refresh and challenge your skills. You will be expected to propose and complete a term project and post-secondary application portfolio worthy pieces. Self-directed learners are more likely to excel in this course. This class is open to grade 12 students. This is an Arts Education course.

Studio Arts 3D 12 (Ceramics and Sculpture)

MVAC-11

This course is a continuation of the principles and processes learned in Studio Arts 3D 11. Students will develop further in technical abilities and understanding of working with clay, plaster, wood, mixed media and reductive carving. Projects will again be the main thrust of the course but students will also be exposed to the work of a variety of modern and contemporary sculptors. One of the major projects for this course will be the modeling and casting of a life sized head sculpture. This is an Arts Education course.

Art: Yearbook

Yearbook Production 11

MGRPR11

This course will be offered outside of the regular timetable as a yearlong after school X-Block. Students are responsible for the production of the school yearbook. Students will learn skills in areas of journalism, digital design, photography, copywriting, page layout, advertising, and/or distribution. They will also become familiar with professional programs such as Adobe Photoshop and InDesign. Students will develop time management, collaboration, teamwork, communication and leadership skills. This course will be offered outside the regular timetable as linear after school block. Self-directed learners are more likely to excel in this course.

Open to students in Grades 10-11. This is an Art Education course.

Yearbook Design 12

MGRPR12

This course will be offered outside of the regular timetable as a yearlong X-Block. This course builds upon the skills developed in Yearbook Production 11 and enables students to take a leadership role in the design and production of the school's yearbook. Students are responsible for the production of the school yearbook. Students will learn skills in areas of journalism, digital design, photography, copywriting, page layout, advertising, and/or distribution. They will also become familiar with professional programs such as Adobe Photoshop and InDesign. Students will develop time management, collaboration, teamwork, communication and leadership skills. Self-directed learners are more likely to excel in this course.

Open to students in Grades 11-12. This is an Arts Education course.

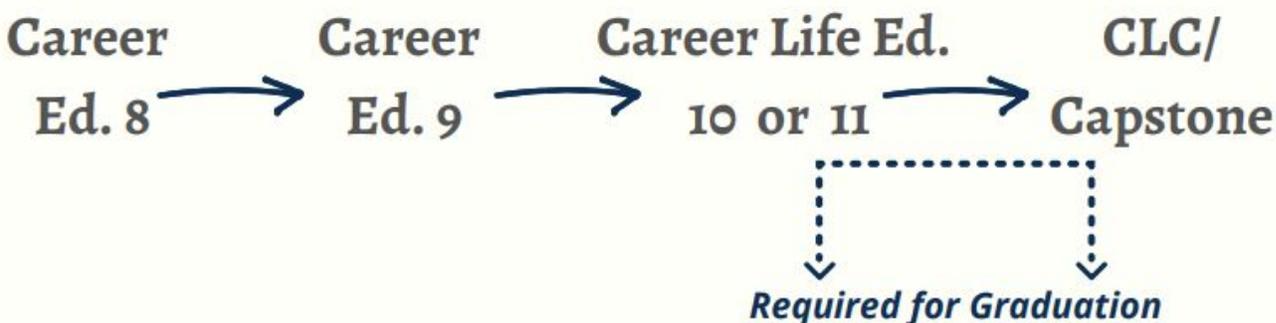


Career Life Preparation

Options & Opportunities

CAREER EDUCATION

Required Curriculum



CAREER PROGRAMS

Optional Experiential Learning



EXPERIENCE

Real life, hands on experience in an occupation of interest.



IN TRADES



IN TRADES

Start an apprenticeship while in high school.

For more information visit

www.deltalearns.ca/careers

Career Transitions 2021-22

Career development is one of the three main goals of the education system in British Columbia. A person's career is considered their "journey" through life, and the K-12 Career Education curriculum offers students the opportunity to pursue this in personally meaningful and goal-oriented ways. Students and parents can embrace the options & opportunities through administrators, teachers, career & post-secondary advisors, career facilitators, and counselors, as well as district staff, programs, events and our website. Career Education K-7, 8 & 9 helps youth begin to explore & discover who they are and who they want to be. This continues through to graduation and beyond with 8 credits of Career Education through Career Life Education (CLE) as well as Career Life Connections (CLC) & Capstone. In addition, Delta School District has a variety of excellent Career Programs options including Co-op and Work Experience programs, Youth apprenticeship & Trades ('Train in Trades' & 'Work in Trades'), and CTC CADD as opportunities for students to further enhance their career-life transition. Note that the current info, brochures, application packages, chart of program offerings, and links are on the District Website <https://deltalearns.ca/careers/>

Career Education 8 - 9

In Career Education 8 and 9, students explore concepts such as identity, leadership, personal planning, and transferable skills. Students begin to explore in greater depth their skills and passions, and begin to determine possible routes to their goals. This is done through activities that develop their self-awareness, working with others (collaboration and communication), career knowledge and awareness, and career planning. The required curriculum may include career focused learning within existing subjects, unique activities like Take Our Kids to Work Day in Grade 9, assemblies, student conferences, career fairs, subject based career days, or other career activities. These courses are automatically added - students do not need to select them during course selection.

Career Life Education 10

MCLE-10

Career Life Education is a graduation requirement and is typically completed as a linear course in Gr. 10. Career Life Education begins the 'experience & application' journey. Content includes self-assessment, goal setting, lifelong learning, grad requirements, financial planning, workplace etiquette, local & global labour market trends, essential career & employability skills, post-graduation opportunities, employment standards, workplace safety and awareness of work experience opportunities.

Career Life Connections & Capstone 12

MCLC-12

Career Life Connections & the culmination of a Capstone is a graded graduation requirement. Content will continue to emphasize the three main themes of Personal Career-Life Development, Connections with Community, and Career Life Planning, with the curricular competencies supporting these in a variety of ways. See the curriculum for details. Major outcomes are expected to include a 1) personal plan for post-graduation; 2) a career-life exploration of experiential learning (30 hours or more) which can include service learning, volunteerism, employment, fieldwork projects, entrepreneurship, and passion projects which focus on connecting to a plan after graduation; 3) and to design, assemble, and present a capstone project to an audience. This culminating project would demonstrate personal learning and achievement (in and out of school), growth in the core competencies, and a reflection on students' post-graduation plans.

CTC - CADD (Computer Aided Drafting & Design)

CTC (Career Technical Consortium) is with Kwantlen Polytechnic University and offers Grade 11 and 12 students the opportunity to get a head-start to their Drafting Citation program. Upon successful completion of a course, students will receive credit towards graduation as well as the Kwantlen credits towards the diploma. Offered at the Cloverdale campus, students apply for acceptance in the CADD program. Courses are offered on a part-time basis, two evenings per week (usually Tues/Thurs) in the Spring, Fall, and Summer semester. Three courses are available to accepted senior secondary students and those with Drafting 11 and/or 12 can write an

Assessment to achieve credit for a fourth course - CADD 1100. The district will cover the tuition for the first two courses, with the student responsible for the course tuition in the summer. Books and transportation arrangements and costs are the responsibility of the student. Please see the CADD brochure for further details and use the District Career Programs application to apply through your school.

Work Experience 12 (Career Preparation Program)

MWEX-2A

Students gain experience in the career field of their choice through a combination of employability skills training and 90 plus hours of work experience. Starting in grade 11 or 12 they develop their employability skills and are then placed with local employers in un-paid positions that align with their interests, passions, and future career goals. The community becomes the classroom where students gain experience at the workplace and will be better prepared to embrace or revise their career goals. Through employer assessment, students receive valuable real world feedback about their employability skills and technical skills. Registration is required; contact your school career staff or counselor for further details. Additional credit can be earned for Work Experience 12B by continuing on for a second 90 hours along with the needed curriculum. **This course is offered outside of the regular timetable.**

Youth Train in Trades (formerly known as ACE IT)

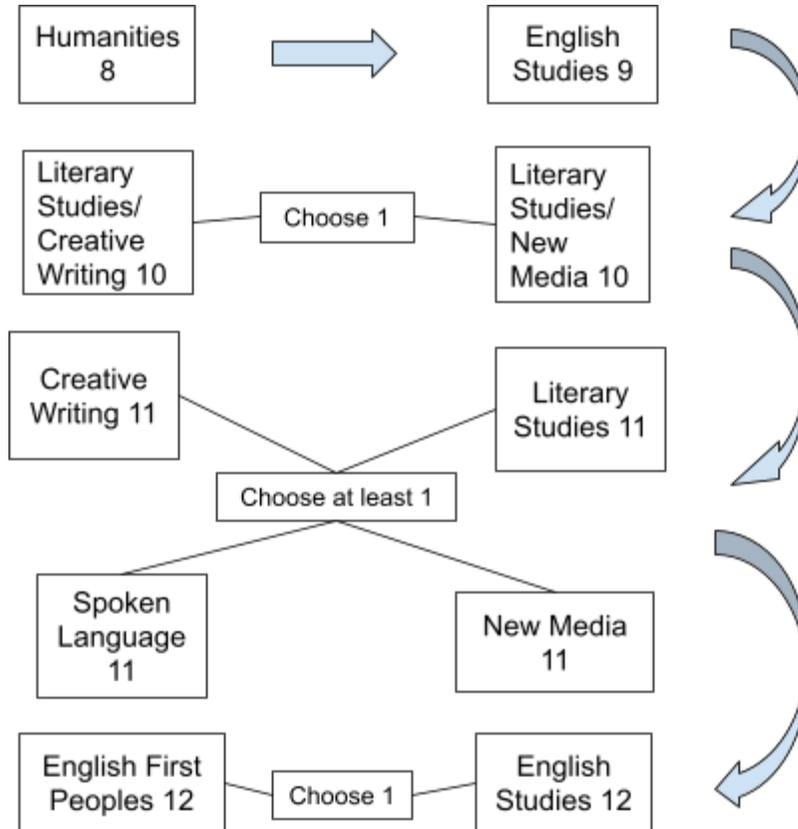
Youth Train in Trades is an industry training program for grade 11 to 'just graduated' secondary school students. It is the first year (level 1) of the classroom /shop training which is 20% of becoming a journeyperson (training on the job is the other 80%). Some programs run for a full semester, others are shorter or every other day at a linear school. Students take dual credit courses that will give them credit towards both secondary graduation and the first level of apprenticeship or industry training. 'Train in Trades' programs are offered as partnerships between school districts and training providers, as well as our own Designated Trainer facilities. Our partners include BCIT, VCC, KPU, and FTI. Upon successful completion they will receive credit for 'level one' of the technical training (in-class) component of an Industry Training Program. That means they will have a significant head start on post-secondary education by the time they graduate from high school - as well as gaining practical and in-demand skills. Work experience placements may be a part of a program and students also receive registration with the ITA. The District generally pays for the tuition costs with students being responsible for all other costs such as materials, personal safety equipment, textbooks, and learning modules. Students must follow an application process including a site visit, and have the needed essential skills to be considered for a District Youth Train in Trades program. Application does not guarantee acceptance to a program as seats are limited and competitive. **Applications are due prior to spring break for the following school year.** For more information on what Youth Train in Trades programs are currently offered and help with applying, please contact your school career contacts and visit the District Website under Career Programs.

Youth Work in Trades (formerly known as SSA)

Youth Work in Trades offers students aged 15 to school age 19 an opportunity to begin their apprenticeship while still in school. It is the beginning of training on the job which is typically 80% of becoming a journeyperson (classroom training is the other 20%). Students must be hired (paid) and working under the direction of a Journey Person. As well, their employer must agree to sponsor them with the ITA through Delta District as a Youth Apprentice. Up to four grade 11/12 courses (11a, 11b 12a, 12b) and a \$1000 award are possible. This is a great start or continuation to Youth Train in Trades as well. Work Experience 12 can also be used as a starting point. Advantages of Work in Trades include: four credits for each 120 hours of paid employment (up to a maximum of 16 credits for 480 hours), registration with the Industry Training Authority, potential for \$1000 award upon completion, earn hours towards your trade with the ITA, and learn in a 'real world' situation. For a complete list of the 100+ trades and further details, visit www.itabc.ca, especially the

‘Youth’ area. For more information on how to register as a Youth Work in Trades student, please contact your school career contacts or visit the District Website <https://deltalearns.ca/careers>

PLEASE SPEAK WITH OUR CAREER COUNSELOR, MS. DHANOA, OR YOUR GRADE COUNSELOR FOR MORE INFORMATION

English Course Booklet Offerings (2021-2022)**Humanities 8****MEN--08**

Humanities 8 is designed to provide students with various opportunities for learning through the English and Social Studies curricula. The course will include a balance of speaking, listening, reading, viewing, writing, and representing. A range of texts and media will be included to expose students to Composition, Creative Writing, Literary Studies, New Media, and Spoken Language. **This is a required course.**

English Studies 9**EN300**

English Studies 9 is designed to provide students with various opportunities for learning within the English curriculum. The course will include a balance of speaking, listening, reading, viewing, writing, and representing. A range of texts and media will be included to expose students to Composition, Creative Writing, Literary Studies, New Media, and Spoken Language. **This is a required course.**

Students must choose one of the following two options:

Literary Studies/Creative Writing 10

MLTST10, MCTWR10

Literary Studies/Creative Writing 10 is designed to provide students with various opportunities for learning within the English curriculum, while allowing students to follow their interests. Students will explore specific themes and authors through a variety of genres, and will express themselves creatively as they experiment with, reflect on, and refine their writing. This course will include a balance of speaking, listening, reading, viewing, writing, and representing. **A grade 10 English is required for graduation.**

Note: During course selection, students will select Creative Writing 10. Lit Studies 10 will be added to a students schedule at a later date.

Literary Studies/New Media 10

MLTST10, MNMD-10

Literary Studies/New Media 10 is designed to provide students with various opportunities for learning within the English curriculum, while allowing students to follow their interests. Students will explore specific themes and authors through a variety of genres, and will use various media to express their ideas and refine their writing. This course will include a balance of speaking, listening, reading, viewing, writing, and representing. **A grade 10 English is required for graduation.**

Note: During course selection, students will select New Media 10. Lit Studies 10 will be added to a students schedule at a later date.

Senior Course Offerings: Students in going into Grade 11 must **choose at least one** of the four senior English options. Students going into Grade 12 must **choose at least one** of the English 12 options., and may choose senior English courses as electives.

1) Senior Creative Writing

MCTWR11

Senior Creative Writing is designed for students who have an interest in creative expression through language. Students will explore personal and cultural identities, memories, and stories in a wide range of genres. Students will express themselves creatively as they experiment with, reflect on, extend, and refine their writing. The course will include a balance of speaking, listening, reading, viewing, writing, and representing.

2) Senior Literary Studies

MLTST11

Senior Literary Studies allows students to delve more deeply into literature as they explore specific themes, periods, and authors through a variety of genres. Students will be provided with the opportunity to broaden their understanding of themselves and the world. The course will include a balance of speaking, listening, reading, viewing, writing, and representing.

3) Senior New Media – Film Studies

MNMD-11

Senior New Media allows students to reflect on the changing role of technology in today's society, and the increasing importance of digital media in communicating and exchanging ideas. This course recognizes that digital literacy is an essential characteristic of the educated citizen. The course will include a balance of speaking, listening, reading, viewing, writing, and representing.

4) Senior Spoken Language

MSPLG11

Senior Spoken Language allows students to individually and collaboratively study, create, and use language to produce original pieces in a variety of modes. Students will be provided with opportunities for performance and public speaking. The course will include a balance of speaking, listening, reading, viewing, writing, and representing.

English First Peoples 12

MENFP12

English First Peoples 12 satisfies the secondary English Language Arts requirement in BC and is the academic equivalent to English Studies 12. It is designed to provide all students with various opportunities for learning and exploring themes and issues important not only to First Peoples but to all, with a goal of shared understanding. Students will have the opportunity to expand upon past English Inquiry projects or to explore a new area of interest through the Inquiry model. The course will include a balance of speaking, listening, reading, viewing, writing and representing. This is an academically rigorous course.

English Studies 12

MENST12

English Studies 12 satisfies the secondary English Language Arts requirement in BC and is the academic equivalent to English First Peoples 12. It is designed to provide all students with various opportunities for learning within the English curriculum, while allowing students to follow their interests and to choose according to their strengths and challenges. Students will have the opportunity to expand upon past English Inquiry projects or to explore a new area of interest through the Inquiry model. The course will include a balance of speaking, listening, reading, viewing, writing and representing. This is an academically rigorous course.

ELL: English Language Learners

Initial ELL courses will be determined through assessment testing. Students have the opportunity to complete multiple ELL levels in a semester based setting through practice and hard work. Students develop the concepts and language skills required to succeed in Science, Social Studies and English courses. A further goal is to assist students in adjusting to Canadian culture while maintaining their own cultural identity and self-esteem.

English Language Development 8

XESL-08ELD

This course is mainly intended for Beginning (Level 1) and Developing (Level 2) ELL students.

The course is designed to introduce ELL students to the four main English language skills of reading, writing, listening and speaking. It also encourages the viewing and representation of materials. The course focuses on developing strategies needed to read, write and extract information successfully in English, and addresses specific needs of students regarding language and culture. Students demonstrate English language proficiency in oral, visual, and simple written forms using Simple Present, Past, and Future Tenses. Students identify and compare their own customs to Canadian culture and customs.

ELL EXCEL 8

XESL-08ELL

This course is mainly intended for Expanding (Level 3) and Consolidating/Bridging (Level 4/5) ELL students.

This course is designed to enable ESL students to extend the four main English language skills of reading, writing, listening and speaking. It also encourages the use of viewing and representing. It focuses on extending the strategies needed to read, research and write successfully in standard English. It also addresses specific needs in language and culture. reading and writing. Thematic units, textbook study with a variety of texts, journal writing, group work, role play and oral reports will be used. A language evaluation will be used to place students.

English Language Development 9

XESL-09ELD

This course is mainly intended for Beginning (Level 1) and Developing (Level 2) ELL students.

The course is designed to introduce ELL students to the four main English language skills of reading, writing, listening and speaking. It also encourages the viewing and representation of materials. The course focuses on developing strategies needed to read, write and extract information successfully in English, and addresses specific needs of students regarding language and culture. Students demonstrate English language proficiency in oral, visual, and simple written forms using Simple Present, Past, and Future Tenses. Students identify and compare their own customs to Canadian culture and customs.

ELL EXCEL 9

XESL-09ELL

This course is mainly intended for Expanding (Level 3) and Consolidating/Bridging (Level 4/5) ELL students.

This course is designed to enable ESL students to extend the four main English language skills of reading, writing, listening and speaking. It also encourages the use of viewing and representing. It focuses on extending the strategies needed to read, research and write successfully in standard English. It also addresses specific needs in language and culture. reading and writing. Thematic units, textbook study with a variety of texts, journal writing, group work, role play and oral reports will be used. A language evaluation will be used to place students.

ELL English Language Development 10

YESFL0AD37

This course is mainly intended for Beginning (Level 1) and Developing (Level 2) ELL students.

The course is designed to introduce ELL students to the four main English language skills of reading, writing, listening and speaking. It also encourages the viewing and representation of materials. The course focuses on developing strategies needed to read, write and extract information successfully in English, and addresses specific needs of students regarding language and culture. Students demonstrate English language proficiency in oral, visual, and simple written forms using Simple Present, Past, and Future Tenses. Students identify and compare their own customs to Canadian culture and customs.

ELL EXCEL 10

YESFL0BD37

This course is mainly intended for Expanding (Level 3) and Consolidating/Bridging (Level 4/5) ELL students.

This course is designed to enable ESL students to extend the four main English language skills of reading, writing, listening and speaking. It also encourages the use of viewing and representing. It focuses on extending the strategies needed to read, research and write successfully in standard English. It also addresses specific needs in language and culture.

ELL English Language Development 11

YESFL1AD37

This course is mainly intended for Beginning (Level 1) and Developing (Level 2) ELL students. A language evaluation will be used to place students.

The course is designed to introduce ELL students to the four main English language skills of reading, writing, listening and speaking. It also encourages the viewing and representation of materials. The course focuses on developing strategies needed to read, write and extract information successfully in English, and addresses specific needs of students regarding language and culture. Students demonstrate English language proficiency in oral, visual, and simple written forms using Simple Present, Past, and Future Tenses. Students identify and compare their own customs to Canadian culture and customs.

ELL EXCEL 11

YESFL1BD37

This course is mainly intended for Expanding (Level 3) and Consolidating/Bridging (Level 4/5) ELL students. A language evaluation will be used to place students.

This course is designed to enable ESL students to extend the four main English language skills of reading, writing, listening and speaking. It also encourages the use of viewing and representing. It focuses on extending the strategies needed to read, research and write successfully in standard English. It also addresses specific needs in language and culture.

ELL English Language Development 12

YESFL2AD37

This course is mainly intended for Beginning (Level 1) and Developing (Level 2) ELL students. A language evaluation will be used to place students.

The course is designed to introduce ELL students to the four main English language skills of reading, writing, listening and speaking. It also encourages the viewing and representation of materials. The course focuses on developing strategies needed to read, write and extract information successfully in English, and addresses specific needs of students regarding language and culture. Students demonstrate English language proficiency in oral, visual, and simple written forms using Simple Present, Past, and Future Tenses. Students identify and compare their own customs to Canadian culture and customs.

This course is mainly intended for Expanding (Level 3) and Consolidating/Bridging (Level 4/5) ELL students. A language evaluation will be used to place students.

This course is designed to enable ESL students to extend the four main English language skills of reading, writing, listening and speaking. It also encourages the use of viewing and representing. It focuses on extending the strategies needed to read, research and write successfully in Standard English. It also addresses specific needs in language and culture.

Learning Strategies

Academic Strategies 8-12

XLDCA08STR, XLDCA09STR, YPA--0AD37, YPA--1AD37, YPA--2AD37

North Delta Secondary offers unique Academic Strategies courses in which students gain confidence in their learning and build academic and metacognitive skills (i.e., learning about how they learn best). Along with a focus on homework and studying, students participate in self-advocacy training and in strategy-building leading to self-regulation and personal growth. Students are expected to carry significant responsibility for their learning in these courses and are encouraged to discuss their decision to take these courses with a counsellor or with one of the Academic Strategies teachers. These courses should be scheduled with the most challenging subjects. Academic Strategies 10, 11, and 12 are each assigned four credits.

Some of the services provided by the course are:

- Skill improvement through academic focus
- Strategy development in many areas, including organization
- Goal setting (academic and personal) through IEPs or Learning Plans
- Exam adjudication and accommodations as indicated
- Achievement or psycho-educational testing based on need
- Post-secondary considerations

Literacy Skills 9/10

MENFF10

Literacy Skills is a course designed for students to acquire, practice, and enhance literacy skills across all subjects. Students will explore a variety of texts and apply corresponding literacy strategies to improve their reading and comprehension. Students will develop confidence by developing a greater sense of ownership of their learning through teacher feedback, self-assessment and reflection. **By teacher referral only. Course offered semester 1.**

Literacy Skills 11/12

YESFL1A

Literacy Skills is a course designed for students to acquire, practice, and enhance literacy skills across all subjects. Students will explore a variety of texts (both fiction and non-fiction) and apply corresponding literacy strategies to improve their reading, comprehension, and writing skills. Students will develop confidence by developing a greater sense of ownership of their learning through teacher feedback, self-assessment and reflection. **By teacher referral only. Course offered semester 1.**

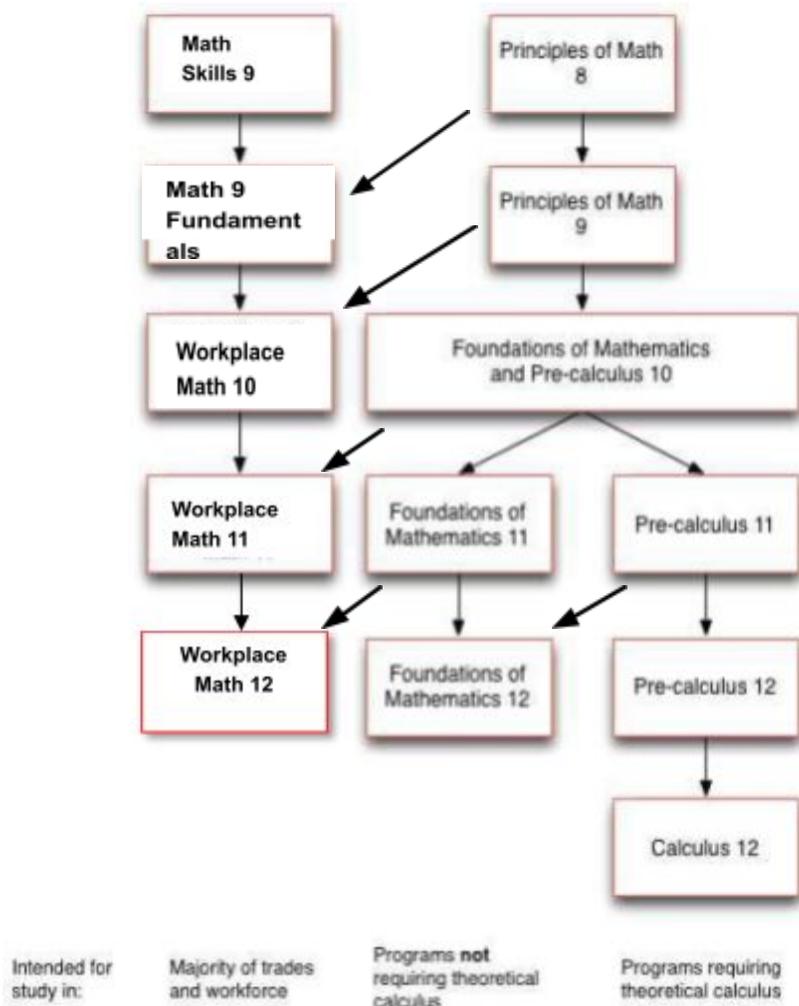
Math Skills 9

MMAFF10

Open to students who are achieving between 50% & 60% in math 8, with the approval of their current math 8 teacher. This course reviews math 8 concepts, & introduces some math 9 concepts. It is designed to improve basic math 8 skills as well as improve self confidence in math. The desired outcome is a student continuing on to math 9 & seeing success. **By teacher referral only.**

Math

Solid line indicates completion of the previous course is recommended.



Students should consult with their counsellor about Post-Secondary options as certain degree programs may have different requirements. It is essential that students investigate the required courses.

Challenge Mathematics 9-12 is for students with advanced abilities. Content material may be extended beyond the regular curriculum and assignments will place more emphasis on problem solving and skill development. Grades will be determined only by the scores received on regular grade level assessments.

Principles of Mathematics 8-9 Foundations and Pre-calculus Mathematics 10-12 This curriculum enables students to fulfill university, technical institute and college entrance requirements.

Mathematics 9 Fundamentals and Workplace Mathematics 10-12. These courses have been designed to provide a general understanding of mathematics focusing more on the use and applications of mathematics in everyday life.

Principles of Math 8

MMA--08

This course is intended for students entering grade 8 who have had prior success in math. Operations on integers, decimals, fractions, percent, rates and ratios, plane and solid geometry, algebraic expressions, equation solving and linear relations are included. **This is a required course.**

Math 9 Fundamentals

MMA--09FUN

This course is designed for students who have experienced major difficulties in previous academic math courses or who have taken Mathematics 8 Fundamentals. Topics covered include: number operations, data analysis, geometry, measurement and algebra. This course leads to Workplace Math 10. Students must take a Math 9 level course.

Math Skills 9

MMAFF10

**Math Skills is an LST course that requires teacher referral. Please refer to the LST section for further course details.

Math 9 Challenge

MMA--09CHA

This course is recommended for students who have achieved at a very high level in Math 8. Students will cover the same topics as in Principles of Math 9 but at a greater pace and depth. Advanced math abilities are required for this course as well as teacher recommendation. Students must take a Math 9 level course.

Principles of Math 9

MMA--09

This course continues to develop the student's understanding of number and number operations along with algebraic concepts. Further development will be done in the areas of data analysis, geometry and measurement. Basic concepts in probability, statistics, and financial literacy are also included. Students must take a Math 9 level course.

Foundations of Math and Pre-calculus 10

MFMP-10

This is the first course for either the Foundations of Mathematics or Pre-Calculus Pathways. This theory-based course explores topics such as: trigonometry, irrational numbers, polynomials, functions - especially linear functions. This course is intended for those students going into University, College, or Technical trades. Students must take a Math 10 level course.

Foundations of Math and Pre-calculus 10: Challenge

MFMP-10CHA

Students will cover the same topics as in Foundations of Math and Pre-calculus 10 but at a greater pace and depth. Advanced math abilities are required for this course as well as teacher recommendation. Students must take a Math 10 level course.

Workplace Math 10

MWPM-10

Workplace Math 10 allows students to continue working on the fundamentals of mathematics while exploring topics such as: measurement in both Imperial and SI units, geometry and basic trigonometry, consumer decisions, Personal finance, and algebraic formulas. This course is intended for those students who are planning direct entry into the workforce and technical trades. Check the entrance requirements for the program of study you are planning to take, to see if this course meets the prerequisite level. Students must take a Math 10 level course.

Foundations of Math 11

MFOM-11

This is an academic course that expands on some of the topics studied in Foundations of Math and Pre-calculus 10. Topics: Systems of equations and quadratic functions, logical reasoning, statistics, spatial and angle geometry. Check with your counsellor to see if this course will meet your post-secondary entrance requirements. Students must complete one Math 11 or 12 level course to meet graduation requirements.

Pre-calculus Math 11

MPREC11

This course is designed for students who require a strong mathematical background for future studies in the fields of science, engineering, electronics, computer studies, economics and some business courses. Topics of study include: Real Numbers, Powers, Radicals, Factoring Polynomials, Rationals, Quadratic Functions and Equations, Inequalities, Trigonometry, and Financial Literacy. This course has a lot of graphing concepts in it. Students who struggled with the graphing concepts in FPC Math 10 MAY have a hard time understanding the graphing concepts related to this course. Students should also have a strong understanding of concepts of factoring or they MAY have a hard time learning concepts that use factoring ideas. Check with your counsellor to see if this course will meet your post-secondary entrance requirements. Students must complete one Math 11 or 12 level course to meet graduation requirements.

Pre-calculus Math 11: Challenge

MPREC11CHA

This course is recommended for the very capable Math student who plans on writing for scholarship or various math contests. This course presents Pre-calculus Mathematics 11 topics in greater depth and breadth. Advanced math abilities are required for this course as well as teacher recommendation. Students must complete one Math 11 or 12 level course to meet graduation requirements.

Workplace Math 11

MWPM-11

This practical course meets the Mathematics requirement for graduation. Topics of study include relations and formulas, slope, income and debt, graph analysis and interpretation, measurement technology, trigonometry. Check with your counsellor to see if this course will meet your post-secondary entrance requirements. Students must complete one Math 11 or Math 12 level course to meet graduation requirements.

Workplace Math 12

MWPM-12

Are you interested in working in the trades industry? Interested in carpentry, plumbing, or welding? This course takes you through math skills you would need for life. This course will teach you how to measure with tools and graduated scales, conversions between metric and imperial measurement systems, why similar triangles are useful, how measurement is used in life, and how to be successful in getting a loan or investment for your own business. Check with your counselor to see if this course will meet your post-secondary entrance requirements. This is an elective course.

Calculus 12

MCALC12

This course is primarily intended for extremely capable Math students who plan to continue Math at the post-secondary level. Students who do not have some secondary school work in Calculus may have difficulty with subsequent Math courses at university or college. This course follows the Provincial Curriculum. Topics include: limits, differentiation, applications of derivatives, antidifferentiation and transcendental functions. A strong background in math is recommended for this course. This is an elective course.

Foundations of Math 12

MFOM-12

This is an academic course that expands on some of the topics studied in Foundations of Math 11. Topics include: financial applications, logical reasoning, probability, and relations and functions. Check with your counselor to see if this course will meet your post-secondary entrance requirements. This is an elective course.

Geometry 12

MGMT-12

Geometry 12 is designed to focus on the study of the properties and applications of common geometric figures in two dimensions as well as three dimensions. Logic and reasoning skills need to be used in problem solving and emphasis is given to applications to real world situations. Areas of study include geometric constructions, circle geometry, transformations, perspective and non-Euclidean geometry. This elective course is for students in grade 11 and 12. This is an elective course.

Pre-calculus Math 12

MPREC12

This course is designed for students who require a strong mathematical background for future studies in the fields of science, engineering, electronics, computer studies, economics and some business courses. Topics of study include: Transformations, Exponentials and Logarithms, Geometric Sequences and Series, Polynomials, Rational Functions, and Trigonometry. Check with your counsellor to see if this course will meet your post-secondary entrance requirements. This is an elective course.

Pre-calculus Math 12: Challenge

MPREC12CHA

This course is recommended for the very capable Math student who plans on writing for scholarship or various math contests. This course presents Pre-calculus Math 12 topics in greater depth and breadth. Math 12H students will write the same in-class final exam as Math 12 students. Advanced math abilities are required for this course. This is an elective course.

Statistics 12

MSTAT12

Are you interested in understanding statistics better? Do you want to have a clearer idea about research results? What does all the information from surveys & statistics tell us? If this interests you, take the new Statistics 12 course. Explore different ways of understanding & presenting data as well as using software & technology to communicate findings. Open to grade 11 & 12 students and is an elective course.

Modern Languages

Language studies at North Delta prepare students to be global-minded citizens. We currently offer French, Spanish and Punjabi courses. Our team of dynamic and enthusiastic language teachers will lead you on an experiential journey through speaking, listening, viewing, writing and reading in the target language and culture through the use of authentic as well as skill-focused activities and resources. Come learn one or several languages at ND! A positive attitude towards diversity is valued and celebrated.

Core French 8

MFR--08

French is an official language of Canada, and is also widely used throughout the world. It is spoken in 50+ countries and can be heard in North America, Europe, Africa, Asia and the South Pacific. Core French 8 is an introductory course. Students will be equipped with the basics in speaking, listening, viewing, reading and writing skills, and will also have the opportunity to engage meaningfully with the cultures of the French-speaking world. Themes include hobbies, food and travel.

Core French 9

MFR--09

Students build upon the skills acquired in Core French 8. Themed units include camping, fashion, sports and music.

Core French 10

MFR--10

This is an interactive, fun-filled and challenging course. Themes include home décor, job hunting, film and Canadiana. Students will further refine the skills acquired in Core French 8 and 9.

Core French Introductory 11

MFRI-10

This is an introductory French course that has been developed to offer an opportunity for students who did not begin French in earlier grades to study French at the senior level. This is an intensive course, designed to cover essential learning standards from Grades 8 to 10 in an accelerated time frame in order to prepare students for Core French 11. This course does not replace the richness of the Core French 8-10 curriculum. It is only open to students who did not have the opportunity to take French while in grade 8, or who have not successfully completed Core French 8. This course is open to students in grades 10 -12. This course does **NOT** meet the Grade 11 language requirement for university entrance.

Core French 11

MFR--11

Students will continue to grow in their command of the French language, and be able to discuss, listen to, view, write on and read about more complex matters. Themes include vacation, adolescence, consumerism/marketing, leisure activities, fine arts and French-speaking countries of Africa. **Note:** Students who complete this course will meet the Grade 11 language requirement for university entrance.

Core French 12

MFR--12

Students become increasingly confident and sophisticated in their use of French, and are able to communicate more precisely and engage at a higher level in the target language. Students work to refine oral and written expression, strengthen their listening, viewing and reading ability, and continue to explore cultures of the Francophone world. Themes include geography, slang, careers and immigration.

Punjabi Introductory 11

MIPUN11

This is an introductory level Punjabi course open to Grade 10, 11, or 12 students who have never studied Punjabi. Students who intend to use Punjabi as their language requirement for graduation or university entrance must be highly motivated and of good academic standing. The course is presented at a fast pace. The focus

begins with oral skills and progresses increasingly towards reading comprehension and written compositions. Students who already know how to read and write in Punjabi are encouraged to speak to the teacher to discuss appropriate placement.

Punjabi 11

MPUN-11

This is an intermediate level Punjabi course open to students who have successfully completed Punjabi Introductory 11 or have language background in Punjabi. Through a variety of communicative activities and projects, students will continue to expand their vocabulary and refine their ability to talk and write about past events as well as express their opinions about more abstract and hypothetical ideas. The themes are relevant and practical in everyday life. Students will be exposed to a variety Punjabi history, literature, and culture. **Note:** Students who complete this course will meet the Grade 11 language requirement for university entrance.

Punjabi 12

MPUN-12

Punjabi 12 builds on the skills of Punjabi 11. The focus is on literature, poetry and grammar, with emphasis on novels and short stories. Culture exploration is also an integral part of this course. The objective is to develop the highest possible degree of fluency in order to enable the student to think, read, write and speak the Punjabi language. Successful completion of regular Punjabi 11 is strongly recommended.

Spanish Introductory 11

MBSP-11

This is an introductory level Spanish course open to Grade 10, 11 or 12 students who have never studied Spanish. Students who intend to use Spanish as their language requirement for graduation or university entrance must be highly motivated and of good academic standing. The course is presented at a fast pace. The focus begins with oral skills and progresses increasingly towards reading comprehension and written expression. Culture is also a major component of the course. Students who choose to take Spanish must be willing to participate energetically in the many fun-filled activities and must be willing to commit considerable time to home study as opportunities to use the language in our community are negligible.

Spanish 11

MSP--11

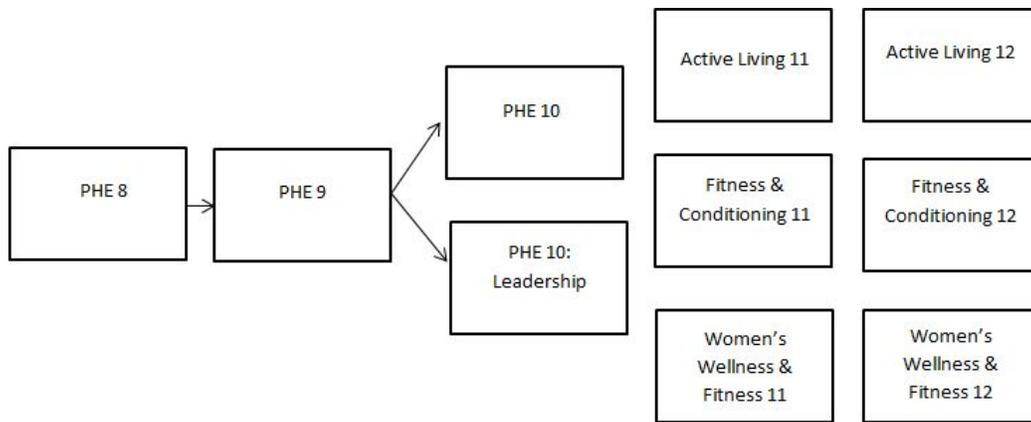
This is an intermediate level Spanish course open to students who have successfully completed Spanish Introductory 11. Those students who intend to use Spanish as a requirement for graduation or university entrance must be motivated, disciplined and prepared to work at a fast pace as they must complete two years of study in one. Through a variety of communicative activities and projects, students will continue to expand their vocabulary and refine their ability to talk and write about past events as well as express their opinions about more abstract and hypothetical ideas. The themes are relevant and practical in everyday life. Students will be exposed to a variety of Hispanic cultures. **Note:** Students who complete this course will meet the Grade 11 language requirement for university entrance.

Spanish 12

MSP--12

This is an advanced level Spanish course open to students who have successfully completed two years of intensive study in Spanish. The course will focus on vocabulary building, reading comprehension and composition writing. The aim will be to perfect linguistic skills so that they will be able to communicate with native speakers of Spanish and cope in a Spanish environment.

Physical Health & Education



The aim of the Physical and Health Education Department is to prepare well rounded students in the areas of physical literacy, personal fitness and leadership, as well as the development of understandings related to the theoretical knowledge of games, rules and strategies, and healthy decision-making. Students are exposed to a wide variety of individual and team

activities with an emphasis on activities that encourage a healthy lifestyle with a lifetime involvement. Responsibility, cooperation, sportsmanship, etiquette, attendance, punctuality, and participation are emphasized.

Physical & Health Education 8

MPHE-08

Physical & Health Education 8 reviews the activities taught in Physical Education 7 while promoting participation, skill development, theoretical knowledge, the improvement of fitness and includes a variety of individual and team activities. Thematic units include: Dance, Minor Games, Goal Games, Net & Wall Games, Target Games, and Combative Games. This is a required course.

Physical & Health Education 9

MPHE-09

Physical & Health Education 9 reviews and further develops the activities taught in Physical and Health Education 8 while promoting participation, skill development, theoretical knowledge, and the improvement of personal fitness. The course includes a variety of individual, and team activities. Students will also receive CPR training through the ACT program. Thematic units include: Dance, Minor Games, Goal Games, Net & Wall Games, Target Games, and Combative Games. This is a required course.

Physical & Health Education 10

MPHE10

Physical & Health Education 10 reviews the activities taught in Physical & Health Education 9 while promoting participation, skill development, theoretical knowledge, and the improvement of personal fitness, and includes a variety of individual and team activities. Students will also receive Emergency First Aid training. Thematic units include: Dance, Minor Games, Goal Games, Net & Wall Games, Target Games, and Combative Games. This is a required course.

Physical & Health Education 10: Leadership

MPHE10LEA

This Leadership course focuses on providing students with the opportunity to develop their leadership skills in the area of recreation. Students will be required to assist in the planning and execution of school and community events. Students will also have the opportunity to receive training as minor officials, referees, scorers and timekeepers for extra-curricular activities. Students will have the opportunity to enhance their learning through participation in field trips including planning and participating in an overnight camping field trip. This course meets the graduation requirements for Physical & Health Education 10

Students will go through an application process, and will be selected on the basis of leadership skills, attitude, participation and skill level. Please see a Counselor for more details.

Active Living 11/12

MACLV11, MACLV12

Students will have the opportunity to develop the skills and understanding of factors relating to team games and activities including officiating, coaching, organization of competitions and leagues, team dynamics, fitness training etc.

Students will also have the opportunity to enhance their learning through participating in field trips. This is an elective course.

Fitness & Conditioning 11/12

MFTCD11, MFTCD12

Students will learn various biological and biomechanical components of exercise in relation to healthy living including energy, muscular and cardiovascular systems.

Students will also explore various training models used by athletes participating in a variety of sports, and will develop and apply a personalized training plan for a culminating fitness related activity. Students will have the opportunity to enhance their learning through participating in field trips. This is an elective course.

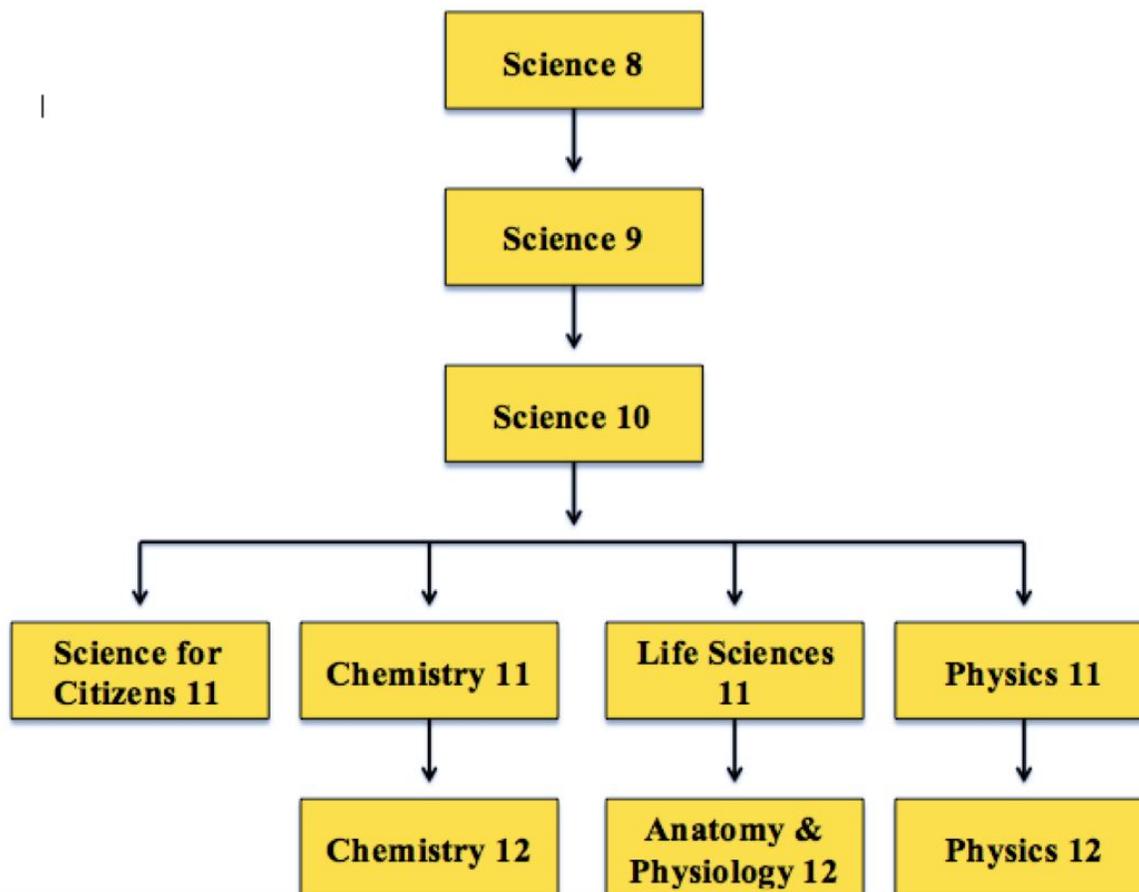
Women's Wellness & Fitness 11/12

MACLV11FFL, MACLV12FFL

This course is for self-motivated students with an interest in pursuing personal fitness, health, and wellness. Students will develop the knowledge, skills and attitudes necessary to incorporate physical activity into regular routines and leisure pursuits to live an active, healthy lifestyle by participating in a variety of games and activities. Students will have the opportunity to enhance their learning through participation in field trips. This is an elective course.

Sciences

The Science department provides a spectrum of courses to meet the varied interests of all students. It is the focus of the department to provide each science student with the basic science concepts and the skills necessary for scientific inquiry and critical thinking. Each course provides a strong foundation and preparation for further study either at the grade 12 level or at a post-secondary institution. Many careers are open to those with knowledge of the sciences. To explore your opportunities, visit the **Work Experience Programs pages**.



Science 8

MSC--08

Science 8 is a required BC course touching on 4 main science areas. Topics of study include: cells as living things, immune system, optics (mirrors, lenses and light); chemistry (types of reactions, atomic theory and introduction to periodic table); and earth science (plate tectonics). Science 8 works to improve the basic scientific knowledge of Grade 8 students and help them begin to make connections between topics. It will also provide opportunities for students to develop and gather evidence of their core and curricular competencies.

Science 9

MSC--09

Science 9 is a required BC course. Students in this course will use scientific processes and develop the knowledge, skills and attitudes necessary for scientific literacy. The topics of study include reproduction, atoms and compounds, electricity, and earth's spheres. Interwoven into each of these units will be opportunities for students to develop and gather evidence of their core and curricular competencies. A final scientific literacy assessment will be included.

Science 10

MSC-10

Science 10 is a required BC course. This general science course examines genetics, chemical processes, energy transformations, and the formation of the universe. Students will continue developing the skills of scientific inquiry and critical thinking. This is also an opportunity for students to investigate the areas of science they may wish to pursue in grades 11 and 12. Students may be evaluated on a combination of in-class assignments, projects, lab activities, quizzes, tests, and a final exam. Science 10 will also provide opportunities for students to develop and gather evidence of their core and curricular competencies.

Chemistry 11

MCH--11

This course involves the study of the classification of matter, chemical formulas, chemical reactions, solution chemistry, atomic theory, and organic chemistry. There will be an emphasis on understanding specific concepts and applying these to solve word problems. Strong math and problem solving skills are essential. Course content includes calculations and theory to solve word problems and hands-on practical lab work. This is an elective course.

Life Sciences 11 (Biology)

MLFSC11

This course includes Scientific method, microbiology, evolution, plant and animal biology, classification & ecology. This is a survey course of the kingdoms of living things and students are required to learn and apply a great many biological terms and concepts. It is expected that students will have to review notes on a regular basis. This is not a textbook oriented course. Regular attendance is essential as many of the class labs and activities cannot be completed at a later date. This is an elective course.

Physics 11

MPH--11

This course will introduce concepts of motion, forces, momentum energy, waves, and optics. There will be an emphasis on understanding specific concepts and applying these to solve word problems. Strong reading, math and problem solving skills are essential. Course content includes calculations, theory and practical applications. This is an elective course.

Science for Citizens 11

MSCCT11

In Science for Citizens, students will explore scientific concepts which impact our lives at home, in the workplace, and in the natural environment. Course content areas will include Personal Health, Forensic and Workplace Science, and Global Science. Where possible, connections will be made to technology and its application in the field of science. Science for Citizens provides students with their senior science credits required for graduation, but may not meet requirements for university/college science programs. This course is recommended for those who need to fulfill their senior science requirement.

Anatomy and Physiology 12 (Biology)

MATPH12

This advanced course covers human biology from the chemical to the systems level. Topics covered are DNA, the cell and cellular processes, digestion, circulation, respiration, and reproduction. Students are required to learn and apply a considerable amount of course material related to biological terms and concepts. This course also emphasizes the important skills of reading, note taking, understanding diagrams, memorizing, and critical thinking. Students must be prepared to invest time to master the course material. This is an elective course.

Chemistry 12

MCH--12

In Chemistry 12, students will be given the opportunity to develop their knowledge and skills. It is intended to be a more specialized course than the general course presented in Chemistry 11. The problem work will be more advanced than in previous years and a greater proportion of time is spent on theory. The core content, which makes up the course, consists of: reaction kinetics, dynamic equilibrium, solubility equilibria, acids, bases and salts and electrochemistry. This is an elective course.

Physics 12

MPH--12

This course will further examine topics in motion, forces, equilibrium, momentum and energy. It will introduce the concept of vectors to deal with two-dimensional analysis. Topics such as electrostatics, electric circuits, magnetic fields and electro-magnetic induction may be introduced if time permits. Physics 12 is intended to be a more specialized course than the general course presented in Physics 11. The problem work will be more advanced than in the previous year and a greater proportion of time is spent on theory. Exceptional math skills in trigonometry, graphing and problem solving are essential. This is an elective course.

Social Studies

Social Studies is a multidisciplinary subject that draws from the Social Sciences and Humanities to study human interactions and social and physical environments. At North Delta Secondary the main goal of Social Studies is to develop thoughtful, responsible, active citizens who are able to access and evaluate information, to consider multiple perspectives and to make reasoned judgments.

Students must take Social Studies in Grade 8, 9 and 10. **Students must take one senior level Socials class (11 or 12 level) in order to meet the Graduation Requirements.** However, students may take more than one Social Studies course in their Grade 11 or 12 year, and Grade 11 students may take Grade 12 level courses, and Grade 12 students may take Grade 11 level courses.

Please note that although Psychology 11 and Psychology 12 are part of the Social Studies department, these courses **may not** be used to satisfy the Social Studies 11 or 12 Graduation Requirement.

Humanities 8

MEN--08, MSS-08

Humanities 8 is not simply a blending of Social Studies 8 and Language Arts 8, but rather a thematic extension and enrichment of the curriculum of these two disciplines designed to help students make meaningful connections with the world around them. This is a required course.

Social Studies 9

MSS--09

The course examines the history of Europe and North America from 1750 to 1919. It will examine the impact of colonization and the development of North America during this period. This course will also examine the development of Europe and its impact on Canada and the United States. Students will take part in oral presentations, group and individual projects, library research and class assignments. Current events are integrated into the appropriate section of the course. This is a required course.

Social Studies 10

MSS--10

The emphasis of this course will be on Canadian studies from 1919 to present. Topics that will be covered include:

Canadian autonomy and identity, the industrialization of Canada, Canada's role in domestic and international conflicts, and discrimination and reconciliation in the Canadian context. A variety of research assignments, role playing, oral presentations, map-skills, current events, and decision-making strategies are incorporated into the course. This is a required course.

Explorations in Social Studies 11

MEPSS11

Explorations in Social Studies 11 offers students the opportunity to engage with multiple Social Studies topics, issues and areas. In this course, students will develop deep understandings and build skills while studying units selected from the following list of topics from BC's new curriculum: Political Studies, Geography, Economics, and Asian Studies. Political Studies is the study of major ideologies, the election process, and the democratic system. Physical Geography is the study of the Earth, natural disasters, natural resources and sustainability. Economics is the study of money, resources, and the business cycles around the world. Asian Studies looks at the social and political systems of Asia, inequality and human rights issues, as well as the impact of colonialism. This course is an elective course.

Psychology 11

YPSYC1AD37

This course serves as an introduction to the fundamentals of the study of the mind and human behavior. Some of the topics covered are: Social Psychology, Altered States of Consciousness, Perception, Psychological Disorders, Experimental Design, Emotions, Evolutionary Psychology, Biopsychology and an Introduction to the Major Perspectives in Psychology. The focus of the course is on actively doing activities that reinforce the theory that we are learning in class. As a result, we will do a number of experiments and surveys throughout. This is an elective course.

Law Studies 12

MLST-12

The focus of this course is the Canadian legal system. Topics covered include the court system, criminal law, the Charter of Rights and Freedoms, civil law, torts, marriage and divorce law, and employment law. Course content includes: class discussion, current legal events, text-based theory, field trips to Provincial and Supreme Courts and mock trials. This is an elective course.

Psychology 12

YPSYC2AD37

This course serves as a continuation of Psychology 11, but with more of an emphasis on theory. While reinforcing the topics learned in Psychology 11, we will cover all new information and theory. Some of the topics covered are: Developmental Psychology, Behaviorism, Freudian Psychology, Memory, Forensic Psychology, Therapy and Gender Psychology. The focus of the course is on actively doing activities that reinforce the theory that we are learning in class. As a result, we will do a number of experiments throughout. This is an elective course.

Social Justice 12

MSJ--12

The course will examine and encourage understanding of the following concepts: equity and equality for minority groups, ethics, sexual orientation, diversity, human rights and oppression. The course will develop critical thinking skills for a range of social justice issues. These issues will be analyzed from an ethical perspective. Students will conduct a self-assessment of their own attitudes and behaviours relating to social justice including recognizing injustice, embracing diversity, developing empathy and taking action. Activities include class discussion, individual and group projects, research assignments, current events and field studies. This is an elective course.

20th Century World History 12 (History)

MWH--12

While History 12 can be described broadly as a history of world affairs in the 20th century, it concentrates on the years between 1919 and 1991. This course studies international relations, social, political, economic and cultural aspects of great powers in the Twentieth Century: how great powers caused World War II, how democracy was rejected for communism in the USSR and fascism in Germany and Italy, and how the USA and USSR dominated power politics in the cold war confrontation and subsequent detente. History 12 requires

students to use historical evidence and fact to analyze and construct arguments, and to be aware of the subjective nature of history. A variety of instructional methods are used including text-based theory, videos, simulations, group work, debate, oral presentations, lectures, editorials, journals, etc. This is an elective course.

Genocide Studies 12

MGENO12

This course examines the development of genocide and mass murder of populations throughout human history, and the impact of the intentional destruction of peoples and their cultures. Students will make use of the term genocide to describe these atrocities, will assess similarities in progression and scope between different occurrences, and will learn the political, legal, social and cultural ramifications of these tragedies. Efforts to prevent genocide, such as international laws, commitments and enforcement to prohibit genocide and violence targeted against groups of people will also be analyzed using ethical perspectives. Students taking this course will develop critical thinking skills and will engage in assessing differing perspectives. This is an elective course.

Contemporary Indigenous Studies 12

MINST12

This course examines the varied identities and worldviews of Indigenous peoples, including culture, language, relationship, and interconnectivity. Students will analyze the trauma and resilience of various Indigenous nations and individuals in the face of genocide, including residential schools and modern systemic racism. Students will study the impact of colonialism, past and present, including a study of treaties and agreements between Indigenous nations and the government. Throughout, the course focuses on truth, reconciliation, healing, and allyship. This is an elective course.

Other:

Peer Tutoring 10, 11, 12

This course prepares and motivates students to provide leadership and assistance to individuals with a variety of needs. Students will develop social responsibility while acquiring skills in communication, leadership, teamwork, and conflict resolution. They will apply these skills in peer tutoring settings. Activities: Peer tutors will work one-to-one or with small groups of students assisting with academics, elective courses or life skills. Evaluation is based on daily performance, tutor assignments, record keeping, commitment, role modeling and a positive attitude. **Peer Tutors are expected to have: good attendance, strong communication skills, a mature and responsible attitude, the ability to follow written and verbal directions, satisfactory academic standing and have demonstrated proficiency in the subject area they want to tutor in. Students must apply through their counsellor prior to registering in this elective course.**

Academy & Choice Programs

ACADEMY PROGRAMS (Does not include DHA)

Academy programs are District run elective classes that may or may not take place at a different high school than where the student attends. Programs are credited courses scheduled within the school day. These courses fulfill student's graduation requirements. **Transportation is not provided.** Students from both out-of-catchment and out-of-district are eligible to participate in an academy program. Out-of-district students must be registered at a Delta school.

Applying is a two-part process:

1. Apply through MyEd. (If MyEd is closed please contact your school counsellor.)

AND

2. Also through online registration on the [Delta Academies website](#)

For online application, fees, videos, program content and information, visit us at: deltaacademies.ca or call (604) 952-5374.

PLEASE NOTE THAT DUE TO HEALTH AND SAFETY CHALLENGES, THERE ARE MANY ACADEMY PROGRAMS THAT WILL NOT BE RUNNING IN THE 2021-21 SCHOOL YEAR. THE CURRENT STATUS OF EACH ACADEMY IS NOTED BESIDE THE NAME OF THE ACADEMY IN RED. THE STATUS OF EACH ACADEMY MAY CHANGE AS HEALTH AND SAFETY REQUIREMENTS EVOLVE. PLEASE VISIT THE ACADEMIES WEBSITE OR CONTACT THE NUMBER ABOVE FOR THE LATEST INFORMATION ON ACADEMIES.

BASEBALL ACADEMY

Sands Secondary - NOT RUNNING IN 2021-22

Gr. 8 – 12 Males & Females

The Baseball Academy is coached by legendary former National team coach John Haar. John's resume is extensive including, founder of the National Baseball Institute, and International Baseball Federation's top coach in 1992. John is also a two-time Canadian Baseball Hall of Fame inductee as a builder and coach, and a long time coach of the PBL's North Shore Twins. Students will also work with several very qualified local coaches as well as Sands Secondary Teacher Coordinator and former pitcher for the Vancouver Canadians/Toronto Blue Jays organization, Eric Brown. Students in this academy are offered the opportunity to develop and refine their baseball skills and fitness levels throughout the entire school year. (2 block program every other afternoon).

BASKETBALL ACADEMY

Richmond Oval - NOT RUNNING IN 2021-22

Gr. 8 – 12 Males & Females

The Basketball Academy is run in partnership with Split Second Basketball. Former UBC Thunderbird, Eric Butler, founder and Program Director of Split Second Basketball, coaches the program along with other professional coaches from the organization. The Basketball Academy is a skills development academy (not a team) that allows students to come from different Delta high schools to train at one location and maintain eligibility at home schools as per BCSS eligibility regulations. Students in this academy are offered the opportunity to develop and refine their basketball skills and fitness levels. This Academy is open to students at all high schools. (2 block program every other day)

DANCE ACADEMY

Delta Secondary - STATUS TBD

Gr. 8 – 12 Males & Females

To be Announced. Please refer to the Delta Academies website: deltaacademies.ca for updates.

FILM ACTING ACADEMY

The Studio – Delta Manor Education Centre - RUNNING

Gr. 8-12 Males & Females

Coordinated by SDSS Drama Teacher, Jennifer Mckee, this academy offers aspiring film and television actors the opportunity to work with local actors, Cameron Bancroft, Alex Zahara and other talented guest instructors. Students will take on a serious study of on-camera work including auditioning, scene study, and meeting with industry professionals to guide their learning (including agents, casting directors, acting coaches, etc.). Students will work on career development for success in Vancouver's vibrant film acting industry - currently the largest film and TV production centre in North America! Students will work in collaboration with students in the Film Production Academy. "The Studio" is conveniently located by the Ladner Bus loop. (2 block program/Quarter 2)

FILM PRODUCTION

The Studio - Delta Manor Education Centre - **RUNNING**

Gr. 8 – 12 Males & Females

Coordinated by SDSS Drama teacher Jennifer McKee, this academy is designed for aspiring young film, television and documentary makers interested in learning the artistic and technical aspects of storytelling in pre-production, production and post-production processes from industry professionals: Garnet Campbell, Sandra Almond & Jason Mills. Academy is ideal for students wanting to develop a successful career in Vancouver's vibrant film industry - currently the largest film and TV production centre in North America! Students will work in collaboration with students in the Film Acting Academy. "The Studio" is conveniently located by the Ladner Bus loop. (2 block program/offered in Quarter 2)

FILM VISUAL EFFECTS (VFX)

The Studio – Delta Manor Education Centre - **RUNNING**

Gr. 8 – 12 Males & Females

This academy is designed for aspiring young Visual Effects Artists (VFX)! Students work with top Vancouver Industry professionals to learn the basics key components of VFX. Students learn the basics of: photography, modeling, texturing, lighting, rigging, rotoscoping, matte painting, compositing, dynamics, rendering to name a few! This program is run with the support of [CG Masters Professional Training Centre](#). This academy is ideal for students wanting to develop a successful career in Vancouver's vibrant film industry where we are the currently the largest film and TV production centre in North America! Students will work in collaboration with students in the Film Acting Academy and Film Production Academies to experience a real world collaborative process. "The Studio" is conveniently located by the Ladner Bus loop. (2 block program/ Offered in Quarter 2)

GOLF SEAQUAM SECONDARY (NORTH END)

Seaquam Secondary - **NOT RUNNING IN 2021-22**

Gr. 8 – 12 Males & Females

The Golf Academy is designed to improve individual golf skills, golf IQ and improve student's golf specific conditioning within the regular schedule of classes. This program is coached by, Teacher Coordinator, Bryce Hamade, and PGA of Canada Coach, Shingo Akizuki and golf fitness coach Lindsay Manion. The academy includes a 12 month junior membership at Mayfair Lakes Golf Course plus up to 6,000 range balls. This academy meets the needs of golfers from beginner to elite. (2 block program every other afternoon)

GOLF BEACH GROVE (SOUTH END)

Beach Grove - **NOT RUNNING IN 2021-22**

Gr. 8 – 12 Males & Females

The Golf Academy is designed to improve individual golf skills, golf IQ and improve student's golf specific conditioning within the regular schedule of classes. This program is coached by Teacher Coordinator, Bryce Hamade, and PGA of Canada Coach Keri Moffat and golf fitness coach Lindsay Manion. The academy includes a 12 month junior membership plus unlimited range balls during academy sessions. This academy meets the needs of golfers from beginner to elite. (2 block program every other afternoon)

DELTA LACROSSE ACADEMY

South Delta Secondary - RUNNING

Gr. 8 – 12 Males & Females

The Lacrosse Academy is coached by Evan Messenger, a professional NLL box player who has played for the Vancouver Stealth and San Diego Seals. Accomplished guest community coaches, including professional NLL box player Logan Schuss also frequent the Academy. Students in this academy will develop their lacrosse skills and core fitness as well as other athletic endeavours which allow transferable sport skills. College recruitment opportunities and support applying for athletic scholarships is available. The program includes knowledge on sports nutrition, injury management, stick stringing, athletic psychology player lacrosse profile, and a variety of cross training activities. This program is overseen by Teacher Coordinator, Patty Burr. Patty has extensive Lacrosse knowledge, which includes Minor President Delta Lacrosse, Coaching Coordinator, Senior Pioneers Lacrosse management, coach for both boys and girls box and field lacrosse, coach/sponsor of the South Delta Secondary lacrosse program as well as being a former competitive player herself. Academy runs at Dugald Morrison Park and Delta Manor Education Centre and is conveniently located by the Ladner Bus loop. (2 block program /Offered in Quarter 4)

PERFORMANCE ACADEMY

DMEC - NOT RUNNING IN 2021-22

Gr. 8 – 12 Males & Females

The Performance Academy works in partnership with [Vancouver Opera](#) (VO) and is designed for students who love theatre and music! This academy offers the class the opportunity (with support) to write their own music and theatre piece and present it at the Vancouver Opera Festival and around the district. Students study voice, acting and script/score writing with master teaching artists and attend VO's dress rehearsals with backstage access. Opportunities for apprenticeship programs are available. This program is overseen by Teacher Coordinator Jenn McKee. (2 block program every other afternoon)

SOCCER ACADEMY

Sands Secondary - NOT RUNNING IN 2021-22

Gr. 8 -12 Males & Females

This academy is coached by Martin Bittengl, a former professional player from the Czech Republic, as well as professional coaches, Mark Pennington and Ajit Braich. This program offers outstanding skill development opportunities to soccer players with a passion and commitment to improve their skills and abilities. This program is overseen by former UBC assistant coach and Sands Soccer Academy Teacher Coordinator Lucas Serres (2 block program every other afternoon)

SOCCER ACADEMY

South Delta Secondary - NOT RUNNING IN 2021-22

Gr. 8 – 12 Males & Females

This academy is coached by Vancouver 86'ers FC player and South Delta Teacher Coordinator, Stephen Burns and assistant coaches, Martin Bittengl, a former professional player from the Czech Republic, Paul Bahia who is a former Whitecaps FC Prospects player/coach, Nico Marcina and Andy Singh. This program offers outstanding skill development opportunities to soccer players with a passion and commitment to improve their skills and abilities. (2 block program)