



DELTA SECONDARY SCHOOL

COURSE
PROGRAM
GUIDE
2023~2024



A copy of this booklet can be found online at <http://de.deltasd.bc.ca/>



Welcome !



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Welcome to this important planning time in the school year. Planning carefully for a successful graduation and to maximize post-secondary opportunities is critical.

Read the course descriptions carefully and be thoughtful in your selections. Choose course options that open as many doors as possible to your future. Choose courses that allow you to enter a variety of post-secondary institutions. In your lifetime you will most likely change careers several times. Maximize your opportunities to learn as much as possible while in secondary school. All students in grades 8 through 11 are expected to have a full schedule without study blocks. To assist you with your planning, teachers, counsellors, our career advisor and administrators are pleased to answer questions and work with you on your educational plan.

Please note that courses can only be offered if there is sufficient enrollment and students who choose courses that are cancelled due to lack of enrollment will be assigned to alternate selections. Please give careful consideration to your alternates.

I encourage you to make the most of your high school experience!

Mr. J. Pavao



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Graduation Requirements

(minimum 80 credits)

REQUIRED COURSES (52 credits)

1. English Language Arts 10 (4 credits)
2. English Language Arts 11 (4 credits)
3. English Studies 12 (4 credits)
4. Social Studies 10 (4 credits)
5. Social Studies 11 or 12 (4 credits)
6. Science 10 (4 credits)
7. Science 11 or 12 (4 credits)
8. Mathematics 10 (4 credits)
9. Mathematics 11 or 12 (4 credits)
10. Physical & Health Education 10 (4 credits)
11. Fine Arts or Applied Skills 10, 11 or 12 (4 credits)
12. Career Life Education 10 (4 credits)
13. Career Life Connections (4 credits)

FINE ARTS / APPLIED SKILLS REQUIREMENT

FINE ARTS

Any Grade 10, 11 or 12 level Art, Drama or Music course meets the Fine Arts requirement.

and/or

APPLIED SKILLS

Any Grade 10, 11 or 12 Business Education, Home Economics, Information and Communications Technology or Technical Education course meets the Applied Skills requirement.

CAREER LIFE CONNECTIONS

Career development is one of the key components of the educated citizen, shared by schools, family and community. Education programs in B.C. schools should help prepare students for successful employment when they leave the school system. Students need opportunities to explore and research a multitude of education and career pathways, and they need to develop the knowledge and the personal and social competencies to manage their career and life transitions. All students are expected to meet the career development learning standards in their Career-Life Education (CLE) and Career-Life Connections (CLC) courses, and to complete 30 hours of work experience or career-life exploration before they graduate. As part of CLC, students must have their work experience, or volunteer/community service, or career-life explorations component documented and must identify and reflect on the employability skills and competencies they used or developed.

ELECTIVE COURSES (minimum 28 credits)

Any Grade 10, 11 or 12 course that is not a required course is considered an elective course. A minimum of 3 of these must be at the grade 12 level.

INDEPENDENT DIRECTED STUDIES (IDS)

Students in Grades 10, 11 or 12 can earn four credits under this category if they qualify for this designation by focusing on the learning outcomes of a course which has not been taken, such as an in-depth research project in a chosen topic or producing a school newspaper. Students have to apply for this "course" through the school administration and present a final product for evaluation.

EXTERNAL CREDITS

Students who have achieved a high level at extra-curricular (non-school) activities, such as athletics, leadership programs, music, etc. may qualify for external credits. See your counsellor for more information.

TOTAL CREDITS REQUIRED (80 credits)

1. A minimum of 16 credits must be earned at the Gr. 12 level.
2. All Ministry-authorized and board/authority approved courses count.
3. At least 4 credits must have an Indigenous focus.

PROVINCIAL ASSESSMENTS

There are three (3) Provincial Graduation Assessments that students must complete to meet BC graduation requirements:

- Grade 10 Numeracy Assessment,
- Grade 10 Literacy Assessment,
- Grade 12 Literacy Assessment.

Students are expected to write the Grade 10 Numeracy Assessment and the Grade 10 Literacy Assessment during their grade 10 school year. Students are expected to write the Grade 12 Literacy Assessment during their grade 12 school year.

Until graduation, students may write a Provincial Graduation Assessment up to three (3) times: the original attempt and two (2) re-writes. The best outcome for each of the Provincial Graduation Assessments will be recorded on the student's transcripts.

The Numeracy and Literacy Graduation Assessments are scored on a proficiency scale:

- Emerging (1),
- Developing (2),
- Proficient (3),
- Extending (4).

Students are NOT required to reach a minimum proficiency category in order to graduate; however, they will be required to complete the assessment to graduate. The intention is to allow students to demonstrate their "best level of proficiency," which will be shown on their transcript, and thereby provide an additional piece of evidence of a student's achievement.

Assessment results will be posted online by the Ministry of Education. The Ministry also forwards marks to post secondary institutions identified by students on the choices form completed in March.



Graduation Requirements

Summary of Graduation Requirements: Dogwood Diploma			
	Grade 10	Grade 11	Grade 12
Required: minimum 52 credits			
English Language Arts	Choose two 2-credit courses: <ul style="list-style-type: none"> • Composition 10 • Literary Studies 10 • EFP Literary Studies 10 • EFP Spoken Language 10 	Choose one 4-credit course: <ul style="list-style-type: none"> • Literary Studies 11 • EFP Literary Studies and Spoken Language 11 	Choose one 4-credit course: <ul style="list-style-type: none"> • English Studies 12 • English First Peoples 12
Mathematics	Choose one 4-credit course: <ul style="list-style-type: none"> • Foundations of Mathematics and Pre-calculus 10 • Workplace Mathematics 10 	Choose one 4-credit course: <i>(Grade 11 or Grade 12)</i> <ul style="list-style-type: none"> • Foundations of Mathematics 11 • Pre-calculus 11 • Workplace Mathematics 11 • Foundations of Mathematics 12 • Pre-calculus 12 • Calculus 12 	
Science	Required 4-credit course: <ul style="list-style-type: none"> • Science 10 	Choose one 4-credit course: <i>(Grade 11 or Grade 12)</i> <ul style="list-style-type: none"> • Physics 11 • Life Sciences 11 • Chemistry 11 • Science for Citizens 11 • Earth Science 11 • Physics 12 • Anatomy & Physiology 12 • Chemistry 12 	
Social Studies	Required 4-credit course: <ul style="list-style-type: none"> • Social Studies 10 	Choose one 4-credit course: <i>(Grade 11 or Grade 12)</i> <ul style="list-style-type: none"> • Explorations in Social Studies 11 • 20th Century World History 12 • BC First Peoples 12 • Economic Theory 12 • Law Studies 12 • Social Justice 12 • Physical Geography 12 • Political Studies 12 	



Graduation Requirements

Summary of Graduation Requirements: Dogwood Diploma			
	Grade 10	Grade 11	Grade 12
Arts Education/ADST	Choose 4 credits (<i>one course</i>) at either <i>Grade 10, Grade 11, or Grade 12</i>		
	<ul style="list-style-type: none"> Arts Education Applied Design, Skills, and Technologies (ADST) 		
Career Education	Required 8 credits in Career Education (<i>both courses listed below are required</i>)		
	<ul style="list-style-type: none"> Career-Life Education 10 Career-Life Connections & Capstone 12 		
Physical and Health Education (PHE)	Required 4-credit course:		
	<ul style="list-style-type: none"> Physical and Health Education 10 		
Electives: minimum 28 credits			
Depending on the school's offerings and student's choice, the number of electives in each grade level will vary. The 28 elective credits in Grades 10-12 can come from the following options:			
<ul style="list-style-type: none"> Ministry-developed or Ministry-approved courses Board/Authority Authorized (BAA) courses Independent Directed Studies (IDS) External Credentials Post-Secondary ("dual") credit 			
Elective Courses	Grade 10: 2-5 electives	Grade 11: 3-5 electives	Grade 12: 6-8 electives*
Total: 80 credits required for graduation			
<ul style="list-style-type: none"> At least 16 credits must be at the Grade 12 level, including a required Grade 12 Language Arts course. At least 4 credits must have an Indigenous focus. 			
Graduation Program Assessments			
Required for Graduation	<ul style="list-style-type: none"> Numeracy 10 Literacy 10 		<ul style="list-style-type: none"> Literacy 12



Course Lists

GRADE EIGHT

English Language Arts 8
Social Studies 8
French 8
Mathematics 8
Science 8
Physical & Health Education 8
Explorations 8 ADST
Explorations 8 Arts Education
Concert Band 8 Beginner
Concert Band 8 Intermediate
Choral Concert Choir 8
English Language Learners 8
Strategies 8
GradQuest 8
Supported Learning 8

GRADE NINE

English Language Arts 9
Social Studies 9
Mathematics 9
Science 9
Physical & Health Education 9
French 9
Spanish 9
Visual Arts 9 - Ceramics & Sculpting
Visual Arts 9 - Drawing & Painting
Visual Arts 9 - Graphics & Photography
Concert Band 9 Beginner
Concert Band 9 Intermediate
Choral Concert Choir 9
Guitar 9
Dance 9
Drama 9
Theatre Company 9 - Performance
Theatre Production 9 - Stagecraft
ADST - Food Studies 9
ADST - Textiles 9 (Sewing)
ADST - Metalwork 9
ADST - Power Mechanics 9: Small Engines
ADST - Technology Education 9: Engineering
ADST - Woodwork 9
ADST - Computer Animation 9
Career Education 9
English Language Learners 9
Strategies 9
GradQuest 9
Supported Learning 9

GRADE TEN

Composition & Literary Studies 10
First Peoples Literary Studies & Spoken Language 10
Social Studies 10
Foundations of Math & Pre-Calculus 10
Workplace Mathematics 10
Physical & Health Education 10
Physical & Health Education 10 - Jr. Studio Fit
Physical & Health Education 10 - Jr. Weight Training
Career Life Education 10
Science 10
Core French 10
Spanish 10
Entrepreneurship & Marketing 10
Photography 10
Studio Arts 2D 10 - Drawing & Painting
Studio Arts 3D 10 - Ceramics & Sculpting
Instrumental Music - Concert Band 10 - Int.
Instrumental Music - Concert Band 10 - Sr..
Instrumental Music - Guitar 10
Choral Music Concert Choir 10
Dance Company 10
Drama 10

Theatre Company 10 - Performance
Theatre Production 10 - Stagecraft
ADST - Culinary Arts 10 - Baking & Pastries
ADST - Culinary Arts 10 - Cafeteria Training
ADST - Food Studies 10
ADST - Textiles 10 (Sewing)
ADST - Computer Animation 10
ADST - Metalwork 10
ADST - Power Technology 10: Small Engines
ADST - Technology Explorations 10: Engineering
ADST - Woodwork 10
English Language Learners 10
Peer Tutoring 10
Strategies 10
GradQuest 10
Supported Learning 10

GRADE ELEVEN

Literary Studies 11
First Peoples Lit. Studies & Spoken Lang. 11
Explorations in Social Studies 11
Workplace Mathematics 11
Foundations of Mathematics 11
Pre-Calculus Mathematics 11
Life Science 11
Chemistry 11
Physics 11
Earth Science 11
Science for Citizens 11
Core French 11
Spanish 11
Introductory German 11
German 11
Active Living 11
Athlete Superfit 11 - Weight Training
Fitness & Conditioning 11 - Studio Fit
Fitness & Conditioning 11 - Weight Training
Recreational Leadership 11
Accounting 11
Marketing & Promotion 11
Art Studio 11 - Art Foundations
Photography 11
Studio Arts 2D 11 - Drawing & Painting
Studio Arts 3D 11 - Ceramics & Sculpting
Graphics Production 11 - Yearbook
Instrumental Music - Concert Band 11 - Int.
Instrumental Music - Concert Band 11 - Sr..
Instrumental Music - Guitar 11
Composition & Production 11 - Recording Studio
Choral Music Concert Choir 11
Dance Company 11
Drama 11
Theatre Company 11 - Performance
Theatre Production 11 - Stagecraft
ADST - Culinary Arts 11 - Baking & Pastries
ADST - Culinary Arts 11 - Cafeteria Training
ADST - Food Studies 11
ADST - Textiles 11 (Sewing)
ADST - Computer Animation 11
ADST - Computer Information Systems 11
ADST - Media Design 11
ADST - Engineering 11
ADST - Woodwork 11
ADST - Metalwork 11
ADST - Automotive Technology 11
English Language Learners 11
Peer Tutoring 11
Strategies 11
GradQuest 11
Supported Learning 11
Work Experience 11
Youth Work in Trades (SSA)

Youth Train in Trades (ACE-IT)

GRADE TWELVE

Career Life Connections & Capstone 12
English Studies 12
Creative Writing 12
English First Peoples 12
Foundations of Mathematics 12
Pre-Calculus Mathematics 12
Calculus 12 AP
Anatomy & Physiology 12
Chemistry 12
Physics 12
Core French 12
German 12
Spanish 12
BC First Peoples 12
20th Century World History 12
Economic Theory 12
Law Studies 12
Social Justice 12
Physical Geography 12
Political Studies 12
Criminology 12
History
Psychology 12
Active Living 12
Athlete Superfit 12 - Weight Training
Fitness & Conditioning 12 - Studio Fit
Fitness & Conditioning 12 - Weight Training
Recreational Leadership 12
Accounting 12
E-Commerce 12
Entrepreneurship 12
Art Studio 12 - Art Foundations
Photography 12
Studio Arts 2D 12 - Drawing & Painting
Studio Arts 3D 12 - Ceramics & Sculpting
Graphics Production 12 - Yearbook
Instrumental Music - Concert Band 12 - Int.
Instrumental Music - Concert Band 12 - Sr..
Instrumental Music - Guitar 12
Composition & Production 12 - Recording Studio
Choral Music Concert Choir 12
Dance Company 12
Drama 12
Directing & Script Development 12
Theatre Company 12
Theatre Production 12 - Stagecraft
ADST - Culinary Arts 12 - Baking & Pastries
ADST - Culinary Arts 12 - Cafeteria Training
ADST - Food Studies 12
ADST - Textiles 12 (Sewing)
ADST - Computer Animation 12
ADST - Media Design 12
ADST - Engineering 12
ADST - Woodwork 12
ADST - Metalwork 12
ADST - Automotive Technology 12
English Language Learners 12
Peer Tutoring 12
Strategies 12
GradQuest 12
Supported Learning 12
Work Experience 12
Youth Work in Trades (SSA)
Youth Train in Trades (ACE-IT)



Student Fees

Educational resource materials necessary for participation in the educational program which is required for graduation shall be provided free of charge.

STUDENT FEES MAY BE CHARGED FOR:

1. Goods intended for the student to take home for personal use or as a gift;
2. Goods such as writing tools, calculators, student planners, exercise books, or other supplies and equipment for a student's personal use;
3. Supplies and equipment which are parents'/students' responsibility, but are offered through the school as an optional purchase; such items do not require Board approval;
4. Activities such as field trips, special events, and extra-curricular activities, where the fees are limited to defraying actual costs of transportation, accommodations, meals, admission and equipment rentals;
5. Rental fees for musical instruments;
6. Deposits for educational resource materials such as textbooks, reusable workbooks and novels, with the deposit being refunded in whole or in part upon return of the materials.

PARENTS AND STUDENTS ARE RESPONSIBLE FOR PROVIDING:

1. School supplies and equipment, for example, pens, exercise books, calculators, film, rulers, for the student's personal use;
2. Clothing, for example, gym strip, uniforms, for the student's personal use;
3. Safety equipment, for example, safety gloves and boots, for the student's personal use;
4. A musical instrument for the student's personal use when enrolled in a course where students learn to play a musical instrument

ACCOMMODATING HARDSHIP

Where economic hardship is a barrier to participation, the school will work with parents and students to find alternate means to allow the student to participate. Questions regarding this process should be addressed to the Principal, counsellor or your child's teacher.



Distributed Learning Blocks

Delta Secondary offers a rich variety of courses and believes that students should take advantage of the opportunities and experiences provided at the school level.

The expectation is that students will be enrolled in a full-time schedule (8 courses).

A Distributed Learning block is a privilege reserved for senior students who are taking a course not available at the school level or after consultation with the counsellor and administrator are deemed an appropriate candidate.

Online courses require exceptional time management and discipline from the student learner as they are expected to complete the course independently and on their own—this is a difficult challenge for many students.

Grade 11 & 12 Students:

Grade 11 & 12 students may apply for a distributed learning block after consulting with their counsellor and grade administrator.

Senior students are entitled to one DL block on their timetable. Students taking more than one online course will take it as an additional course. In some extenuating circumstances, students taking multiple online courses can be a half-time student (part time) at Delta Secondary.

Grade 10 Students:

Grade 10 students are not permitted to receive a DL Block.

An online course is taken as a 9th course on the student's timetable. Grade 10 students are expected to have a full-timetable. In some extenuating circumstances, the administration may place a grade 10 student in a custodial distributed learning block.

Grade 8 & 9 Students:

Grade 8 & 9 students are not permitted to receive a DL Block.

An online course is taken as a 9th course on the student's timetable. Grade 8 & 9 students are expected to have a full-timetable as they are not on the Graduation Program which begins in Grade 10.

Process for a Distributed Learning Block:

1. Meet with your counsellor to look at online courses as a successful option for you
2. Discuss online option with parents and complete this application
3. Have parents contact your counsellor to discuss any concerns, questions or inquiries
4. If approved by a counsellor and administrator sign up and begin your online course
5. Bring in a progress report after have your DSS course officially dropped from your timetable and replaced with a

Expectations of a Distributed Learning Block:

- Online courses are not part of Delta Secondary and students with a DL block are required to report home or to the public library during a DL block.
- The school is not responsible for your child during a DL block—attendance is not taken and student progress in that course is not monitored.
- It is the student's responsibility to contact the online school and teacher directly with regards to progress reports, concerns or questions.
- It is the student's responsibility to complete the online course and meet the learning requirements outlined by the institution delivering the online course.
- The school is not responsible for supporting students with their online course work and supports will be directed towards the courses taken at Delta Secondary.
- It is the student's responsibility to sign-up for their testing and organize their own supervision for tests and assessments (as per the processes outlined by that institution delivering the online course).



Study Blocks

Delta Secondary offers a rich variety of courses and believes that students should take advantage of the opportunity for a full and comprehensive educational experience.

The expectation is that students will be enrolled in a full-time schedule (8 courses).

An in-school study block is a privilege reserved for senior students who have ample credits, a history of good attendance, and a challenging academic course load (5 post-secondary academic approved courses).

Gr. 12 Students:

Grade 12 students who have compiled 72 credits by the end of Grade 11 and have a minimum of 92 credits for graduation are entitled to one study block.

If a student does not make good use of their study block time, this study block may be rescinded and filled with a course in their timetable.

Grade 11 Students:

Grade 11 students are encouraged to be actively involved in eight courses.

Grade 11 students who have compiled 36 credits by the end of Grade 10 and are on a pathway to successfully complete 72 credits by the end of Grade 11 may apply if the following criteria are met:

- Student is maintaining a heavy academic course load (5 post-secondary approved academic courses) that would benefit from a study block (permission from parents, counsellor and administrator required).
- The student has earned a minimum of 4 G's in their work habit mark in term 3 of their Grade 10 year and a history of good attendance and academic achievement.

Grade 10 Students:

There are NO study blocks permitted for grade 10 students.

Students are expected to take a full schedule of 8 classes. If an on-line course is taken, it will be taken as a 9th course in the student's timetable. In extenuating circumstances, the administration may place a grade 10 student in a custodial study class.

Grade 8 & 9 Students:

There are NO study blocks permitted for grade 8 & 9 students.

Students are expected to take a full schedule of 8 classes. If an on-line course is taken, it will be taken as a 9th course in the student's timetable.

Expectations of a Study Block:

- Students must sign in at the library during their study block
- Students are not to be in the hallways or outside the building on the property
- Students are expected to work productively in their study block
- Students are allowed off school property only with parents permission
- Students must report to their counsellor on the oval track during an emergency evacuation.



ADST: Home Economics

FOOD STUDIES 8 - SEE EXPLORATIONS

FOOD STUDIES 9 (MADFS09)

Food Studies 9 (MADFS09) is a very hands-on social course, where students build the skills learned from grade 8 in the areas of kitchen and food safety as well as kitchen basics. Components of food preparation, including use and adaptations of ingredients, techniques, and equipment is practiced throughout this course. A variety of cooking techniques to produce baked goods as well as simple meals will be applied and practiced. Foods from different cultures and ethnicities will be introduced. Nutrition and healthy eating will be continued from last year and expanded upon. Course highlights include holiday baking, and decorating contests.

FOOD STUDIES 10 (MFOOD10)

Food Studies 10 (MFOOD10) is a hands-on practical course. Students will practice skills related to home baking and cooking. Topics covered in this course include: kitchen and food safety, meal design opportunities, food contamination and outbreaks, First Peoples food protocols, food trends, simple and complex global food systems, ethics of cultural appropriation, eating practices and mental and physical well-being. Course highlights include multiple baking and cooking competitions.

FOOD STUDIES 11 (MFOOD11)

Food Studies 11 (MFOOD11) is a hands-on practical course. Students practice skills related to home baking and cooking. Topics covered in this course include: kitchen and food safety, meal and recipe design opportunities, development of a recipe, issues involved with food security, dissecting international and regional food guides, First Peoples food guides, ethics of cultural appropriation, food labeling, and food promotion and marketing strategies. Course highlights include multiple baking and cooking competitions.

FOOD STUDIES 12 (MFOOD12)

Food Studies 12 (MFOOD12) is a hands-on practical course. Students practice skills related to home baking and cooking. Topics covered in this course include: kitchen and food safety, complex meal and recipe design opportunities, multi-course meal development and preparation, food justice, food politics, perspective in indigenous food sovereignty, ethics of cultural appropriation, nutrition and health claims, food philosophies, career options in food service and production, interpersonal and consultations. Course highlights include multiple baking and cooking competitions.

TEXTILES 9 - (Sewing) (MADT-09)

This course is designed for students who have an interest in developing and using skills with a focus on fabrics and materials. Students will have the opportunity to learn how to work with commercial patterns, and create clothing and crafts from start to finish. Students will be given the opportunity to become familiar with hand sewing as well as machine sewing. Introduction of design elements and principles will be given and used to design a holiday craft. If you are wanting the freedom to work alongside other classmates in a very creative and relaxed atmosphere this class is for you.

TEXTILES 10 - (Sewing) (MTXT-11)

This course is designed for students who have an interest in using and developing skills with a focus on fabrics and materials. This is a very hands on course, where students will have the opportunity to work with commercial patterns and become familiar with both hand sewing as well as machine sewing. Sergers and an embroidery machine will be available for use for more professional looking projects. Introduction to an array of different fabrics and materials will be given and reviewed as well as different care and handling practices. Continued introduction and learning pertaining to the principles and elements of design. If you are wanting the freedom to work alongside other classmates in a very creative and relaxed atmosphere this class is for you.

TEXTILES 11 - (Sewing) (MTXT-12)

This course focuses on textile design and creation, techniques in pattern modification, and repurposing of textile items will be included. This is a very hands on course, where students will have the opportunity to work with commercial patterns, and become familiar with both hand sewing as well as machine sewing. Different fabrics and their functionality will be learned and reviewed as well as different care and handling practices. Continued learning pertaining to the principles and elements of design. This course provides a very fun and creative environment for learning. If you are wanting the freedom to work alongside other classmates in a very creative and relaxed atmosphere this class is for you.

TEXTILES 12 - (Sewing) (MTXT-10)

Builds on knowledge and skills that were acquired in Textiles 11. This course is designed for students who have an interest in using and developing skills with a focus on fabrics and materials. This is a very hands on, fun and creative environment. Students will learn how to work with commercial patterns, and become familiar with both hand sewing as well as machine sewing. This course focuses on design and creation of complex textile items, methods for developing patterns, and textile manipulation techniques. If you are wanting the freedom to work alongside other classmates in a very creative and relaxed atmosphere this class is for you.



ADST: Culinary Arts

CULINARY ARTS 10 - BAKING & PASTRIES

(MCUL-10BAK)

Baking and Pastry Art focuses on professional preparation and presentation of baked products and pastry items. Students learn and develop skills for the baking industry. Students progress through yeast doughs, quick breads, pies, tarts, cakes, cupcakes, cookies, custards, frostings, syrups and sauces, using a hands-on approach. Baking and Pastry Art students take pride in creating delicious, high quality and attractive food items for the school's "Pacers' Bistro", as well as occasional banquets. The recipes, equipment and pace of the program are representative of a professional kitchen.

Theory and the B.C. FoodSafe course are taught through short lectures in the classroom. In addition, learning is achieved through exciting and dynamic culinary fieldtrips. Many scholarship opportunities and awards are available to outstanding Baking and Pastry Art students.

CULINARY ARTS 10 - CAFETERIA TRAINING

(MCUL-10CAF)

Culinary Arts program focuses on professional food preparation. Students learn and develop skills for the culinary industry. Culinary Art students take pride in creating delicious, nutritious and attractive food items for the schools "Pacer's Bistro" as well as occasional banquets. The recipes, equipment and pace of the program are representative of a professional kitchen. Student's progress through baking, sandwiches, salads, soups, sauces and hot foods, as well as customer service and sanitation using a hands-on approach.

Theory and the BC FoodSafe Certification Course are also taught through short lectures in the classroom. In addition, learning is achieved through exciting and dynamic culinary field trips. Many scholarship opportunities and awards are available to outstanding Culinary Art students. Students also develop an awareness of the need for constant attention to safety and hygiene within public food service operations.

CULINARY ARTS 11 - BAKING & PASTRIES

(MCUL-11)

Baking and Pastry Art focuses on professional preparation and presentation of baked products and pastry items. Students learn and develop skills for the baking industry. Student's progress through yeast doughs, quick breads, pies, tarts, cakes, cupcakes, cookies, custards, frostings, syrups and sauces, using a hands-on approach. Baking and Pastry Art students take pride in creating delicious, high quality and attractive food items for the school's "Pacers' Bistro", as well as occasional banquets. The recipes, equipment and pace of the program are representative of a professional kitchen.

Theory and the B.C. FoodSafe course are taught through short lectures in the classroom. In addition, learning is achieved through exciting and dynamic culinary fieldtrips. Many scholarship opportunities and awards are available to outstanding Baking and Pastry Art students.

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CULINARY ARTS 11 - CAFETERIA TRAINING

(MCUL-11CAF/MFOOD11CAF)

Culinary Arts program focuses on professional food preparation. Students learn and develop skills for the culinary industry. Culinary Art students take pride in creating delicious, nutritious and attractive food items for the schools "Pacer's Bistro" as well as occasional banquets. The recipes, equipment and pace of the program are representative of a professional kitchen. Students progress through baking, sandwiches, salads, soups, sauces and hot foods, as well as customer service and sanitation using a hands-on approach.

Theory and the BC FoodSafe Certification Course are also taught through short lectures in the classroom. In addition, learning is achieved through exciting and dynamic culinary field trips. Many scholarship opportunities and awards are available to outstanding Culinary Art students. Students also develop an awareness of the need for constant attention to safety and hygiene within public food service operations.

CULINARY ARTS 12 - BAKING & PASTRIES

(MCUL-12)

Baking and Pastry Art focuses on professional preparation and presentation of baked products and pastry items. Students learn and develop skills for the baking industry. Students progress through yeast doughs, quick breads, pies, tarts, cakes, cupcakes, cookies, custards, frostings, syrups and sauces, using a hands-on approach. Baking and Pastry Art students take pride in creating delicious, high quality and attractive food items for the school's "Pacers' Bistro", as well as occasional banquets. The recipes, equipment and pace of the program are representative of a professional kitchen.

Theory and the B.C. FoodSafe course are taught through short lectures in the classroom. In addition, learning is achieved through exciting and dynamic culinary fieldtrips. Many scholarship opportunities and awards are available to outstanding Baking and Pastry Art students.

CULINARY ARTS 12 - CAFETERIA TRAINING

(MCUL-12CAF/MFOOD12CAF)

Culinary Arts program focuses on professional food preparation. Students learn and develop skills for the culinary industry. Culinary Art students take pride in creating delicious, nutritious and attractive food items for the schools "Pacer's Bistro" as well as occasional banquets. The recipes, equipment and pace of the program are representative of a professional kitchen. Student's progress through baking, sandwiches, salads, soups, sauces and hot foods, as well as customer service and sanitation using a hands-on approach.

Theory and the BC FoodSafe Certification Course are also taught through short lectures in the classroom. In addition, learning is achieved through exciting and dynamic culinary field trips. Many scholarship opportunities and awards are available to outstanding Culinary Art students. Students also develop an awareness of the need for constant attention to safety and hygiene within public food service operations.



ADST: Information & Communications Technology

COMPUTER ANIMATION 9

(MADMA09)

Animation 9 is a new course that will interest students who wish to learn about "the art of movement" by developing skills in sketching, drawing and working with Zoetrope strips, as well as 2D and 3D computer animation. Working with computers for CGI animation is a growing industry today - so this will be a major component for this course. Blender, Sculptis, Pivot and Flash, Photoshop and Premiere Pro will be explored.

COURSE CONTENT - Freehand sketching, using computers to create 3D Scenes with Models - Props, lighting, camera motion, and making movies are some of the skills we will learn.

COMPUTER ANIMATION 10

(YCCT-0AD37)

Animation is a billion dollar industry, and Vancouver is home to several video game, television, and feature film animation studios. This course is designed to introduce students to the basic principles of animation by giving them hands-on experience with industry standard tools like Photoshop, Animate CC (Flash), and Blender. Students will complete several hand-drawn, stop motion, and 3D animation projects, and gain an understanding of the animation process from concept to completion. Students will also develop a critical vocabulary enabling them to dissect, critique, and discuss animated works.

COMPUTER ANIMATION 11

(YCCT-1AD37)

Animation is a billion dollar industry, and Vancouver is home to several video game, television, and feature film animation studios. This course is designed to introduce students to the basic principles of animation by giving them hands-on experience with industry standard tools like Photoshop, Animate CC (Flash), and Blender. Students will complete several hand-drawn, stop motion, and 3D animation projects, and gain an understanding of the animation process from concept to completion. Students will also develop a critical vocabulary enabling them to dissect, critique, and discuss animated works.

COMPUTER INFORMATION SYSTEMS 11

(MCINF11)

This course is for students interested in learning about computer hardware and software systems, and their maintenance and repair. The completion of this course will prepare students for A+ professional certification, essential for work in the computer sector.

This is a web-based course with practical hands-on labs. Students should be self-motivated and able to work independently. Credit will be given for Cisco IT Essentials 1 (which can count for credit at some post-secondary institutions) as well.

MEDIA DESIGN 11

(MMEDD11)

Media Design is a flexible learning environment that allows students to pursue their own interests: graphic design, film production, game design or web design. Students will work on projects such as magazine layouts, poster design, scripting, shooting and editing movies or building your own video games or phone apps; learn to use tools such as Phototshop, Illustrator, Premiere Pro and the Unity game engine. Students have access to great equipment including camcorders, digital cameras and drawing tablets.

Students should be self-motivated and able to work independently.

COMPUTER ANIMATION 12

(YCCT-2AD37)

Computer 3D Animation & CGI 12 is linked to the new 3D Digital Media program. Computer animation is a growth industry in BC. CGI skills with animation and modeling is a large part of that growth, with application to a diverse range of fields ranging from film and television production to computer game development and design.

COURSE CONTENT-This course will provide students with the opportunity to develop a skill set that will enhance their transition to post-secondary and industrial animation opportunities. Course Synopsis: An advanced course in animation with an emphasis on character animation, mesh models, lighting, camera movement and more. The course will be project driven with an emphasis on using the principles of animation.

MEDIA DESIGN 12

(MMEDD12)

This course is for grade 12 students, or students who have completed Media Design 11. Media Design 12 is part of the Delta Digital Design (3D) program. It is a flexible learning environment that allows students to pursue their own interests: graphic design, film production, game design, web design, or even 3-D printing! For those who have completed Media Design 11, this course gives students the freedom to further explore their areas of interest with more individualized projects and the opportunity to develop their portfolio. Students should be self-motivated and able to work independently.



ADST: Technology Education - Engineering

These programs offer every student who takes them an opportunity to gain skills that will last a lifetime! These courses can be taken for general interest, as a step towards apprenticeships, or can lead to a multitude of programs at Kwantlen College, BCIT, and other post-secondary institutions. Many of the programs encourage project construction or offer clubs that are a further extension of the class. Students interested in one of these areas should refer to the Careers section of the Course Planning booklet.

GENDER EQUITY: We are committed to gender equity and to improving the numbers of female students in Technology Education courses. The trades and technologies provide challenging, interesting and well-paid jobs. The trades and other technological careers are open to all.

TECHNOLOGY EDUCATION 9: ENGINEERING (MADIT09TEC)

This introductory Pre-Engineering course is for students who see a future designing and creating things. Students will use a full range of equipment like our 3D printers, 3D CNC Routers, CNC Metal Mill, Laser and Vinyl Cutters- complemented by industry level equipment in our fully equipped Metal and Wood Shops! Previous projects in the course have included robots, remote controlled submersibles and even a RC airplane, and this year we will explore projects like Drones, 2 player Mini Arcade (tabletop), and rockets! As with all of the Tech Studies courses, there is a large degree of student choice in the actual projects- we teach concepts and processes, and we encourage students to engineer their own applications!

TECHNOLOGY EDUCATION 10: ENGINEERING (MTEXP10)

Technology Education is the course for students who see a future designing and creating things. This is the only course where young engineers will be able to design, build, and create projects in our fully equipped Metal and Wood Shops. Previous projects in this course have included robots, remote controlled submersibles and even an RC airplane. As with all of the Tech Studies courses, there is a large degree of student choice in the actual projects- we teach concepts and processes, and we encourage students to engineer their own designs!

ENGINEERING 11 (MENR-11)

Engineering 11 is a high level continuation of the skills and knowledge gained in the Technology Education 9 and 10 courses. This course is for students looking to move into the field of Engineering upon graduation of high school. The course touches on the STEM approach and applies it to a hands on area, utilizing every Technology facility in the school, & exposing the students to a wide range of systems, including hydraulics, electronics, manufacturing, and programming. Such equipment includes is our 3D printers, 3D CNC router, CNC Metal Mill, laser and vinyl cutters! Projects that students may be involved in are designing and building a miniature (in some cases full size) fully functional arcade machine, rocketry, and ducted fan based flying vehicles. Items integrated to these projects may include working with Raspberry Pi mini computers and applying a wide variety of different sensors using and programming Arduinos.

ENGINEERING 12 (MENR-12)

Engineering 12 is a high level continuation of the skills and knowledge gained in the Technology Education 9 and 10 courses. This course is for students looking to moving into the field of Engineering upon graduation of high school. The course touches on the STEM approach and applies it to a hands-on area, utilizing every Technology facility in the school, and exposing the students to a wide range of systems, including hydraulics, electronics, manufacturing, and programming. Such equipment included is our 3D printers, 3D CNC router, CNC Metal Mill, laser and vinyl cutters! Projects that students may be involved in are designing and building a miniature (in some cases full size) fully functional arcade machine, rocketry, and ducted fan based flying vehicles. Items integrated to these projects may include working with Raspberry Pi mini computers and applying a wide variety of different sensors using and programming Arduinos.



ADST: Technology Education - Metalworking

METALWORK 8 – SEE EXPLORATIONS 8

METALWORK 9

(MADM-09)

COURSE CONTENT: Metalwork Technology 9 introduces students to the processes used to design, layout, form, shape and finish metal. We might Lathe Turn, Mill, Braze, Forge, Cast, Weld, Plasma Cut or Form different metals as we build unique projects with the processes learned. We use our CNC Mill Simulator, CNC Mills, CNC Routers, and 3D printers to learn modern machining methods while we make parts, and patterns! The emphasis for this course is to learn through doing, so Safety and Theory paperwork supports the practical work.

ASSIGNMENTS/ACTIVITIES: Students might make projects like a decorative Pewter casting, a Balancing Acrobat brazed sculpture, a Soft-Faced Hammer, a CNC-Milled Fidget spinner, sheet metal boxes and other machining work. Most projects have some aspect that is designed by the student themselves, allowing personal preferences to come into play whenever possible. Come and enjoy a course that can lead to a fascinating hobby, or perhaps even a rewarding career!

METALWORK 10

(MEMET10)

COURSE CONTENT: Metalwork Technology 10 further introduces students to the processes used to design, layout, form, shape and finish metal. We might Lathe Turn, Mill, Braze, Forge, Cast, Weld, Plasma Cut or Form different metals as we build unique projects with the processes learned. We use our CNC Mill Simulator, CNC Mills, CNC Routers, and 3D printers to learn modern machining methods while we make parts, and patterns! The emphasis for this course is to learn through doing, so Safety and Theory paperwork supports the practical work. Metalwork 10 is a fun way to join modern computerized design and production processes with hands-on fun.

ASSIGNMENTS/ACTIVITIES: Projects might include a cast Garden Trowel, a Repousse Belt Buckle, Copper Ring, Forged Wrecking Bar, Welded Log with Cast Anvil, Sheet Metal Candle Sconce, CNC Milled Name or Address Plate, Waterproof Lathe Container or Fire Piston, and a brazed sculpture-stand for a 3D-printed model! The Metalwork courses at DSS change in a 3-year pattern, so the projects, processes, and machines used in Metalwork 10 are completely different from the work done the previous year. Come and enjoy a course that can lead to a fascinating hobby, or perhaps even a rewarding career!

METALWORK 11

(MEMET11)

COURSE CONTENT: Metal Fab and Machining 11 is a fun course where you learn the most common processes of modifying metals. We will use processes like machining on the Lathes and milling Machines, MGAW and Stick welding, Brazing, Sand Casting, Sheet Metal forming, and CNC (computerized) machining. The emphasis for this course is to learn through doing, so Safety and Theory paperwork supports the practical work. Students will integrate several processes on any particular project as they work their way through the shop and the year.

ASSIGNMENTS/ACTIVITIES: Students might produce projects like Sheet Metal Tool boxes, Latheturned Whistles, Welded Flower Pot Stand or a Wheel Clock. The Metalwork courses at DSS change in a 3-year pattern, so the projects, processes, and machines used in Metalwork 11 are completely different from the work done the previous year. Come and enjoy a course that can lead to a fascinating hobby, or perhaps even a rewarding career!

METALWORK 12

(MTMET12)

COURSE CONTENT: Metalwork 12 teaches several processes for working with metals. In our well-equipped Metal Shop, we use processes like machining on the Lathes and Milling Machines, MGAW and Stick Welding, Brazing, Sand Casting, Sheet metal forming and light CNC (computerized) machining.

ASSIGNMENTS/ACTIVITIES: Students build several Skill Building projects throughout the year such as Cast Aluminum C-Clamp, Soft-Faced Hammer and Foot Stool. They often progress to an End Of Term Project combining many processes in the shop. Students in their third year of Metal Work might be grouped for larger projects like Go Karts, Mini Bikes, Bicycle Trailers, etc. We encourage real-life applications for the processes taught such as shoe racks, lift kits, bike carriers, wine racks, grappling hooks, chin-up bars, and almost anything else you can imagine being made out of metal! We apply the processes learned in fun, useful and challenging real-life projects to last a lifetime. The Metalwork courses at DSS change in a 3-year pattern, so the projects, processes, and machines used in Metalwork 12 are completely different from the work done the previous year. Come and enjoy a course that can lead to a fascinating hobby, or perhaps even a rewarding career!



ADST: Technology Education - Power Tech. & Automotive

POWER TECHNOLOGY 9/10: Small Engines

(MADPT09/MTPOW10)

The Power Technology 9 course is an opportunity for students to work with small engines. Imagine being able to tune-up dirt-bikes, outboards, lawnmowers and garden tractors, motorbikes, snowmobiles, go karts, etc! Students will learn how to properly disassemble, clean and inspect, reassemble, maintenance, diagnose, repair and run a Briggs & Stratton flathead, 4-stroke engine. Training in the safe use of tools, machines, processes and products used in the DSS Automotive Shop supports their practical work. They will also learn 2-stroke engine theory and may work on some as well (time depending). The basic theory behind internal combustion engines and their associated systems will be supplemented with some discussion of Alternate Power sources too. Some simple measurement and metalworking skills will complement the Mechanics skill to aid in repair and modification of motors. This course is an excellent precursor to any Automotive course at DSS.

AUTOMOTIVE TECHNOLOGY 11/12 – Level 1

(MTAUT11 / MTAUT12LV1)

PREREQUISITE: None!

RECOMMENDATION: Are you going to drive a car, truck, or motorcycle? Have you ever wondered what makes your vehicle go or how to take care of it? Then this is the course for you! This course is for those who intend to operate vehicles, gain knowledge/experience and potentially save you money! Students will explore the basic parts of a vehicle and get an appreciation of the need for regular preventative maintenance. This introductory course is a recommended step towards AUTOMOTIVE TECHNOLOGY Level 2.

COURSE CONTENT: Safety lessons and the Theory of Operation of different systems is covered so that students understand the systems and components they work on in the DSS Auto Shop. Just a few of the many areas covered include checking the fluid levels in a vehicle, safe vehicle lifting, oil change/lube, battery service and charging, OBD Scanner operations, brake inspections and adjustments, tire changing/balancing, as well as an introduction to body and paint detailing.

ASSIGNMENTS/ACTIVITIES: There are over 30 small Practical Demonstrations of Skill in the course, where students perform specific technical tasks on actual cars. Instruction happens during demonstrations, and then learning is reinforced by practicing for a Practical Demonstration of Skill. This is a course that will teach you to maintain your own car in your own driveway. In fact, you should be bringing your own car (or a family car) to work on during the course, if possible! Come and enjoy a course that can lead to a fascinating hobby, or perhaps even a rewarding career!

AUTOMOTIVE TECHNOLOGY 12 – Level 2

(MTAUT12LV2)

PREREQUISITES: AUTOMOTIVE TECHNOLOGY – Level 1

This course is recommended for anyone wishing to go into the Automotive trade or do more in-depth maintenance/repair on a vehicle.

COURSE CONTENT: Areas covered may include engine operation and construction, seal replacement, starter and alternator tear-downs and rebuilds, suspension theory and repair, transmission operations and service, clutches and differential operations and assembly, bleeding brake and clutch hydraulics, universal joint replacement, etc. We may also cover basic dent and rust repair procedures. To support our work on cars, we will also learn some metalworking skills, such as the use of Oxy-Acetylene torches, drilling and tapping operations, sheet metal fabrication, and basic MGAW welding. In addition, we will look into the car as used in North America, and how it affects society.

ASSIGNMENTS/ACTIVITIES: There are many Practical Demonstrations of Skill in the course, where students perform specific technical tasks on actual cars. Instruction happens during demonstrations, and then learning is reinforced by practicing for a Practical Demonstration of Skill. Students who have completed AUTOMOTIVE TECHNOLOGY – Level 1 might be able to bring in a longer term Project Car, with the teacher's permission, and the understanding that any student might be tasked to work on some aspect of that car. This is a course that will teach you to maintain your own car in your own driveway. In fact, you should be bringing your own vehicle (or a vehicle) to work on during the course, if possible! Come and enjoy a course that can lead to a fascinating hobby, or perhaps even a rewarding career!



ADST: Technology Education - Woodworking

WOODWORK 8 – SEE EXPLORATIONS 8

WOODWORK 9

(MADW-09)

RECOMMENDATION: For students who want to learn to work with wood. COURSE CONTENT: This is a hands-on course wherein building happens every day. Demonstrations and safety instruction are woven into classes as needed to support students as they build their projects and become comfortable with woodworking hand tools and machines. We use jointers, lathes, planers, table saws, routers, drill presses, a CNC router, bandsaws and more. Cool! ASSIGNMENTS/ACTIVITIES: We begin with a project like a cutting board which will introduce the students to the major machines used in Stock Breakout. Followed by increasingly complex projects, such as bottle balancers, boxes, lathe-turned spindles and bowls, culminating in a bedside table. Most projects have some room for student design as they work through the course which improves engagement and stimulates students to explore their vision in wood!

WOODWORK 10

(MWWK-10)

This course is for those students who wish to make great projects in wood, whether they are beginners or they are looking to pursue more advanced projects. COURSE CONTENT: This is a hands-on course. Demonstrations and safety instruction are woven into classes as needed to support students as they build their projects and become comfortable with hand tools and machines. CONTENT: Course projects could include: a lathe turned bowl, a personalized cutting board with your name engraved on it with our 3D CNC router, a visually appealing bottle balancer. There is increasing latitude for students to build projects of their own design as their skills and safety awareness grow. Come and start building a multiyear project like a boat with us!

WOODWORK 11

(MWWK-11)

This course is for anyone, of any skill level. Beginners are welcome. It is also a course for students wishing to design and produce higher level projects with more advanced woodworking concepts and processes. Using all of the machines in the shop. Is there something you'd really like to build? Come and talk to the instructor about it! Depending on experience and skill level, beginners will be guided in their learning through several assigned projects, whereas more experienced students will have the chance to build more complex projects of their own choice.

WOODWORK 12

(MWWK-12)

This course is for anyone, of any skill level. Beginners will get instruction on all machines and processes in the shop. Experienced students will design and produce higher level projects with more advanced woodworking concepts and processes. Depending on experience and skill level students will have choices for projects. Higher level projects have included a grandfather clock, complex and stunning dining room tables, 3D Router-produces signs and headboards, and larger cabinet projects.



Arts Education: Visual Arts

ART 8 - See Explorations 8

VISUAL ARTS 9: Drawing & Painting (MVA--09)

This introductory course into the fundamentals of 2D art invites students of all levels to gain experience, confidence and skill at their own pace. It offers an assortment of fun drawing and painting projects with a variety of different art mediums while further developing art skills along the way. By the end of the course students will have obtained a rich foundation in the elements and principles of art and design.

VISUAL ARTS 9: Ceramics & Sculpting (MVA--09CER)

RECOMMENDATION-You do not need excellent drawing skills (although you may have them) to do well in ceramics and sculpture! All you need is your imagination, creativity and a desire to work with your hands. **COURSE CONTENT -** This course introduces students to a variety of sculptural art and 3D design techniques. Students will learn to apply the elements and principles of design to 3 dimensions. The basic course explores the world of 3D design and sculpture through mat board construction, small clay projects and much more. Enhanced projects include the use of glass and metal and include glass bead making, mosaics and larger clay projects.

VISUAL ARTS 9: Graphics & Photography (MVA--09GPH)

This introductory course introduces students to the building blocks of graphics, design and photography. Through various exercises students will learn to both take and modify photographic images. Students will be challenged to expand their visual perception through tools such as Photoshop and how to manipulate images in a digital realm. In addition, students will have the opportunity to learn some developing skills and darkroom practices.

STUDIO ARTS 2D 10: Drawing & Painting (MVAD-10)

Everyone is creative in their own way. Sometimes exploration is needed to find your own style. Students will increase their confidence in art as they continue to develop 2D skills through practicing with different drawing and painting techniques using a variety of mediums. We will be inspired by a variety of different art techniques, art movements, artists, artworks and the world around us. Art students will get their own visual journal (sketchbook) for practice and play. All levels are welcome.

STUDIO ARTS 3D 10: Ceramics & Sculpting (MVAC-10)

RECOMMENDATION-If you are interested in and enjoy making things, then this class is for you! Just bring your imagination and creativity and we will explore the world of 3D Art. **COURSE CONTENT-**This course introduces students to a variety of sculptural art and 3D design techniques. Students will learn to apply the elements and principles of design to 3 dimensions. The basic course explores the world of 3D design and sculpture through paper mache, cardboard construction and small clay projects. Enhanced projects include the use of glass and metal and include glass bead making, stained glass, mosaics, glass fusing and larger clay projects.

PHOTOGRAPHY 10: (MVAPH10)

Graphic Communications introduces students to the building blocks of graphics, design and photography. Through various exercises students will learn to both take and modify photographic images. Students will be challenged to expand their visual perception through tools such as Photoshop and how to manipulate images in a digital realm. An opportunity to try other applications in Adobe Creative Suite, such as Illustrator and InDesign, is also offered. In addition, students will learn to navigate the analog world (film cameras and developing techniques) with darkroom opportunities. This course can help students decide if they wish to continue with Photography courses, or branch out into graphic design and publishing with the Yearbook courses in years 11/12.



Arts Education: Visual Arts

ART STUDIO 11: Art Foundation (MVA11)

This course is for students who are serious about art and can work independently on projects and assignments of choice towards creating a portfolio of work. It provides opportunities to explore a variety of art making experiences and art influences in order to expand student's ability, while still developing their specific strengths. It is an individualized program for the serious art student wishing to keep creating after high school. This course can only be taken with permission from course teacher.

STUDIO ARTS 2D 11: Drawing & Painting (MVAD-11)

Students will gain an enriching art experience as they journey further into the world of 2D arts. A variety of art mediums and techniques will be explored with the intention of having a work of art displayed publicly. Every student will get their own hard cover visual journal (sketchbook) for practice and play. Some personal choice within art projects is available. Students will be inspired by other artists, artworks, art contests and the creative world around us.

STUDIO ARTS 3D 11: Ceramics & Sculpting (MVAC-11)

This course continues to build skills, a knowledge base and context relating to ceramics and sculpture. The basic course explores the world of 3D design and sculpture through paper mache, cardboard, found object construction and small clay projects. Enhanced projects include the use of glass and metal and include glass bead making, stained glass, glass fusing, mosaics and larger clay projects.

PHOTOGRAPHY 11: (MVAPH11)

Photography is about allowing students to use a camera to express themselves visually as well as tell people's stories through images. Student's will learn how to properly use a Digital SLR camera to take creative photos as well as document the year through photojournalism. Students will also learn about using tools such as Photoshop and InDesign to edit photos and create stunning magazine layouts. In addition, students will learn to navigate the analog world through various darkroom practices.

GRAPHICS PRODUCTION 11: Yearbook (MGRPR11)

No other course offers the experience and the prestige of producing a book that will create memories for a lifetime. The DSS yearbook has an award winning tradition of creative and professional design. The production of the yearbook requires students from many different disciplines: photography, graphic design and media arts; business education, desktop publishing, marketing and journalism. The yearbook is a lot of work, but it is also one of the most rewarding high school experiences.

ART STUDIO 12: Art Foundation (MVA12)

This is a high-level course for the serious art student who wants to develop an entrance portfolio in preparation for post-secondary studies. It is for self-motivated students who can work independently and in a self-directed manner on various art projects and assignments. This course will provide opportunities for students to expand their breadth of abilities, deepen their understanding of the art world and influences, while still developing their strengths. This course can only be taken with permission from course teacher. (May be taken in addition to MVA11 -Art Studio 11.)

STUDIO ARTS 2D 12: Drawing & Painting (MVAD-12)

Students will gain an enriching art experience as they journey further into the world of 2D arts. A variety of art mediums and techniques will be explored with the intention of developing a portfolio for post-secondary and/or exhibiting publicly. Increasing personal choice is offered for the art projects. Every student will get their own hard cover visual journal (sketchbook) for practice and play. Students will be inspired by other artists, artworks, art contests and the creative world around us.

STUDIO ARTS 3D 12: Ceramics & Sculpting (MVAC-12)

This course continues to build skills, a knowledge base and context relating to ceramics and sculpture. Individual programs that explore personal image development are encouraged. The basic course explores the world of 3D design and sculpture through paper mache, cardboard, found object construction and small clay projects. Enhanced projects include the use of glass and metal and include glass bead making, stained glass, glass fusing, mosaics and larger clay projects.

PHOTOGRAPHY 12: (MVAPH12)

Photography is about allowing students to use a camera to express themselves visually as well as tell people's stories through images. Student will learn how to properly use a Digital SLR camera to take creative photos as well as document the year through photojournalism. Students will also learn about using tools such as Photoshop and Indesign to edit photos and create stunning magazine layouts. In addition, students will learn to navigate the analog world through various darkroom practices. Experienced students will be able to work on independent projects.

GRAPHICS PRODUCTION 12: Yearbook (MGRPR12)

No other course offers the experience and the prestige of producing a book that will create memories for a lifetime. The DSS yearbook has an award winning tradition of creative and professional design. The production of the yearbook requires students from many different disciplines: photography, graphic design and media arts; business education, desktop publishing, marketing and journalism. The yearbook is a lot of work, but it is also one of the most rewarding high school experiences.



Arts Education: Dance

DANCE COMPANY:

Dance company provides a wide-ranging survey of several dance genres and styles including (but not limited to): ballet, jazz, contemporary as well as hip hop and musical theatre. Students will work alongside their instructor to learn basic vocabulary, technique, history and choreography for each of these styles. This series of courses will begin with what a proper warm-up includes, as well as how to appropriately stretch major muscle groups. Together, they will work on building up their stamina and skill levels to perform a variety of pieces choreographed for them. There will be both independent and collaborative forms of assessments that will help prepare them for an end of the year recital in genesis theatre.

DANCE 9

(MDNC-09)

This is an introductory course to dance providing students with foundational skills in several dance styles. Students will work with their instructor to learn the history behind these styles as well as basic technique, warm-ups, stretching, and eventually dance progressions and combinations that will be performed. There will be several opportunities for them to take creative control for choreographing their own piece with their peers as well.

DANCE COMPANY 10

(MDNCM10)

This is a novice level dance course where students will build on concepts and skills surrounding the history behind various styles as well as basic technique, warm-ups and stretching with music influence. Eventually they will work up to dance progressions and combinations that will be performed. Students will also work on their ability to choreograph routines for themselves to be shared with their peers.

DANCE COMPANY 11

(MDNCM11)

This is an intermediate level dance course where students will get the opportunity to take a more independent approach with their dance studies. They will continue to build on their previous knowledge in regard to warm-ups, stretching and basic technique across a variety of dance styles. They will also aid senior students in demonstrations and assisting with junior dancers. Students will start developing ideas around concepts and meaning to their song and choreography choices that will be shared with their peers.

DANCE COMPANY 12

(MDNCM12)

This is an advanced course of dance, providing students with multiple leadership opportunities including: creating warm-ups, leading progressions down the room, as well as creating workshops for elementary students. They will be expected to bring a more creative approach to their choreography work with more foundational reasoning and inspiration for performance pieces. Exploring different career paths that can be taken with dance influence will also be researched in this course.



Arts Education: Drama

DRAMA 8 - SEE EXPLORATIONS 8

DRAMA 9

(MDR--09)

Drama 9 is a course that expands a student's exposure to theatre and the dramatic arts. Students will explore ensemble, acting and performance through voice, movement, improvisation & characters. Students will learn creative and critical thinking skills to solve dramatic problems, learn to communicate their learning and express themselves. Assessment is based on in class participation and assignments, both scripted and non- scripted. In Drama 9 students will be challenged with large group plays, self direction in small scenes as well as individual monologues. Students must have a mature attitude, be willing to work in groups & individually as well as take risks to expand their skills and confidence as an actor.

DRAMA 10

(MDRM-10)

Drama 10 is a course that expands a student's exposure to theatre and the dramatic arts. Students will explore ensemble, acting and performance through voice, movement, improvisation & characters. Students will learn creative and critical thinking skills to solve dramatic problems, learn to communicate their learning and express themselves. Assessment is based on in class participation and assignments, both scripted and non- scripted. In Drama 10 students will be challenged with large group plays, self direction in small scenes as well as individual monologues. Students must have a mature attitude, be willing to work in groups & individually as well as take risks to expand their skills and confidence as an actor.

DRAMA 11

(MDRM-11)

Acting 11 is an advanced study of theatre and the dramatic arts. Students will explore ensemble, acting and performance through voice, movement, improvisation & characters. Students will learn acting, performance and directing techniques, creative and critical thinking skills to solve problems, learn to communicate their learning and express themselves. Assessment is based on in class participation and assignments, both scripted and non. In Acting 11/12 students will be challenged with large group plays, self direction in small scenes as well as individual monologues. Students must have a mature attitude, be willing to work in groups & individually as well as take risks to expand their skills and confidence as an actor.

*** Please note that this course has a required evening performance, "One Act Plays", in which students must attend one technical/dress rehearsal and 2 evening performances. .

DRAMA 12

(MDRM-12)

Acting 12 is an advanced study of theatre and the dramatic arts. Students will explore ensemble, acting and performance through voice, movement, improvisation & characters. Students will learn acting, performance and directing techniques, creative and critical thinking skills to solve problems, learn to communicate their learning and express themselves. Assessment is based on in class participation and assignments, both scripted and non. In Acting 11/12 students will be challenged with large group plays, self direction in small scenes as well as individual monologues. Students must have a mature attitude, be willing to work in groups & individually as well as take risks to expand their skills and confidence as an actor.

*** Please note that this course has a required evening performance, "One Act Plays", in which students must attend one technical/dress rehearsal and 2 evening performances.

DIRECTING & SCRIPT DEVELOPMENT 12 (MDRDS12)

PREREQUISITE-Theatre Performance 11: Acting & enrollment in Theatre Performance 12: Acting. Admission to the course is based on the approval of the instructor. RECOMMENDATION-It is highly advisable that the student has taken a course in stagecraft or has done extensive extracurricular work. As well, the student should be able to work well independently. They must also be able to devote out-of-class time to their project work. COURSE CONTENT-A student learns to read and analyze scripts with the intention of production. This course requires the writing and directing of scenes and one act plays. The student learns the qualities of leadership and skills of cooperation with both staff and students. It is an excellent course in which to learn responsibility. This is an advanced theatre course. ASSIGNMENTS/ACTIVITIES-Will include reading and writing scripts for various media and directing scenes and projects.

THEATRE COMPANY 9-12 - PERFORMANCE

(XTP--09, MDRTC10/11/12)

This course is an opportunity to be part of a cast of a scripted full length play. The creation and performance of a theatre production requires collaborative efforts of the entire company. This course is offered outside the timetable 2 days a week after school with the time commitment increasing closer to show date. Students are required to have a mature, committed and professional attitude towards the creative and rehearsal process and performance. By doing so they learn acting and personal skills necessary to perform within a Company. These skills include teamwork, vocal techniques, movement such as blocking, tableau and dance, character and improvisation.

THEATRE PRODUCTION 9-12 - STAGECRAFT

(XST--09, MDRD-10/11/12)

This is an introductory course designed to give students the opportunity to study the technical aspects of the theatre. Students will explore the basic principles of set design, costume design, lighting design and set construction. These activities will run concurrently with the usual work-a-day activities of the theatre such as basic carpentry, costume alterations, painting, etc.



Arts Education: Instrumental Music

MUSIC 8/9: CONCERT BAND BEGINNER

(MMU--08BBA/09BBA)

This course is designed for students wishing to learn a Band instrument. Students may provide their own instruments through "rent to own" program or purchase from local music store (the school will help facilitate this). Some instruments will be available through the school on a needs basis but those using school instruments will be limited in their choice of instruments. In this course students will learn basic performance skills, music theory and learn how to be a member of an ensemble. There are mandatory group performances throughout the year. No previous musical experience is necessary, but a minimum of 1 hour of home practice per week is expected.

MUSIC 8/9: CONCERT BAND INTERMEDIATE

(MMU--08IBA/09IBA)

This is a course for Grade 8 & 9 students with at least one full year of recent Band experience (or equivalent) and should contact the director to determine if this is an appropriate placement. The skills learned at the Beginner level are expanded through playing more complex music. A student usually remains at the Intermediate level for two or more years until he/she has acquired sufficient skills to move into Senior Concert Band. Students will have a minimum of one hour of home practice per week.

MUSIC 8/9: CHORAL CONCERT CHOIR

(MMU--08-CH/09-CH)

This course is open to all students who like to sing. Previous choral experience is not required. This is a group choral experience with emphasis placed on musical interpretation, correct vocal production and learning to sing within an ensemble. Because the choir is performance-oriented, students are given the opportunity to perform in school concerts, as well as to travel both locally and abroad to enrich their choral experience.

THIS COURSE WILL BE OFFERED AFTER SCHOOL 2 DAYS PER WEEK. STUDENTS SHOULD SELECT THIS COURSE IN ADDITION TO THEIR 8 COURSES.

MUSIC 9: GUITAR

(MMU--09GUI)

There are no prerequisites for Guitar 9. Students will be divided into 4 ability levels: Beginner, Novice, Intermediate, and Advanced. Students are graded on their improvement, effort, and participation in class activities. Guitars are provided for each student to use in class. Students will learn the basic elements of music as they relate to the guitar and learn a variety of songs from different genres. They will also explore the history and cultural roots of modern popular music.

INSTRUMENTAL MUSIC: CONCERT BAND 10/11/12: INTERMEDIATE

(MMUCB10IBA/MIMCB11IBA/12IBA)

This is a course for Grade 10, 11 & 12 students with minimum 1-2 years of recent band experience (or equivalent). The skills learned at the beginner level are expanded through playing more complex music, music theory, history and listening. Students are expected to practice at home for a minimum of one hour per week. Mandatory concerts are also part of the program. Students can arrange for rental or purchase of instrument through local music shop. (School will help facilitate this.) A limited number of instruments are available to borrow through the school on a needs basis.

INSTRUMENTAL MUSIC: CONCERT BAND 10/11/12: SENIOR

(MMUCB10SBA/MIMCB11SBA/12SBA)

Students may provide their own instruments and miscellaneous equipment. Some instruments/equipment will be available through the school without fee on a needs basis. Students using school instruments will be limited in choice of instrument. Those who choose to have their own instrument may "rent to own" or purchase an instrument through retail music stores. The school will help facilitate this. This is a course for Grade 10, 11 & 12 students who are at a very advanced level. They must have the director's approval to be enrolled in this course. Concert Band provides a more challenging repertoire and greater emphasis on interpretation and musicianship. Students rehearse primarily during class time, but are expected to participate in weekly student-led rehearsals outside of class time as well as in performances. Students are encouraged to participate in the annual spring field trip.

INSTRUMENTAL MUSIC: GUITAR 10/11/12

(MMUGT10/MIMG-11/MIMG-12)

There are no prerequisites for Guitar 10/11/12. Students will be divided into 4 ability levels: Beginner, Novice, Intermediate, and Advanced. Students are graded on their improvement, effort, and participation in class activities. Guitars are provided for each student to use in class. Students will learn the basic elements of music as they relate to the guitar and learn a variety of songs from different genres. They will also explore the history and cultural roots of modern popular music.



Arts Education: Instrumental Music

COMPOSITION & PRODUCTION 11/12:

RECORDING STUDIO (MMUCP11/12)

This is a course for students wanting to learn how to create and record original songs and cover arrangements. Students must be at an advanced level on the guitar, piano, or as a vocalist. All students should be comfortable singing. This class will be taught as part of a normally scheduled guitar 11 class. Students must be able to work well independently and be very responsible. Due to limited space in the recording studio, there will be a limit of 4 students per block. Instructor approval and/or auditions are required to take this course. Please discuss this course option with Mr. Dobrovolny before enrolling.

CHORAL MUSIC: CONCERT CHOIR 10/11/12:

(MMUCC10/11/12)

This course is open to all students who like to sing. Previous choral experience is not required. This is a group choral experience with emphasis placed on musical interpretation, correct vocal production and learning to sing within an ensemble. Because the choir is performance-oriented, students are given the opportunity to perform in school concerts, as well as to travel both locally and abroad to enrich their choral experience.

THIS COURSE WILL BE OFFERED AFTER SCHOOL 2 DAYS PER WEEK. STUDENTS SHOULD SELECT THIS COURSE IN ADDITION TO THEIR 8 COURSES.



Business Education

ENTREPRENEURSHIP & MARKETING 10 (MADEM10)

E&M10 is an introduction to the main strands of the Business Education curriculum. Students will learn about opportunities in entrepreneurship and what it means to own and run a business. Students will explore a variety of start-ups and how these companies are solving real-world problems. Students will be introduced to the different forms of marketing and have the opportunity to create marketing materials using various forms of technology. All Business Education students will participate in designing, ordering and selling school related merchandise.

No prerequisite required

Open to all students in Grades 9-10

ACCOUNTING 11/12 (MAC--11/12)

Accounting is a course you need for life. Think about it - EVERY business and every job in the WORLD uses it. You have got to know about it whether you are going to go straight to work after high school or if you are going to go to a post-secondary school. This course has two levels; year 1 and year 2. You can start learning accounting in Grade 10 if you want. In the first level you will learn the entire accounting cycle and in the second year you will learn about corporate accounting and more advanced financial statement creation. In both years you will learn about tax and how to do you own taxes. This stuff is gold - don't miss out on this important course. If you have any questions about this course, come and see Mr. Harkley anytime.

No prerequisite required

Open to all students in Grades 10-12

MARKETING & PROMOTION 11 (MMAP-11)

This is an activity-based course that employs the basic concepts of marketing. Students will participate in developing merchandise for the school enterprise, and engage with local businesses to learn about promotional strategies. The course content will be taught from both a domestic and global perspective. Examples of concepts include, marketing strategies, the marketing mix, design processes, the AIDA model, distribution, promotion, market research, targeting, segmentation and positioning.

No prerequisite required

Open to all students in Grades 10-12

E-COMMERCE 12 (MECOM12)

This course explores the technical and creative thinking skills required to become successful in local and global e-commerce environments. Students will have opportunities to learn about the economics of e-commerce, the development and evolution of the expanding digital retail environment, and become familiar with a wide range of digital and cloud based technologies. Students will consider ethical challenges such as intellectual property in a global marketplace as well as cyber marketing concepts and strategies. Students will learn more about the incredible range of emerging and still undiscovered opportunities in the global e-commerce marketplace.

No prerequisite required

Open to all students in Grades 11 and 12

ENTREPRENEURSHIP 12 (MENT-12)

This course explores the characteristics and skills required to become an entrepreneur. Students will have opportunities to try out new ideas, develop creative thinking skills, learn to recognize entrepreneurial opportunities, and create innovative solutions to existing problems. The course provides students with 'real money' to take risks and explore business ventures. Students will have an opportunity to meet and learn from local business people, while also participating in the school enterprise.

No prerequisite required

Open to all students in Grades 11 and 12



English Language Arts

ENGLISH LANGUAGE ARTS 8 - 11 are foundational courses that equip students with the language and literacy skills they will need to become effective communicators, to develop and express their own ideas, and to think deeply and critically about themselves, texts, and the world around them. Students will explore and create written, oral, digital, and visual texts. They will also expand and deepen their understanding of both real and imagined worlds.

The English Language Arts courses that students will take from Grade 8-11 are:

Grade 8:

ENGLISH LANGUAGE ARTS 8 (MEN--08)

Grade 9:

ENGLISH LANGUAGE ARTS 9 (MEN--09)

Grade 10: (one of the following combinations)

COMPOSITION 10 & LITERARY STUDIES 10 (MCMPS10 & MLTST10)

or **ENGLISH FIRST PEOPLES LITERARY STUDIES 10 & ENGLISH FIRST PEOPLES SPOKEN LANGUAGES 10***
(MEFLS10 & MEFLS10)

Grade 11: (one of the following)

LITERARY STUDIES 11 (MLTST11)

or **ENGLISH FIRST PEOPLES LITERARY STUDIES & SPOKEN LANGUAGE 11 *** (MELSL11)

**Both English First Peoples Literary Studies & Spoken Language 10 and 11* provide a more in-depth and focused opportunity for all learners to encounter and study authentic texts by Indigenous peoples. Students will be able to challenge and consider historical and contemporary understandings of First Peoples, as well as consider how self-representations through authentic Indigenous texts and stories provides a means to foster truth, justice and reconciliation.

ENGLISH LANGUAGE ARTS 12

Each course is designed to deepen and extend students' English Language Arts learning. In these courses students will think creatively, critically, and reflectively about language and texts as part of constructing and communicating personal meaning. Students will learn to become critical and ethical users of digital media, capable of adapting to new modes and tools of language use. They will also strengthen their understanding of themselves, diverse cultures, and multiple perspectives through the exploration of various written, oral, digital, and visual texts.

All students are required to take ENGLISH FIRST PEOPLES 12 or ENGLISH STUDIES 12.

Students may choose all other course offerings as electives.

ENGLISH FIRST PEOPLES 12

(MENFP12)

English First Peoples 12 will build upon the knowledge, skills, and understanding that learners have acquired through English Language Arts 8-11. This course provides a more in-depth and focused opportunity for all learners to encounter and study authentic texts by Indigenous peoples. Students will continue to become more effective and literate communicators. They will be empowered as thoughtful, ethical, and responsible citizens of a diverse society. Students will be able to challenge and consider historical and contemporary understandings of First Peoples, as well as consider how self-representation through authentic Indigenous texts and stories provides a means to foster truth, justice and reconciliation.

ENGLISH STUDIES 12

(MENST12)

English Studies 12 will build upon the knowledge, skills, and understanding that learners have acquired through English Language Arts 8-11. Students will continue to become more effective and literate users of language. They will be empowered as thoughtful, ethical, and responsible citizens of a diverse society. As they explore, students come to understand the influences shaping Canadian society and the unique contribution of Indigenous peoples to our country's and province's heritage.

CREATIVE WRITING 12

(MCTWR12)

Creative Writing is a course that allows students to give voice to their emotions, create imaginary worlds, express ideas, and escape into personal writing. Through creative writing, we can come to better understand ourselves and our world. This course will explore the writing process, from finding inspiration to creating meaningful and engaging texts. Students will learn more complicated literary techniques and develop writing skills in a variety of genres, including memoir, poetry, short fiction, scripts and creative non-fiction.



Explorations 8

Grade 8 students have the option of taking both Explorations 8 - ADST and Explorations 8 - Arts Education. A second option is for students to take Explorations 8 - ADST and one of either Music 8 - Concert Band Beginner or Intermediate. Music 8 - Concert Band is a year long course. Explorations 8 - ADST and Explorations 8 - Art Education are year-long courses divided into components which are taken in any sequence.

EXPLORATIONS 8 - ADST COMPONENTS

ADST - Applied Design, Skills & Technology

This group of courses is designed to familiarize all Grade 8 students with the basic areas of Home Economics, Engineering, and Technology. This will allow students to explore these areas in order to consider Grade 9 electives. The course is typically divided into 4 sections outlined below which may be covered in any order.

- **FOOD STUDIES** (MADFS08)
- **ENGINEERING** (MADGE08)
- **METALWORK & WOODWORK** (MADM-08)
- **TEXTILES (Sewing)** (MADT-08)

EXPLORATIONS 8 - ART EDUCATION COMPONENTS

This group of courses is designed to familiarize all Grade 8 students with some areas of Visual and Performing Arts. This will allow students to explore these areas in order to consider Grade 9 electives. The course is typically divided into 3 sections outlined below which may be covered in any order.

- **VISUAL ARTS** (MVA--08)
- **DRAMA** (MDR--08)
- **GUITAR** (XGUIT08)

INSTRUMENTAL MUSIC - CONCERT BAND

Students may select this course in place of "Explorations 8 - Art Education"

See **Art Education: Instrumental Music** page for details.



Leadership

RECREATIONAL LEADERSHIP 11/12

**SEE PHYSICAL & HEALTH EDUCATION SECTION
(YIPS-1AD37/2AD37)**

This course is designed for students interested in developing leadership skills, promoting recreational activity, and gaining practical, hands-on experience in event planning and project management. In this course, students will design, organize, implement, and facilitate various recreational activities in the school and community. Activities may include intramural games, elementary school visits, the Terry Fox Run, the Relay for Life, a Sun Run team, and/or any other area the students are passionate about. This course will require students to be available outside of class time for various class initiatives throughout the year and will involve service hours in the school and community. This course may also involve leadership field trip opportunities. Students enrolling in this course should be responsible, reliable, self-motivated, interested in recreational activities, and have good attitudes and behaviour.

PEER TUTORING 11/12

This program trains tutors to assist other students experiencing difficulties in specific subject areas. In the majority of cases, the Peer Tutors provide assistance within a regular classroom.

Peer Tutors are expected to:

1. Work in partnership with their tutee and the classroom teacher.
2. Have experienced success in the subject in which they tutor.
3. Model compassion and respect in all their classroom interactions.
4. Be independent, self-motivated workers who genuinely seek to help others.
5. Practice self-evaluation and honour confidentiality.

Interested students should see their counsellor in June with final arrangements to be made with the teacher and counsellor in September.

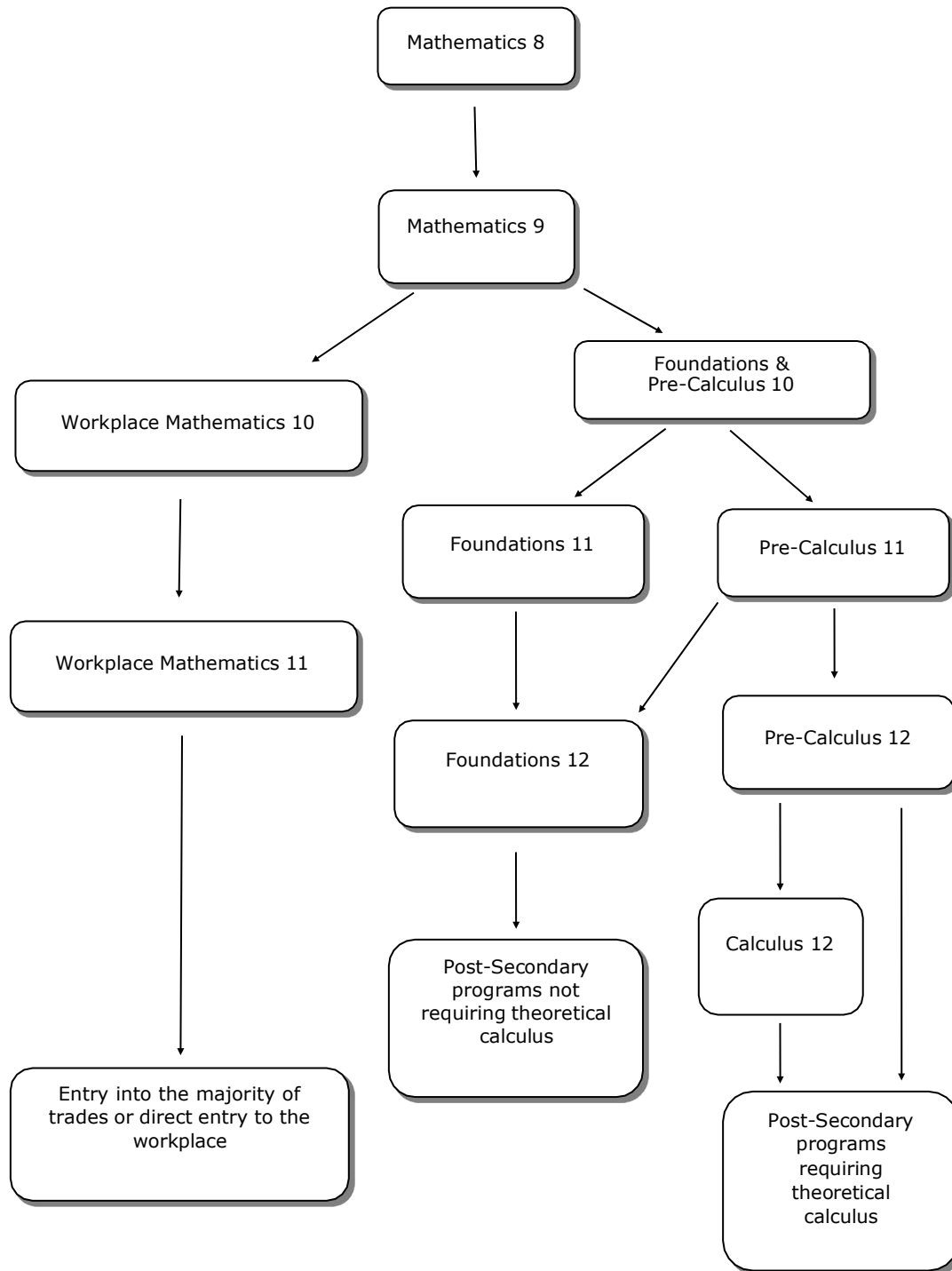
Students may earn 4 graduation credits for the successful completion of each Peer Tutoring course at the Grade 11 and 12 levels.

(for a total of 8 credits)



Mathematics

The new mathematics curriculum includes 3 available pathways for students. The three pathways available are: Workplace Mathematics, Foundations of Mathematics, and Pre-Calculus. At the grade 10 level, a common Foundations of Mathematics and Pre-Calculus course is the starting point for both the Foundations of Mathematics and Pre-Calculus pathways. When choosing a pathway, students should consider their interests, both current and future. Students and parents are encouraged to research the admission requirements for post-secondary programs of study as they vary by institution and by year.





Mathematics

MATHEMATICS 8

(MMA--08)

PREREQUISITE-Successful completion of Math 7

COURSE CONTENT-Ratios, Rates, Proportions, Percent, Area, Volume, Fractions, Integers, Linear Relations and Equations, Probability. With teacher/counsellor approval or recommendation, students may also enroll in a Numeracy Support block to support the development of fundamental skills and concepts of Mathematics (*to be taken in conjunction with Mathematics 8*).

MATHEMATICS 9

(MMA--09)

Students will develop understanding of various types of numbers, including powers, rational numbers, and square roots. They will also learn to graph and manipulate linear equations and inequalities, create and understand scale diagrams, calculate surface areas of 3-dimensional objects, collect, display and analyze data to solve problems.

With teacher/counsellor approval or recommendation, students may also enroll in a Numeracy Support block to support the development of fundamental skills and concepts of Mathematics (*to be taken in conjunction with Mathematics 9*).

FOUNDATIONS OF MATHEMATICS & PRE-CALCULUS 10

(MFMP-10)

PREREQUISITE-Successful completion of Math 9 (with a recommended minimum mark of C+), or with the recommendation from the Math 9 teacher.

COURSE CONTENT-This is the common Mathematics 10 course which leads into Foundations of Mathematics and the Pre-Calculus pathways at the Grade 11 level. By the end of this course, students will be better equipped to select the appropriate mathematics course(s) (Foundations 11/12 and/or Pre-Calculus 11/12) for their future career paths in Arts, Business, Science, or Applied Sciences. This course will move at a steady pace requiring regular work and concentrated study to be successful.

WORKPLACE MATHEMATICS 10

(MWPM-10)

PREREQUISITE-Successful completion of Math 9, or with recommendation from the Math 9 teacher.

COURSE CONTENT-This course is designed to teach students the basic Math skills needed for the home and the workplace.



Mathematics

FOUNDATIONS OF MATHEMATICS 11 (MFOM-11)

PREREQUISITE-Students taking this course must successfully complete Foundations & Pre-Calculus Mathematics 10.

COURSE CONTENT-This course completes the Mathematics 11 requirements for Graduation. This course is a prerequisite for Foundations of Mathematics 12 and is designed to prepare students for post secondary studies which do not require Calculus. Students completing only this course, Foundations of Mathematics 11, will not be able to take Pre-Calculus 12 without also successfully completing Pre-Calculus 11. In this course students will develop proportional, logical, statistical, algebraic, graphical and spatial reasoning skills, and develop an appreciation for the role of mathematics in society. Some students may find that the use of graphing technology (iPad, iTouch, iPhone, II-83 or 84 or some kind of smart phone that can download a FREE graphing calculator) will improve their understanding of the math concepts.

PRE-CALCULUS 11 (MPREC11)

PREREQUISITE-Students taking this course must have previously successfully completed Foundations and Pre-Calculus Math 10.

COURSE CONTENT-This course completes the Math 11 requirements for Graduation. This course is a pre-requisite for Pre-Calculus 12 and is designed to prepare students for the study of Calculus. This course includes content that will develop algebraic, graphical and geometric reasoning skills and will enhance numeracy. Students will study the graphical and algebraic representations of functions commonly used in Math, apply their knowledge to solve equations and inequalities, and explore the connections between these functions.

WORKPLACE MATHEMATICS 11 (MWPM-11)

PREREQUISITE-Successful completion of Workplace Mathematics 10, or Foundations & Pre-Calculus Math 10 with teacher recommendation.

COURSE CONTENT-This course completes the Math requirements for graduation and provides students with basic Math skills they will need to gain employment after graduation. Students who wish to go on to pursue a career in the trades should look at educational requirements for post-secondary institutions as some programs require Foundations of Math 11. Surface area and volume problems involving both imperial and metric measurements, application of trigonometry to solve real-life problems, understanding and solving problems that involve scale, modeling and drawing 3D objects, solving problems involving personal budgets, understanding bank accounts, debit and credit cards and compound interest and loans. Demonstrating an understanding of slope and rates of change, applying proportional reasoning and solving problems using unit analysis, creating and interpreting graphs to analyze data.

FOUNDATIONS OF MATHEMATICS 12 (MFOM-12)

PREREQUISITE-Foundations of Mathematics 11 with a minimum C+ Grade or better or Pre-Calculus Math 11.

COURSE CONTENT- This is an elective academic course that expands on some of the topics studied in Foundations of Mathematics 11. Topics include financial applications, logical reasoning, probability, statistics, and relations and functions. This course is for students who do not need to study calculus in a post-secondary institution.

PRE-CALCULUS 12 (MPREC12)

PREREQUISITE-Successful completion of Pre-Calculus Mathematics 11 with a recommended minimum C+ grade. A graphing calculator is required for this course.

COURSE CONTENT-This course is designed to prepare students for the study of Calculus. The topics covered include transformations, trigonometry, logarithms and exponents, combinatorics, and polynomial, radical and rational functions. This course will be offered both as a half-year semester course and a full-year linear course. Students who complete Pre-Calculus 12 prior to their Grade 12 year will be prepared for Advanced Placement Calculus beginning in September.

CALCULUS 12 (MCALC12)

COURSE CONTENT-This course is designed to prepare students for post-secondary courses in Calculus. At the end of the course, students will have the opportunity to write the AP Calculus AB Calculus Exam. This exam may provide students credit for the first semester of Calculus (Differential Calculus) at North American post-secondary institutions. A full description of this exam can be found at:

http://www.apcentral.collegebound.com/apc/public/courses/teachers_corner/2178.html.

The topics to be covered include: Limits, Definition of Derivative, Derivative Rules, Graphing Functions, Extreme Value Problems and Antiderivatives.



Physical & Health Education

DAILY PHYSICAL ACTIVITY:

The Ministry of Education requires students to engage in 150 minutes of Daily Physical Activity per week, at a moderate to vigorous intensity. During a regular school week, students enrolled in Physical and Health Education (PHE) meet this requirement, as they get over 150 minutes of physical activity per week. The PHE curriculum aims to empower students to develop a personalized understanding of what healthy living means. PHE is designed to develop educated citizens who have the knowledge, skills, and understandings they need to be safe, active, and healthy citizens throughout their lives.

Delta Secondary offers many opportunities for students to engage in physical activity so they meet the DPA requirements and the government PHE. Delta PHE department supports the research that students who are active on a daily basis are healthier and perform better academically. We ask that parents join us in encouraging their children to be active so that they enjoy the benefits of a healthy, active lifestyle.

PHYSICAL & HEALTH EDUCATION 8 (MPHE-08)

This course aims to empower students to develop a personalized understanding of what healthy living means to them as individuals and members of society with a focus on lifelong participation, healthy choices, healthy relationships and advocating for the health and well-being of others. Curricular topics to be covered include physical literacy, healthy and active living, mental well-being and social and community health. Students will participate in a variety of activities, games and sports that will influence student's personal fitness and enjoyment of physical activity and increase students' chances for being active throughout their lives.

PHYSICAL & HEALTH EDUCATION 9 (MPHE-09)

Building on the knowledge, skills, concepts and activities of PHE 8, this course continues to empower students to develop a personalized understanding of what healthy living means to them as individuals and members of society with a focus of lifelong participation, healthy choices, healthy relationships and advocating for the health and well-being of others. Curricular topics to be covered include physical literacy, healthy and active living, mental well-being and social and community health. Students will participate in a variety of activities, games and sports that will influence student's personal fitness and enjoyment of physical activity and increase students' chances for being active throughout their lives.

PHYSICAL & HEALTH EDUCATION 10 (MPHED10)

Building on the knowledge, skills, concepts and activities of PHE 9, this course will continue to provide opportunities for students in the areas of physical literacy, healthy and active living, mental well-being and social and community health. Students will participate in a variety of activities, games and sports that will influence student's personal fitness and enjoyment of physical activity and increase students' chances for being active throughout their lives.

PHYSICAL & HEALTH EDUCATION 10:

JUNIOR WEIGHT TRAINING (MPHED10-WT)

Building on the knowledge, skills, concepts and activities of PHE 9, this course will continue to provide opportunities for students in the areas of physical literacy, healthy and active living, mental well-being and social and community health through a strength and conditioning focus. Junior Weight Training is for students looking to improve their athletic and physical performance. The course is an introductory version to the senior edition where students will be exposed to a number of different weightlifting techniques and take part in workout programs that have been thoughtfully designed by teachers. Students will be educated on safe technique and weight room etiquette as well as the benefits of different styles of training. The course will cover all areas of the PE 10 curriculum. The majority of this course will take place in the weight room but students may occasionally take part in alternative activities throughout the community. This is a great opportunity for athletes looking to take their game to the next level before they head into their senior years.

PHYSICAL & HEALTH EDUCATION 10:

JUNIOR STUDIO FIT & GAMES (MPHED10-SF)

Building on the knowledge, skills, concepts and activities of PHE 9, this course will continue to provide opportunities for students in the areas of physical literacy, healthy and active living, mental well-being, and social and community health. The Studio Fit course stream focuses on a personalized approach to health and fitness through a variety of individual activities in a supportive, group-based setting. In this course, the needs, interests and passions of the students will inspire the activities of the class. Activities may include (but are not limited to) dance fitness, yoga, Pilates, Zumba, step cardio, and/or strength training, as well as dual and team games. Students in this course will also have the opportunity to sample some group classes in the local area for a small fee.



Physical & Health Education

ACTIVE LIVING 11/12

(MACLV11/12)

Building on the knowledge, skills, concepts and activities of PHE 10, Active Living 11/12 focuses on finding activities that students can incorporate into their daily lives as well as fostering an appreciation for living an active and healthy lifestyle. Students will participate in a variety of activities and games; have the opportunity for community and school-based field trips as well as support and encourage others in living a balanced and healthy lifestyle.

FITNESS AND CONDITIONING 11/12 - STUDIO FIT

(MFTCD11-SF/12-SF)

This course focuses on the development of a personalized approach to healthy active living through participation in a variety of recreational activities including: yoga, Pilates, Zumba, dance fitness, meditation and other types of physical activities. Off-campus activities may include: hot yoga, the stairs at Fred Gingell Park, Spin & Swim, and/or other classes at the Ladner Leisure Centre. Please note, students are required to arrange their own transportation to any off-campus activities. There is a \$60 fee to cover guest instructors and off-campus activities.

FITNESS AND CONDITIONING 11/12 - WEIGHT TRAINING

(MFTCD11-WT/12-WT)

Building on the knowledge, skills, concepts and activities of PHE 10, Fitness & Conditioning 11/12 focuses on developing a student's personal fitness level through a variety of activities both individual and group. Students will gain knowledge in the following areas: Human Anatomy and Physiology, Principles of Training, FITT, Healthy Living and Social Responsibility. This course may include community and school-based field trips as well as school facilities that also include the weight room, gymnasium, field and surrounding community.

ATHLETE SUPERFIT 11/12 - WEIGHT TRAINING

(YLRA-1AD37/2AD37)

Superfit is a strength and conditioning course designed for athletes looking to enhance their sport performance. Teachers will create strength programs for students that will not only educate them on the most beneficial weightlifting movements but will safely allow students to learn and progress at their own rate. The large majority of the class will be held in the weight room but students will have the occasional class in the gymnasium or at another location within the community. For students looking to take their game to the next level and become bigger, faster, and stronger this course is a must.

RECREATIONAL LEADERSHIP 11/12

(YIPS-1AD37/2AD37)

This course is designed for students interested in developing leadership skills, promoting recreational activity, and gaining practical, hands-on experience in event planning and project management. In this course, students will design, organize, implement, and facilitate various recreational activities in the school and community. Activities may include intramural games, elementary school visits, the Terry Fox Run, the Relay for Life, a Sun Run team, and/or any other area the students are passionate about. This course will require students to be available outside of class time for various class initiatives throughout the year and will involve service hours in the school and community. This course may also involve leadership field trip opportunities. Students enrolling in this course should be responsible, reliable, self-motivated, interested in recreational activities, and have good attitudes and behaviour.



Science

SCIENCE 8 (MSC--08)

Science 8 is a general science course required by the B.C. curriculum. It is a survey course designed to explore four big ideas: "life processes occur within cells," "matter is explained by atoms and the kinetic molecular theory," "energy is transferred as particles and waves," and "plate tectonics explain Earth and geology." This course is evaluated through tests, written assignments, projects, and labs.

SCIENCE 9 (MSC--09)

Science 9 is a survey science course in the BC curriculum. It is designed to explore the four big ideas: Cells are derived from pre-existing cells; the electron arrangement of atoms impacts their chemical nature; electricity is the flow of electrons; the biosphere, geosphere, hydrosphere and atmosphere are interconnected as matter and energy flows through them. This course is evaluated through tests, written assignments, projects and labs.

SCIENCE 10 (MSC--10)

Science 10 is a required core course in the B.C. curriculum. The four big ideas include: DNA is the basis for the diversity of living things; Energy change is required as atoms rearrange in chemical processes; Energy is conserved and its transformation can affect living things and the environment; The formation of the universe can be explained by the Big Bang Theory. Grades for comprehension of content and display of curricular competencies are compiled using a variety of in-class assessments, labs, tests, unit exams, and homework completion.

LIFE SCIENCES 11 (formerly Biology 11) (MLFSC11)

This course is an introduction to the diversity of life on Earth. Core topics include: evolution, classification of living organisms, microbiology, cell biology, plant biology, and animal biology. Students will be introduced to various scientific skills and processes that biologists use on a regular basis. This course will be assessed on tests, hands-on lab activities, assignments and projects.

CHEMISTRY 11 (MCH--11)

Chemistry 11 explores the world of science on an atomic level and is designed to build students knowledge of core chemistry concepts. The course introduces quantitative chemistry and focuses on the developments that led to the mole concept and its applications in stoichiometry. These ideas are then applied to the chemistry of solutions and finishes with organic chemistry introducing the basic structure and nomenclature of hydrocarbons and the main functional groups. Students taking this course should have a strong background in mathematics. Assessment will be based on assignments, lab reports, quizzes and tests. Chemistry 11 provides a solid foundation for students carrying on to Chemistry 12.

PHYSICS 11 (MPH--11)

Physics is recommended for all students who wish to pursue academic studies or career training in scientific, technical, or medical fields. Students will engage in an exploration of: Graphing, Measurement, Kinematics, Dynamics, Energy, Circuits, Waves, and Simple Machines. Students taking Physics should have a strong math background. Physics 11 students will advance their problem solving skills,

measurement skills, laboratory skills, and familiarity with scientific conventions and procedures. Student progress is assessed using problem sets, lab work, quizzes, and tests.

SCIENCE FOR CITIZENS 11 (MSCCT11)

Science for Citizens 11 is suitable for students whom are less interested in traditional laboratory-based science courses. Topics cover three big ideas: "scientific processes inform our daily lives," "scientific knowledge has uses in the workplace," and "scientific understanding allows us to respond to global issues." This course is evaluated through written assignments, journal entries, and tests.

EARTH SCIENCE 11 (MESC11)

Earth Science 11 is an elective survey course that explores the Earth and its environment in space. Main topics in this course include: Astronomy, Earth materials, Hydrology, Atmospheric Science, and Plate tectonics. This course is evaluated through assignments, projects, and tests.

ANATOMY & PHYSIOLOGY 12 (formerly Biology 12) (MATPH12)

COURSE CONTENT: Cell Biology: cell compounds and biological molecules, cell structure and function; Cell Processes and Applications: DNA replication, gene expression, cell transport, enzyme function and metabolism; Interdependence of organ systems: digestive, circulatory, respiratory, nervous, urinary, and reproductive systems. This course is evaluated through tests, assignments, and labs. As course content is demanding, students must be strong readers. A regular program of home study is essential to success in this course.

CHEMISTRY 12 (MCH--12)

Chemistry 12 is a course in physical and inorganic chemistry with a quantitative emphasis exploring the following ideas: reaction kinetics, equilibrium, solubility, acids/bases and salts, and electrochemistry. Throughout the course, students will develop their problem-solving strategies, laboratory skills and their ability to communicate scientific information. An emphasis is put on real-life applications of chemistry and helping students connect their learning to the world around them. It is strongly recommended that students taking the course have achieved a minimum of 70% in Chemistry 11 and have established effective study and work habits. Assessments will be based on assignments, lab reports and tests. Chemistry 12 provides a solid foundation for students carrying on to post-secondary chemistry classes and programs.

PHYSICS 12 (MPH--12)

Physics is recommended for all students who wish to pursue academic studies or career training in scientific, technical, or medical fields. Students will engage in an exploration of: Graphing, Measurement, Kinematics, Dynamics, Energy, Circuits, Waves, and Simple Machines. Students taking Physics should have a strong math background. Physics 11 students will advance their problem solving skills, measurement skills, laboratory skills, and familiarity with scientific conventions and procedures. Student progress is assessed using problem sets, lab work, quizzes and tests.



Second Languages

FRENCH 8 (MFR--08)

This course starts by reviewing the knowledge and skills learned in elementary school, so as to make students feel confident and comfortable. This is a theme-based textbook designed to challenge students with a variety of activities that encourage reading, writing, listening and speaking. Topics explored include: school life, activities, time, travel, essential introductory phrases and the family.

FRENCH 9 (MFR--09)

This course is a continuation of French 8. The communicative approach allows students to interact frequently. Through relevant themes, the four language skills of speaking, listening, reading and writing are taught. Students will have meaningful conversations, and learn culture through stories and creative works.

CORE FRENCH 10 (MFR--10)

This course is a continuation of French 9. Students will interact daily in French using the communicative approach. Through relevant themes, the four language skills of speaking, listening, reading and writing are taught. Students will have meaningful conversations in French and learn that acquiring a new language can shape our perspective and identity and that cultural expression can take many different forms.

CORE FRENCH 11 (MFR--11)

This course is a continuation of French 10. Students will interact daily in French using the communicative approach. Through relevant themes, the four language skills of speaking, listening, reading and writing are taught. Students will learn that language and culture are interconnected and explore diverse forms of cultural expression to promote a greater understanding of their own cultural identity.

CORE FRENCH 12 (MFR--12)

This course is a continuation of French 11. Students will interact daily in French using the communicative approach. Through relevant themes, the four language skills of speaking, listening, reading and writing are taught. Students will learn that language and culture are interconnected and explore diverse forms of cultural expression to promote a greater understanding of their own cultural identity.

SPANISH 9 (MSP--09)

This is an introductory course that will teach students to communicate in Spanish on a basic level through the study of topics and themes relevant to their experiences. Cultural topics are incorporated throughout this course. Listening, speaking, reading and writing will be taught using a variety of activities.

SPANISH 10 (MSP--10)

This course is recommended for students who wish to continue their language education and have successfully completed Spanish 9. The expansion of grammar and the introduction of more advanced vocabulary will be the focus of this course. Using a variety of activities and methods, this course will help strengthen communication in Spanish.

SPANISH 11 (MSP--11)

The skills introduced in Spanish 10 are further developed in Spanish 11. Students will interact daily in Spanish using the communicative approach. Through relevant themes, the four language skills of speaking, listening, reading and writing are taught. Students will learn that language and culture are interconnected and explore diverse forms of cultural expression to promote a greater understanding of their own cultural identity.

SPANISH 12 (MSP--12)

PREREQUISITE-Successful completion of Spanish 11 (a standing of over 70% is recommended). In this course, students will interact daily in Spanish using the communicative approach. The four language skills of speaking, listening, reading and writing are taught at an advanced level through relevant themes. Students will learn that language and culture are interconnected and explore diverse forms of cultural expression to promote a greater understanding of their own cultural identity.

INTRODUCTORY GERMAN 11 (MBGE-11)

This is an introductory German course for students looking to complete their language requirements. The focus is basic communication (reading, writing, speaking, and listening skills) in a German-speaking environment. Topics may include: introducing oneself, family, weather, colours, numbers, time, and essential introductory phrases and activities. Students will interact frequently and learn about Germanic studies through multimedia, story, and popular culture.

GERMAN 11 (MGE--11)

PREREQUISITE-Completion of Introductory German 11. This course is a continuation of Introductory German 11. We will be continuing to have meaningful conversations and interact daily through reading, writing, listening, and spoken communication skills. There is an emphasis on cultural and geographical themes and topics, and how language and culture are interconnected. Students can also explore diverse forms of cultural expression or themes through an inquiry passion project. Topics may include: food, hobbies & sports, travel, holidays, and shopping.

GERMAN 12 (MGE--12)

PREREQUISITE-Completion of German 11 (a minimum standing of over 70% is recommended). Reading, writing, speaking, and listening skills are further developed at a more advanced level through a variety of activities. There is an emphasis on cultural and geographical themes and topics, including an inquiry passion project. Students are encouraged to use their explorations in Germanic studies to promote a greater understanding of their own cultural identity. Topics may include: media, jobs, health, fairy tales, and animals



Social Studies

SOCIAL STUDIES 8 (MSS--08)

The main goal of Social Studies is to develop thoughtful, responsible, active citizens who are able to find information needed and who can consider multiple perspectives and make good judgments. Social Studies aims to prepare students to exercise roles, rights and responsibilities within the family, the community, Canada and the World.

ASSIGNMENTS/ACTIVITIES-The structure of the course lends to an approach that stresses productive thinking skills, cooperative learning and the writing process.

SOCIAL STUDIES 9 (MSS--09)

This course reinforces geography skills learned in Grade 8 and adds mathematical geography and climate. Historical topics include the history of Canada to 1815, Political Revolution and Industrial Revolution. The skills and processes taught in Grade 8 are reviewed and further developed.

ASSIGNMENTS/ACTIVITIES-Students will learn to write claims and defend them concentrating on what warrants proof, and will address current issues.

SOCIAL STUDIES 10 (MSS--10)

This course surveys the early history of Canada from 1815-1914. Identity, society, and culture, as well as governance are studied. Units on the economy and the environment of Canada are also included.

ASSIGNMENTS/ACTIVITIES - Assignments developing research, writing and critical thinking skills are completed.

EXPLORATIONS IN SOCIAL STUDIES 11 (MEPSS11)

This year's course will be divided into four quarters, with each quarter focusing on a module from the new Social Studies Curriculum: 1) Human Geography- examining how humans interact in our globally connected world; 2) Genocide Studies- the economic, political, social and cultural conditions of genocide in different global regions; 3) Social Justice- how social justice initiatives can transform individuals and systems; and 4) History of Film and Music of the 20th century. A variety of assessment strategies (including a decades project) will be utilized to allow students the opportunity to demonstrate their knowledge, learning and skills associated with the big ideas and competencies of the new curriculum.

20TH CENTURY WORLD HISTORY 12 (MWH--12)

This is a thematic course covering the major events and significant figures in the world from 1917-1991. Students will study the post WWI world, The Great Depression, WWII, the Cold War and subsequent years up to the fall of Communism in Europe. The course will explore political, military, social and economic history, including how various forms of entertainment has affected change in society. The course will explore political, military, social and economic history, including how various forms of entertainment has affected change in society.

ASSIGNMENTS/ACTIVITIES - Tests in this course will include both written response and document-based questions.

ECONOMIC THEORY 12 (MECT-12)

Economics 12 qualifies for an admission requirement for all for all colleges and universities. We are all affected by economics and this course will prepare you for life at post-secondary school and life outside of school. Don't miss this opportunity to better understand the world of money. This fast paced, interesting course will look at how the economies of the world work from both a historical and modern perspective. You will be able to better understand things like how globalization will affect you, what the world of banking actually is, how as a consumer you can be smarter and make better decisions, and what jobs you should pursue in the future. If you have any questions about this course ask Mr. Harkley anytime.

LAW STUDIES 12 (MLST-12)

This course is an introduction to Canadian Law emphasizing criminal and personal injury law. ASSIGNMENTS/ACTIVITIES-Assignments include role playing group projects and mock trial presentations. Students are expected to incorporate class work with current legal issues.

PHYSICAL GEOGRAPHY 12 (MPGEO12)

Geography 12 accommodates students that are on the path of Science or the Arts. Some university programs will accept Geo 12 as a science admission requirement. Geography 12 is the study of the physical, natural and human elements of the global environment. It is the study of earth science, vegetation and animal life, natural disasters, ecology and environmental studies, maps and air photo interpretation, resource management and case studies. A number of fieldtrips will be happening during the course including one to Whistler to observe the fantastic examples of volcanic and erosional action in our area.

POLITICAL STUDIES 12 (MPLST12)

The curriculum for the course will cover informed Citizenship (which includes government, roles of individuals in society, our rights and responsibilities, Canadian politics, Canadian law, international law and human rights). The course will also examine Civic Deliberation (including fundamental principles of democracy, decision making, ideologies, political parties and Canada's role in international issues). Finally, Political Studies will study Civic Action (where students take positions on issues, examine a range of processes of civic action to better understand how they operate in society and understand the various mechanisms for public involvement). Discussions and debate are encouraged in this course.



Social Studies

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, oppression and genocide. 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.

PSYCHOLOGY 12

(YPSYC2AD37)

Psychology 12 is a course that emphasizes developing critical thinking skills and the application of theory. Learners will engage with various ideas and think deeply about human behavior and mental processes. You will have the opportunity to lead your own learning, develop meaningful understandings, and grapple with real world topics. We will explore historical and contemporary examples, while you participate in critical dialogue, welcome and appreciate divergent views, empathize with others, and think independently.

***Psychology 12 does not fulfill the Social Studies Graduation requirement.*

CRIMINOLOGY 12

(YPSS-2AD37)

Criminology 12 is an introductory course on the study of crime, criminals and the penal system. The topics include: the causes of crime, biological, social and psychological theories of crime, the roles of police, the treatment of criminals and organized crime. ASSIGNMENTS/ACTIVITIES-Activities include court watching at the B.C. Supreme Court and various guest speakers. Assignments are designed to analyze current events, details of specific crimes and criminals and the application of legal defenses. Research, writing, critical thinking skills and the application of various theories are developed through a variety of assignments.

***Criminology 12 does not fulfill the Social Studies Graduation requirement.*

BC FIRST PEOPLES 12

(MBCFP12)

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



Inclusive Learning Programs

ENGLISH LANGUAGE LEARNERS (ELL) 8-12

The courses for the students in the program, for whom English is an additional language, will focus on developing reading, writing and speaking skills in English.

The program includes the following courses:

ELL EXCEL 8
ELL EXCEL 9
ELL EXCEL 10
ELL EXCEL 11
ELL EXCEL 12

Additionally, ELL and International Students often take ELL STRATEGIES, a course to support students with their academic courses, including thinking, communication and personal and social competencies, as well to teach organization, self-advocacy, self-regulation and self-reflection skills.

Enrollment in these courses is determined by the Program Coordinator in consultation with the ELL teachers and International Department.

STRATEGIES 8-12

The Strategies program is designed for students who currently hold a learning disabilities designation ('Q') or are struggling significantly with their academic course work. Strategies students have typically received some form of Learning Support (LA/LD/LST) in elementary school. Students are placed in Strategies through an intake process that includes consultation with support teachers, subject teachers, counsellors, administrators and parents.

The Strategies program is founded on the building blocks of consistent attendance, school routine, organization, and self-regulation. The primary goal of the program is to equip students with the communication, thinking, personal and social skills required to successfully complete their academic programs. Students are able to earn graduation credits for Strategies 10, 11 and 12.

GRADQUEST

GradQuest is a District program for students with a Ministry designation for Autism, a Chronic Health Impairment, a Physical Disability, a Vision Impairment or a Hearing Impairment. This program is designed to support the academic, behavioural and/or social/emotional needs of the students. An IEP (Individual Education Plan) is created for each student. Students receive additional support including in-class support from Education assistants. Students will be provided with subject support, test support and extra time to complete tests.

Entry is by referral from elementary school programs and staff. Admissions are taken into consideration after a school-based intake in consultation with Inclusive Learning.

SUPPORTIVE LEARNING PROGRAM

The Supportive Learning Programs are District Programs serving both junior (grades 8 & 9) and senior (grades 10, 11 & 12) students with diagnosed anxiety, depression and other behavioural and/or mental health concerns. Students wishing a placement in a Supportive Learning Program will need to complete an application and will also require an active Individualized Education Plan (IEP) supported by testing done by a licensed and district-approved clinical professional, that indicates a Ministry Designation of an 'R' or an 'H.' Placements will be awarded after review by Delta School District Inclusive Learning personnel and Delta Secondary's School-Based Team.

Students awarded a placement may receive one or two blocks of instructional support within their general schedule. To maintain their placement in a Supportive Learning Program, students are expected to remain fully engaged with their course programming, attend all scheduled classes and demonstrate appropriate commitment to learn strategies to deal with learning difficulties and assignment completion. Supportive Learning teachers will use evidence-based intervention strategies to address mental health and behaviour concerns and tailor strategies to individual students based on needs.

Students can earn graduation credits for SLP 10, SLP 11, and SLP 12.



Scholarship Opportunities

SCHOLARSHIP OPPORTUNITIES FOR GRADE 12 STUDENTS

A scholarship is a financial award based primarily on merit. Academics, community, school, athletic involvement, and financial need may be considered. The school will attempt to keep students aware of the various types of awards, and of their regulations, through scholarship information postings, emails and the [Career Centre website](#). However, the student has the final responsibility for the gathering of information and the submission of applications.

CATEGORIES OF SCHOLARSHIP

I. PROVINCIAL

District Scholarships

Recognizes excellence for graduates who excel in the areas of Fine Arts, Physical Activity, Indigenous Languages and Culture, Applied Design, Skills and Technology, International Languages, Community Service, Technical and Trades Training.

- \$1,250 tuition voucher in November.
- Number of awards prorated to schools based on enrolment (in 2018/2019 our students received 21 District Scholarships).

Eligibility and Criteria:

- Must be a Canadian citizen or permanent resident
- Must meet graduation requirements
- Must meet criteria determined by the local District Scholarship Committee
- Can be held for 5 years

II. SCHOOL BASED SCHOLARSHIPS AND COMMUNITY SCHOLARSHIPS

A large number of monetary scholarships are available to graduating students. These scholarships are given to students who have achieved excellence in areas such as leadership, academics, community service, athletics, or citizenship. To receive one of these scholarships a student must apply and be selected by a committee from within the school. Application forms outlining scholarships available for the year will be available in mid April from the Career Centre.

III. PRIVATE EXTERNAL SCHOLARSHIPS

These scholarships are controlled exclusively by private organizations and awarded directly to the individual. They have specific criteria. These are usually advertised through companies or union members. If a student qualifies, the Career Advisor can assist in filling out applications. Information on scholarships can be found at <https://deltasecondarycareercentre.weebly.com>

IV. UNIVERSITY AND COLLEGE SCHOLARSHIPS

General Entrance Scholarships

These scholarships are allocated by the post secondary institutions to students who are entering directly from grade 12. In some instances the scholarships may be deferred for up to one year. The scholarships are based on academic achievement although some also take into account community and school involvement, character, and athletic excellence. In general, students must be in the top 5% of their graduating class. Some general entrance scholarships are automatic with school application and don't require a separate application.

For other more major scholarships students will be responsible for:

- Submitting an appropriate number of typed personal reference forms and referee reports for each application,
- Submitting a typed personal background statement or essay where required, and
- Submitting a completed application form.

Career and Post Secondary Advisors will assist with confirming marks and reviewing applications with students prior to mailing.

Affiliate Scholarships

These are scholarships based primarily on academic excellence that are donated to the various post-secondary institutions by organizations or individuals, but are controlled by the institutions. Scholarships can either be "open" (available to all students) or "limited" (student must meet specific criteria in addition to academic performance).

Each institution controls its respective Affiliate Scholarships, and information is available on their respective websites.

Students should start looking through the scholarships in the Fall of their Grade 12 year for various application dates. Information is available in the Career Centre and on <https://deltasecondarycareercentre.weebly.com>.



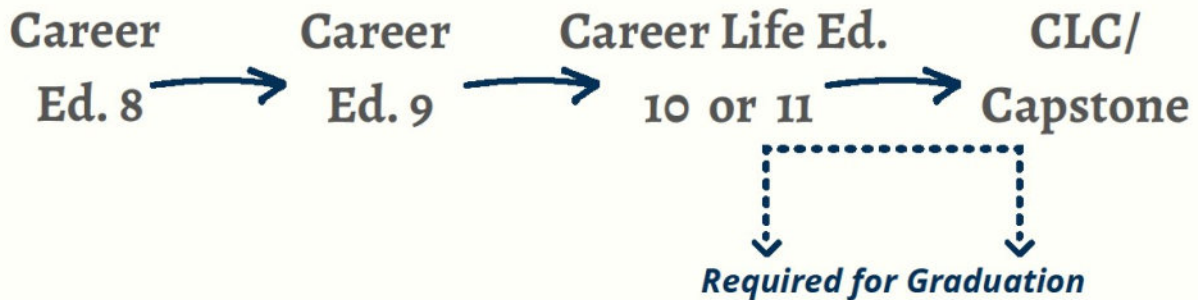
Delta Career Transitions



Career Life Preparation Options & Opportunities

CAREER EDUCATION

Required Curriculum



CAREER PROGRAMS

Optional Experiential Learning



For more information visit

www.deltalearns.ca/careers



Career Transitions

CAREER TRANSITIONS OVERVIEW

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 Work Experience programs, Youth apprenticeship & Trades (Train in Trades & Work in Trades), CTC CADD, and Early Childhood Educator as opportunities for students to further enhance their career-life transition. Please visit www.deltalearns.ca/careers for more information.

CAREER EDUCATION 8 AND 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, mentorship or other career activities.

CAREER LIFE EDUCATION

Career Life Education is a course required for graduation. 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

Career Life Connections & the culmination of a Capstone Project are required courses for graduation. 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; 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.

WORK EXPERIENCE 12

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 unpaid 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.



Career Transitions

YOUTH TRAIN IN TRADES

Youth Train in Trades is an industry training program for grade 11 and 12 students. It is the first year (level 1) of the classroom / shop training which is 20% of becoming a journey person (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. 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. 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 Train and Trades page on the District Website <https://deltalearns.ca/careers/train-in-trades/> *Applications due before spring break. See your Career Program Facilitator.*

YOUTH WORK IN TRADES

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 journey person (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 and visit the Work and Trades page on the District Website <https://deltalearns.ca/careers/work-in-trades/> *See your Career Program Facilitator for more information.*

CTC - CADD (COMPUTER AIDED DRAFTING & DESIGN) - DUAL CREDIT OPPORTUNITY

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 may 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. <https://deltalearns.ca/careers/cadd/> *Applications due before spring break. See your Career Program Facilitator.*

EARLY CHILDHOOD EDUCATION - DUAL CREDIT OPPORTUNITY

Calling all students going into Grade 11 or 12 in September 2022! There is a NEW District program in which you take Early Childhood Education Dual credit courses in partnership with Delta Continuing Education! In these series of classes, you will complete post secondary courses for an ECE assistant certificate, hear from a variety of people in the field, collaborate with like-minded students and even develop your resume to obtain a job when you complete the program. These courses meet the requirements for obtaining a provincial Early Childhood Educator Assistant Certificate while ensuring that students receive a higher-quality, more thorough foundation in Early Childhood Education theory and practice than just the minimum requirement. Students gain credits towards a Delta Basic ECE Certificate if they wish to pursue further education locally. Delta Continuing Education is approved provincially as a training institution for Early Childhood Education Basic and Post-Basic Certificates, and is certified by Human Resources & Social Development Canada. <https://deltalearns.ca/careers/ece/> *Applications due before spring break. See your Career Program Facilitator.*

YELL - (FORMALLY YOUNG ENTREPRENEUR LEADERSHIP LAUNCHPAD)

Calling all Grade 11 & 12 entrepreneurs! There is a District program in which you take Entrepreneurship 12 with students across the district. In this class, you will hear from a variety of business people, collaborate with like-minded students and even develop your own pitch. You will then present your pitch to a group of business owners and they will give you valuable feedback! In addition, if you obtain 80% or higher, you will receive 3 credits for SFU! And best of all it is FREE! How amazing!? Class location and time TBA. Please email lchapiieski@deltaschools.ca for more information. <https://deltalearns.ca/careers/yell/> *Applications due before spring break. See your Career Program Facilitator.*



District Career Programs



Delta Career Programs



Program	Details	
Construction Electrician	Grade: 12 Location: North Delta Secondary - BCIT Satellite Campus Program Time Line: 6 months (February – July)	Credits: 20
Auto Service Technician 1	Grade: 11/12 Location: Seaquam Secondary (Day 1 linear schedule) Program Time Line: 10 months (September - June)	Credits: 20
Professional Cook 1	Grade: 11/12 Location: Seaquam Secondary (Day 1 linear schedule) Program Time Line: 10 months (September - June)	Credits: 20
Carpenter	Grade: 11/12 Location: BCIT – Burnaby Campus Program Time Line: 5 months (February - June)	Credits: 16
Millwright / Industrial Mechanic	Grade: 12 Location: Kwantlen Polytechnic University - Cloverdale Program Time Line: 24 weeks (February – July)	Credits: 20
Welder	Grade: 12 Location: Kwantlen Polytechnic University - Cloverdale Program Time Line: 28 weeks (February – August)	Credits: 24
Baking & Pastry Arts	Grade: 11/12 Location: Vancouver Community College – Downtown Campus Program Time Line: 24 weeks (August - January)	Credits: 24
Motorcycle & Power Equip. Tech	Grade: 12 Location: BCIT – Willingdon Campus Program Time Line: 20 weeks (February - July)	Credits: 16
Plumber	Grade: 12 Location: Kwantlen Polytechnic University -- Cloverdale Program Time Line: 21 weeks (February – June)	Credits: 16
Metal Fabricator	Grade: 12 Location: BCIT – Willingdon Campus Program Time Line: 23 weeks (February - July)	Credits: 20
Auto Refinishing Prep Technician	Grade: 11/12 Location: Vancouver Community College – Broadway Campus Program Time Line: 20 weeks (February - June)	Credits: 20
Commercial Painter	Grade: 11/12 Location: Finishing Trades Institute – Surrey Facility Program Time Line: 6 weeks (June - July)	Credits: 4-8
Work Experience	Grade: 11 or 12	Credits: 4-8
Work In Trades	Grade: Age 15 Location: Apprenticeship Training at work – year-round intake	Credits: 4-16
CADD – CTC	Grade: 11/12 Location: Kwantlen Polytechnic University – Cloverdale Program Time Line: EVENINGS 15 weeks (September - July)	Credits: 16

Please see www.deltalearns.ca/careers for a complete list of essential skills and pre-requisites for each program.

Refer to www.deltalearns.ca/careers for more information.



Help at the Career Centre

EXPLORE AND DISCOVER THE SERVICES OF THE DELTA SECONDARY CAREER CENTRE

Post Secondary: Providing Post Secondary guidance: Assisting with the application process, university & college planning, trades and technical programs, help with supplemental applications.

Course Selection & Planning: Provide course selection guidance to students and parents to meet post-secondary admission requirements.

Scholarships: Scholarship information and application forms, assistance with preparing scholarship application forms, website offering current scholarship information (<https://deltasecondarycareercentre.weebly.com>)

Student Opportunities: Volunteer and work opportunities.

Job Search: Assistance with interview skills, résumés, cover letters, and how to look for a job.

Careers: Volunteer information, current Labour Market Information, as well as information on selected careers, vocational assessments and salaries.

Career Centre Website: <https://deltasecondarycareercentre.weebly.com>



Delta Access Online

Delta Access is a District program where students in Grades 10-12 can complete a course at their own pace, in their home environment using a computer and the Internet. The intention of the program is to provide flexibility for students who have the self-discipline to work through a course with some limited support from qualified Delta School District teachers. Parents are expected to work with the students to monitor progress through the course. Students considering an online course should discuss their plans with their school counsellor.

Courses offered by Delta Access can be found by visiting <http://www.deltasd.bc.ca/access/>.



Academy & Choice Programs

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 MyEducationBC (or through your school counsellor), and
2. Also through online registration on the [Delta Academies website](https://www.deltaschools.ca/academies)

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



FILM ACTING ACADEMY

The Studio – Delta Manor Education Centre

Gr. 8 – 12 All Genders

Coordinated by SDSS Drama Teacher, Jennifer McKee, this academy offers aspiring film and television actors the opportunity to work with working professional actors, Cameron Bancroft, Alex Zahara, Veronica Long, Marc-Anthony Messiah 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 where we are the third largest film and TV production center in North America! Students will work in collaboration with students in the Film Production Academy and Film Visual Effects Academy. (2 block program)

FILM PRODUCTION

The Studio - Delta Manor Education Centre

Gr. 8 – 12 All Genders

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 leading industry professionals: Garnet Campbell and Jason Mills This academy is ideal for students wanting to develop a successful career in Vancouver's vibrant film acting industry where we are the third largest film and TV production center in North America! Students will work in collaboration with students in the Film Acting Academy and Film Visual Effects Academy. (2 block program)

FILM VISUAL EFFECTS (VFX)

The Studio – Delta Manor Education Centre

Gr. 8 – 12 All Genders

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 third largest film and TV production center in North America! Students will work in collaboration with students in the Film Acting Academy and Film Production Academy to experience a real world collaborative process. (2 block program)