

CAREER LIFE EDUCATION 10 (PLANNING)

CE400 Grade Level 10 Credits 4.000

Career Life Education is a new graduation requirement for students who have not completed Planning 10. Career Life Education begins the 'experience & application' journey. Content includes self-assessment, goal setting, lifelong learning, grad requirements, financial planning, workplace etiquette, local & global labour market trends, essential career & employability skills, post-graduation opportunities, employment standards, workplace safety, and awareness of work experience opportunities.

CHORAL MUSIC 10- CHOIR

MU420 Grade Level 10 Credits 4.000

(after school)

This course is designed for all students interested in developing their singing voice. Previous choral experience is helpful, but not required. Students will learn choral singing skills and basic music theory. They will learn to sing in a variety of genres such as: jazz, pop, folk, classical, musical theatre, etc. Students will be evaluated in the areas of performance, participation and musical proficiency (technique, style, etc.) Because the choir is performance-oriented, students are given the opportunity to perform in school concerts, as well as travel both locally and abroad to enrich their choral experience. There is no prerequisite for this course. THIS COURSE WILL BE OFFERED AFTER SCHOOL 2 DAYS PER WEEK. (CHORAL MUSIC 10 & 11) STUDENTS SHOULD SELECT THIS COURSE IN ADDITION TO THEIR EIGHT COURSES.

COMPOSITION & LIT STUDIES 10- ENGLISH

EN400 Grade Level 10 Credits 4.000

Speaking, listening, reading, writing and critical thinking continue to be the foundational pillars of this course; with the New Curriculum, First Peoples' literature and issues will also be studied. Students will read, view and listen to, and respond in writing and orally to, short fiction, novels, poetry, essays and drama. Students will also complete an Independent Inquiry Project based upon a foundational text (of their choosing) and one of the five options outlined in the New Curriculum.

CULINARY ARTS 10 - CAFETERIA TRAINING

HE460 Grade Level 10 Credits 4.000

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 10- BAKING & PASTRIES

HE470 Grade Level 10 Credits 4.000

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.

DIGITAL DESIGN MAKERSPACE 10

DM430 Grade Level 10 Credits 4.000

A Makerspace is a workspace where creative students come together to dream, invent, build and share their ideas. It is a combination of a computer lab, woodshop, laboratory, electronics shop and art studio. Students will have access to 3D printers, laser cutters, Arduino and Raspberry Pi kits, Lego Mindstorm robotics, just to start. Students are encouraged to discover and follow their passions, invent new creations and solve real world problems with innovative thinking.

DRAFTING 10

IE420 Grade Level 10 Credits 4.000

This course is designed to expand on the concepts from the digital design component of Drafting and Design 9, however, no pre-requisite is required.

COURSE CONTENT - A variety of options relative to drawing and design can be explored.

FACILITIES & EQUIPMENT Industry standard or better computers and monitors. A variety of 2D and 3D design, modeling and animation software. FORWARD SKILL APPLICATION: This course will offer the skills required to successfully transition towards the 3D Delta Digital Design program offered in Grade 11 and 12.

SOFTWARE - Includes ACAD, Sketchup, Blender and Sculpttris. The next logical course to take in Grade 10 is Technology Education 10: Drafting & Design. Using 3D software - design and model an object on computer - then print the model on our 3D printer.

DRAMA 10

TH400 Grade Level 10 Credits 4.000

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.

EF LIT STUDIES & SPOKEN LANGUAGE 10

EF400 Grade Level 10 Credits 4.000

English First Peoples 10 is one of the two courses available for students to satisfy the Grade 10 English Language Arts graduation program requirement. Students will study and engage with a variety of First Peoples' texts, including an extensive selection of oral texts. Main themes will be Identity and the Significance of Colonization. This course is open to all students who have completed the prerequisite. The structure of the course lends itself to activities that stress cooperative learning and creative thinking.

ENGLISH 10- COMPOSITION

EN410 Grade Level 10 Credits 2.000

Speaking, listening, reading, writing and critical thinking skills continue to be the foundational pillars of this course; with the New Curriculum, First Peoples' literature and issues will also be studied. Students will read, view and listen to, and respond in writing and orally to, short fiction, novels, poetry, essays and drama. Students will

also complete an Independent Inquiry Project based upon a foundational text (of their choosing) and one of the five options outlined in the New Curriculum.

ENGLISH 10- LITERARY STUDIES

EN420 Grade Level 10 Credits 2.000

Speaking, listening, reading, writing and critical thinking skills continue to be the foundational pillars of this course; with the New Curriculum, First Peoples' literature and issues will also be studied. Students will read, view and listen to, and respond in writing and orally to, short fiction, novels, poetry, essays and drama. Students will also complete an Independent Inquiry Project based upon a foundational text (of their choosing) and one of the five options outlined in the New Curriculum.

FOOD STUDIES 10

HE400 Grade Level 10 Credits 4.000

Food Studies 10 gives students a very fun and creative outlet to learn and practice skills related to home baking and cooking with a focus on local and International food and food systems. Students will learn kitchen and food safety as well as functions of ingredients. Students will be given the opportunity to create and compare recipes and foods, as well as understand the relationship between eating practices and mental and physical well-being. Course highlights include hands on manipulation and construction of recipes, as well as cake decorating. No prerequisite needed.

FOUNDATIONS MATH & PRE-CALCULUS 10

MA400 Grade Level 10 Credits 4.000

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. A Provincial Exam worth 20% of the final mark must be written by all students at the end of this course.

FOUNDATIONS MATH & PRE-CALCULUS 10

MA405 Grade Level 10 Credits 4.000

Enriched

PREREQUISITE-Successful completion of Math 9 (with a recommended minimum mark of A or B), and recommendation from the Math 9 teacher. *COURSE CONTENT*-In addition to covering the Foundations & Pre-Calculus Math 10 curriculum, students will be provided with enhanced opportunities for creative problem solving and application of higher mental processes and may preview the curricula of more senior Math courses. To assess and practice their problem solving and math skills development, students enrolled in Enriched Foundations & PreCalculus Math 10 will prepare for and participate in the Cayley Math Contest.

INSTRUMENTAL MUSIC 10- GUITAR

MU430 Grade Level 10 Credits 4.000

There are no prerequisites for Guitar 10. 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 10- INTERMEDIATE**MU400I** Grade Level 10 Credits 4.000**BAND**

General Information: This is a course for Grade 10 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 10- SENIOR BAND**MU400S** Grade Level 10 Credits 4.000

GENERAL INFORMATION-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 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.

LANGUAGES 10- FRENCH**LA400** Grade Level 10 Credits 4.000

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.

LANGUAGES 10- SPANISH**LA420** Grade Level 10 Credits 4.000

This course is a continuation of the Realidades-Level 1 (last half of the textbook) with continued online support activities. 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. Some topics explored this year will be: travel, family, media and clothing. Using a variety of activities and methods, this course will help strengthen oral and listening abilities in the Spanish language.

METAL WORK 10**IE450** Grade Level 10 Credits 4.000

Metalwork Technology 10 introduces students to the processes used to design, layout, form, shape and finish metal. We will Lathe Turn, Mill, Braze, Forge, Cast, Plasma Cut and Form different metals as we build unique projects with the processes learned. We also use our 3D printers and CNC routers to make parts, and patterns for casting in aluminum! The emphasis for this course is to learn through doing, so paperwork is limited. Projects can 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! Metalwork Technology 10 is a fun way to join modern computerized design and production processes with the hands-on fun we have with the metalwork.

Please visit dssteched.ca!

PHOTOGRAPHY 10

AR451 Grade Level 10 Credits 4.000

Graphic Communications introduces students to the building blocks of design. 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 learn to navigate the analog world through various darkroom practices.

PHYSICAL & HEALTH ED 10: LEADERSHIP

PE400L Grade Level 10 Credits 4.000

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. Students will also be given the opportunity to take on volunteer and leadership opportunities that will enhance the school and support the school's athletic program.

PHYSICAL & HEALTH EDUCATION 10

PE400 Grade Level 10 Credits 4.000

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 students personal fitness and enjoyment of physical activity and increase students chances for being active throughout their lives.

POWER TECHNOLOGY 10

IE440 Grade Level 10 Credits 4.000

COURSE CONTENT: The Mechanics 10 course is an opportunity for students to work with small engines. Students will learn how to properly disassemble, reassemble, maintenance, diagnose, repair and run different 2-stroke and 4-stroke engines. Imagine being able to tune-up outboards, lawnmowers and garden tractors, motorbikes, snowmobiles, go-karts, etc! The basic theory behind internal combustion engines and their associated systems will be supplemented with some discussion of electric drivetrains too, including time spent with the school's electric Jr. Dragster race car. An understanding of common tools and fasteners will come with hands-on work on actual motors that we will get running and tune during the course. Some simple metalworking skills will complement the Mechanics skill to aid in repair and modification of motors. This course is an excellent precursor to any Automotive courses at DSS. Please visit dssteched.ca!

SCIENCE 10

SC400 Grade Level 10 Credits 4.000

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.

SOCIAL STUDIES 10

SS400 Grade Level 10 Credits 4.000

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.

STRATEGIES 10- ABORIGINAL STUDIES

AS450 Grade Level 10 Credits 4.000

This course contains a more in-depth look at the oral and artistic expression of Aboriginal cultures. It deals with Aboriginal traditions, issues and customs, both pre- and post-European settlement. Aboriginal Studies is a graded elective.

STUDIO ARTS 2D 10- DRAWING & PAINTING

AR420 Grade Level 10 Credits 4.000

Students will increase their confidence in art as they continue to develop their 2D skills through practicing different drawing and painting techniques using a variety of mediums. Everyone will get their own visual journal(sketchbook) for practice and play. Inspirations will be found by looking at other artworks, artists and the world around us.

STUDIO ARTS 3D 10- CERAMICS & SCULPTING

AR430 Grade Level 10 Credits 4.000

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.

TECH EXPLORATION 10

IE400 Grade Level 10 Credits 4.000

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! Please visit dssteched.ca!

THEATRE COMPANY 10

TH430 Grade Level 10 Credits 4.000

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.

WOODWORK 10

IE410 Grade Level 10 Credits 4.000

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 multi-year project like a boat with us! Please visit dsstech.ca

WORKPLACE MATH 10

MA410 Grade Level 10 Credits 4.000

PREREQUISITE-Successful completion of Essentials of Math 9, or recommendation from the Math 9 teacher, based on completion of Math 9 with a minimally passing grade. COURSE CONTENT-This course is designed to teach students the basic Math skills needed for the home and the workplace. A Provincial Exam worth 20% of the final mark must be written by all students at the end of this course.