

**ENGLISH 10**

**EN400** Grade Level 10 Credits 4.000

*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 FIRST PEOPLES**

**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. Students will be preparing for the Provincial Exam worth 20% of the final mark that must be written by all students in this course.*

**PLANNING 10**

**PL400** Grade Level 10 Credits 4.000

*Planning 10 helps students gain the knowledge and skills necessary to make responsible and informed decisions about their education, career and personal lifestyle. Specifically, Planning 10 will focus on educational planning, both at the secondary and post-secondary level, career readiness, financial literacy, and healthy decision-making. Students will also be introduced to Graduation Transitions in this course and will begin gathering evidence and documenting achievements in the areas of Personal Health, 30-hour Community Connections, and Career and Life Goals. Successful completion of Planning 10 is a graduation requirement.*

**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.*

**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.*

**SCIENCE 10**

**SC400** Grade Level 10 Credits 4.000

*This general science course is a required course in the B.C. curriculum of studies. Topics cover four big ideas: Genes are the foundation for the diversity of living things.*

*Chemical processes require energy as atoms are rearranged. 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.*

**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.*

**ENRICH FOUNDATION & PRE-CALC MATH 10****MA405** Grade Level 10 Credits 4.000

*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.*

**FOUNDATIONS & PRE-CALCULUS MATH 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.*

**APPRENTICESHIP & 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.*

**ENGLISH 10 (HUMANITIES)****EN400H** Grade Level 10 Credits 4.000

*This course is recommended for students who have shown an interest in English and Social Studies and who have demonstrated a strong ability to work both independently and in groups. This course replaces a student's English 10 and Social Studies 10 course. Humanities 10 weaves the themes and skills of Social Studies 10 with the skills of English 10 and focuses on developing a student's critical thinking and cooperative learning skills, and reading, writing and communication skills. A significant portion of the course involves public speaking and the "Images of Greatness" major project.*

**SOCIALS 10 (HUMANITIES)****SS400H** Grade Level 10 Credits 4.000

*This course is a continuation of Humanities 9 and concentrates heavily on critical reading, listening, viewing, writing, and thinking. Again, the curricula of English and*

*Social Studies are used to create an integrated program. A Provincial Exam worth 20% of the final mark in English 10 must be written by all students in this course. Humanities 10 students participate in a significant independent project, Images of Greatness, which involves research and impersonation of an historical figure. This project also features a substantial public speaking component. This course is recommended for students who have demonstrated strong ability to work both individually and in groups.*

**ABORIGINAL STUDIES 10** **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.*

**COMPUTER ANIMATION 10** **DM425** Grade Level 10 Credits 4.000

*Does not apply as Fine Art Applied Skill at this grade level.*

*COURSE CONTENT-This course is open to students in Gr 10-12 as an introduction to the art and technical side of ANIMATION \*the art of movement\*, using both traditional and computer techniques. Computer animation is a growth industry in B.C. Animation and game development offers a wide variety of opportunities for students to pursue their creative interests. We will explore the earliest methods to understand "persistence of vision" using a Zoetrope, through to modern digital computer methods of animating used today by Disney-Pixar and many gaming companies. \*Does not qualify for Fine Art Applied Skill at the Grade 10 level.\**

**DIGITAL DESIGN MAKERSPACE 10** **DM430** Grade Level 10 Credits 4.000

*A Makerspace is a workshop 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 cutter, Arduino and Raspberry Pi kits, Lego Mindstorm robotics, flatbed printers, and cameras just to start. Students are encouraged to discover and follow their passions, invent new creations and solve real world problems with innovative thinking. IDS Course will give you a 2nd block of Makerspace.*

**DIGITAL DESIGN MAKERSPACE 10 IDS** **DM430I** Grade Level 10 Credits 4.000

*IDS Course will give you a 2nd block of Makerspace. Please see your counsellor if you would like a 2nd block.*

**CULINARY ARTS TRAINING 10** **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.*

## **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 International foods. Students will learn kitchen and food safety and basics that will enable them to create an array of different foods. Functions of ingredients are learnt and a variety of cooking methods are available. Students will be given the opportunity to compare recipes and foods, as well as understand food labels. Cultural cuisines, food marketing, and career opportunities will be included as well. Course highlights include construction of brownie witches for the fall, and bunny cakes for Spring, which allow the students to show what they have learnt in a fun and creative manner. No prerequisite needed.*

## **TEXTILES STUDIES 10**

**HE420** Grade Level 10 Credits 4.000

*Builds on the basic knowledge that was acquired in Textiles 9 focusing on using hand and machine sewing. Sergers and an embroidery machine will be used 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. Students will continue to further develop their sewing skills by choosing more difficult patterns to complete their chosen projects. Highlight of this course is constructing personal stockings for the winter term as well as the opportunity to choose your own projects. No prerequisite required.*

## **FRENCH 10**

**LA400** Grade Level 10 Credits 4.000

*COURSE CONTENT-This is a comprehensive course which uses the communicative programme Ca Marche 3. Students interact daily in French. The language is brought closer to students by using familiar themes. Cultural and reading materials are incorporated into this course. Listening activities include situations and modern French music to which adolescents can relate.*

## **SPANISH 10**

**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.*

## **CONCERT BAND 10 - BEGINNER**

**MU400B** Grade Level 10 Credits 4.000

*GENERAL INFORMATION: 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.*

### **CONCERT BAND 10 - INTERMEDIATE**

**MU400I** Grade Level 10 Credits 4.000

*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.*

### **CONCERT BAND 10 - ADVANCED**

**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.*

### **DRAMA 10**

**TH400** Grade Level 10 Credits 4.000

*COURSE CONTENT-Drama 10 furthers the topics and skills learned in Drama 9 and deals specifically with characterization (ie: character awareness and character development), concentration, sensitivity, imagination, improvisation, speech, role playing and scripted and monologue work. The student should be ready to be challenged on stage: be willing to try new things; further develop his/her confidence on stage; demonstrate leadership skills; communicate easily with others; and work well in groups. Students must be able to perform character roles believably and with discipline. ASSIGNMENTS/ACTIVITIES - Improvisation, speech, music, movement, play building, memorization, rehearsal and performance of scripted monologue and dialogue, written character analysis, live play review and various homework assignments given.*

### **GUITAR 10 - INSTRUMENTAL MUSIC**

**MU430** Grade Level 10 Credits 4.000

*GENERAL INFORMATION-There are 4 Guitar Programme Levels: #1 (Beginner/never played the guitar before) #2 (Novice/has a good knowledge of open chords & can read music in the 1st position) #3 (Intermediate/has the ability to play barre chords & is competent at alternate thumb picking with open chords) #4 (Advanced/alternate thumb picking with barre chords & has a good understanding of scales in different modes). NOTE: Each block of Guitar (except Gr 8) will have Gr 9-12 & a variety of levels 1-4. Guitars are provided for all students. PREREQUISITE-This is a course for Gr 10 students wishing to study the guitar. Students will be placed in an appropriate level 1-4. COURSE CONTENT-Skills taught in reading chord charts, tablature, notes & rhythmic patterns;also strumming & picking patterns through the study of appropriate songs. Will learn to write their own songs & have the opportunity to perform for the class individually or in small groups and to record their own songs using multiple track computer software.*

## **DRAFTING/DESIGN 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 Sculptris. 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.*

## **METALWORK TECHNOLOGY 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 metalwork. Please visit [dssteched.ca](http://dssteched.ca)!*

## **POWER MECHANICS 10: SMALL ENGINES**

**IE440** Grade Level 10 Credits 4.000

### *LEVEL 1*

*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](http://dssteched.ca)!*

## **TECHNOLOGY EDUCATION 10**

**IE400** Grade Level 10 Credits 4.000

### *ENGINEERING*

*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](http://dssteched.ca)!*

## **WOODWORK TECHNOLOGY 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 [dssteched.ca](http://dssteched.ca)*

## **CERAMICS & SCULPTURE 10 - VISUAL ARTS**

**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.*

## **DRAWING & PAINTING 10-VISUAL ARTS**

**AR420** Grade Level 10 Credits 4.000

*RECOMMENDATION-If you've always enjoyed art or if this is a new interest for you, come and join the fun! This course is designed to let you explore a variety of art media and processes at your own skill level.*

*COURSE CONTENT-This course helps build drawing, painting and design skills. We will learn about composition and colour, texture and tone. Explore mark making and abstraction. Paint and draw realistically and expressively. Learn to hone your skills of seeing and perception.*

*ASSIGNMENTS-Study the natural world and paint a landscape. Learn current art trends by manipulating text and photographic media. Study the face and paint in the style of Van Gogh. Use your favourite song lyrics as part of an altered book project. Draw from real life and imagination. Design your ideal bedroom. A sampling of fun that awaits.*

## **CHORAL MUSIC 10: CONCERT 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.*

**THEATRE COMPANY 10**

**TH430** Grade Level 10 Credits 4.000

*DOES NOT QUALIFY AS FINE ARTS CREDIT, ONLY GR 11 QUALIFIES.*

*This course is an opportunity to be part of a cast of a scripted play. The creation and performance of a theatre production requires collaborative efforts of the entire company. In place of an extracurricular production, this course is offered outside the timetable 2 days a week after school with the time commitment increasing closer to show date. Students should select this in addition to their eight courses. They learn about the nature of a Theatre Company and the interconnected roles and responsibilities, both on stage and behind the scenes. Students are required to have a mature, committed and professional attitude towards the creative and rehearsal process and performance. By doing so they learn skills and attitudes necessary to perform within a Company, including valuable personal and interpersonal skills that they can apply in broader social and career contexts. Acceptance is by audition in early Spring (singing, acting and dancing). Pls note: Rehearsal demands increase closer to show date requiring increased attendance.*

**THEATRE PRODUCTION 10: JUNIOR STAGECRAFT**

**TH420** Grade Level 10 Credits 4.000

*Technical Theatre I - This is an excellent opportunity to learn about the goings on in Genesis Theatre. This course allows you to be part of all events that occur in the theatre. You will learn: lighting, sound, stage managing, how to create props, build sets, paint sets, rigging and many other beneficial skills. No experience necessary, just a passion to do lots of hands on learning and creating. This course runs outside the timetable once a week and is designed to be taken more than once. Students will be expected to crew in a number of shows.*