

ENGLISH 9

EN300 Grade Level 9 Credits 1.000

Speaking, listening, reading, writing and critical thinking are emphasized in this course. Students will be involved in the study of novels, short stories, poetry and drama; this study will include First Peoples' literature and perspectives. The writing process, particularly as it applies to paragraph and essay writing, will also be emphasized.

ENGLISH 9 (HUMANITIES)

EN300H Grade Level 9 Credits 1.000

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 9 and Social Studies 9 courses. Humanities 9 Weaves the themes and skills of Social Studies 9 with the skills of English 9 and focuses on developing a student's critical thinking and cooperative learning skills, and reading, writing and communication skills.

PRINCIPLES OF MATH 9

MA300 Grade Level 9 Credits 1.000

COURSE CONTENT-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.

PHYSICAL AND HEALTH EDUCATION 9

PE300 Grade Level 9 Credits 1.000

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

SCIENCE 9

SC300 Grade Level 9 Credits 1.000

This general science course is a required course in the B.C. curriculum of studies. Topics include four big ideas: Cells are derived from 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 cycles and energy flows through them.

SOCIAL STUDIES 9

SS300 Grade Level 9 Credits 1.000

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.

SOCIALS 9 (HUMANITIES)

SS300H Grade Level 9 Credits 1.000

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 individually and in groups. The Humanities course will replace the student's regular English and Social Studies courses. The course will deal with the content and skills of Social Studies while covering all English skills for Grade 9. Study will be based around major themes with stories and novels to support these themes. The structure of the course lends itself to a variety of learning styles with approaches that stress critical thinking skills, cooperative learning, and the writing process. A willingness to prepare for classes in advance is important for success in Humanities 9.

ABORIGINAL STUDIES 09

AS350 Grade Level 9 Credits 1.000

This course focuses on the oral and artistic expression of Aboriginal cultures. It also deals with Aboriginal traditions, issues and customs, both pre- and post-European settlement. Aboriginal Studies is a graded elective.

INFORMATION TECHNOLOGY 9

BE355 Grade Level 9 Credits 1.000

This course will help you build your speed and accuracy in keyboarding. Other topics that may be covered include: how to produce professional looking documents, presentation preparation, basic animation, web design and social media.

COMPUTER ANIMATION 9

DM325 Grade Level 9 Credits 1.000

*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, Sculpttris, 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.*

DIGITAL MEDIA MAKERSPACE 9

DM330 Grade Level 9 Credits 1.000

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 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 MEDIA MAKERSPACE 9 IDS

DM330I Grade Level 9 Credits 1.000

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

FOOD STUDIES 9

HE300 Grade Level 9 Credits 1.000

Food and nutrition 9 allows students an exciting option to take food studies all year long. It is a very hands on course, where students build the skills learned from Grade 8 in the areas of kitchen and food safety as well as kitchen basics. A variety of cooking techniques to produce baked goods as well as simple meals will be applied and practiced.

Nutrition and healthy eating will be continued from last year and expanded upon. Course highlights include holiday baking and cake decorating. No prerequisite required.

TEXTILE STUDIES 9

HE320 Grade Level 9 Credits 1.000

This course is designed for students who have an interest in using and developing skills with a focus in fabrics and materials. Students will learn how to select and work with commercial patterns, and become familiar with hand sewing as well as machine sewing. This is a very fun and creative environment to try new things and work at your own pace. Highlights of this course include the right to choose your own projects as well as having the freedom to work along side your friend and other classmates in a very relaxed atmosphere. Also access to sergers and an embroidery machine allow for more creative projects. No prerequisite required.

FRENCH 9

LA300 Grade Level 9 Credits 1.000

*This course is a continuation of French 8. The communicative approach of the text, *Ca Marche 2*, allows students to interact frequently. Relevant themes such as: school of the future, hobbies, music, outdoor activities, and fashion are covered. Through these themes, the four language skills and French culture are taught. An effort is made to incorporate authentic documents.*

SPANISH 9

LA320 Grade Level 9 Credits 1.000

*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 information is incorporated at appropriate points. Listening, speaking, reading and writing will be taught using a variety of activities. The program used is *Realidades - Level 1* (first half of textbook) which offers a wide variety of online support activities.*

CONCERT BAND 9 - BEGINNER

MU300B Grade Level 9 Credits 1.000

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 9 - INTERMEDIATE

MU300I Grade Level 9 Credits 1.000

INTERMEDIATE BAND-This is a course for Grade 9 students with at least one full year of recent Band experience (or its 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. There are mandatory group performances (concerts) from time to time. Students are also encouraged to participate in the annual spring field trip.

CONCERT BAND 9 - ADVANCED

MU300S Grade Level 9 Credits 1.000

This course is designed for Grade 9 students who are at a very advanced level. Students must audition and may only enroll with the director's approval. Concert Band provides a more challenging repertoire and greater emphasis on interpretation and musicianship. Students rehearse primarily during class time but are required to attend multiple performances throughout the year. Students are encouraged to participate in the annual Spring field trip.

DRAMA 9

TH300 Grade Level 9 Credits 1.000

Drama 9 is a full-year course (10 months) which allows students to develop their performance skills. Course topics include: trust, concentration, imagination, movement, mime, speech, improvisation, teamwork, scripted monologue and dialogue, memorization and character building. The student should be able to demonstrate focus, discipline, memorization skills, character and imagination. The student should be mature enough to present ideas in an open manner, remain in character, and show concern for both the project and fellow students. ASSIGNMENTS/ACTIVITIES-Scripted dialogue and monologue. Student generated scene work. Written character analysis. Movement, dance and music exercises. Emphasis on blocking and stage pictures. Most assignments involve teamwork and will be completed during class time so participation is of utmost importance.

GUITAR 9 - INSTRUMENTAL MUSIC

MU330 Grade Level 9 Credits 1.000

GENERAL INFORMATION - There are 4 Guitar Program Levels: #1 Beginner (never played the guitar before) #2 Novice (has a good knowledge of open chords and can read music in the 1st position) #3 Intermediate (has the ability to play barre chords and is competent at alternate thumb picking with open chords) #4 Advanced (alternate thumb picking with barre chords and has a good understanding of scales in different modes). NOTE: Each block of Guitar (except Gr8) will have Gr 9-12 and a variety of levels 1-4. Guitars are provided for all students. PREREQUISITE-This is a course for Gr9 students wishing to study the guitar. Students will be placed in an appropriate level. COURSE CONTENT-Skills taught in reading chord charts, tablature, notes and rhythmic patterns, also strumming and picking patterns through the study of appropriate songs. Will learn to write their own songs and 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 TECHNOLOGY 9

IE320 Grade Level 9 Credits 1.000

This course is designed to expand on the concepts from the Digital Design component of LifeSkills. COURSE CONTENT-Drafting 9 offers the convergence of digital arts and technology design. Students will be working on 2D AutoCAD, 3D mesh modeling, multiple object Animation and Simple computer game building. 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.

METALWORK TECHNOLOGY 9

IE350 Grade Level 9 Credits 1.000

Metalwork Technology 9 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. Students will make projects like a decorative Pewter casting, a Balancing Acrobat brazed sculpture, a sheet metal machining. Most projects have some aspect that is designed by the student themselves, allowing personal preferences to come into play wherever possible. Please visit dsstech.ca!

POWER MECHANICS 9:

IE340 Grade Level 9 Credits 1.000

INTRO TO SMALL ENGINES

The Mechanics 9 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. 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. 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 course at DSS. Please visit dsstech.ca!

TECHNOLOGY EDUCATION 9- GENERAL

IE300 Grade Level 9 Credits 1.000

ENGINEERING

The 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 the bigger equipment in our fully equipped Metal and Wood Shops! Previous projects in the course have included robots, remote controlled submersibles and even an RC airplane, and this year we will explore projects like Drones and Mini Arcades. 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!

WOODWORK TECHNOLOGY 9

IE310 Grade Level 9 Credits 1.000

PREREQUISITES: None! **RECOMMENDATION:** For students who want to learn 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!

Please visit dsstech.ca!

ARTS EDUCATION 9

AR300 Grade Level 9 Credits 1.000

RECOMMENDATION-Bring your creativity, imagination and sense of adventure into the art room and prepare to create. **COURSE CONTENT-**Art 9 helps build drawing, painting and design skills through assignments that focus on the elements and principles of design (rules of making art). New materials are introduced including acrylic paint, pen and ink, water colours and water colour pencils and charcoal. **ASSIGNMENTS-**Students will create a

self-portrait styled as a suit of playing cards, create a large monochromatic animal painting, draw like graffiti artists, design a set of stamps, learn to draw in perspective and from real life, explore the world of Dr. Seuss and much more.

CERAMIC & SCULPTURE 9 - VISUAL ARTS

AR330 Grade Level 9 Credits 1.000

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.

GRAPHIC COMMUNICATIONS 9

AR351 Grade Level 9 Credits 1.000

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 learn the basics of photoshop and how to manipulate images in a digital realm. They will be challenged to expand their visual perception. Students will learn how to create crazy "snap chat" like manipulations. In addition, students will learn to navigate the analog world through various darkroom practices. Evaluation is based on the student's originality, use of material, unity of design, artistic merit, and effort.

CHORAL MUSIC 9: CONCERT CHOIR

MU320 Grade Level 9 Credits 1.000

(after school)

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.

THEATRE COMPANY 9

TH330 Grade Level 9 Credits 1.000

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 9: JUNIOR STAGECRAFT **TH320** Grade Level 9 Credits 1.000

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.