



**GRADE 9
COURSE SELECTION
2019 – 2020**

CHEMAINUS SECONDARY SCHOOL

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COURSE DESCRIPTIONS

The following course descriptions will help you to determine which elective courses you would like to take. This information includes courses, which are mandatory, for all Grade 9 students.

ENGLISH 9

English 9 is a continuation of the development of reading, writing and inference skills begun in previous years. The curriculum is designed to empower students by providing them with strong communication skills, an understanding and appreciation of language and literature, and the capacity to engage fully as literate and responsible citizens in a digital age. Students will use oral, written, visual and digital texts to access information. Students will learn about strategies, processes, writing structures and conventions. Students are guided in their learning to think critically, creatively, and reflectively; to construct a sense of personal and cultural identity; and to be respectful of a range of perspectives and worldviews

SOCIAL STUDIES 9

Big Ideas for Social Studies 9 students are: Emerging ideas and ideologies profoundly influence societies and events; the physical environment influences the nature of political, social, and economic change; disparities in power alter the balance of relationships between individuals and between societies and collective identity is constructed and can change over time. **Time period to be discovered: 1750 – 1919.**

Students will conduct inquiry and research during the course. Written assignments and tests will also be forms of evaluation.

MATHEMATICS 9

Emphasizes numeracy to help us see patterns, communicate ideas and solve problems. We will apply mathematics to inquiry questions that will enable us to draw conclusions and make predictions. Students will use logic, analyze, make connections and apply multiple strategies to problem solve. Numeracy content includes exponents, income, finances, rational numbers, polynomials, graphing, equations, reasoning and statistics in society.

A scientific calculator is required.

WORKPLACE MATHEMATICS 9

Workplace Mathematics 9 is designed for students who experienced some difficulty in Math 8 and need more time to review basic operations before moving on. Topics covered will include money, wages, number operations, measurement, basic algebra, geometry and data analysis. This course leads to Workplace Math 10.

The Math 8 teacher will recommend students for this course.

Teacher presentations, projects and guided lessons will be used to present course content. A calculator is required.

SCIENCE 9

Science 9 requires students to be actively communicating, thinking and being personally and socially responsible in their learning and laboratory activities. The Big Ideas are:

- Cells are derived from cells.
- The electron arrangement of atoms impacts their chemical nature.
- Electric current is the follow of electric charge.
- The biosphere, geosphere, hydrosphere, and atmosphere are interconnected, as matter cycles and energy flows through them

A calculator is required for this course.

PHYSICAL AND HEALTH EDUCATION 9

This course is designed to build upon the skills and knowledge from the previous year. Students will continue to learn and improve their skills and knowledge to successfully participate in different physical activities and make to decisions that will lead to a healthy lifestyle. Students further their skill development in the areas of physical literacy, healthy and active living, social and community health, and mental well-being. The knowledge component includes such topics as fundamental movement skills and strategies, training principles, sources of health information, signs and symptoms of stress, anxiety and depression, nutrition, and healthy relationships.

CAREER EDUCATION 9

The Career Education curriculum supports students in the process of becoming successful, educated citizens by providing them with opportunities to explore a variety of careers and options for their future. Career Education helps students to discover a bridge between classroom learning and workplace and post-secondary realities, and is intended to make their learning meaningful and relevant. In Grade 9, students explore concepts such as identity, leadership, personal planning, and transferable skills. As students build on the foundation developed from their experiences, they begin to explore in greater depth their skills and passions, and begin to determine possible routes to their goals.

ELECTIVE COURSES

Students must take three (3) of the following elective courses.

FRENCH 9

French 9 is recommended to students who enjoyed the experience of studying a second language in Grade 8. Reading, writing, speaking and listening are emphasized in French 9. Students will learn French through a variety of highly engaging stories.

VISUAL ARTS 9

In this studio based course students will have the opportunity to learn and employ the Elements and Principles of art. Students will be introduced to a variety of mediums with which they can explore and create.

BAND 9

Band 9 is a performance-based study of instrumental music through the traditional concert band forms. Students should be able to read music well enough to play in ensemble or concert groups. Theory is taught as the students learn to play. Students will perform in the band as well as be prepared to perform a solo. Students should be prepared to perform in at least one extra-curricular performing group. Students must practice regularly and conscientiously. We will play a wide variety of musical styles, including several well-known pieces.

DANCE 9

Dance 9 is a performance-based study of a variety of dance styles and techniques. The first portion of this course will cover basic technique and form and the second portion of this course will cover performance and choreography. An opportunity to explore individual or group choreography will be provided. The end goal of this course is participation in a dance showcase at the end of the term.

DRAMA 9

A fun activity-based class, Drama 9 provides a creative outlet. Students learn to build trust, confidence and skills in a variety of activities.

The course will consist of games, exercises, mime, radio plays, scene presentation, and an introduction to improvisational work.

ENTREPRENEUR/ENVIRONMENTAL 9

Entrepreneurship will focus on the skills needed to start your own business. Content covered will include goal setting, business skills, how to market business, creating a website, what is the need in your community/globally, advertising techniques, psychology of different people, and work on presenting your pitch to a panel like Dragon's Den.

Environmental studies will look at issues of climate change. Local stewardship, invasive species, biomes, local food chains, ecology of your back yard, composting, plastics and overuse of materials. Possible field trips to various places including: Biological Station, fisheries, ecocentre, mud huts, Echo Heights.

These topics encourage meaningful experiments, inquiry based investigations, topical debates and discussions, and the enhancement and application of critical thinking and problem solving skills.

ADST: INFORMATION AND COMMUNICATIONS TECHNOLOGY - COMPUTERS

Information Technology 9 is a general computer course intended for students at ALL levels of experience and ability with computer technology. Instruction and learning takes place in a lab setting with tutorials, assignments and projects. Both individual and group work inquiry-based opportunities will be available for students to further explore their learning in other subjects.

Topics covered will include: Computer Hardware, Office Applications (word processing, spreadsheets, presentation software), Graphic Design (illustration and photo editing), Electronic Communications (internet technologies and web page design), Animation, and Digital Video (filming and editing a short movie).

ADST: FOODS 9

This course focuses on the foundations of cooking. Throughout this course, students will focus on a variety of themes that may include; kitchen basics, food trends, and international foods and food culture. Students will work cooperatively in groups to prepare a variety of foods while learning about food preparation techniques, cooking principles and food safety.

ADST: METALWORK/JEWELRY MAKING 9

Technology Education 9: Metalwork is a project-oriented course designed to familiarize students with the safe use of hand and power tools and welding equipment.

There will be a class and individual demonstrations. Students will work at their own level to complete small projects using hand and power tools.

ADST: WOODWORK 9

Woodwork 9 focuses on students developing their skills related to: the care and use of woodworking hand tools, machines and materials; develop proper attitudes and practices concerning health and safety; develop the ability to select and to design projects that are functional, attractive and appropriate; develop a pride in good work and the ability to evaluate one's own accomplishments objectively; develop proper attitudes towards work and towards relationships with others.

This course is strongly recommended for all students considering a career in Woodwork and/or our Dual Credit Carpentry Trades Program.

ADST: ELECTRONICS AND ROBOTICS 9

The focus will be **ROBOTICS**. The main objective of this course is to develop knowledge into the world of electronics. This is a hands-on course based on labs, theory and projects.

Students will design, build circuits, program and construct various electronic or robotic devices.

ADST: TEXTILES 9

This will be an introductory course for students Grades 9 – 12. They will study a variety of textiles related topics that may include: hand sewing, machine sewing, knitting, crocheting, fabric properties/care, textile manipulation, fashion design and refashioning and repurposing. We will produce a variety of items ranging from pincushions to PJ's to purses.