Elkford Secondary School



Course Selection Guide 2020-2021

Information included in this edition:

Graduation requirements

Complete course descriptions for grades 10 through 12

Graduation Requirements (Dogwood Diploma)

Sur	Summary of Graduation Requirements: Dogwood Diploma				
	Grade 10	Grade 11 Grade 12			
Required: m	inimum 52 credits				
English Language Arts	Choose two 2-credit courses: Composition 10 Creative Writing 10 Literary Studies 10 New Media 10 Spoken Language 10 EFP Writing 10 EFP Literary Studies 10 EFP New Media 10 EFP Spoken Language 10	Choose one 4-credit course: Composition 11 Creative Writing 11 Literary Studies 11 New Media 11 Spoken Language 11 EFP Literary Studies and Writing 11 EFP Literary Studies and New Media 11 EFP Literary Studies and Spoken Language 11	Choose one 4-credit course: English Studies 12 English First Peoples 12		
Mathematics	Choose one 4-credit course: □ Foundations of	Choose one 4-credit course: (Gr	rade 11 or Grade 12)		
	Mathematics and Pre-calculus 10 Workplace Mathematics 10	Mathematics 11 Pre-calculus 11 Workplace Mathematics 11 History of Mathematics 11 Computer Science 11	☐ Apprenticeship Mathematics 12☐ Pre-calculus 12		
Science	Required 4-credit course:	Choose one 4-credit course: (Gr	rade 11 or Grade 12)		
	☐ Science 10	☐ Physics 11 ☐ Life Sciences 11 ☐ Chemistry 11 ☐ Earth Sciences 11 ☐ Science for Citizens 11 ☐ Environmental Science 11	☐ Physics 12 ☐ Anatomy and Physiology 12 ☐ Chemistry 12 ☐ Geology 12 ☐ Environmental Science 12 ☐ Specialized Science 12		
Social Studies		Choose one 4-credit course: (Gr	rade 11 or Grade 12)		
	□ Social Studies 10	□ Explorations in Social Studies 11 □ Francophone History and Culture 11	□ B.C. First Peoples 12 □ Contemporary Indigenous Studies 12 □ Comparative Cultures 12 □ ComparativeWorld Religions 12 □ Economic Theory 12 □ Human Geography 12 □ Physical Geography 12 □ Urban Studies 12 □ 20th Century World History 12 □ Asian Studies 12 □ Genocide Studies 12 □ Political Studies 12 □ Political Studies 12 □ Law Studies 12 □ Philosophy 12 □ Social Justice 12		

Sum	mary of Graduation	Requirements: Dogv	vood Diploma	
	Grade 10	Grade 11	Grade 12	
Arts Education/ ADST	Shoose Toleans at chiler Grade 10, Grade 11, or Grade 12			
Career Education	Required 8 credits in Career Education (Grade10, Grade 11, or Grade 12) Career-Life Education Career-Life Connections (including 30 hours of work experience or career-life exploration)			
Physical and Health Education (PHE)	Required 4-credit course: Physical and Health Education 10			
Electives: mi	nimum 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: • Ministry-developed or Ministry-approved courses • External Credentials • Board/Authority Authorized (BAA) courses • Post-Secondary ("dual") credit • Independent Directed Studies (IDS)				
Elective Courses	Grade 10: 2-5 electives	Grade 11: 3-5 electives	Grade 12: 6-8 electives*	
Total: 80 credits required for graduation				
* at least 16 credits must be at the Grade 12 level, including a required Grade 12 Language Arts course and the Career- Life Connections course.				
Graduation P	rogram Assessments			
Required for Graduation	☐ Grade 10 Numeracy ☐ Grade 10 Literacy		☐ Grade 12 Literacy	

GRAND TOTAL: 80 credits

Don't forget that post-secondary institutions often require you to complete specific courses to get into certain programs. Careful planning in Grades 10, 11 and 12 will ensure you have all the courses and credits you need.

Checklist and Information

1) IF YOU ARE ENTERING GRADE 10: □ You must take:
English Language Arts 10 (two courses at 2-credits each), Social Studies 10, Workplace or Foundations Math 10, Science 10, Physical Education 10, Career Education 10 and Arts or Applied Skills course 10 (ex. Drama or Woodwork).
☐ You will need to select some electives to complete your Course Selection to make a total of NO LESS THAN <u>8</u> COURSES in the timetable.
Additional courses may be taken outside the timetable.
2) IF YOU ARE ENTERING GRADE 11: ☐ You must take: An English Language Arts 11, Social Studies 11, Math 11, Science 11
a course or courses that give you credit for the Arts Education or Applied Design, Skills, and Technologies graduation requirement. (Note: This may have been met in Grade 10 elective choices)
You have selected courses that lead you to the Grade 12 courses you will want next year. (Prerequisites) Ensure that you are taking the right courses to be able to apply to the University or College program of your choice.
\square You have selected no less than <u>8</u> courses.
Additional courses may be taken outside of the timetable.
3) IF YOU ARE ENTERING GRADE 12:□ You have selected or already passed:English 12 plus at least 3 other grade 12 courses.
☐ You have no less than 32 credits from SD5 to be eligible for internal scholarships.
☐ You have checked the graduation requirements to see that you meet all of them. 80 credits are necessary for graduation. Career Education must be completed for graduation. Remember that 80 credits are the minimum amount required for graduation. Post-Secondary schools are looking for more than the minimum.
☐ Your course selection meets the necessary prerequisites of the post-secondary institutions and programs you may be considering after Elkford Secondary School

FINALLY – CHECK WITH A COUNSELLOR IF YOU ARE IN DOUBT ABOUT ANY OF THE ABOVE. WISE COURSE SELECTION TO PREPARE YOU FOR YOUR FUTURE IS <u>YOUR RESPONSIBILITY</u>.

Counselling

The counsellor at Elkford Secondary School assists students with a wide variety of personal, educational and career-related concerns. Some examples of services:

PERSONAL COUNSELLING

assists students who are experiencing personal difficulties which interfere with their academic, social and/or family life

EDUCATIONAL COUNSELLING

□ provides help in choosing appropriate courses and making educational plans for graduation; however, the student is ultimately responsible for ensuring they meet all graduation requirements.

INFORMATION AND REFERRAL SERVICES

- □ current selection of university and college calendars
- □ scholarships and bursaries
- □ referrals and liaisons with social agencies, educational institutions, government agencies and the business community

It is our hope that through the resources available in the Counselling Department, students will be better informed and able to make appropriate decisions for themselves now and in the future. Counsellors can be accessed in non-emergency situations by making an appointment with the secretary at 250-865-4674 or through e-mail at Katie.keast@sd5.bc.ca.

Getting Credits Toward Graduation

Course Credits

You'll probably earn most of your credits toward graduation the usual way – by successfully completing school-based courses. But there are other ways of earning credits, and some of these might work for you.

Read through the list of options below. For more information, talk to your school counsellor or go to: www.bced.gov.bc.ca/policy/policies/

- ☐ Distributed Learning (online)
- ☐ YTIT (Youth Train In Trades)
- □ External Credentials

Phone: 250-865-4674 Katie Keast

Email: Katie.Keast@sd5.bc.ca

Student Services

The ESS Student Services Teacher provides a variety of support services for students. Our goal is to provide students with appropriate levels of support and meaningful programs to enhance learning in the school or in the community. Based on the specific academic, social, emotional, and physical needs of the individual student, some of these services include:

- □ quizzes and tests (separate setting, oral questions, scribing)
- ☐ adaptations (curriculum, test, homework, setting)
- ☐ support with the acquisition of functional life skills
- ☐ development of an Individualized Education Plan (IEP)
- □ modification of academic core courses (Math, Social Studies, Science, English) for students working towards a B.C. School Completion Certificate (Evergreen Certificate)
- □ regular School Based Team Meetings with the student and parents to review progress and plan for future goals
- □ arrangement of work experience where appropriate and possible

Phone: 250-865-4674 Jeremy Wheeler

Email: Jeremy.Wheeler@sd5.bc.ca



Aboriginal Education

Aboriginal Education has a large number of services and opportunities for all students. There are programs that are specifically for Aboriginal students: First Nations (on and off reserve, status and non-status), Metis, Inuit or students who are of Aboriginal ancestry or heritage. Aboriginal Education supports include Elders and Aboriginal Education Support Workers (AESW).

ABORIGINAL EDUCATION SUPPORT WORKERS (AESW'S)

Aboriginal Education Support Workers provide support to students, families and communities that are based in culture. The support services are holistic and are designed to meet Aboriginal students' needs. These include: culture, academic, physical and spiritual. There are a number of resources available through the AESW's. AESW's work with the Metis Nation BC regarding citizenship and Metis specific programs. AESW's support post-secondary planning, scholarships and bursary application, homework help, exams, assignments, class projects, help with Grad Transitions, work experience, distributed learning and personal support. AESW's provide many services and make referrals to other services that a student and their family may require.

Phone: 250-865-4674

Brenda Newlove ext. 231

Email: brenda.newlove@sd5.bc.ca



English Language Arts

Composition 10 (MCMPS 10)

This course is worth 2 credits and will be paired with one of the other English 10 courses to reach the 4 credits required for Language Arts 10. This course allows students to develop their written communication through questioning, exploring, and sampling different styles of writing.

The following courses may be offered to grade 10 students based on student interest.

Literary Studies 10 (MLTST 10)

This course allows students to delve deeply into literature as they explore themes, periods, authors, and areas of the world through literary works.

Spoken Language 10 (MSPLG 10)

This course allows students to develop their spoken communication through performance, storytelling, and public speaking.

New Media 10 (MNMD 10)

This course allows students to develop their understanding and communicating of ideas through a variety of digital and print media.

Creative Writing 10 (MCTWR 10)

This course is designed for students who have an interest in creative expression through language. The course provides students opportunities to build their writing skills through the exploration of identity, memory, and story in a range of genres.

Composition 11 (MCMPS 11)

Composition 11 is designed to support students as they refine, clarify, and adjust their written communication through practice and revision. Students will read and study compositions by other writers and be exposed to a variety of styles as models for the development of their writing. The course provides opportunities for students to, with increasing independence, study, create, and write original and authentic pieces for a range of purposes and real-world audiences. They will expand their competencies through processes of drafting, reflecting, and revising to build a body of work that demonstrates expanding breadth, depth, and evidence of writing for a range of situations. They will develop confidence in their abilities as they consolidate their writing craft.

Creative Writing 11 (MCTWR 11)

Creative Writing 11 is designed for students who are interested in developing confidence and refining their writing skills through self- expression for various creative purposes. The course provides students with in-depth opportunities to explore personal and cultural identities, memories, and stories in a wide range of genres.

Literary Studies 11 (MLTST 11)

Literary Studies 11 allows students to delve deeply into literature. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time: - increase their literacy skills through close reading of appropriately challenging texts, - enhance their development of the English Language Arts curricular competencies, both expressive and receptive, - expand their development as educated global citizens, - develop balance and broaden their understanding of themselves and the world, - develop higher-level thinking and learning skills.

English Studies 12 (MENST 12)

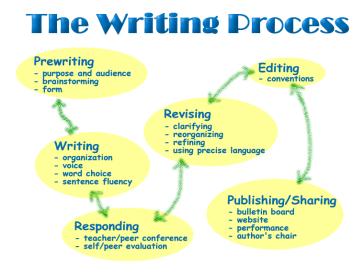
English Studies 12 is a comprehensive Language Arts course designed for all students that includes essential disciplinary learning at the Graduation level. It represents the culmination of all that has been learned throughout English Language Arts K-11.

Creative Writing 12 (MCTWR 12)

Creative Writing 12 is designed for students who are interested in creating a body of work reflective of a sophisticated breadth and depth of skill. The course provides students with opportunities to specialize and publish in real-world contexts. Students engage in the exploration of personal and cultural identities, memories, and stories, in a wide range of genres.

Literary Studies 12 (MLTST 12)

Literary Studies 12 allows students to delve more deeply into literature through increasingly complex texts. Students can explore specific themes, periods, authors, or areas of the world through literary works (fiction and non-fiction) in a variety of media. Giving students the choice of a range of literary topics allows them to follow their passion and at the same time: - increase their literacy skills through close reading of appropriately challenging texts, - enhance their development of the English Language Arts curricular competencies, both expressive and receptive, - expand their development as educated global citizens, - develop balance and broaden their understanding of themselves and the world, - further refine higher-level thinking and learning skills.



Mathematics

viatnematics provides students with the opportunity to develop skills in:	
Numeracy	
□ Logical Thinking	
□ Problem Solving	
☐ Practical Applications of Math	

The Mathematics Department at Elkford Secondary School encourages students to consider their future plans when choosing a math course and to consider taking multiple math courses to increase their options for study after high school.

Foundations of Math and Pre-Calculus 10 (MFMP 10)

This course is for students wanting to pursue University math and sciences including Engineering, Medicine, Nursing, most Medical Technician programs and Teaching. Non-math/science University programs including Psychology, Sociology, Humanities, and the Electrical Trades program.

Workplace Mathematics 10 (MWPM 10)

This course is for students wanting to pursue most Trades programs.

Pre-Calculus 11 (MPREC 11)

Recommended prior learning: MFMP 10

This course is for students wanting to pursue University Sciences, Mathematics, Engineering, Medicine, most Medical Technician programs, Teaching and the Electrical Trades.

Foundations of Mathematics 11 (MFOM 11)

Recommended prior learning: MFMP 10

This course is for students wanting to pursue non-math/science University programs, Psychology, Sociology, Humanities, Nursing and Teaching.

Workplace Mathematics 11 (MWPM 11)

Recommended prior learning: MWPM 10

This course is for students wanting to pursue most Trades programs.

Pre-Calculus 12 (MPREC 12)

Recommended prior learning: MPREC 11

This course is for students wanting to pursue University Mathematics, Sciences, Engineering, Medicine, most Medical Technician programs and the Electrical Trades program.

Foundations of Mathematics 12 (MFOM 12)

Recommended prior learning: MFOM 11

This course is for students wanting to pursue non-science University programs, Psychology, Sociology, Humanities, Nursing and Teaching.

Apprenticeship Mathematics 12 (MAPPR 12)

Recommended prior learning: MWPM 11

Science

Science 10 (MSC 10)

This course prepares students for entry into the grade 11 sciences. An experimental

approach will be used to investigate topics such as DNA and Genetics, Chemical Reactions and Radioactivity, Motion, Energy Transfer in Natural Systems and Plate Tectonics. In addition, lab safety, the scientific method, scientific literacy, ethical behavior, co-operative skills, application of scientific principles and science related technology will be practiced.

Life Sciences 11 (MLFSC 11)

Recommended prior learning: MSC 10

Life Sciences 11 is an introduction to the study of living things. Students will explore process of evolution, taxonomy and how organisms function in their environment.

Anatomy and Physiology 12 (MATPH 12)

Anatomy and Physiology 12 focuses on the relationships between form and function of body systems. Students will explore the macro and micro aspects of these interactions, and how body processes integrate to maintain homeostasis.



Chemistry 11 (MCH 11)

Recommended prior learning: MSC 10 & MFMP 10

Chemistry 11 is an academic course that is a prerequisite for Chemistry 12 and also for many areas of study at post-secondary institutions. Chemistry 11 introduces the student to the many fields of chemistry, including safety, measurement, the mole, stoichiometry, the language of chemistry, the periodic table, and organic chemistry. The student will do many laboratory experiments to develop and reinforce the concepts being presented.

Chemistry 12 (MCH 12)

Recommended prior learning: MCH 11

Chemistry 12 is an academic course for those students who did well in Chemistry 11 and intend to pursue further studies in chemistry or a related field. The course involves a detailed study of reaction rates and energetics, chemical equilibrium, solubility equilibrium, acids and bases, and concepts related to oxidation and reduction. The student will do many lab experiments to develop and reinforce the concepts being presented.

Physics 11 (MPH 11)

Recommended prior learning: MFMP 10 & MSC 10

Physics 11 is an academic course that focuses on the principles and theories of physics. Physics is an essential course leading to academic studies and career training in the fields of science, technology, and medicine. This course introduces the student to a variety of key areas in physics such as kinematics, dynamics, energy, Einstein's Special Theory of Relativity, light and electricity. The student will do many lab experiments to develop and reinforce the concepts being presented.

Minimum C+ in Math 10 recommended.

Physics 12 (MPH 12)

Recommended prior learning: MPH 11

Physics 12 is a rigorous course suitable for students who have a particular interest in physics or who plan to continue in science or engineering. Physics 12 is the study of classical mechanics and electromagnetism, and is designed to help students develop analytical and problem-solving skills. Topics studied include two dimensional vector concepts such as kinematics, dynamics, momentum, equilibrium, and circular motion. Students will also be introduced to the concepts of electricity and magnetism. Strong math skills are essential.

Environmental Science 11 (MEVSC 11)

Recommended prior learning: MSC 10

Environmental Science 11 is an exploration of the interrelationships that exist in various local ecosystems. Students will learn about the diversity, processes and change, and sustainability within local ecosystems as well as conservation and restoration of ecosystems.



Social Studies

Social Studies 10 (MSS 10)

This course covers three main topics: history, government and human geography. The history part looks at the social, political and economic changes going on in Canada at the end of WWI to present day. The government part looks at our government in Canada, as well as human rights. The human geography part looks at the shared challenges we face as humans for the future.

Explorations in Social Studies 11 (MEPSS 11)

Recommended prior learning: MSS 10

This course will allow you to meet the graduation needs for Social Studies. It presents an overview of themes that arise in more detail in the grade 12 offerings at MBSS. It is meant to be a survey course that will cover themes such as History, Geography, Social Justice and Social Studies topics in the modern world.

Comparative Cultures 12 (MCMCL 12)

Recommended prior learning: MSS 10

This course covers topics such as languages, art, different systems of governance, and belief systems. Comparative Cultures does not require the study of specific cultures and is open for teachers and students to choose topics of particular interest.

Genocide Studies 12 (MGENO 12)

Recommended prior learning: MSS 10

Genocide Studies 12 examines past and present examples of genocide around the world. Key topics include the strategies that are used to commit genocide, how these types of tragedies can be prevented, and why groups deny genocides.

Physical Geography 12 (MPGEO 12)

Recommended prior learning: MSS 10

Key topics include different climate systems and biomes, natural disasters and plate tectonics, and the equilibrium between various natural systems.

Law 12 (MLST 12)

Major topics include the Canadian constitution and system of government, aspects of criminal and civil law, and the correctional system in Canada.

Psychology 11 (YPSYC1A)

Psychology 11 is designed to provide students with an understanding of human behaviour and basic concepts in modern society. Psychology 11 provides a foundation for students wanting to satisfy a growing curiosity about themselves, their families, their friends and the world around them. By exploring the biopsychological domain, the cognitive domain, and the sociocultural domain, students will be required to think critically and analytically about behaviour and understand commonly held myths. They will bring the basic and applied concepts of psychology to life by applying scientific principles to real world problems.

Psychology 12 (YPSYC2A)

Psychology 12 is designed for those students who have completed psychology 11 and wish to continue exploring human behaviour. Psychology 12 has been developed to support students in facing the challenges of understanding themselves, interacting with groups, knowing where they come from, and gaining awareness of their society. Psychology 12 will continue to explore the biopsychological domain, the cognitive domain, and the sociocultural domain in the topics explored. Critically thinking and research skills will be demonstrated and assessed through inquiry-based practices, reflective writing and research essays.



Languages

Core French 10 (MFR 10)

Recommended prior learning: FR 9

Students entering French 10 should know how to ask and answer simple questions in full sentences. As well, they should have a command of common verbs (regular and irregular) in the present and future tenses. French 10 places an emphasis on practical communication skills, both oral and written. They will learn to use a range of common vocabulary and expressions, and will be expected to relay information in past, present and future time, both orally and in written form.

Core French 11 (MFR 11)

Recommended prior learning: MFR 10

Structures and tasks in this course are much more sophisticated than those covered in French 10. French is the language of communication in the classroom and it is expected that students demonstrate their ability to understand spoken French and communicate in French at a level consistent with the structures being presented. This course will include a variety of supplementary materials to help improve all skill areas.

Core French 12 (MFR 12)

Recommended prior learning: MFR 11

French 12 completes the sequence of French courses offered at ESS. Emphasis is placed on expanding oral and written comprehension as well as refining oral and written communication skills. French is the language of communication in the classroom.

Core French Introductory 11 (MFRI 11)

Core French Introductory 11 focuses on developing communication competencies in the French language, exploring Francophone communities and cultures within Canada and around the world, exploring identity, and engaging in the range of opportunities and experiences that developing proficiency in French provides.

Arts Education

*Students require 4 credits of Fine Arts or 4 credits of Applied Skills at the grade 10, 11, or 12 level

Ministry Authorized 4 credit Arts Education Courses

MUSIC

THEATRE

Concert Band 10, 11, 12 Guitar 10, 11, 12 Drama 10, 11, 12

ART AND GRAPHICS

Art Studio 10, 11, 12

Photography & Yearbook 10, 11, 12

NOTE: Not all of the courses will be offered at ESS. It will depend on the student course selections.

Music

Instrumental Music: Concert Band 10 (MMUCB-10)

Course Length: All Year

Prerequisite: Band 9 or permission of ESS music director

This course offers the student an opportunity to continue instrumental music education with a focus on public performance. Elements include:

- 1. Technique and tone production
- 2. Teamwork & individual skill building
- 3. Performance of all styles and genres of wind ensemble repertoire
- 4. Studio and live recording and production

Instrumental Music: Concert Band 11 & 12 (MIMCB 11), 12 (MIMCB 12)

Course Length: All Year

Prerequisite: MMUCB 10 or permission of ESS music director.

This course provides similar instruction as Concert Band 10, although at an advanced level. There is an added element of orchestral conducting training.

Instrumental Music: Concert Band 10 (MMUGT-10)

Course Length: All Year

Guitar 10 focuses on individual and/or ensemble instrumental music study of the guitar and includes a varied repertoire of music for study and performance.

Instrumental Music: Guitar 11 & 12 (MIMG 11), 12 (MIMG 12)

Course Length: All Year

Guitar 11 & 12 focuses on individual and/or ensemble instrumental music study of the guitar. Course

includes a varied repertoire of music for study and performance, and draws awareness to careers in music.





Theatre

Through participation in the rehearsal and performance process, students gain confidence, self-esteem and a sense of commitment. Students in the theatre program gain the knowledge, skills, and attitudes necessary to become theatre performers through a study of exploration, analysis, body and voice skills, characterization, historical and cultural contexts, and the interrelated roles that make up a company. Students learn the skills and attitudes necessary to work within a performance group, including teamwork, adaptability, support and leadership. Students develop artistic and technical skills as well as critical thinking skills, while engaging in the creative process. They explore a range of theatre expressions, use theatre performance to create meaning and express ideas and emotions, examine the various roles and purposes of theatre in society and explore career opportunities.

Drama 10 (MDRM 10)

Drama 10 focuses on forms and conventions for drama and theatre, as well as dramatic arts from various cultures. Students engage individually and collaboratively with forms and conventions of both drama and theatre. Students explore dramatic arts from various cultures, and analyze how the knowledge and skills developed in drama are related to understanding their personal and cultural connections.

Drama 11 (MDRM 11)

Students develop dramatic skills individually and collaboratively using forms and conventions of both drama and theatre to gain a deeper understanding of themselves, and the world.

Drama 12 (MDRM 12)

Recommended prior learning: MDRM 11

Drama 12 builds upon skills covered in Drama 11. Students perform scenes from plays as well as go further in depth with role playing, characterization and a fun look at theatre history from ancient Greek ceremonies to contemporary theatre.

Arts and Graphics

Art Studio 10 (MVAST 10)

Art Studio 10 is an entry level course in which students will be challenged to transform materials into art and learn about world traditions and perspectives through aesthetic experiences. Students will learn to develop skills in multiple mediums.

Art Studio 11 (MVAST 11)

Art studio 11 is an intermediate level course in which students will be challenged to transform materials into art. Students will learn of self-reflection and ways to demonstrate themes of community, history and society through artistic expression. Students will learn skills of perseverance, resiliency and refinement through participation of Art Studio 11.

Art Studio 12 (MVAST 12)

Recommended prior learning: MVAST 11

Art Studio 12 is an advanced level course in which students will be challenged to transform materials into art and learn to understand how artistic expression can help develop culture and personal identity. Students will learn to define skills and learn new perspectives through art.

Photography and Yearbook 10-12

Photography and Yearbook is a blended course to enhance student learning and opportunity at ESS. Photography will be used as a means of artistic expression and will offer unique ways for expression of self identify and belonging. Skills of photography will be utilized to create a school yearbook through use of online media and technology. Media skills will be developed for practical application as students engage in creating a tangible finished product.

Applied Design, Skills, and Technologies

*Students require 4 credits of Fine Arts or 4 credits of Applied Skills at the grade 10, 11, or 12 level

Ministry Authorized 4 credit Applied Design, Skills, and Technologies Courses

COMPUTER STUDIES

HOME ECONOMICS

Computer Studies 10

Food Studies 10, 11, 12

Computer Information Systems 11, 12

TECHNOLOGY EDUCATION BUSINESS EDUCATION

Carpentry and Joinery 11, 12

Accounting 11 & 12

Youth Train in Trades12 (ACE IT)

Metal Fabrication and Machining 10, 11, 12

NOTE: Not all of the courses will be offered at ESS. It will depend on the student course selections.

Computer Studies

Computer Studies 10 is an ADST course and an introduction to key aspects of computer hardware and software, troubleshooting, programming, and digital literacy.

ICT: Computer Information Systems 11 & 12 (MICTS 11 & 12)

Information and Communications Technology 11 and 12 The aim of the Information and Communications Technology (ICT) curriculum is to help students develop the attitudes, skills, and knowledge that are needed to live, learn, and work effectively in an information-rich technological society. The curriculum involves the development of information and information technology literacy, and knowledge relevant to careers in ICT. The learning outcomes for grade 11 and 12 are grouped into four pathways, each pathway consisting of eight modules. The pathways are Applied Digital Communications (ICTC), Digital Media Development (ICTM), Computer Information Systems (ICTS), and Computer Programming (ICTP).



Home Economics

Why should you take a Foods or Family Studies course?

∃It will help you prepare for secondary work experience and apprenticeship programs.
It will help you prepare for food, social science & health related careers.
It will give you practical skills to help you live a healthy and enjoyable life.
It will help you with college and university courses, such as Cook's Training, Human Ecology, Dietetics,
Nutrition, Nursing, Medicine, Early Childhood Education, Social Work and Design.
You may earn certificates that can be used for a part-time job while attending school.

Food Studies 10 (MFOOD 10)

Food Studies 10 is an entry level course in which students will be challenged with preparation techniques and theory. This course will be both fun and hard work. If you enjoy eating, being creative, working with your hands and want a relevant, practical and career oriented course, this is the one for you!

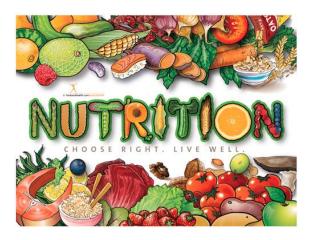
Foods Studies 11 (MFOOD 11)

Foods and Nutrition 11 is an entry level course in which students will be challenged with preparation techniques and theory. This course will be both fun and hard work. If you enjoy eating, being creative, working with your hands and want a relevant, practical and career oriented course, this is the one for you!

Foods Studies 12 (MFOOD 12)

Recommended prior learning: MFDN 11

This is an advanced Food Studies course designed for hard working students with a love of food preparation. The course includes: advanced techniques, new technologies, development of criteria for product and self-assessment, development of original recipes, employing aesthetics, versatility, creativity and quality in food preparation, working with nutrition challenges and the practical application of preparing food for large and small groups.



Technology Education

CREATE, INNOVATE AND DESIGN WITH WOOD!

Explore skills, machines and job opportunities available in the wood industry - designed for both young men and women. This program is fun and allows you to use some of the largest and most specialized equipment in School District No. 5

Woodwork 10 & 11 (MWWK 10 & 11)

Designed for all students, this course offers skills for those who may or may not have woodworking experience. Students will learn the safe use of all machines, to read and develop plans, as well as build modern and traditional furniture. Building your skills and confidence during this course will help you with more advanced woodworking classes.

Woodwork 12 (MWWK 12)

Recommended prior learning: MWWK 11

In this class students will learn advanced joinery and modern cabinet methods. A great class for those who want to build their own projects. Students have the opportunity to use all of the specialty tools one last time before graduation to make something great!



The Metalworking Program

Metalworking focuses on the safe use of tools, equipment, and processes used in the metal shop. This is

a great program for students thinking of continuing in metal furniture design, decorative iron work, welding or machining. If you are really interested in this program, you may want to consider a career in metal fabrication.

Metal Fabrication and Machining 10 & 11 (MTEM10/MTMET 11)

This class uses hand and power tools that are required for working with metal. Safety and productivity are stressed throughout the program. The students will learn layout, cutting, drilling, grinding, welding, sheet metal, lathe work, and forging. Students will complete several projects as a class and then have time to complete projects of their own choice.

Metal Fabrication and Machining 12 (MTMET 12)

Recommended prior learning: MTMET 11

This course builds on the skills learned in MMFM 11. This course teaches advanced hand and power tool use required for working with metal. Safety and productivity are stressed throughout the program. Students will learn about a variety of areas in metalworking. These include layout, designing, estimating, cutting, drilling, grinding, welding, sheet metal, lathe work, milling, forging, casting and shop maintenance. Students must complete several class projects of their design and construction.



Business Education

Accounting 11 (MAC 11)

This course provides foundational learning related to current accounting principles and practice. The focus is on building accounting acumen and exploring career opportunities.

Accounting 12 (MACC 12)

This course focuses on advanced accounting principles and practices. Learning includes financial reporting for sole proprietorships, partnerships, cooperatives and corporations, payroll practices and inventory systems. Career opportunities in various accounting sectors are explored.

Physical and Health Education

Why it makes sense to take a P.E. course:

- · Take a stress free break from your heavy academic schedule.
- · Develop skills and habits that will help support a health lifestyle for years to come.
- Develop a high level of fitness in preparation for physically demanding careers such as firefighting, law enforcement, Canadian Forces, forestry technology, etc.
- Explore the fast growing careers of Physical Education, Kinesiology, Sports Science, Adventure Recreation, Sports Management, Coaching, Personal Fitness Trainer.
- · Focus on career choices and develop skills required in specific areas of study and work.

Physical and Health Education 10 (MPHED 10)

PHED 10 is a diversified program of fitness activities, major sports, recreational activities and Health Education. Students are required to participate in all activities to the best of their ability and demonstrate improvement in the areas of fitness, skill development, personal development and knowledge.

MPHED 10 is required for graduation.

Active Living 11 (MACLV 11)

This popular course provides students with a new experience in Physical Education. Students and teacher work together to design a program that includes a wide range of activities and a high level of participation. Students can expect to achieve personal goals in fitness development, improve leadership skills, expand their knowledge of individual and team sports, be challenged and have fun. Students must have suitable clothing for all activities. Students may be required to contribute to travel and community activity expenses.

Fitness and Conditioning 11 (MFTCD 11)

This course is designed for students who are more serious about improving their physical fitness through things like strength training or more intensive cardio. Fitness and Conditioning teaches students about the basics of anatomy, proper nutrition for training, and how to work out different parts of the body to train for different activities.

Outdoor Education 11 (MODED 11)

This course focuses on preparing for, and participating in, outdoor activities. Students learning a variety of skills for outdoor activities such as emergency preparation, nutrition and hydration, and activity planning.

Active Living 12 (MACLV 12)

Students in this course will be exposed to many leisure activities with lifelong values. Activities include design and execution of fitness programs, outdoor sports (soccer, football, softball, rugby, golf, skiing, cycling, jogging, tennis, field lacrosse) and indoor sports (curling, bowling, broomball, volleyball, swimming, basketball).

Fitness and Conditioning 12 (MFTCD 12)

This course is designed for students who are more serious about improving their physical fitness through things like strength training or more intensive cardio. Fitness and Conditioning teaches students about the basics of anatomy, proper nutrition for training, and how to work out different parts of the body to train for

different activities.

Outdoor Education 12 (MODED 12)

This course focuses on preparing for, and participating in, outdoor activities. Students learning a variety of skills for outdoor activities such as emergency preparation, nutrition and hydration, and activity planning.



Additional Offerings

Library

The Elkford Secondary School Library offers reference services, research instruction and a wide variety of reading materials for information and leisure. Computers are available for research, word processing and project design.







Career Education

Career Life Education (MCLE 10)

Career-Life Education supports students in becoming successful, educated citizens by helping them learn how to effectively manage their life journey toward preferred future possibilities. It focuses on gaining a clear understanding of career-life development knowledge, skills, and strategies for life's journey into adulthood, and includes the exploration of career-life possibilities for adult life, such as roles, opportunities, and community resources, examination of ways to publicly represent ourselves both face-to-face and in digital environments, the practising of inclusive and respectful interactions for various community and work-related contexts, connecting and engaging with supportive community members, and researching postgraduation options and planning resources, such as labour market trends, budgeting tools, and workplace safety guidelines.





Career Life Connections and Capstone (MCLC 12)

Career Life Connections requires students to identify and develop personal interests, passions and qoals. Students reflect on learning experiences and competency development in school and community, build confidence in their contributions, and explore roles and possibilities in personal, education, and work life contexts. They develop and apply the personal management skills needed to pursue who and how they want to be in the world. This offering also facilitates community networking and experiential learning both inside and outside of school.

A capstone project is a project that will allow you to demonstrate your learning using an area(s) of interest as the basis for the project. Ideally, this would be in an area you are passionate about and anticipate you will be pursuing after graduation. In your grade 12 year you will design, assemble, and present a capstone project to an audience to demonstrate personal learning and achievement (in and out-of-school), growth in the core competencies, and a reflection on your post-graduation plan. The capstone project is a required component for graduation.

Work Experience 10-12

Work Experience offers an opportunity for students to practice school-based learning in a working environment. It opens doors to employment and to post-secondary education.

Work Experience provides students with on the job work experience. These are four-credit courses. Students should connect Work Experience with a career goal and their Graduation Transitions/Career Life Connections plan. Some post-secondary programs now require work experience for admission.

Work Experience bridges the gap between school and the workplace by integrating courses in a meaningful way to help students broaden their education and define their career objectives.

Pick up an Application for Work Experience in the office!

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- ☐ Easing the transition from school to workplace
- ☐ Developing competencies in problem solving skills related to a specialized area of study
- ☐ Strengthening feelings of pride and self-confidence in work well done
- ☐ Increasing personal and social skills in co-operative work situations
- □ Providing contact with people in the community, references from such people, and possible future employment opportunities

Apprenticeship

BENEFITS OF THE YOUTH WORK IN TRADES PROGRAM

Access to the apprenticeship system while still in school
□ Opportunity for early start on a career
☐ Links to the world of work
☐ Practical application of school curriculum
☐ Incentive for high academic achievement
$\hfill \square$ Development of appropriate attitudes and responsibility
☐ Dual credit for work experience
☐ Uninterrupted transition from school to work
☐ Eligibility for a \$1000 scholarship

YTIT Youth Train in Trades (formerly known as ACE-IT) (Seats in Programs are limited. Applications are required.)

YTIT is a dual-credit program that combines Foundation or Level I technical training in an apprenticeable trade with completion of grade 12 graduation. A student completes all required courses for graduation during his/her grade 11 year and then accrues additional credits in grade 12 while enrolled in an industry training program. This allows the student to pursue a career and to begin trade training while still in high school.

The following nine trade options currently available to students in the partnership agreements between School District #5, the College of the Rockies, and ITA (Industry Training Authority of BC):

□ Auto Service Technician □ Carpentry □ Cook Training □ Electrical □ Hairstylist □ Heavy Duty/Commercial Transport Mechanics □ Industrial Mechanic □ Steam/Pipe Fitter/Plumbing □ Welding Level C
The YTIT student enters a program in his/her grade 12 year and is registered as a full time student with both a secondary school and the College of the Rockies. The student attends the training program full time for 24 to 44 weeks, depending on the program. Credit is also accrued with ITA towards first year apprenticeship. Tuition costs are partly covered by the school district and the ITA. More information is available at ITA's website: www.itabc.ca and
http://www.cotr.bc.ca/webs_media/trades/_docManager/docs/Tradesschedule.pdf
You can also contact Brian Conrad, Transitional YTIT Coordinator, at the College of the Rockies (250-
489-2751 local 3380) (250-417-1526 cell) for more information.