

River East Collegiate

Handbook 2025-2026



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River East Collegiate

River East Collegiate is a school that offers an extensive range of course offerings for you to choose from. Our students have opportunities to succeed in academics, the arts, languages, technology, athletics, school, and community leadership programs. Our school mission supports students' growth and development towards their academic and social goals. It is important for students to select the course of study that meets their needs, abilities and interests. This booklet offers information for students and parents to help them choose appropriate courses for their individual needs and interests. Manitoba Education sets out a series of compulsory core credits and a wide range of optional credits that make up the high school curriculum.

RIVER EAST COLLEGIATE'S CORE VALUES:

River East Collegiate is the home of the KODIAKS. Each letter represents a characteristic trait that students will develop and embody through their participation in academic, intramural, extracurricular and numerous other programs, and activities.

What makes a Kodiak?

- K**INDNESS
- O**PTIMISM
- D**ETERMINATION
- I**NTEGRITY
- A**MBITION
- K**NOWLEDGE



REGISTRATION INFORMATION

SEMESTER SYSTEM

Students generally take one-half of their course load the first semester and the second half of their course load in semester two. Students are strongly advised to keep their course load balanced to ensure the greatest opportunity for success in their studies. Final assessments may be written at the end of the first semester and at the end of the second semester.

CREDIT AND COURSE CODES

A credit is earned by successfully completing 110 hours of instruction. A half-credit represents 55 hours of instruction. Students must earn a minimum of 30 credits to graduate from high school.

Each course is assigned an alpha-numeric code formed as follows:

First Character

- 1 – courses developed for Grade 9
- 2 – courses developed for Grade 10
- 3 – courses developed for Grade 11
- 4 – courses developed for Grade 12

Second Character

- 0 – developed or approved by Manitoba Education for 1 credit
- 5 – developed or approved by Manitoba Education for ½ credit
- 1 – developed by school or division (includes SICs – School Initiated Courses and SIPs – Student Initiated Projects). These courses may be full or ½ credit course
- 2 – developed elsewhere and approved by Manitoba Education (Advanced Placement)

Third Character

AP	Advanced Placement	Academically challenging advanced placement AP courses at the grade 11 and 12 level that are recognized for credit or placement at most post-secondary institutions.
A		A following a G, F or S character indicates very rigorous courses in grade 11 that prepare students for advanced placement in grade 12 [e.g. 30SA].
S	Specialized	Courses that provide learning experiences, knowledge and skills that may lead to further post-secondary studies.
F	Foundation	Courses which are broadly based and appropriate for all students and which may lead to further studies beyond grade 12.
G	General	Courses that provide a general educational experience.
M	Modified	Courses in which the number, essence, and content of the curriculum outcomes are altered.
E	English as an Additional Language	Courses designated for newcomers who require assistance in English.

REGULAR ACADEMIC PROGRAM GRADUATION REQUIREMENTS

Students planning to attend university must take at least five 40S credits (40S/42S).

GRADE 9	GRADE 10	GRADE 11	GRADE 12
Compulsory – 5 credits	Compulsory – 5 credits	Compulsory – 4 credits	Compulsory – 5 credits
English Language Arts 10F (1 credit) and Life Work Exploration 15F (.5 credit)	English Language Arts 20F (1 credit)	English (1 credit) a) Comprehensive Focus 30F or b) Literary Focus 30F or c) Transactional Focus 30F	English (1 credit) a) Comprehensive Focus 40F or b) Literary Focus 40F or c) Transactional Focus 40F
Transitional Mathematics 10S (1 credit) and Mathematics 10F (1 credit)	Mathematics (1 credit) a) Introduction to Applied and Pre-Calculus 20S or b) Essentials 20S	Mathematics (1 credit) a) Pre-Calculus 30S or b) Applied 30S or c) Essentials 30S	Mathematics (1 credit) a) Pre-Calculus 40S or b) Applied 40S or c) Essentials 40S
Physical Education 10F (1 credit)	Physical Education 20F (1 credit)	Physical Education 30S (1 credit)	Physical Education 40S (1 credit)
Canada in the Contemporary World 10F (1 credit)	Geography 20F (1 credit)	History of Canada 30F (1 credit)	
Science 10F (1 credit)	Science 20F (1 credit)		
Options – min. 3 credits	Options – min. 3 credits	Options – min. 3 credits	Options – min. 3 credits
9.5 credits	8 credits	7 credits	minimum 6 courses

30 credits required for graduation

INTENSIVE TECHNICAL VOCATIONAL PROGRAM INFORMATION

RETSD students can apply to take Technology Education courses at Kildonan-East Collegiate and Murdoch MacKay Collegiate, beginning in their grade 11 year. The exception to this is Hairstyling, which begins in their grade 10 school year. The courses being offered at each school include:

Kildonan-East Collegiate

Automotive Technology
Baking and Pastry Arts
Carpentry
Culinary Arts
Collision Repair and Refinishing Technology
Electrical Trades Technology
Graphic Design
Hairstyling
Interactive Digital Media
Photography
Refrigeration and Air Conditioning

Murdoch MacKay Collegiate

Carpentry
Fashion Technology

Successful applicants will spend one semester in grade 11 at their home school completing academics and one semester at either Kildonan-East Collegiate or Murdoch MacKay Collegiate, taking their selected vocation. The same applies for grade 12.

Program Requirements

- Two-year commitment (Hairstyling is a three-year commitment.)
- Attendance in good standing
- On track for graduation
- Awareness and commitment to complete an all-day course every day for a full semester
- Be responsible for own transportation to and from Kildonan-East Collegiate or Murdoch MacKay Collegiate.
- Completion of Expression of Interest application
- Students are responsible for purchasing/supplying their own safety clothing (PPE) and supplies.
- Students are responsible for ensuring appropriate dress and providing PPE and supplies as indicated for each vocation.

Please refer to the RETSD Technical Vocational handbook located on the school website.

ADVANCED PLACEMENT COURSES

Advanced Placement (AP42) courses provide students with an opportunity to explore university-level coursework while studying in a familiar high school setting. Students begin with advanced courses in their grade 11 year in preparation for the Advanced Placement 42S courses. Advanced Placement 42S courses are offered through an external organization, The College Board. In order to ensure consistency and academic rigour, the College Board establishes the curriculum for each course. A final exam is held in May for each Advanced Placement 42 course and students are scored on a scale of 1-5 on the exam. Depending on the exam result and the guidelines for the university of choice, a student may be recognized for equivalent course credit at the university level. Students may choose to enrol in just one Advanced Placement course or may choose multiple courses depending on their interest. Students who complete an Advanced Placement course benefit from the skills and experiences that come with engaging in extra academic challenge through exposure to a university level course while still attending their high school.

Advanced courses (30SA/40SA) prepare students for the Advanced Placement (AP42) courses by giving them opportunities to build additional skills while they move at an accelerated pace and explore content with additional depth and breadth.

Any one course or more may be taken based on interest and aptitude	
GRADE 11	GRADE 12
English: Literary Focus 30S Advanced	English: Literary Focus 40S Advanced (Semester 1) English Literature and Composition AP 42S (Semester 2)
Pre-Calculus Mathematics 30S Advanced (Semester 1) Pre-Calculus Mathematics 40S Advanced (Semester 2)	Calculus AB AP 42S
Computer Science 40S Advanced	Computer Science A AP 42S
Biology 30S Advanced or Biology 30S	Biology AP 42S
Chemistry 30S Advanced or Chemistry 30S	Chemistry 40S Advanced (Semester 1) Chemistry AP 42S (Semester 2)
Physics 30S Advanced or Physics 30S	Physics 1 AP 42S
	Environmental Science AP 42S
Deutsch 30S Advanced	Deutsch AP 42S

HIGH SCHOOL APPRENTICESHIP PROGRAM (HSAP)



The High School Apprenticeship Program (HSAP) is on -the-job experience with an employer. HSAP provides practical, paid, work experience and credit towards your high school diploma. The purpose of HSAP is to provide an opportunity for early entry in the trades and build interest with youth. Students are then able to transfer their hours of HSAP on-the-job training after graduation to a Level One apprenticeship training program in any apprenticeship program. This program is ideal for students who:

- Are currently working in the skilled trades
- Are interested in a career in the skilled trades
- Are enthusiastic about joining the workforce
- Have a parent or relative currently working in the trades

HSAP provides practical, paid, work experience and the opportunity to:

- Get hands-on experience
- Earn up to 8 supplemental high school credits
- Obtain financial incentives that cover tuition costs for post-secondary training
- Avoid long wait times for post-secondary trade training
- Apply you on-the-job training hours to continued, full-time apprenticeship training after graduation

Students eligible for HSAP are:

- 16 years of age or older
- Currently enrolled in high school courses (academic or technical vocational stream)
- Either employed in a qualifying trade (over 40 trades) or looking for employment
- Have an employer who is willing to take them on as an apprentice

More information about Apprenticeship can be found at:

- River East Transcona School Division Website: www.retsd.mb.ca
- Apprenticeship Manitoba Website: www.gov.mb.ca/aesi/apprenticeship

By contacting the River East Transcona School Division Apprenticeship Teacher at apprenticehip@retsdb.ca

OTHER CREDIT OPTIONS

Community Service Credit (Student-Initiated Project)

The skills, knowledge, and attitudes gained through community service can increase a student's confidence and maturity, and provide more awareness of the needs of others in the community. Students participating in such an activity may earn a credit towards graduation. Students must apply through Student Services before beginning a service project.

Credit for Employment

Students gain valuable skills through on-the-job work experience, therefore the Credit for Employment (CFE) credit is available to provide students with the opportunity to earn up to 2 high school credits for paid employment. CFE can enrich students' understanding of the relevance of education and the importance of developing career readiness. Students must be 16 years of age or older and are responsible for finding their own employment. Students must hold a minimum of a 0.5 credit in a career development course (Life Exploration 10S) to be eligible.

Special Language Credit

Students can apply to gain up to four academic credits in a Heritage language. More information is available from our Student Services Department. Exams can be written in either fall or spring.

Cadets Credit

Students can earn up to two credits for successful completion of the Cadet basic and advanced training programs. The Cadet credits are recognized **only** as additional credits beyond the minimum 30 credits required for graduation. Students wishing to add these credits to their transcript should visit Student Services.

Private Music Option Credit

The Private Music credits are recognized **only** as additional credits beyond the minimum 30 credits required for graduation. Students wishing to add these credits to their transcript should visit Student Services.

Royal Winnipeg Ballet Credit

Students can be granted a credit for the Royal Winnipeg Ballet. The Royal Winnipeg Ballet credits are recognized **only** as additional credits beyond the minimum 30 credits required for graduation. Students wishing to add these credits to their transcript should visit Student Services.

ENGLISH

English Language Arts 10F

This is a one-credit course, students will experience a balance of transactional and literary texts. Students will develop literacy, critical thinking, and communication skills through reading, writing, speaking, listening, viewing, and representing. There will be a strong emphasis on the Manitoba Global Competencies. Students will have the opportunity to read and view a variety of texts, both fiction and non-fiction, and will be encouraged to think critically about ideas and perspectives. Students will develop skills in literacy and communication by working with others, solving problems, speaking in front of a group, and using technology. The development of strong reading and writing skills and stamina are key goals of this course. This course is taken in conjunction with Life/Works Exploration 15S.

English Language Arts 20F

This course contains both literary and transactional elements of ELA. Students will work with a variety of texts, both fiction and non-fiction, such as articles, films, drama, poetry, novels, and short stories. Students will have the opportunity to write creatively and to further develop their skills in analysis and critical thinking in writing for academic purposes. Students must also be willing to participate in class and group discussions and presentations.

COMPREHENSIVE FOCUS

ELA: Comprehensive Focus 30S

This course involves the study and discussion of short stories, novels, poems, plays, and novels, along with other relevant non-fiction texts. Students will consider how themes are developed in literary works and what literature reveals about the human experience. The writing of analytical and creative pieces forms a major part of this course.

ELA: Comprehensive Focus 40S

This is a university entrance course that emphasizes reading, writing, speaking, viewing and listening in literary/creative forms and transactional/journalistic forms.

Materials studied in this course will include literary works of fiction, poetry, and drama, in addition to materials of a more transactional and technical nature.

LITERARY FOCUS

ELA: Literary Focus 30S

This course emphasizes the use of artistic language in terms of theme development through metaphor, motif, and imagery. This course focuses largely on the style of respected authors as well as students as writers. Students will read a variety of fiction, drama, poetry and non-fiction and explore how to respond analytically as well as creatively to thematic ideas and structures. Students will engage in in-depth analysis and creation of transactional forms such as essays and presentations as well as creative forms such as short stories and poetry. This course is highly recommended if you plan to study English in first-year university.

ELA: Literary Focus 30S Advanced

This course exposes students to a variety of text which may include novels, plays, poems, non-fiction, and short prose in order to offer a wide range of cultural, historical and literary works to students. The analytical approach to the study of literature continues to be stressed with an added emphasis on the purpose and writing style of authors as well as the writing style of students taking the course.

Students interested in taking 42AP English Literature and Composition are encouraged to register for this course.

ELA: Literary Focus 40S

This is a university-entrance course that emphasizes reading, writing, speaking, viewing and listening in literary fiction and creative forms. Students will read and create a variety of textual forms with an emphasis on style and theme. This emphasis will take the form of literary textual analysis as well as the creation of original pieces of fiction. There will also be some discussion of literary periods and how key writers were influenced by the times they were writing in.

GRADE 12 AP English (2 credits)

ELA: Advanced Literary Focus 40S

This course provides students the opportunity to examine and compose a variety of literary texts. Students explore properties of language to convey experience, ideas, and perspectives as they deepen their appreciation of literature. Students develop the skills required to respond to texts, to manage diverse ideas and information, to communicate effectively, and to learn about the connection between purpose and writing style.

Students interested in taking 42AP English Literature and Composition are encouraged to register for this course.

ELA: Literature & Composition AP 42S

AP English Literature and Composition is an introductory university-level literary analysis course. The course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

Recommendation: ELA: Literary Focus 40S or ELA: Literary Focus 40S Advanced

TRANSACTIONAL FOCUS

ELA: Transactional Focus 30S

This course emphasizes reading and the use of transactional language which is defined as “the language we use to get things done.” Students will read a variety of fiction, drama, poetry and non-fiction and explore the impact of writers’ ideas on society. Students will engage in in-depth analysis and creation of transactional forms such as editorials, reviews, research papers, presentations and others.

ELA: Transactional Focus 40S

This course is a university-entrance course that emphasizes reading, writing, speaking, viewing, listening and representing in transactional and journalistic forms. Students will read a variety of texts, including fiction and non-fiction with an emphasis on an examination of the time period and issues raised by the texts being studied. Assignments will focus on skillful and creative presentation of factual information such as feature articles, editorials, research papers and visual and oral presentations.

MATHEMATICS

Mathematics 10F

Grade 9 Mathematics reflects a broad view of senior years mathematics. The purpose is to engage students in thinking about and learning to use mathematics. The learning outcomes are divided into four topics: Number Sense, Patterns and Relations, Shape and Space, and Statistics and Probability. **Scientific calculator is required.**

Introduction to Applied and Pre-Calculus Mathematics 20S

Students will engage in experiments and activities that include the use of technology, problem solving, mental mathematics, and theoretical mathematics to promote the development of mathematical skills. Topics: Linear Modeling, Number Sense, Measurement, Linear Functions, Algebra, Coordinate Geometry, Trigonometry, Applications of Linear Functions. The topics studied form the foundation for topics to be studied in both Grade 11 Applied Mathematics and Grade 11 Pre-Calculus Mathematics.

APPLIED MATHEMATICS

Applied Mathematics 30S

This course promotes critical thinking through problem solving and real-world situations mathematically to make predictions. Topics include: measurement, geometry, trigonometry, logical reasoning, statistics, and relations and functions. **TI-84 Graphing calculator is required.**

Recommendation: Introduction to Applied and Pre-Calculus Mathematics 20S.

Applied Mathematics 40S

This course builds on the outcomes and concepts from Applied Mathematics 30S. Through problem solving, and with the use of technology, mathematical concepts will be explored in ways that will connect to real-life models. Topics will include logical reasoning, financial mathematics, probability, relations and functions, and design and measurement. **TI-84 Graphing calculator is required.**

Recommendation: Applied Mathematics 30S or Pre-Calculus Mathematics 30S.

ESSENTIAL MATHEMATICS

Essential Mathematics 20S

The outcomes that will be learned are on consumer applications, problem solving, decision making, and spatial sense as it relates to everyday life in a technological society. This course is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Topics: Analysis of Games and Numbers, Personal Finance, Measurement, 2-D Geometry, Trigonometry, Consumer Decisions, Transformations, and Angle Construction. **Scientific calculator is required.**

Essential Mathematics 30S

Grade 11 Essential Mathematics (30S) is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Grade 11 Essential Mathematics is a one-credit course emphasizing consumer applications, problem solving, decision making, and spatial sense. Grade 11 Essential Mathematics builds on the knowledge and skills of Grade 10 Essential Mathematics and provides a foundation for the topics studied in Grade 12 Essential. Topics: Analysis of Games and Numbers, Interest and Credit, 3-D Geometry, Managing Money, Relations and Patterns, Statistics, Trigonometry, and Design Modeling. **Scientific calculator is required.**

Essential Mathematics 40S

Grade 12 Essential Mathematics (40S) is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Grade 12 Essential Mathematics (40S) is a one-credit course emphasizing consumer applications, problem solving, decision making, and spatial sense. Topics: Analysis of Games and Numbers, Home Finance, Vehicle Finance, Business Finance Statistics, Geometry and Trigonometry, Precision Measurement, Career Life and Probability. **Scientific calculator is required.**

PRE-CALCULUS MATHEMATICS

Pre-Calculus Mathematics 30S

Grade 11 Pre-Calculus Mathematics (30S) is designed for students who intend to study calculus and related mathematics as part of post-secondary education. It builds on the topics studied in Grade 10 Introduction to Applied and Pre-Calculus Mathematics and provides background knowledge and skills for Grade 12 Pre-Calculus Mathematics. The course comprises a high-level study of theoretical mathematics with an emphasis on problem solving and mental mathematics. The topics include study of algebra, quadratic functions, reciprocal functions, and trigonometry.

Scientific calculator required.

Recommendation: Introduction to Applied and Pre-Calculus Mathematics 20S.

Pre-Calculus Mathematics 30S Advanced

Students planning to take Calculus (AB) AP 42S in their final year of high school must enroll in Pre-Calculus Mathematics 30S Advanced in semester 1 of their grade 11 year and ALSO Pre-Calculus Mathematics 40S Advanced in semester 2 of their grade 11 year.

This course builds on the concepts learned in Introduction to Applied and Pre-calculus Mathematics 20S. Topics of study include algebra, quadratic functions, absolute value, reciprocal functions, and trigonometry. **Scientific calculator required**

Recommendation: Introduction to Applied & Pre-Calculus Mathematics 20S.

Pre-Calculus Mathematics 40S Advanced

Students planning to take Calculus (AB) AP 42S in their final year of high school must enroll in Pre-Calculus Mathematics 30S Advanced in semester 1 of their grade 11 year and ALSO Pre-Calculus Mathematics 40S Advanced in semester 2 of their grade 11 year.

This course is a continuation of Pre-Calculus Mathematics 30S Advanced. Topics in this course include advanced trigonometric and circular functions, operations on functions, transformations and permutations and combinations. **Scientific calculator required.**

Recommendation Pre-Calculus Mathematics 30S Advanced.

Pre-Calculus Mathematics 40S

Grade 12 Pre-Calculus Mathematics (40S) is designed for students who intend to study calculus and related mathematics as part of post-secondary education. It builds on the topics studied in Grade 11 Pre-Calculus Mathematics and provides background knowledge and skills for the study of calculus in post-secondary institutions. The course comprises a high-level study of theoretical mathematics with an emphasis on problem solving and mental mathematics. The topics include study of transformations of functions, trigonometric functions, exponential functions, logarithmic functions, polynomial functions, radical functions, rational functions, and the binomial theorem. **Scientific calculator required.**

Recommendation: Pre-Calculus Mathematics 30S.

Calculus (AB) AP 42S

AP Calculus AB is an introductory university-level calculus course. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. A graphing calculator is required.

Recommendation: Pre-Calculus Mathematics 40S Advanced or Pre-Calculus Mathematics 40S.

SCIENCE

Science 10F

Science 10F is a course where the students will explore the processes of cell division and the anatomy and functions of the human reproductive system. They will investigate the composition of an atom and the periodic table. In addition, students will develop a working understanding of electrostatics, current electricity, space Science and technology.

Science 20F

This is the common science course for most grade 10 students. It allows students to test their interests and abilities in the following topic areas:

- science inquiry
- dynamics of ecosystems
- chemistry in action
- physics in motion
- weather dynamics

This course builds analytical abilities and is suitable for entrance into all secondary science courses and related careers. As in all science courses be prepared to work at the readings, mathematical applications, and societal implications of what you will be studying.

Current Topics in the Sciences 30S

This course may be taken as an extra course in addition to the traditional science disciplines of biology, chemistry, and physics. Please note that it does **not** currently have the ability to replace chemistry, biology, or physics as **an entrance requirement to certain faculties**. It is intended to be an amalgamation of the real-world science-based interests that the students taking the course and the teacher share and choose to explore. Possible topics include: forensic science, technology, drugs and alcohol, diets, space exploration, environmental studies, disease, and energy alternatives. Students are expected to work independently, and in small groups. This is a project-based course.

Recommendation: Science 20F

BIOLOGY

Biology 30S

This course is designed for students planning to pursue post-secondary education in a science or medical field. This course will have high expectations in terms of quality in the completion of assignments, time spent on homework, preparation for tests, and laboratory and research skills. The topics in this course will include the science of life, the chemistry of life, as well as the anatomy and physiology of all of the major human body systems.

Recommendation: Science 20F

Biology 30S Advanced

This course is designed to help students develop a conceptual framework for modern biology and an appreciation of science as a process. Students will be involved in laboratory work with the goal of developing an understanding of concepts including the science of life, evolution, energy transfer, interdependence in nature and science, and the anatomy and physiology of all the major human body systems.

Students interested in taking 42AP Biology are encouraged to register for this course in their Grade 11 year.

Recommendation: Science 20F

Biology 40S

This course is designed for students planning to pursue post-secondary education in a science or medical field. There is an expectation that students will be able to understand new concepts and vocabulary with increasing independence. The major topic in this course will be the study of genetics and biotechnology, including ethical issues that may arise out of genetic intervention. The other main topic could be described as biodiversity of the Earth. This will include studies in classification and development within major groups of organisms. Viruses will be included. The relationship between organisms and their chemical and physical environment will be explored.

Human ability and responsibility in impacting the environment will be studied as the focus is toward the larger view of biology and how this may relate to the student's ideas and experiences. A major research project will be required.

Recommendation: Biology 30S

Biology AP 42S

AP Biology is an introductory university-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions.

Recommendation: Biology 30S or Biology 30S advanced

CHEMISTRY

Chemistry 30S

This course is considered to be a core science. It is needed to enter professional health and science faculties, but it is also needed for engineering. Chemistry 30S will reinforce chemistry taken in grade 9 and 10 and build on it developing the following topics.

- properties of matter
- gases and the atmosphere
- chemical reactions
- solutions
- organic chemistry

The impact of chemistry on products and processes in society will also be an undercurrent linking these topics.

Recommendation: Science 20F and Introduction to Applied and Pre-Calculus Mathematics 20S.

Chemistry 30S Advanced

This course is designed to expose students to topics in Chemistry such as the physical properties of matter, gases and the atmosphere, chemical reactions, solutions, as well as organic chemistry. This course will also incorporate some units from the Chemistry 40S curriculum.

Students interested in taking 42AP Chemistry are encouraged to register for this course in their Grade 11 year.

Recommendation: Science 20F and Introduction to Applied and Pre-Calculus Mathematics 20S.

Chemistry 40S

The grade 12 chemistry course is needed for most post-secondary science areas, **including engineering**. It is a significant step up in the use of **mathematical logic** for analyzing reactions, compared to the Chemistry 30S course. The six units that will be covered are:

- aqueous reactions
- atomic structure
- reaction kinetics
- equilibrium
- acids and bases
- electrochemistry

Recommendation: Chemistry 30S, and Pre-Calculus or Applied Mathematics 30S.

Chemistry 40S Advanced

This course is designed to continue to expose students to topics in Chemistry including organic chemistry, reaction rates, chemical equilibrium, solubility equilibrium, acids and bases and electrochemistry.

Students interested in taking 42AP Chemistry are encouraged to register for this course.

Chemistry AP 42S

AP Chemistry is an introductory university-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. Students explore content such as: atomic structure, intermolecular forces and bonding, chemical reactions, kinetics, thermodynamics, and equilibrium.

Recommendation: Chemistry 40S Advanced, and Pre-Calculus or Applied Mathematics 30S.

PHYSICS

Physics 30S

Physics combines math with an inquiring mind to analyze physical phenomena. This course is a necessary course for many science careers including engineering, and various health professions. Students will investigate.

Recommendation: Science 20F and Introduction to Applied and Pre-Calculus Mathematics 20S.

Physics 30S Advanced

Physics combines math with an inquiring mind to analyze physical phenomena. Students will procure an understanding of basic physical concepts while developing their problem-solving skills. Major areas of focus include graphical analysis, equation development, trigonometry, vectors, waves, and sound.

Students interested in taking 42AP Physics are encouraged to register for this course in their Grade 11 year.

Recommendation: Science 20F and Introduction to Applied and Pre-Calculus Mathematics 20S.

Physics 40S

Physics 40S is a continuation of the Physics 30S program. Physics 40S explores the topics introduced in Physics 30S at a higher level. Mathematics continues to be at the heart of physics, so students are expected to have proficiency in the mathematical areas of algebra and trigonometry. Students will investigate:

- mechanics
- fields
- electricity
- medical physics

Recommendation: Physics 30S and Pre-Calculus or Applied Mathematics 30S.

Physics 1 AP 42S

AP Physics 1 is an algebra-based, introductory university-level physics course. Students cultivate their understanding of physics through inquiry-based explorations as they explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, torque and rotational motion, electric charge and electric force, DC circuits, and mechanical waves and sound. Students build understanding through classroom study, in-class activity, and hands-on, inquiry-based laboratory work as they explore these concepts.

Recommendation: Physics 30S Advanced, and Pre-Calculus or Applied Mathematics 30S.

ENVIRONMENTAL SCIENCE

AP Environmental Science 42S

The AP Environmental Science course is designed to engage students with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental chemistry, chemistry, and geography. Students cultivate their understanding through investigations and field work as they explore these concepts.

SOCIAL SCIENCES

Canada in the Contemporary World 10F

This course is designed to help students gain a greater understanding of their society, their roles and responsibility within society and Canada's role on the world stage. Students will focus on the physical, historical and political factors that have shaped Canada. They will examine Canadian Identity, multiculturalism, our political, legal and economic processes, citizenship responsibilities and rights, and the implications of changing technology. Students will be required to do a variety of projects, research assignments, and presentations that promote literacy skill development and active citizenship.

GEOGRAPHY

Geographic Issues of the 21st Century 20F

Geographic Issues of the 21st Century focuses upon Canada, its place in the world and its relationship to other countries. This course examines both physical and human geography within the following units: Geographic Literacy, Natural Resources, Food from the Land, Industry and Trade and Urban Places. This compulsory grade 10 course provides students with a strong background for the 40S Geography courses.

HISTORY

History: American 20G

This course begins with colonial development of the United States and continues to the present. Numerous selected topics will be examined within this course: the American Revolution, the Civil War, U.S. involvement in the world in the 20th century (including W.W.I. and W.W.II.), and U.S. foreign policy. The course will relate past events to the present scene in the United States and in the world. This course is of considerable value in preparing students not only for grade 11 and grade 12 courses but also for further studies in history.

History of Canada 30F

Students will understand and appreciate the events in Canada's history that shape their world today. Students will explore a variety of topics from early indigenous societies to the present day. Students will engage in history through document and film analysis, group discussion, and academic research. Students of history will develop many skills, including critical thinking, citizenship, and considering multiple perspectives when tackling a problem.

History: Western Civilization 40S

This is a university entrance course that is eligible for entrance scholarship. This course involves a topical survey of the history and civilizations of Western Europe. Take a wild ride through thousands of years of history looking at topics like ancient Egypt, Greece and Rome and moving through to medieval life, renaissance values, reformation ideas, industrialization, and recent twentieth century ideas and trends will be studied.

Current Topics in FNMI Studies 40S

This is a university entrance course that is eligible for entrance scholarship. This course focuses on the cultures, traditions, and worldviews of Indigenous peoples in Canada through the exploration of history, as well as contemporary issues. Students will exercise critical thinking and inquiry skills, as well as engage in discussion to gain a better understanding of some of the past and present realities facing Canadian Indigenous peoples. There will be focus on education and building relationships as tools to reconciliation and learning how to live together. A desire to learn and to participate in group discussion is essential.

Global Issues:

Citizenship & Sustainability 40S

This is a university entrance course that is eligible for entrance scholarship. Students should be prepared to do many projects and assignments during the semester. Students conduct inquiry into the social, political, environmental, and economic impact of contemporary and emerging global issues. Through their inquiry, students focus on questions of quality of life locally, nationally and globally. This course is based on the principles of active democratic citizenship, ecological literacy, critical media literacy, and ethical decision-making, and consolidates learning across the disciplines to empower students as agents of change for a sustainable and equitable future. As a mandatory component of the course, students plan and implement a community-based action-research project. A desire to learn and to participate in group discussion is essential.

SOCIAL SCIENCES

Canadian Law 40S

The *Grade 12 Canadian Law* curriculum presents students with the major components of Canadian law, beginning with the foundations of law, followed by the Canadian Charter of Rights and Freedoms, criminal law, civil law and family law. The course also gives students the opportunity to explore a topic of their choice through inquiry of one of the following options: international law, human rights law, youth and the law, labour law, and environmental law.

Psychology 40S

Psychology is the study of the human mind, mental processes and behavior. It looks at why we think the way that we think, and why we do the things that we do. Psychologists attempt to understand individual and social behavior, while also exploring the role of the physiological and biological processes that underlie mental functioning. We will look at a variety of interesting topics such as learning and intelligence, memory and thought, language and creativity, the structure and functioning of the brain and body, motivation, emotion and personality, perception and altered states of consciousness, sleep and dreams, coping with stress, and mental health issues.

PHYSICAL EDUCATION

Physical Education/Health Education 10F

Physical education, which is a compulsory course at the Grade 9 level, offers a wide range of activities. Movement, fitness management and safety are emphasized in team/individual/dual sports, recreational sport, fitness and weight training, rhythmic activities, and individual lifetime activities. The content of this course includes skills analysis and development, knowledge of safety, rules and game strategy, mechanical principals of human movement and exercise physiology, fitness assessment, analysis and management and benefits. Health content includes Personal and Social Management, Fitness Development, Muscle Physiology, Substance Use and Abuse Prevention, Human Sexuality, and Personal Safety. Most activities will be co-educational with emphasis on fair play and healthy lifetime attitudes. Special out-of-school activities may be offered as an extension of the regular physical education program.

Physical Education/Health Education 20F

Physical education, which is a compulsory course at the Grade 10 level, offers a wide range of activities. Movement, fitness management, and safety are emphasized in team/individual/dual sports, recreational sport, fitness and weight training, rhythmic activities, and individual lifetime activities. The content of this course includes skills analysis and development, knowledge of safety, rules and game strategy, mechanical principals of human movement and exercise physiology, fitness assessment, analysis and management and benefits. Health content includes Personal and Social Management, Healthy Lifestyle Practices, Substance Use and Abuse Prevention, Human Sexuality, Nutrition and Disease Prevention. Most activities will be co-educational with emphasis on fair play and healthy lifetime attitudes. Special out-of-school activities may be offered as an extension of the regular physical education program.

Physical Education/Health Education 30F

Physical Education/Health Education 40F

These two compulsory full-credit courses are designed to help youth take greater ownership of their own physical fitness, to encourage them to seek out activities that interest them and to engage in active lifestyles into their futures. The focus of this content will be on health and personal planning. These topics will make up the core component of the course content. Students will be required to participate in part of the course on their own time in a personal physical activity plan. Students will be introduced to safety and

risk management planning to minimize the associated risks of the activities they have chosen.

The course will be delivered in two components; (offered every second day) one in-class, the other out-of-class. Students will be graded for completion of the course with a Complete or Incomplete designation.

Out-Of-Class Component: students will be required to submit a personal fitness portfolio containing elements such as a fitness plan, physical activity log, and journal entries. Parents/guardians will be required to review the student's physical activity plan and sign a **Parent Declaration and Consent Form** acknowledging their approval of the chosen activities and acceptance of responsibility for risk management, safety, and supervision. Parents/guardians will be required to verify the entries of the student's physical activity log through a sign-off procedure.

Physical Education/Health Education 30F (In-Class Component)

Students will study topics related to fitness management, mental health, substance use and abuse prevention and the social impact of sport. They will also **choose a stream** that suits the individuals' interest to complete the 30 hours of the flexible component of the class.

- **PEH30F – Regular Physical Education**

This program is **similar to Physical Education 20G** and is highly activity based. Movement, fitness management and safety are emphasized in team/individual/dual sports, recreational sport, fitness and weight training, rhythmic activities, and individual lifetime activities. The content of this course includes skills analysis and development, knowledge of safety, rules and game strategy, mechanical principals of human movement and exercise physiology, fitness assessment, analysis and management and benefits. **Sports include tennis, baseball, weight training, badminton, archery, floor hockey etc.**

- **PE30FWW – Lifetime Wellness**

This program caters to those students who have an interest in lifetime activities. Activities include: **yoga, power walking, dance/Zumba, weight training/fitness circuits, sports and elementary games.** Students will have the opportunity to explore and participate in **activities of interest** to the class. Field trips may be an option depending on class interest. (fee)

- **PE30FPF – Introduction to Fitness**

This program caters to those students who have an interest in learning how to develop an individualized fitness plan. **Cardiovascular fitness, muscular strength and endurance, flexibility and core training will be the focus.** Students will use the River East Collegiate fitness room and/or weight room and Chief Peguis Fitness Centre.

- **PE30FALT – ELITE Football or Volleyball Academy**
Recommendation: Prior participation/experience on a team at a competitive level would be an asset

This program caters to athletes in a range of sports who have the talent, potential, commitment and desire to develop their performance and involvement in a particular sport as a player and/or coach.

Students will have the opportunity to work on skills/drills, video analysis, and sport strategies. Coach contact information required.

Physical Education/Health Education 40F (In-Class Component)

The Grade 12 physical education course builds on the content of the Grade 11 course. Students will study topics related to fitness management, nutrition, healthy relationships, social/emotional health, and personal development. The focus of this content will be on health and personal planning. These topics will make up the core component of the course content. They will also choose a stream that suits the individuals' interest to complete the 30 hours of the flexible component of the class.

- **PEH40F – Regular Physical Education:** This program is **similar to Physical Education 30F** and is highly activity based. Movement, fitness management and safety are emphasized in team/individual/dual sports, recreational sport, fitness and weight training, rhythmic activities, and individual lifetime activities. The content of this course includes skills analysis and development, knowledge of safety, rules and game strategy, mechanical principals of human movement and exercise physiology, fitness assessment, analysis and management and benefits. **Sports include tennis, baseball, weight training, badminton, archery, floor hockey etc.**

- **PE40FALT – ELITE Football or Volleyball Academy**
Recommendation: Prior participation/experience on a team at a competitive level would be an asset

This program caters to athletes in a range of sports who have the talent, potential, commitment and desire to develop their performance and involvement in a particular sport as a player and/or coach.

Students will have the opportunity to work on skills/drills, video analysis, and sport strategies. Coach contact information required.

- **PE40FPF – Advanced Fitness**

This program caters to those students who have an interest in continuing their individualized fitness plan. It is highly recommended to have taken AHL30F Introduction to Fitness. **Cardiovascular fitness, muscular strength and endurance, flexibility and core training will be the focus.** Students will use the River East Collegiate Fitness Room and/or Weight room and Chief Peguis Fitness Center.

- **PE40FWW – Lifetime Wellness**

This program caters to those students who have an interest in lifetime activities. Activities include: **yoga, power walking, dance/Zumba, weight training/fitness circuits, sports and elementary games.** Students will have the opportunity to explore and participate in activities of interest to the class. Field trips may be an option depending on class interest. (fee)

PE: Environmental Science (Elements of Wilderness Education) 21G1 – SIC21G

***This course is an OPTIONAL course. It DOES NOT meet the requirement for the MANDATORY PHYSICAL EDUCATION CREDIT.**

Outdoor recreation is on the rise, but often people are ill prepared for their outdoor experiences and do not have the safe enjoyable experience they desired. This course is designed for students who have an interest in outdoor recreation. In a safe environment, students will be taught the various skills as well as how to use various types of equipment so that they can get the most out of their outdoor recreational activities. The aim of this course is to introduce the novice to the outdoors, as well as expose the more experienced individuals to other outdoor pursuits. An interest in the outdoors and a desire to participate in outdoor activities such as camping, fishing, backpacking and canoeing are the only prerequisites.

INDUSTRIAL ARTS EDUCATION

	Grade 9 Options	Grade 10 Options	Grade 11 Options	Grade 12 Options
Human Ecology	Human Ecology 10S	Family Studies 20S	Family Studies 30S	Family Studies 40S
		Food & Nutrition 25S/Textile Arts & Design 25S	Food & Nutrition 35S /Textile Arts & Design 35S	Food and Nutrition 40S
	Food and Nutrition 30S			
Electricity/ Electronics Technology	Electricity/ Electronics Technology 10G	Electricity/Electronics Technology 20G	Electricity/Electronics Technology 30S	Electricity/Electronics Technology 40S
Graphic Communication Technology	Graphic Communication Technology 10G	Graphic Communication Technology 20G		
Woodwork Technology	Woodwork Technology 10G	Woodwork Technology 20G	Woodwork Technology 30G	Woodwork Technology 40S

HUMAN ECOLOGY

Human Ecology 10S

This course is designed as an introduction for further exploration of the 3 areas of Human Ecology in grade 10, 11 and 12. This course will encompass the areas of study within family studies, food and nutrition, and textile arts and design. Family studies explores development from the perspective of the student with an emphasis on creating positive relationships to enhance personal health and wellness. Some examples of topics covered are: communication skills, stress management, and relationships. Food and nutrition focuses on smart food choices, nutrition, and practical cooking skills. The textile arts and design component of this course will explore a basic understanding of textiles, sewing skills and students will produce a sewing project. Students will also examine personal use of textiles, individual clothing choices and sustainability.

Family Studies 20S

This course focuses on the skills and knowledge parents and caregivers need, with emphasis on maternal health, pregnancy, birth, and the early years of human development. Students will learn about developmental needs, effective care, and guidance of infants, toddlers, and young children. The development of these skills and knowledge will enhance their overall well-being now as adolescents and in the future as parents and caregivers.

Food and Nutrition 25S & Textile Arts and Design 25S

Grade 10 Food and Nutrition .5 credit course focuses on the individual within the family unit and the influence that marketing and media have on family food choices. Students will gain a strong understanding of nutrients and what foods are consumed for health and well-being. The course provides opportunities for students to further develop food preparation skills in a practical setting.

The Grade 10 Textile Arts and Design .5 credit course examines the broader knowledge and skills required to design and create textile products. Students will learn about consumer practices that have an impact on individuals within their community. Students will examine the basics of costuming, cultural fashion design, and consumer practices that have an impact on individuals within their community. Students will be challenged to address issues within the textile industry and their impact on the environment, in addition to social justice and clothing security challenges.

Recommendation: Human Ecology 10S

Family Studies 30S

Family Studies at a grade 11 level focuses on children's and adolescents' relationships within their families. Students will learn about developmental needs, effective care, and positive interactions with children and adolescents. The students learn about the physical, intellectual, social, moral and emotional development from pre-school until adolescents. The skills and knowledge that students gain will provide them the opportunity to make informed decisions related to parenting, relationships, and families in order to provide a nurturing environment.

Food and Nutrition 35S & Textile Arts and Design 35S

Grade 11 Food and Nutrition .5 credit course focuses on the individual within the community and Canada, including the influence regions have on our food choices and personal practices. Students will examine food availability within Manitoba. Students will analyze the nutritional composition of food and reflect on their own nutritional choices. This course provides opportunities for students to apply food preparation skills in a practical setting. Students can choose either 0489 or ½ credit 0489 full credit but not both at this grade level.

The Grade 11 Textile Arts and Design focuses on enhanced knowledge and skill development in textile design and construction. Students will examine the areas of creative costuming, cultural fashion design, and consumer practices that have an impact on individuals and communities. This course will follow the fashion industry through design and illustration, marketing, and merchandising while acknowledging the environmental and social justice influences on local communities.

Recommendation: Food and Nutrition 25S and Textile Arts and Design 25S

Food and Nutrition 30S

This course focuses on the individual within the community and Canada, including the influence regions have on our food choices and personal practices. Students will be exposed to food and production in Manitoba and examine food availability within Manitoba. Students will analyze the nutritional composition of food and reflect on their own nutritional choices. This course provides opportunities of students to apply food preparation skills in a practical setting. Students can choose either Food & Nutrition 30S for 1 credit or Food & Nutrition 35S. **Students cannot take both courses at the same grade level.**

Food and Nutrition 40S

Grade 12 Food and Nutrition is a critical examination of the individual as a responsible citizen. This course will explore sustainability and ethical practices within food

production and access. Students will examine food security and barriers that exist to achieving food security for all people. Students will investigate solutions to local and global food accessibility. This course will provide the opportunity for students to apply food preparation skills in a practical setting. Career Pathways in food and nutrition include marketing, hospitality, production, industry, technology, science, public health, and education.

Family Studies 40S

Grade 12 Family Studies emphasizes the transition from adolescence to adulthood with the ability to examine and practice skills that help develop healthy interpersonal relationships. The skills and knowledge will provide the opportunity for students to make informed and responsible life management choices now and in the future. Some examples of topics covered are:

- preparation for life work
- relationships
- finance and self-management
- personal development
- social development

Career pathways in Family Studies include social science and humanities areas such as early childhood education, child and adolescent development, teaching/education, public policy and law, aging, financial planning, social work, counselling, psychology, public health, advocacy and non-profit work, and family life and parenting.

ELECTRICITY/ELECTRONICS TECHNOLOGY

Electricity/Electronics Technology 10G

Have you ever wondered about how circuit boards are made and what goes into making all of our electronics devices work? Do you love working with your hands? Have you ever wanted to make your own lie detector and design and build your very own RC trains and cars? Well then this is the course for you! This course is completely project base. As a result, you will be given the opportunity to build and construct electronic circuit boards, and learn how and why the electronics devices we use everyday work the way that they do.

Electricity/Electronics Technology 20G

The grade 10 program is a continuation of the grade 9 program designed to build upon previous taught skills and further fill your curiosity. In this course students will be introduced into the world advanced circuit board building robotics, and space exploration through model rockets. Students will also be introduced to the exciting technology of 3D printing.

Electricity/Electronics Technology 30S

This course is designed for students will further their curiosity in Electronics. Students will be introduced to the world of communication through building wireless portable speakers. Students will be given the opportunity to learn computer programming through the study of robotics. Using wireless technology and tactile switches, students will compete in the annual REC Electronics Battlebot competition.

Electricity/Electronics Technology 40S

Have you ever wondered how to wire a house? Are you interested in fixing broken technology like phones, radios, record players, game systems and more? Have you ever wanted to build your own RC plane and have it drop water to put out a fire? Well, this is the course for you! This course is designed to give students the knowledge and ability to repair broken technology, fabricate residential wiring circuits, and design and construct Remote Control planes. Students will compete to see who can build the fastest RC plane!

GRAPHIC COMMUNICATION TECHNOLOGY

Graphic Communication courses are suitable to students interested in pursuing a career in design, commercial art, fine art, communications, video, public relations, printing, advertising, photography (digital), and journalism. Students are exposed to many commercial printing and photographic processes. Emphasis is placed on both computer-aided design and on producing printed communications including business cards, tickets, newsletters, T-shirts, heat transfers, posters, air brushings, decals, video editing and production, and digital portraits.

Graphic Communication Technology 10G

The components Graphic Communication Technology 10G include: basic Mac operations and desktop, image generation and computer graphics, design, computer designing, introduction to desktop publishing using Illustrator software, digital photography, introduction to digital photography and fun use of digital photos using Photoshop, computer digital imaging, introduction to computer scanning, screen printing, posters, single and multi- colour printing, shirt prints, single and multi-colour and heat transfers, airbrushing techniques and shapes, animation, introduction to frame animation, career exploration, interactive multimedia, storyboarding, and project development with Hyperstudio.

Graphic Communication Technology 20G

The components of Graphic Communication Technology 20G include: review of Mac operations and desktop, advanced design principles and layout, image generation/computer graphics, air brush abstracts, use of friskets for landscapes, computer logo designing using Illustrator, desktop publishing and electronic publishing with Adobe Indesign, digital photography, screen printing, multi-colour t-shirt prints, decals, interactive multimedia authoring and production, introduction to multimedia development, computerized robotic sign/decal production using Illustrator, and advanced techniques to sign production.

WOODWORK TECHNOLOGY

These courses are offered in the manufacturing lab at Chief Peguis Middle School.

Woodwork Technology 10G

Woodwork Technology is an excellent “hands-on” course that affords students the opportunity to design and construct projects. Using safe practices, the students enhance their skills in the use of modern tools and machines. The study of material and processes help students understand both industrial and environmental concerns. Topics covered help reinforce student knowledge in other subject areas such as math and science. This approach to learning builds student success and contributes to raising their self-esteem

Woodwork Technology 20G

Grade 10 Woodwork Technology offers students a chance to further explore the world of woodworking technology with more emphasis placed on the “hands-on” experience. Many of the topics covered are similar to Grade 9, but at a more advanced level. Students start designing many projects on their own. This course should be of interest to all students.

Advanced topics include:

- planning and design
- decision making
- safety
- wood joints and fasteners
- power tool operation
- CAD\CNC (computer aided drafting and manufacturing)
- career development

Woodwork Technology 30G

This course is designed to give students an enjoyable opportunity to explore many concepts and skills in woodworking and construction. The major focus will be placed on building construction where students will construct a shed in groups following the appropriate building codes. Students will learn how to use many of the hand and power tools used on construction sites to frame and sheet various structures. Emphasis will also be placed on drafting each component and learning how to calculate rafter length. Toward the end of the semester there will be an emphasis on student-initiated projects, where students will construct a project of their own. Students will learn safety practices with regards to proper use of hand tools, power tools and machines to construct their projects. This course is excellent for any student entering RRC for either building construction or carpentry as well as for Engineering/ Architecture. **All woodworking levels are welcomed!**

Woodwork Technology 40S

This course is designed to give students advanced capabilities in concepts and skills in woodworking. This is the most advanced level of woodworking technology River East Collegiate has to offer, therefore, students are expected to complete compulsory and elective projects that exemplify the masterful use of hand and power tools. Similar topics are covered from other woodworking courses but at a more advanced level. The emphasis is on "Learning by Doing". This course is excellent for any students entering RRC for either building construction or carpentry as well as for Engineering/Architecture. In addition, it is a fun, practical, high interest course for those looking to construct woodworking projects.

Practical work in this area includes:

- cabinetry
- raised panel doors
- furniture styles
- guitar building
- CNC (computerized numerical control)
- career development
- machine set up and maintenance
- team building/collaboration.

BUSINESS & COMPUTER TECHNOLOGY EDUCATION

	Grade 9 Options	Grade 10 Options	Grade 11 Options	Grade 12 Options
Computer Technology	Applying Information and Communication Technology 15S & Life/Work Exploration 15S (required course for all grade 9s)	Digital Pictures 25S & Digital Film Making 25S	2D Animation 35S/3D Modeling 35S	Graphic Communication Technology 40S (3D Animation)
		Computer Science 20S PA	Computer Science 40S PA	Computer Science A AP42S
			Computer Science 30S	Computer Science 40S
			Interactive Media 35S/Broadcast Media 35S	Applied Technology 40S
			Desktop Publishing 30S/Data Collection and Analysis 35S (Photography & Photo Editing)	
Web Design 35S/Interactive Websites 35S				
Business	Business Innovations 10S	Personal Finance 20S	Accounting Essentials 30S	Accounting Systems 40S
		Entrepreneurship 20S	Venture Development 30S	Business Management 40S
		Creative Promotions 20S	Retailing Perspectives 30S	
		Life/Work Planning 20S	Life/Work Building 30S/ Career Development Internship 30G	Life/Work Transition 40S/Career Development Internship 40G

BUSINESS EDUCATION

Business Innovations 10S

This introductory course allows students to sample the various strands within the applied commerce education program. The course offers students the opportunity to explore commerce-related topics, such as economics, entrepreneurship, business, marketing, technology, and finance. Throughout the course, students will apply the concepts and strategies they learn to a variety of creative business projects or simulations. It is the suggested introduction to all the other courses offered in the Applied Business Certificate subject area.

Life/Work Planning 20S

This new course is a career development course designed to connect school learning with workplace and labour market realities. The course will help students acquire and apply knowledge and skills to make appropriate decisions for life, work, and the essential post-secondary education/training that is required in today's economy.

Personal Finance 20S

The Personal Finance course focuses on developing fundamental financial literacy skills, including the value of money, basic economics, budgeting, saving, financial institution services, and investing. This is especially relevant to high school students, since they are entering the workforce and are considering future purchases that require financial planning, such as buying a car, travelling, or pursuing post-secondary education. Since financial literacy is a life skill, this course is a good option for all students.

Entrepreneurship 20S

Entrepreneurship focuses on developing the foundational skills and ideas needed to plan and develop a business. This course is relevant to high school students since many are already involved in their communities and are starting to recognize various needs and opportunities in their areas. Students begin by evaluating innovation, inventions, and innovative ideas. They learn the process of planning, marketing, and implementing a venture. This course is designed for students interested in business principles related to the ownership and management of a business.

Creative Promotions 20S

Creative Promotions helps students develop an understanding of promotional communication from both a theoretical and a practical approach. The course focuses on advertising strategies, direct marketing, personal selling, sales promotions, and public relations. Students will apply these concepts and their creativity to design a variety of promotional and advertising material. Creative Promotions is designed for students who are looking to expand their business knowledge regarding communicating effectively and creatively. Replaces Promotions 30S.

Accounting Essentials 30S

Accounting Essentials helps students gain an understanding of basic accounting. With an emphasis on accounting for a service business, students will apply their knowledge and skills to complete the stages of the accounting cycle. Accounting Essentials provides the fundamentals of accounting and is a good choice for students who plan to further their finance studies in Accounting Systems 40S. Students interested in pursuing post-secondary studies in any business discipline will benefit considerably by completing this course.

Life/Work Building 30S & Career Development Internship 30G

This course is composed of the two courses listed above (2 credits).

These courses will help students acquire and apply knowledge and skills to make appropriate decisions for life, work and education. The experiential learning components will provide students with opportunities to explore potential occupations, and to demonstrate employability skills (such as job searching, resume writing, and interview preparation), and essential and specific occupational skills. Attention will be given to understanding personality and the development of strong personal and professional relationships in the work place. In the CDI 30G course, students participate in a 3-month half-day volunteer internship opportunity which provides the tools and learning experiences to assist students in their individual career development journey. Under the guidance, support, and mentorship of an on-site internship supervisor, students practice and become more proficient in essential personal and employability skills.

Retailing Perspectives 30S

Retailing Perspectives helps students gain an understanding of retailing from both a theoretical and a practical approach. This course provides insight on the various types of retail establishments and forms of ownership. It emphasizes the retailing operations of both a physical and an online environment. Retailing Perspectives focuses on the financially sustainable strategies retailers use to appeal to consumers. This course is designed for students interested in managing or owning their own retailing establishment. It is, however, relevant to all students, since, as consumers, they experience retailing as part of their daily lives.

Venture Development 30S

Venture Development builds upon the concepts and ideas studied in Entrepreneurship (0319). Students focus on planning, creating, implementing, evaluating, and growing their own business venture. Venture Development is designed for students interested in starting their own business and in furthering their knowledge of business ownership and management principles.

Accounting Systems 40S

Accounting Systems is an extension of Accounting Essentials 30S. It includes an introduction to financial analysis and corporate accounting. With an emphasis on accounting for a merchandising business, students will apply their knowledge and skills to complete the stages of the accounting cycle. The skills acquired in this course are not only useful when pursuing a career in business or accounting, but essential for everyday life.

Business Management 40S

Business Management focuses on developing skills in planning, leading, organizing, controlling, and staffing. Students will study various management styles and participate in activities related to human resources, inventory, finance, and project management. This course is designed for students interested in furthering their knowledge of management strategies used in various settings and furthering their knowledge of business ownership.

Life/Work Transition 40S & Career Development Internship 40G

This course is composed of the two courses listed above (2 credits).

These courses help to prepare students for their transition to the world of work through the practical study of such topics as personal and professional growth, career exploration, lifelong learning, securing and maintaining employment, success and promotion in the work place, communication and interpersonal skills, and ethics. Attention will also be given to final literacy issues such as making, managing, multiplying and protecting money. With the help of a teacher mentor, students will identify work or career interests and will then be placed in an entry level position with a local business partner, which may lead to further employment. This placement will develop the student's knowledge, skills, confidence, and employability through new contacts and references, and an enhanced resume. In the CDI 40S course, students participate in a 3-month half-day volunteer internship opportunity which provides the tools and learning experiences to assist students in their individual career development journey. Under the guidance, support, and mentorship of an on-site internship supervisor, students practice and become more proficient in essential personal and employability skills.

COMPUTER TECHNOLOGY EDUCATION

Applying Info and Communication Technology I 15S & Applying Info and Communication Technology II 15S

This course consists of 2 half credit courses that offer students the opportunity to enhance their basic technology literacy and develop skills in a broad range of computer applications including productivity software, animation, and web page creation. Students will receive instruction that goes in these applications, introducing them to areas such as word processing, spreadsheets, and presentation software.

Digital Pictures 25S & Digital Film Making 25S

Students will create linear and interactive stories using Flash and ActionScript. Design principles, design elements, storyboards, storytelling, cartooning and animation techniques will be explored and applied as students create their videos. Animation/video using Adobe products provide students with dynamic technology skills.

2D Animation 35S/3D Modeling 35S

Students will create 2D animations focusing on the following 3 styles:

- Stop animation (Claymation and photography)
- Cel animation (drawing and photography)
- Computer animation (Flash)

Software: Flash, Adobe Premiere Pro, Photoshop, and GarageBand.

Desktop Publishing 30S/Data Collection and Analysis 35S

The art of photography will be explored by completing photo shoots. Students will learn to enhance their photographs by applying photography composition and tips and using Photoshop. Design elements and principles will be studied and applied as students create a variety of layouts and documents.

Interactive Media 35S/Broadcast Media 35S

This is a hands-on course in filmmaking. Students will begin with an in-depth look at the art, language and technical aspects of making film through viewing, discussing and writing about film. Students will then apply the skills they have learned by planning, filming and editing their own short films. Students who are creative thinkers and good storytellers and who have an interest in film, drama and computer technology may be interested in this course. This course is open to both grade 11 and grade 12 students.

Web Design 35S/Interactive Websites 35S

This course is designed to give students hands-on experience in multi-media applications. Professional software or industry standard software such as Dreamweaver, Adobe Photoshop, Adobe Premier, Final Cut Pro and Adobe After Effects will be used to develop multimedia projects. Students will learn how to digitally edit color images for print and internet use, digitally edit short movie clips, and develop web sites. Student evaluation will be based on in class assignments, large projects, and hands-on tests.

Applied Technology 40S

This course will introduce students to the basic theory and structure of computer operating systems and networking. Students may also explore robotics.

Graphic Communication Technology 40S

This course is an invaluable starting point for competitive Multi-Media career development. Students will use advanced multimedia software to create 3D virtual models and print them in plastic using a 3-D printer. Students will also create 3D

animations with sounds, lighting, camera views and special effects. JavaScript will also be used to enhance websites.

Software: Dreamweaver, Photoshop, and Cinema 4D.

COMPUTER SCIENCE

Students may choose one of the following streams.

REGULAR

Grade 10 or 11

COMPUTER SCIENCE 20S

Intro to Programming

Grade 11 or 12

COMPUTER SCIENCE 40S

Programming with Java

ADVANCED

Grade 10

COMPUTER SCIENCE 20S

Intro to Programming

Grade 11

COMPUTER SCIENCE 40S Advanced

Programming with Java I

Grade 12

COMPUTER SCIENCE A – AP 42S

Programming with Java II

Computer Science 20S

This entry-level course is designed for students interested in computer science. Students should have strong problem-solving skills. Programming will be taught using the Python and Snap programming languages.

Recommendation: Enrolled in Intro to Applied and Pre-Calculus Mathematics 20S.

Computer Science 40S

This Computer Science course studies the Java programming language. Topics included are control structures, strings and arrays with a heavy emphasis on problem solving.

Recommendation: Computer Science 20S and Applied Mathematics 30S/40S or Pre-Calculus Mathematics 30S/40S

Computer Science Advanced 40S

This course is designed to expose students to the study of the Java programming language. Topics included in this course are control structures, strings, and arrays with a heavy emphasis on problem solving.

Students interested in taking 42AP Computer Science A should register for this course in their Grade 11 year.

Recommendation: Computer Science 20S and Applied Mathematics 30S or Pre-Calculus Mathematics 30S

Computer Science A - AP42S

AP Computer Science A is an introductory university-level computer science course. Students cultivate their understanding of coding through analyzing, writing, and testing code as they explore concepts like modularity, variables, and control structures.

Fundamental topics in this course include the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. The course emphasizes object-oriented programming and design using the Java programming language.

Recommendation: Computer Science 40S Advanced and Applied Mathematics 40S or Pre-Calculus Mathematics 40S

CREATIVE ARTS .

	Grade 9 Options	Grade 10 Options	Grade 11 Options	Grade 12 Options
Music	Concert Band 10S	Concert Band 20S	Concert Band 30S	Concert Band 40S
	Concert Choir 10S	Concert Choir 20S	Concert Choir 30S	Concert Choir 40S
	Chamber Choir 10S	Chamber Choir 20S	Chamber Choir 30S	Chamber Choir 40S
	Guitar 10S	Guitar 20S	Guitar 30S	Guitar 40S
	Jazz Band 10S	Jazz Band 20S	Jazz Band 30S	Jazz Band 40S
	Vocal Jazz 10S	Vocal Jazz 20S	Vocal Jazz 30S	Vocal Jazz 40S
	Jazz Orchestra 10S	Jazz Orchestra 20S	Jazz Orchestra 30S	Jazz Orchestra 40S
	Music Production 10S	Music Production 20S	Music Production 30S	Music Production 40S
	Creative Music Ensemble 10S	Creative Music Ensemble 20S	Creative Music Ensemble 30S	Creative Music Ensemble 40S
Drama	Drama 10S	Drama 20S	Drama 30S	Drama 40S
Visual Arts	Visual Arts 10S	Visual Arts 20S	Visual Arts 30S	Visual Arts 40S
		Visual Arts 20S Ceramics	Visual Arts 30S Indigenous Art Focus	

DRAMA

Drama 1A, Drama 10S

Designed as an introduction to the basic skills of Dramatic Arts, Grade 9 Drama provides you with an opportunity to develop your creativity and expression. You will be involved in strengthening individual skills such as character development and movement, while also focusing on the importance of ensemble work such as improvisation.

Drama 1A, Drama 20S

This course will enable students to develop self-confidence and presentation skills at the same time through the building blocks of drama. Specific focus will be placed on improvisation, script-writing, and character development. This course will allow students to work as a team and create opportunities to perform published work as well as their own original ideas.

Drama 1A, Drama 30S

This course will focus on a variety of genres of theatre and performance styles. Students will learn the skills and techniques for different types of drama including, but not limited to, Greek theatre, Commedia Dell'Arte, Theatre of the Absurd, and Sketch Comedy. Students will further develop their skills in writing, performance, and aspects of production.

Drama 1A, Drama 40S

This challenging, advanced-level course will provide the serious drama student with the opportunity for further skill development and preparation for post-secondary study/training in the theatre arts. The emphasis in this course will be on the practical application of skills through a variety of performance opportunities. Students will study the role of the actor in addition to exploring various production roles.

VISUAL ARTS

ALL VISUAL ARTS STUDENTS ARE REQUIRED TO PAY A \$30 ART FEE AND MUST HAVE A SKETCHBOOK.

Visual Arts 1A, Visual Arts 10S

Visual Arts 10S is a foundation course for grade 9 students who have an interest in art and creative expression. Students will be introduced to the elements and principles of design; with a focus on media exploration and technical skill development. Students will begin to make decisions independently; including themes and medium selection. This is a basic fundamental course, which prepares students for future art courses and personal exploration. Mediums will include but not be limited to; acrylic paints, water colour paints, a wide variety of drawing mediums, ceramics, and sculpture.

Visual Arts 1A, Visual Arts 20S

Visual Arts 20S is a foundation course that will familiarize students with the elements and principles of design; with an emphasis on artistic expression, media exploration, and technical skill development. Students will have the opportunity to explore, research and experiment with a variety of artistic styles. Students will begin to develop their personal style, learn to critique art, and start to independently select their own themes and mediums for artworks. Mediums will include but not be limited to; acrylic paints, water colour paints, a wide variety of drawing mediums, ceramics and sculpture. Although not required, Visual Arts 10S will prepare students for this course.

Visual Arts 2A, Visual Arts 20S Ceramics

This is an optional Visual Arts course with a focus on the medium of clay. Students will develop fundamental ceramic skills, explore creative expression, and use the design process to formulate ideas. Students will be introduced to coil and slab hand building techniques, methods for joining pieces together, carving skills and a wide range of glazing techniques. This course is evaluated using the Visual Art curriculum recursive learnings. The ceramics course is a full credit course offered to grade 10, 11 and 12 students and can be taken in the same year as another optional Visual Art course for an additional credit or can be taken independently without another Visual Art course. Although not required, Visual Arts 10S will prepare students for this course.

Visual Arts 1A, Visual Art 30S

Visual Arts 30S is an optional course for grade 11 students who wish to further develop their technical skills and artistic expression. Students will build on previously learned skills and techniques and are required to independently make choices regarding mediums and subject matter. This course is divided between teacher directed and student-initiated projects using a wide variety of media. Students will have the opportunity to advance their artistic skills, critique artwork, and further develop their personal style. Although not required, students who have achieved success in Visual Art 10S and 20S will be prepared for this course.

Visual Arts 2A, Visual Art 30S Indigenous Art Focus

Visual Arts 2A is an optional course for all students who wish to learn about Canadian Indigenous artists and ways of making art. This school-based studio course aims to decolonize artmaking and includes Indigenous art as a major element of learning. This course emphasizes student-initiated projects, independent creative decision making, and exploration. Mediums such as beading, painting, printmaking, and ceramics will be included. This course is evaluated using curricular recursive learning. This is an additional art course and can be taken in conjunction with any other Visual Arts course. No previous art experience is required.

Visual Arts 1A, Visual Art 40S

Visual Arts 40S is an optional course for grade 12 students who wish to further develop their technical skills and artistic expression, or who wish to pursue art after high school. This course strongly emphasizes student-initiated projects and independent creative decision making. Students will be expected to build on previously learned skills and techniques, as they independently explore mediums and make choices regarding subject matter. Students intending to enter a post-secondary art-based program will have the opportunity to work on portfolio projects. Students who have achieved success in Visual Art 20S and 30S will be properly prepared for this course.

BAND

Music 1A, Concert Band 10S

This course, which includes three or four 1-hour rehearsals per week, allows students to perform in an inviting and close concert band setting. This course allows one-on-one tutorials, as well as extra-curricular participation in concerts and at various festivals. Students are expected to improve steadily in their reading and playing skills and continue to increase their knowledge and understanding of music. As this is a performance-oriented course, participation in all performances, festivals, and music tours, is a requirement. **Students wishing to enroll in Jazz Band, Jazz Orchestra, or Creative Music Ensemble must also be enrolled in Concert Band.**

N.B. For further information please contact the music teacher at the school.

Music 4A, Jazz Band 10S

Students will rehearse traditional jazz and modern repertoire. This course concentrates on the practical instrument abilities of the students. The emphasis is on group playing and skill development within Jazz and modern music Soloing is done on a volunteer basis. This group will meet two times a week after school.

N.B. All instruments are welcome.

Recommendation: Concurrent enrollment in concert band.

Music 6A, Jazz Orchestra 10S

This course provides a real opportunity for our highly motivated instrumental musicians to play with an advanced level ensemble for the entire school year. Musicians who are in this ensemble will rehearse and perform advanced level Jazz and Modern music and will concentrate on a high level of technique and musicianship. There will be a limited number of positions available. Meeting times will be the same as Music 6A, Jazz Orchestra 20S, 30S and 40S. Students must attend all performances.

N.B. This course has been designed for our highly motivated and talented musicians. Auditions will take place in September.

Recommendation: Concurrent enrollment in Music 1A, Concert Band 10S

Music 8A, Contemporary Music Ensemble 10S

This course provides a real opportunity for our highly motivated musicians to independently create and rehearse music within their own schedule. Students can explore their own interests and collaborate with other students throughout the year. In the past, students focused on guitar, percussion, wind instrument, and digital music to perform and create recording projects. There is no limitation on instrument or style.

N.B. Meeting times will be dependent on collaborating student schedules.

Recommendation: Concurrent enrollment in Music: Band 10S or permission of the Music Department.

Music 1A, Concert Band 20S

Concert Band 20S is a foundational course that allows students to learn in an inviting and close concert band setting. Musical styles will include modern and traditional band works. This course concentrates on improving the practical instrument abilities of students, as well as allowing opportunity for creative collaboration. Students must attend all performances. Performances will include winter and spring concerts.

Students wishing to enroll in Jazz Band, Jazz Orchestra, or Creative Music Ensemble must also be enrolled in Concert Band.

N.B. For further information please contact the music teacher at the school.

Music 4A, Jazz Band 20S

Students will rehearse traditional jazz and modern repertoire. This course concentrates on the practical instrument abilities of the students. The emphasis is on group playing and skill development within Jazz and modern music Soloing is done on a volunteer basis. This group will meet two times a week after school.

N.B. All instruments are welcome.

Recommendation: Concurrent enrollment in concert band.

Music 6A, Jazz Orchestra 20S

This course provides a real opportunity for our highly motivated instrumental musicians to play with an advanced level ensemble for the entire school year. Musicians who are in this ensemble will rehearse and perform advanced level Jazz and Modern music and will concentrate on a high level of technique and musicianship. There will be a limited number of positions available. Meeting times will be the same as Music 6A, Jazz Orchestra 30S and 40S. Students must attend all performances.

N.B. This course has been designed for our highly motivated and talented musicians. Auditions will take place in September.

Recommendation: Concurrent enrollment in Music 1A, Concert Band 20S.

Music 8A, Contemporary Music Ensemble 20S

This course provides a real opportunity for our highly motivated musicians to independently create and rehearse music within their own schedule. Students can explore their own interests and collaborate with other students throughout the year. In the past, students focused on guitar, percussion, wind instrument, and digital music to perform and create recording projects. There is no limitation on instrument or style.

N.B. Meeting times will be dependent on collaborating student schedules.

Recommendation: Concurrent enrollment in Music: Band 20S or permission of the Music Department.

Music 1A, Concert Band 30S

This course is a continuation of Music 1A, Concert Band 10S and 20S, and will improve students' techniques, instrumental range and proficiency in performance. Performances will include winter and spring concerts and possibly a performance tour. Students must attend all performances. **Students wishing to enroll in Jazz Band, Jazz Orchestra, or Creative Music Ensemble must also be enrolled in Concert Band.**

Recommendation: Music 1A, Concert Band 20S or permission of the Music Department.

Music 4A, Jazz Band 30S

Students will rehearse traditional jazz and modern repertoire. This course concentrates on the practical instrument abilities of the students. The emphasis is on group playing and skill development within Jazz and modern music. Soloing is done on a volunteer basis. This group will meet two times a week after school.

N.B. All instruments are welcome.

Recommendation: Concurrent enrollment in concert band.

Music 6A, Jazz Orchestra 30S

This course is a continuation of Music 6A, Strings/Orchestra 20S. Solo work may be available. Meeting times will be the same as Music 6A Strings/Orchestra 20S and Music 6A, Strings/Orchestra 40S.

N.B. This course has been designed for our highly motivated and talented musicians. Auditions will take place in September.

Recommendation: Concurrent enrollment in Music 5A, Concert Band 30S or 40S or permission of the Music Department.

Music 8A, Contemporary Music Ensemble 30S

This course provides a real opportunity for our highly motivated musicians to independently create and rehearse music within their own schedule. Students can explore their own interests and collaborate with other students throughout the year. In the past, students focused on guitar, percussion, wind instrument, and digital music to perform and create recording projects. There is no limitation on instrument or style.

N.B. Meeting times will be dependent on collaborating student schedules.

Recommendation: Concurrent enrollment in Music: Band 30S or permission of the Music Department.

Music 1A, Concert Band 40S

This course is a continuation of Music 1A, Concert Band 10S, 20S and 30S and will improve students' techniques, instrumental range and proficiency in performance. Performances will include winter and spring concerts and possibly a performance tour. Students must attend all performances. **Students wishing to enroll in Jazz Band, Jazz Orchestra, or Creative Music Ensemble must also be enrolled in Concert Band.**

Recommendation: Music 1A, Concert Band 30S or permission of the Music Department.

Music 4A, Jazz Band 40S

This is a continuation of Music 4A, Jazz Band 30S. Students must attend all performances. There will be two rehearsals per week after school.

N.B. All instruments are welcome.

Recommendation: Concurrent enrollment in concert band.

Music 6A, Jazz Orchestra 40S

This course is a continuation of Music 6A, Strings/Orchestra 30S. Solo work will be available. Meeting times will be the same as Music 6A, Strings/Orchestra 20S and 30S.

N.B. This course has been designed for our highly motivated and talented musicians. Auditions will take place in September.

Recommendation: Concurrent enrollment in Music 1A, Concert Band 40S or permission of the Music Department.

Music 8A, Contemporary Music Ensemble 40S

This course provides a real opportunity for our highly motivated musicians to independently create and rehearse music within their own schedule. Students can explore their own interests and collaborate with other students throughout the year. In the past, students focused on guitar, percussion, wind instrument, and digital music to perform and create recording projects. There is no limitation on instrument or style.

N.B. Meeting times will be dependent on collaborating student schedules.

Recommendation: Concurrent enrollment in Music: Band 40S or permission of the Music Department.

CHOIR

Music 2A, Concert Choir 10S

Choir is a class that combines music and community. This one-credit course provides opportunity to create music, to grow vocal and choral techniques through a variety of musical genres. Students will learn vocal techniques, how to sight sing, how to perform musically and confidently while growing in ability to harmonize with others. This class meets during the school day schedule to learn and rehearse. Students are given opportunity to perform in school concerts and or other recordings or projects. Student must attend all performances.

Music 5A, Vocal Jazz 10S

Vocal Jazz 10S is for musicians looking for additional opportunities to sing, perform, and grow vocally. Students will learn jazz harmonies and solid vocals technique while singing jazz and jazz related music on a sound system. Student must attend all performances.

N.B. This course has been designed for our highly motivated and talented musicians. Placement into Vocalease is by audition.

Recommendation: Concurrent enrollment in choir.

Music 8A, Chamber Choir 10S

This course provides an opportunity for highly motivated vocal/choral singers to sing and perform with an advanced level ensemble. Students will practice and perform a high level of musicianship and technique. The choir will participate in festivals, concerts, recordings, and other performance opportunities throughout the year. **Selection is by audition.**

Recommendation: Concurrent enrollment in choir.

Music 1A, Concert Choir 20S

Choir is a class that combines music and community. This one-credit course provides opportunity to create music, to grow vocal and choral techniques through a variety of musical genres. Students will learn vocal techniques, how to sight sing, how to perform musically and confidently while growing in ability to harmonize with others. This class meets during the school day schedule to learn and rehearse. Students are given opportunity to perform in school concerts and or other recordings or projects. Student must attend all performances.

Music 5A, Vocal Jazz 20S

This course gives vocalists an opportunity to sing advanced multi - part music together in a vocal jazz style on microphones. Emphasis is on musicality, group performing techniques, and solo opportunities. Performances will include school concerts, community festivals, trips, projects and recordings. Student must attend all performances. Student must attend all performances.

N.B. This course has been designed for our highly motivated and talented musicians. Placement into Vocalease is by audition.

Recommendation: Concurrent enrollment in choir.

Music 8A, Chamber Choir 20S

This course provides an opportunity for highly motivated vocal/choral singers to sing and perform with advanced level ensemble for the full year. Students will practice and perform a high level of musicianship and technique. The choir will participate in festivals, concerts, recordings, and other performance opportunities throughout the year.

Selection is by audition. This course has been designed for our highly motivated and talented musicians.

Recommendation: Concurrent enrollment in choir.

Music 2A, Concert Choir 30S

Choir at this level continues to emphasize vocal growth and community but also offers opportunity for leadership. This course provides opportunity for advancing vocal and choral techniques through a variety of musical genres. Students will continue to create music, to grow in their vocal techniques, sight singing, how to perform musically and confidently while growing in ability to harmonize with others. This class meets during the school day schedule to learn and rehearse. Students are given opportunity to perform in school concerts and or other recordings or projects. Student must attend all performances.

Recommendation: Music 2A, Concert Choir 20S.

Music 5A, Vocal Jazz 30S

This course continues to build upon Vocal Jazz 10S and 20S. Students will continue to grow musical technique needed to perform both solos and in group setting, genres related to Vocal Jazz. Leadership in harmonic, solo and group performing is developed and practiced. This group may participate in festivals, concerts, and other performance opportunities or projects throughout the year. Student must attend all performances. **N.B. This course has been designed for our highly motivated and talented musicians.**

Placement into Vocalease is by audition.

Recommendation: Concurrent enrollment in Choir 30S.

Music 8A, Chamber Choir 30S

This course provides an opportunity for highly motivated vocal/choral singers to sing and perform with advanced level ensemble for the full year. Students will practice and perform a high level of musicianship and technique. The choir will participate in festivals, concerts, recordings, and other performance opportunities throughout the year. **Selection is by audition. N.B. This course has been designed for our highly motivated and talented musicians.**

Recommendation: Concurrent enrollment in Choir 30S.

Music 2A, Concert Choir 40S

This course is a continuation of Music 2A, Concert Choir 30S and will improve students' vocal technique, range, and musicianship for creating music, performance, and music making. Performance music will include popular and traditional styles. There are opportunities for leadership development. This class meets during the school day schedule to learn and rehearse. Performances will include school concerts and or recordings or projects. Student must attend all performances.

Recommendation: Music 2A, Concert Choir 30S

Music 5A, Vocal Jazz 40S

This course continues to build upon Vocal Jazz 10S, 20S and 30S. Students will continue to grow musical technique needed to perform both solos and in group setting, genres related to Vocal Jazz. Leadership in harmonic, solo and group performing is developed and practiced. This group may participate in festivals, concerts, and other performance opportunities or projects throughout the year. Student must attend all performances. **N.B. This course has been designed for our highly motivated and talented musicians.**

Placement into Vocalease is by audition.

Recommendation: Concurrent enrollment in Choir 40S.

Music 8A, Chamber Choir 40S

This course provides an opportunity for highly motivated vocal/choral singers to sing and perform with advanced level ensemble for the full year. Students will practice and perform a high level of musicianship and technique. The choir will participate in festivals, concerts, recordings, and other performance opportunities throughout the year. **Selection is by audition. N.B. This course has been designed for our highly motivated and talented musicians.**

Recommendation: Concurrent enrollment in Choir 40S.

GUITAR

Music 3A, Guitar 10S

No previous background in music or guitar is required to take this course. Students of all abilities are welcome. Guitar 10S is a foundation course for grade 9 students who have an interest in music and creative expression while studying an instrument capable of accessing countless musical styles. Students will be introduced to chord study, fingerstyle and pick techniques, improvisation, music writing and arranging, and music rudiments; with a focus on exploration, technical skill development and the development of musicality. This is a fundamental course, which prepares students for future guitar courses and personal exploration. Students of all musical backgrounds will find this course rewarding and challenging. For grade 9 students with previous guitar experience, there will be opportunity for advanced instruction in the class.

Additional Information: *The school provides guitars for in-class use.*

Music 3A, Guitar 20S

Students entering Grade 10, 11 or 12 with no guitar experience should take Guitar 10S

Students will further develop their knowledge and skills through the study and performance of music from a variety of genres. Content will include, but is not limited to: chord study, fingerstyle and pick techniques, improvisation, music writing and arranging, music rudiments, and guest artist performances. This course concentrates on improving the practical instrument abilities of students. Students of all musical backgrounds will find this course rewarding and challenging. ***The school provides guitars for in-class use.***

Recommendation: Guitar 10S, private lessons, or previous musical experience

Music 3A, Guitar 30S

Students entering Grade 10, 11 or 12 with no guitar experience should take Guitar 10S

This course is a continuation of Music 3A, Guitar 20S, and will improve students' techniques, fretboard knowledge and proficiency in performance. Performances will include winter or spring concerts. Students must attend all performances. Learning to play the guitar is a valuable social and communicative skill that can provide enjoyment throughout a lifetime. Students of all musical backgrounds will find this course rewarding and challenging. ***The school provides guitars for in-class use.***

Recommendation: Guitar 20S or Recommendation of Music Teacher

Music 3A, Guitar 40S

Students entering Grade 10, 11 or 12 with no guitar experience should take Guitar 10S

This course is a continuation of Music 3A, Guitar 30S, and will continue to improve students' techniques, fretboard knowledge, proficiency in performance and musicianship. Performances will include winter or spring concerts. Students must attend all performances. Learning to play the guitar is a valuable social and communicative skill that can provide enjoyment throughout a lifetime. Students of all musical backgrounds will find this course rewarding and challenging. *The school provides guitars for in-class use.*

Recommendation: Guitar 30S or Recommendation of Music Teacher

MUSIC PRODUCTION

Music 7A, Music Production 10S

No previous background in music or music production is required to take this course.

Students of all abilities are welcome. Music Production 10S is a foundation course for grade 9 students who have an interest in music, creative expression or technical production skills. Students will be introduced to basic recording, editing, and mixing techniques, song arrangement techniques, video editing, and microphones; with a focus on exploration and technical skill development. This is a basic, fundamental course, which prepares students for future music production courses and personal exploration.

Music 7A, Music Production 20S

Music Production 20S is a foundation course that will familiarize students with creative expression and the technical capabilities in music and music production; with an emphasis on the continued development of skills and the practical application of concepts. Students will begin to develop their personal tastes and start to independently select their own projects. Areas of focus will include, but not be limited to: advanced recording, editing, and mixing techniques, arranging for ensembles, advanced video editing, microphones and mixing consoles, live sound, and self-directed projects.

Although not required, Music Production 10S will prepare students for this course.

Music 7A, Music Production 30S

Music Production 30S is an options course for grade 11 students who wish to further develop their technical skills and artistic expression in music or music production. Students will build on previously learned skills and techniques and are required to independently make choices regarding areas of interest and projects. This course is divided between teacher directed and student-initiated projects using a wide variety of topics related to the area. Although not required, students who have achieved success in Music Production 10S and 20S will be prepared for this course.

Music 7A, Music Production 40S

Music Production 40S is an options course for grade 12 students who wish to further develop their technical skills and artistic expression in music or music production, or who wish to pursue music production after high school. This course strongly emphasizes student-initiated projects and independent creative decision making. Students will be expected to build on previously learned skills and techniques, as they independently explore areas and make production choices. Students also have the freedom to produce projects with other students and ensembles in the school.

Students who have achieved success in Music Production 20S and 30S will be properly prepared for this course.

MODERN LANGUAGES

GERMAN

DEUTSCH 10G

This course is a German language arts course and the introductory course for high school. This course aims at enhancing the students' understanding and appreciation of the German language, culture, and the geographical uniqueness of German speaking countries. In this course, students expand their writing, reading, listening and speaking skills and are encouraged to use German as the language of instruction and communication in the classroom.

N.B. Students of Deutsch 10G are expected to enroll in Canada in the Contemporary World 10F (German) (CCW10F).

Canada in the Contemporary World (GERMAN)

This course is designed to help students gain a greater understanding of their society, their roles and responsibility within society and Canada's role on the world stage. Students will focus on the physical, historical and political factors that have shaped Canada. They will examine Canadian identity, multiculturalism, our political, legal and economic processes, citizenship responsibilities and rights and implications of changing technology. Students will be required to do a variety of projects, research assignments, and presentations that promote literacy skill development and active citizenship. **The language of instruction is German. N.B. Students in Canada and the Contemporary World (German) are expected to enroll in Deutsch 10G.**

Deutsch 20G

This course combines the study of German language, literature, culture and the geographical uniqueness of German speaking countries. Students gain an appreciation for the writing of different authors, their styles, and the content of their writing. Topics include students' interests and focus on themes like identity, friendship, holidays, and jobs. Students expand their writing, reading, listening and speaking skills. Reading and writing will be emphasized in greater detail. Deutsch 20G is also designed to prepare students to write the Sprachdiplom I (level B1) exam.

N.B. Students of Deutsch 20G are expected to enroll in Geographie (German) (20G).

Recommendation: Deutsch 10G

Geographie (German) 20G

Geographic Issues of the 21st Century focuses upon Canada, its place in the world and its relationship to other countries. This course examines both physical and human geography within the following units: Geographic Literacy, Natural Resources, Food from the Land, Industry and Trade and Urban Places.

The language of instruction is German.

N.B. Students of Geographie (German) 20G are expected to enroll in Deutsch 20G.

Deutsch 30S Advanced

In this course students will continue their study of German language, literature, history and culture. The course focuses on language structure, geography and culture of the German-speaking countries, as well as reading, writing, and presentation skills. Students participating in the German exchange program will be involved in experiential learning activities based on projects and first-hand experiences in Germany.

N.B. Students of Deutsch 30S advanced are expected to enroll in Globale Themen 40S.

Recommendation: Deutsch 20G

Globale Themen 40S

This course provides students with an inquiry-based learning opportunity. It focuses on social, political environmental, and economic issues. Students will research the impact and effects of global migration, climate change, access to education and health while discussing the Canadian, German and global perspectives. **The language of instruction is German.**

N.B. Students of Globale Themen 40S (Global Issues in German 40S) are expected to enroll in Deutsch 30S Advanced.

Deutsch AP 42S

AP German Language and Culture is equivalent to an intermediate level university course in German. Students cultivate their understanding of German language and culture by applying interpersonal, interpretive, and presentational modes of communication in real-life situations as they explore concepts related to family and communities, personal and public identities, beauty and aesthetics, science and technology, contemporary life, and global challenges. Students in this course also write the Sprachdiplom II (level B2/C1). The diploma certifies proficiency in reading, writing, listening and speaking. It provides many benefits regarding post-secondary education and global career opportunities.

Recommendation: Deutsch 30S Advanced

FRENCH

French 10F

In this course, comprehensive review of prior learned language structures, such as vocabulary, spelling, pronunciation, and grammar will be emphasized at the outset of the course. The course is highly interactive, providing students with daily opportunities to listen and speak in French. Students will be challenged to write independently, gain confidence speaking in the French language, and be introduced to various types of short reading tasks. Enhancement of language learning and exposure to French culture will be emphasized by authentic music, films and reading materials.

French 20F: Communication and Culture 20F

This course will build upon the four basic linguistic elements acquired in French 10F. Grammatical application and vocabulary will be emphasized through verbal and written communications. Independent linguistic output will be developed through personal writing and speaking tasks, with focus on pronunciation and sentence structure. Through speaking activities, films, music and experiential learning, students will continue to develop their appreciation of the French language and culture.

Recommendation: French 10F

French 30S: Communication and Culture 30S

This course will reinforce and expand the vocabulary and grammatical language skills that students acquired in French 20F. Students will have daily opportunities to speak, listen and write in French. Independent written skills will be advanced through structured and personal writing tasks. Oral expression and comprehension will be emphasized through group discussions, question and answer activities, and individual presentations. Enhancement of language learning and exposure to French culture will be emphasized by authentic music, films and reading materials.

Recommendation: French 20F

French 40S: Communication and Culture 40S

This course is the last year of the nine-year basic French program. Classes will be conducted in French and students will be challenged to converse in French as much as possible. Expansion of vocabulary and complex grammatical structures will be the focus of this course. A variety of materials (audiovisual, print, digital) will be used to enhance and advance all areas of language acquisition (reading, writing, speaking, and listening) and to promote cultural understanding.

Recommendation: French 30S

SPANISH

Spanish 10G

This course is designed for students who have no previous knowledge of the Spanish language. It is an introductory course which uses a communicative-interactive approach. The course focuses on oral communication with emphasis on grammar and vocabulary. Course media include cultural and grammatical videos, music, and a wide variety of print materials.

Spanish 20F

This course continues to build upon the four basic linguistic elements acquired in Spanish 10G – reading, writing, speaking and listening. Grammatical application and vocabulary will be emphasized through verbal and written communications. Independent linguistic output will be developed through personal writing and speaking tasks, with focus on pronunciation and sentence structure. Language-based cultural aspects of Spanish-speaking countries will be presented through music, film and reading materials.

Recommendation: Spanish 10G or previous experience in the Spanish language as assessed by the Spanish teacher.

Spanish 30S

In this course the reading, writing, listening and speaking skills students acquired in Spanish 20G will be built upon and expanded. Oral expression and comprehension will continue to be practiced through conversation, presentations, and short reading assignments. Students will be challenged to improve their writing and grammar skills. Latin American and Spanish culture will also continue to be explored.

Recommendation: Spanish 20F or previous experience in the Spanish language as assessed by the Spanish teacher.

Spanish 40S

Classes will be conducted in Spanish and students will be challenged to converse in Spanish as much as possible. An expansion of vocabulary and more complex grammatical structures will be the focus of this course. Samples of authentic Spanish readings and audio-visual materials will be used to develop and reinforce all elements of language acquisition (reading, writing, speaking and listening) as well as to develop cultural understanding.

Recommendation: Spanish 30S or previous experience in the Spanish language as assessed by the Spanish teacher.

What makes a Kodiak?

KINDNESS

OPTIMISM

DETERMINATION

INTEGRITY

AMBITION

KNOWLEDGE

