

Campbell Collegiate Course Catalogue 2017/2018

Grades 10 through 12

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ENGLISH LANGUAGE ARTS COURSES

ENGLISH A10 & B10

Prerequisite: Complete Grade 9

The program integrates the development of the six strands of communication: speaking, listening, reading, writing, viewing and representing. The objective of the curriculum is to develop effective communication and thinking skills through a variety of language activities.

Students learn that language varies according to audience, purpose, and situation; and that language has a variety of logical and structural patterns. Students read a variety of literature to develop an appreciation of the writer's craft as well as an aesthetic and critical response to literature. The study of literature is organized according to themes that deal with the adolescent and society. Themes that may be studied in English A10 include "Challenges", "The Unknown", and "Canadian Frontiers". Themes studied in English B10 include "Human Rights", "Decisions", and "Environment".

Teachers choose texts from approved curricula based on what is currently available. These titles are planned prior to the semester but are subject to changes occasionally.

ENGLISH 20

Prerequisite: English A10 & B10

This compulsory English Language Arts course integrates the development of the six strands of communication: speaking, listening, reading, writing, viewing and representing. Effective communication and thinking skills are developed through a variety of language activities. Students study literature focused on self and society through two themes: Recollections and Anticipation.

ENGLISH LANGUAGE ARTS 30 – A & B

Prerequisites: English 20

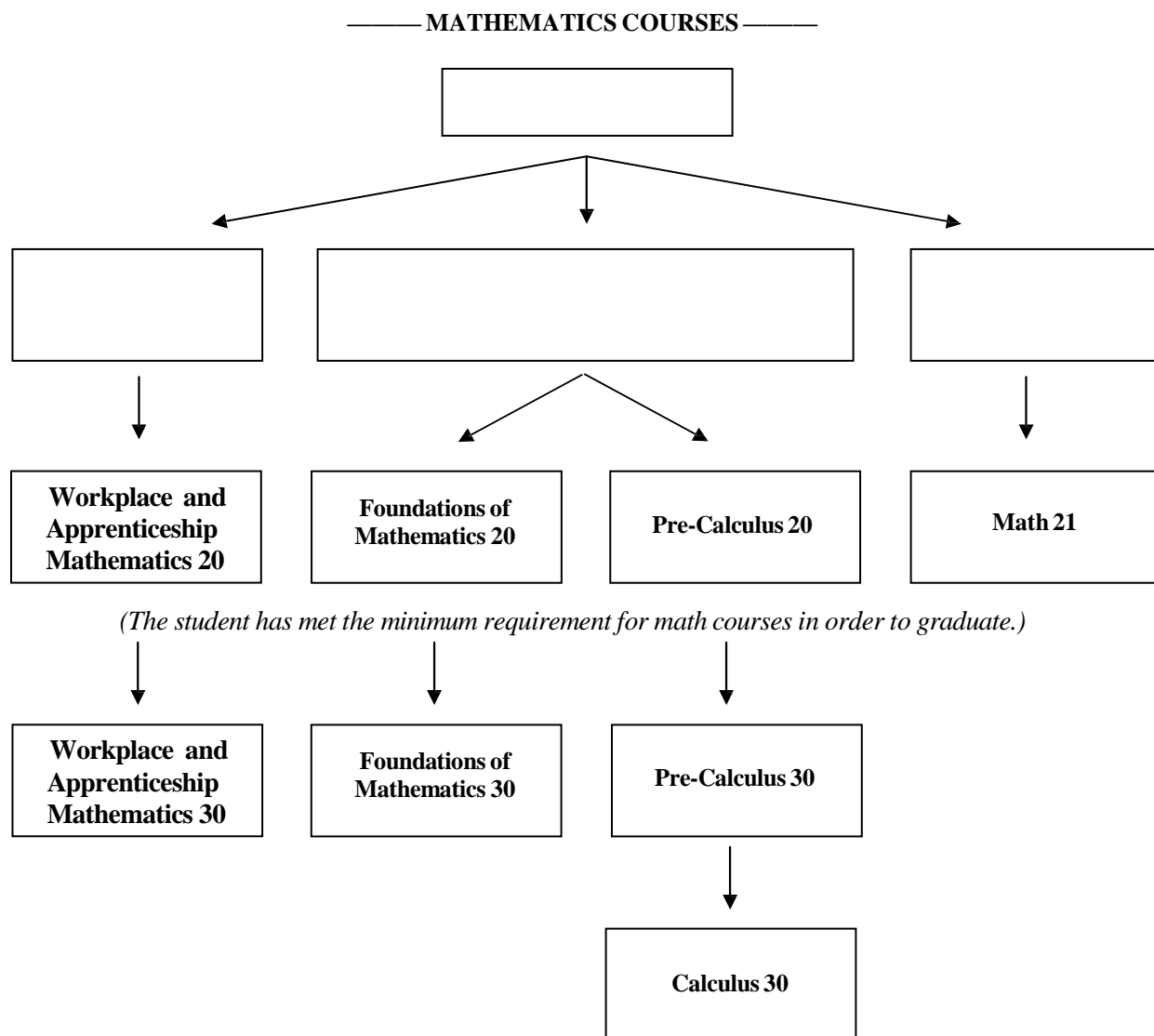
English Language Arts 30 courses integrate the development of the six strands of communication: speaking, listening, reading, writing, viewing and representing. Effective communication and thinking skills are developed through a variety of language activities. English Language Arts 30 is a resource-based course that allows teachers to select and adapt materials and instruction to meet the needs, abilities and interests of students. Students explore a wide range of both traditional and contemporary literature in Canadian and world literature.

ENGLISH LANGUAGE ARTS A30

The A30 course is organized around themes that focus on Canadian literature and society. "Canada: Diverse Landscape and People" and "Identity and Diversity" are examples of themes studied in this course. Assignments and activities are designed to continue development of skills in listening, speaking, representing, reading, and writing. Of particular importance is the student and composition of the literary essay.

ENGLISH LANGUAGE ARTS B30

The B30 course is an issues-oriented course organized around human concerns in a global society. Students study both traditional and contemporary world literature in a comparative manner to explore themes from a global perspective. "The Human Condition—In Search of Self" and "The Social Experience—Beyond Personal Goals" are examples of issues studied in this course.



Considerations when selecting math courses in grades 10 – 12:

- Math 11 and 21 are modified courses which are designed for students who struggle with Math.
- There are three pathways for students who do not require modified Math courses: Workplace and Apprenticeship Mathematics, Foundations of Mathematics and Pre-Calculus. Each pathway is designed to provide students with the mathematical understandings, rigor and critical-thinking skills that have been identified for specific post-secondary programs of study and for direct entry into the work force. The content of each pathway has been based on the *Western and Northern Canadian Protocol (WNCP)*.
 - **Apprenticeship and Workplace Mathematics** – This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force.
 - **Foundations of Mathematics** – This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require

the study of theoretical calculus.

- **Pre-calculus** – This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus.
- The Ministry of Education and Regina Public Schools recommend that Grade 10 students take both Workplace and Apprenticeship Mathematics 10 and the Common Course for Foundations of Mathematics and Pre-Calculus 10. This will allow students to identify the math pathway that is most suitable for them, as well as allow students to complete any single pathway in one year.
- There is no hierarchy among the three pathways. They are different types of mathematics for different purposes. Students choose the appropriate math pathway(s) based on what best meets their interests and needs after high school.
- Students may receive credits for more than one math courses at any grade level (except Math 11 and 21). Most students select two pathways so that they develop a wider skill set and study math in both semesters.
- While only a 20-level math course is required for graduation, most students complete a 30-level Math course.

MATH 11

Prerequisite: Math 9

Math 11 is a modified course designed for students who struggle with math. Students should receive a recommendation from their math teacher in order to register for Math 11. This course includes many of the same topics as Math 10 but in less depth. Students who successfully complete Math 11 will proceed to Math 21.

MATH 21

Prerequisite: Math 11

Math 21 is a modified course designed for students who struggle with math. Students should receive a recommendation from their math teacher in order to register for Math 21. This course includes many of the same topics as Math 20 but in less depth. Students who successfully complete Math 21 have met the minimum graduation requirement for math. In order to take further math courses, the student would have to register in Apprenticeship and Workplace Mathematics 10 or Foundations of Mathematics and Pre-Calculus 10.

WORKPLACE AND APPRENTICESHIP MATHEMATICS 10

Prerequisite: Math 9

The topics include units of measure, spatial thinking, Pythagorean Theorem, polygons and similarity, trigonometry, parallel and perpendicular lines, geometric constructions, proportional reasoning, income and formula manipulation. Students who successfully complete Workplace and Apprenticeship Mathematics 10 may proceed to Workplace and Apprenticeship Mathematics 20.

YEARLONG WORKPLACE AND APPRENTICESHIP MATHEMATICS 10/20

Prerequisite: Math 9

This section of Workplace and Apprenticeship Mathematics 10 and 20 will be delivered over both semesters. The students will cover the same topics and receive 2 credits.

FOUNDATIONS OF MATHEMATICS AND PRE-CALCULUS 10

Prerequisite: Math 9

The topics include units of measure, trigonometry, irrational numbers and exponents, factoring, relations and linear functions, and systems of linear equations. Students who successfully complete Common Course for Foundations of Mathematics and Pre-Calculus 10 may proceed to Foundations of Mathematics 20 **and/or** Pre-Calculus 20.

WORKPLACE AND APPRENTICESHIP MATHEMATICS 20

Prerequisite: Workplace and Apprenticeship Mathematics 10

The topics include slope and rates of change; graphical representations; measurement; right triangle trigonometry; scale representations, financial services; and personal budgets. Students who successfully complete Workplace and Apprenticeship Mathematics 20 have met the minimum graduation requirement for Math and may choose to proceed to Workplace and Apprenticeship Mathematics 30.

FOUNDATIONS OF MATHEMATICS 20

Prerequisite: Common Course for Foundations of Mathematics and Pre-Calculus 10

The topics include inductive and deductive reasoning; properties of angles and triangles; triangle trigonometry; statistical reasoning; systems of linear inequalities; quadratic functions and equations; and proportional reasoning. Students who successfully complete Foundations of Mathematics 20 have met the minimum graduation requirement for Math and may choose to proceed to Foundations of Mathematics 30.

PRE-CALCULUS 20

Prerequisite: Common Course for Foundations of Mathematics and Pre-Calculus 10

The topics include sequences and series; trigonometry; quadratic functions and equations; radical expressions and equations; rational expressions and equations; absolute value and reciprocal functions; systems of equations; and linear and quadratic inequalities. Students who successfully complete Pre-Calculus 20 have met the minimum graduation requirement for Math and may choose to proceed to Pre-Calculus 30.

WORKPLACE AND APPRENTICESHIP MATHEMATICS 30

Prerequisite: Workplace and Apprenticeship Mathematics 20

The topics include linear relations; limits to measurement; statistics; probability and odds; properties of geometric figures; transformations; trigonometry; and owning a small business.

FOUNDATIONS OF MATHEMATICS 30

Prerequisite: Foundations of Mathematics 20

The topics include financial mathematics; set theory and logic; counting methods; probability; polynomial functions; exponential and logarithmic functions; and sinusoidal functions.

PRE-CALCULUS 30

Prerequisite: Pre-Calculus 20

The topics include function transformations; radical, polynomial, rational, exponential, and logarithmic functions; the unit circle and trigonometric functions; function operations; and permutations, combinations and the Binomial Theorem. Students who successfully complete Pre-Calculus 30 may choose to proceed to Calculus 30.

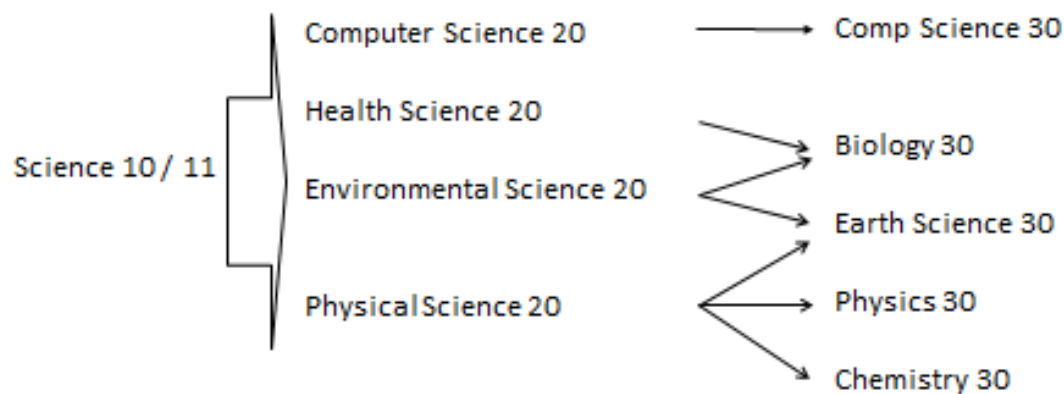
CALCULUS 30

Prerequisite: Pre-Calculus 30 or Math C30

The topics include limits; derivatives and applications; curve sketching, area under curves, and integrals. This course is recommended for students who plan to take first-year Calculus at university.

— SCIENCE COURSES —

Secondary Science Courses / Prerequisites



SCIENCE 10

Prerequisite: Complete Grade 9

The class is a general science course following the Pan Canadian Curriculum. The curriculum consists of 4 units: Sustainability of Ecosystems, Chemical Reactions, Motion in our World and Weather Dynamics. Students develop skills in mathematical reasoning, scientific investigations, forming hypotheses, drawing good conclusions, graphing and analyzing data. There is an emphasis on developing scientific literacy, which involves science-related attitudes, skills and knowledge students need to improve their inquiry and problem-solving abilities.

Text: *Nelson Science 10*

HEALTH SCIENCE 20

Prerequisite: Science 10

This course will challenge you to look at the health science field from holistic and analytic perspectives to provide a basis for making sound personal health choices. You will examine the range of philosophies that guide health care and consider ethical decision within those contexts. Understanding the basic anatomy and physiology of the human body will provide a context for studying the normal and abnormal functioning of various body systems, including the role of nutrition and metabolism. You will examine diagnostic tools and procedures and how they are used to inform treatment. You will investigate the range of health science careers and post-secondary programs available in Saskatchewan.

PHYSICAL SCIENCE 20

Prerequisite: Science 10

This course combines chemistry and physics in an integrated manner to investigate concepts related to heating and cooling, the foundations of chemistry, including the mole and quantitative analysis of molecules and chemical reactions, and the characteristics and properties of waves. An overarching theme is the study of the enterprise of public and private science as it occurs in agriculture, industry, and universities to help you better understand various physical science related career paths. An inquiry project will guide your independent investigations of physical science phenomena.

ENVIRONMENTAL SCIENCE 20

Prerequisite: Science 10

You will learn how to examine local and global environmental issues from a systems perspective while considering the effects of human actions and a growing global population on the climate and environment, as well as the effects of the environment on human health. You will explore the mechanisms and importance of aquatic and terrestrial ecosystems and the sustainability of past and current practices and technologies humans have developed to live with and within the environment.

BIOLOGY 30

Prerequisite: Health Science 20 or Environmental Science 20

This course serves as an overview of internal living systems with an emphasis on humans. Study includes molecular biology, cells, heredity, human anatomy and physiology, and evolution. Skills are developed in investigation, drawing conclusions, distinguishing among observation, inference and conclusion, and research. Students develop an appreciation of the complexity and inter-relations of all living things. Students are required to do an independent research project.

Text: *Biology*, Miller & Levine

CHEMISTRY 30

Prerequisites: Physical Science 20

Students interested in a challenging course that will provide them opportunity to take engineering or other science related fields at the next level should consider taking this academic course at high school.

Course content includes studies on solutions, thermochemistry, chemical kinetics, equilibrium, acid-base theory, oxidation and reduction, and some organic chemistry.

Text: *Glencoe Chemistry: Matter and Change*, McGraw-Hill

COMPUTER SCIENCE 20

Prerequisite: Science 10

Computer Science 20 involves learning how to create, develop, and invent applications through a pragmatic approach. All students are recognized as beginners. The three elements that we focus on are Programming/algorithms, hardware and troubleshooting, and careers. Throughout the class, we use technology such as cell phones, tablets, and cloud computing for a paperless workplace and lab experience.

COMPUTER SCIENCE 30

Prerequisite: Computer Science 20

Computer Science 30 takes off where Computer Science 20 left in the previous semester. You will create, develop, and organize a major project of your choice. You will study more technical and advanced techniques in programming, method building, and algorithm design. You may also wish to extend your knowledge to robotics, design, etc. The choice is yours.

PHYSICS 30

Prerequisites: Physical Science 20

This course covers aspects of motion, forces, energy momentum, electricity and magnetism. Students develop skills such as measurement, graphical analysis and problem solving as well as experimental methods.

Text: *Fundamentals of Physics: Combined Edition*, Heath

———— SOCIAL STUDIES COURSES ————

HISTORY 10

Prerequisite: Complete Grade 9

This course is designed to help students understand the basic institutions of industrialized, democratic society. The history program uses the past to show students how fundamental social organizations developed in the late eighteenth and nineteenth centuries. Units include Political Decision-Making, Economic Decision-Making, Ideological Decision-Making, International Economic Relations and International Political Relations. Topics include the French Revolution, European Exploration, Imperialism and WW I.

HISTORY 20

Prerequisite: a Grade 10 social science

The course examines major developments of the twentieth century and the impact they have had on relationships internationally, and on international political and economic affairs. Themes include World War I and the Russian Revolution, the Rise of Single Party States, World War II, the Cold War and the Sixties.

HISTORY 30

Prerequisite: a Grade 10 social science

This course studies past developments in Canadian history and examines how they have affected the political, economic, social and cultural conditions of Canada today. Areas covered include Aboriginal peoples and European colonization, the road to Confederation, French-English relations, Canadian-American relations, and the development of Canada during the 20th century.

LAW 30

This course introduces the student to basic elements of Canadian law, including origins of legal systems, and criminal, civil, tort, family and contract law. Students are encouraged to develop communication, participatory and analytical skills through the use of debate, discussion and case study. Units include the Rule of Law, How Canada's Laws Are Made, Categories of Law, Human Rights, Criminal Law, Bringing the Accused to Trial, the Court, and Sentencing, Appeals and Prison.

NATIVE STUDIES 30

Prerequisite: A Grade 10 social science

Native Studies 30 is based on the premise that distinct perspectives are common, that diversity of truths exists, and that the motivation for most behaviours and attitudes may be traced to the worldviews and philosophical orientations of people. The purpose of this curriculum is not to attempt to articulate the precise Aboriginal values and beliefs which shape worldview and philosophy, but rather to stress their importance for gaining insight into the Aboriginal people of Canada. Themes include: Aboriginal and Treaty Rights, Governance, Land Claims and Treaty Land Entitlements, Economic Development and Social Development.

PSYCHOLOGY 20

Prerequisite: a Grade 10 social science

This introductory course in psychology explores what psychology is and its application in individual, group and family relationships. The emphasis is on social psychology. Students will reflect on how we learn, solve problems, perceive, feel, and get along with others, and will be asked to apply psychological principles and theories to their own lives. Themes include identity, personality, gender, social development, and group Interaction.

NOTE: French Immersion students must take Histoire 20 but may choose psychology as an elective.

PERFORMANCE PSYCHOLOGY 20

Prerequisite: a Grade 10 social science

The Performance Psychology class provides students with the skills to achieve higher levels of excellence in their pursuits. Students that are committed to performing to their level of sport, the performing arts, education, the workplace and their personal life will blend the knowledge and their experiences to enhance their individual development. The class will fit your requirement for a grade 11 psychology social science elective. Units of study include such topics as goal setting, stress management, visualization, psychology perspectives, motivation, psychology skills, training, communication, concentration, imagery, burnout and over training, and character development, etc.

NOTE: Students may choose Psychology 20 or Performance Psychology 20 but not both.

NOTE: French Immersion students must take Histoire 20 but may choose Performance Psychology as an elective.

PSYCHOLOGY 30

Prerequisite: Psychology 20 recommended

This senior course in Psychology builds on the content of Psychology 20. The focus is on Human Development Across the Life Span, especially as it relates to the family and our growth as humans. Areas of study include Bio-Psychology, Personality Development, Cognitive Development and Social Development.

———— FINE ARTS COURSES ————

The following music classes are offered on the regular timetable.

Music 10 GUITAR*

Prerequisite: None

The objectives of Guitar 10 will be the familiarization of the instrument, the basic music theory involved combined with an emphasis on skill development. Students will learn the various parts of the guitar, methods of playing, musical forms, and basic music theory including chord building, traditional notation and tablature. All students will get the opportunity to learn music from a wide variety of genres and styles. Students are expected to demonstrate great care and respect for both the instruments and others in the class. Students will be evaluated on participation, attendance, attitude, playing exams, as well as progress in skill development.

Music 20 GUITAR*

Prerequisite: Music 10 Guitar

Students will continue to become familiar with the instrument. This will include a focus on music theory and further skill development. Topics covered will include advanced methods of playing, sight reading of traditional notation as well as tablature, musical forms as well as musical theory. All students will get the opportunity to learn music from a wide variety of genres and styles. Students are expected to demonstrate great care and respect for both the instruments and others in the class. Students will

be evaluated on participation, attendance, attitude, playing exams, written exams as well as progress in skill development.

Music 30 GUITAR*

Prerequisite: Music 20 Guitar

Students will continue to become familiar with the instrument. This will include a focus on music theory and further skill development. Topics covered will include advanced methods of playing, sight reading of traditional notation as well as tablature, musical forms as well as musical theory. The opportunity for students to be broken down into duets, trios and other small ensembles will be the focus for a large part of the semester. Public performance of these ensembles will be a mandatory aspect of the class. Students are expected to demonstrate great care and respect for both the instruments and others in the class. Students will be evaluated on participation, attendance, attitude, playing exams, written exams as well as progress in skill development.

MUSIC/INSTRUMENTAL 10, 20 & 30

Prerequisites: Previous level of Music/Instrumental or permission of instructor (based on previous experience with a concert band instrument through a community band, private lessons or school classes)

The Music/Instrumental courses focus on developing technical skills, sight-reading ability and ensemble playing. Each level completes graded theory requirements and, through selected listening opportunities, students learn to distinguish and appreciate music of different periods and styles. Composition and Jazz improvisation may be offered, depending upon the interest and skill of those students enrolled. Students must also join Noon Band as a co-requisite for an additional credit.

MUSICAL THEATRE 10, 20, 30*

Prerequisite: None

This class is an exciting opportunity for all Campbell students who enjoy singing, acting and stage production to learn more about these areas in a comfortable, high-quality atmosphere! Students will have the opportunity to perform and participate in a variety of musical theatre activities that include a major musical theatre production. Participation in this performance based course helps to foster a great amount of musical and personal growth in each class member.

Students in this class should also join Noon Choir for an extra credit. Students in this class are also invited to audition for a vocal jazz ensemble!

The following classes are offered as off-timetable courses:

ORCHESTRA 10L/20L/30L

Prerequisite: experience with a STRING instrument – violin, viola, cello, string bass, concert harp

This is an ensemble performance class which will provide students with the opportunity to continue an intensive study of literature in both the string and orchestral idioms in the public school setting. The class will focus on sight-reading, technical skill development, and an appreciation of ensemble with respect to dynamics, tone, balance and intonation through an exploration of both traditional and modern repertoire.

Students will be involved in 3 public performances over the course of the year and will also be given the opportunity to hear live orchestral performances.

INTERMEDIATE BAND 10 (NOON BAND 10)*

Pre-requisite: Previous level of Noon Band or permission of the instructor (based on experience with a concert band instrument through a community band, private lessons, or school classes)

Rehearsals are held twice weekly during the noon hour. Membership extends from September through early June. Members of the

Intermediate Band are invited to audition for jazz bands. Participation and attendance at all rehearsals, concerts and festivals is mandatory.

SENIOR BAND (NOON BAND 20/30)*

Pre-requisite: Previous level of Concert Band or permission of the instructor (based on experience with a concert band instrument through a community band, private lessons, or school classes)

Rehearsals are held twice weekly. Membership extends from September through early June. Members of the Senior Band are invited to audition for jazz bands. Participation and attendance at all rehearsals, concerts and festivals is mandatory.

INTERMEDIATE VOICES (NOON CHORAL 10)*

Prerequisite: None.

If you love to sing, or are interested in singing, then this group is for you!! The Campbell Intermediate Voices is a high-energy ensemble that performs a variety of quality choral repertoire. The Intermediate Voices is a noon hour class held on Tuesdays and Fridays at lunch. Dedication to developing and maintaining high standards of musicianship and performance are emphasized. The Intermediate Voices focus on a variety of choral repertoire that is interesting, enjoyable and challenging. Participation in this ensemble helps to foster a great amount of musical growth in each choir member. Campbell Choirs are nationally recognized for their emphasis on the performance of quality choral repertoire. Students from this class are invited to audition for the Chamber Choir and the Vocal Jazz Ensembles. Participation and attendance at all rehearsals, concerts and festivals is mandatory.

SENIOR VOICES (NOON CHORAL 20/30) *

Prerequisite: Noon Choir 10 recommended

The Campbell Senior Voices is a high-energy ensemble that performs a variety of quality choral repertoire. The Senior Voices is a noon hour class held on Tuesday and Friday's at lunch. Dedication to developing and maintaining high standards of musicianship and performance are emphasized. The Senior Voices focus on a variety of choral repertoire that is interesting, enjoyable and challenging. Participation in this ensemble helps to foster a great amount of musical growth in each choir member. . Campbell Choirs are nationally recognized for their emphasis on the performance of quality choral repertoire. Students from this class are invited to audition for the Chamber Choir and the Vocal Jazz Ensembles. Participation and attendance at all rehearsals, concerts and festivals is mandatory.

VOCAL JAZZ 10, 20 & 30 (VJ 2, VJ 1)

Co-requisite: Noon Choir 10, 20 or 30

These ensembles provide Campbell students who are interested in exploring jazz the opportunity to participate in high quality, high-energy performing vocal jazz ensembles. These ensembles are nationally recognized for their performance of quality repertoire in a variety of jazz styles. Attendance at all rehearsals, concerts, and festivals is mandatory.

INSTRUMENTAL JAZZ 10, 20 & 30 (Jazz 2, Jazz 1)

Co-requisite: Noon Band 10, 20, 30

Students receive one credit at the appropriate grade level.

Students become familiar with the standard jazz ensemble literature, its famous performers (current and historical), definitive style traits, basic jazz theory, as well as important recordings. As instrumental skills develop, opportunities for improvisation will be offered. Students have opportunities to respond critically to both recorded and live performances (including their own).

DRAMA 10

Prerequisite: None

The overall objective of Drama 10 is the development of students through dramatic skills. The students are exposed to a variety of dramatic forms from mime to improvisation to scene production. Students act as creators, performers, historians, critics, and patrons. Students are evaluated on participation, attitude, attendance, projects and a journal.

DRAMA 20

Drama 20 is a continuation of Drama 10. Students are expected to demonstrate greater discipline and responsibility towards others. Although many of the dramatic forms of Grade 10 are further developed, there is a greater emphasis placed on theatre skills and scene and play production. Students are evaluated on participation, attitude, attendance, projects, journal, and exams.

DRAMA 30

Drama 30 is a continuation of Drama 20. Students focus on performance skills, theatre studies, play analysis and interpretation, and theatre production. Students are expected to participate in contextual dramas, collective creations, and one-act plays. There are units of material related to theatre history, technical theatre, directing, and play writing. Students are evaluated on participation, attitude, attendance, projects, journal, and exams.

VISUAL ART 10*

Students are encouraged to apply their knowledge of the elements of art and principles of design to their own work and discussions. As in previous years they explore ideas, materials, tools and techniques in order to present their ideas in a personal way. Students are evaluated on participation, attitude, attendance, projects and exams.

The cultural/historical (examination of art and artists from a variety of periods and cultures) creative/productive (making of art) and critical/responsive (analysis and criticism of one's own and others' art) components of the Arts Education curriculum are fundamental to the instruction of this course.

VISUAL ART 20*

Visual Art 20 is a continuation of the grade 10 program. As in previous years, the students explore ideas, materials, tools, techniques and present their ideas in a personal way (creative/productive). Discussion and analysis of artists' works are used to further develop students skills and knowledge (critical/responsive). An understanding of various artists, artistic styles and cultures is encouraged through research, discussion and community/gallery visits (cultural/ historical).

VISUAL ART 30*

Students in Grade 12 explore a variety of arts expressions through the creative/productive, cultural/ historical, and critical/responsive components of Arts Education. They increase their understanding of the languages and creative processes of visual art and convey their own ideas using a variety of materials, tools and techniques. An in-depth understanding of various artists, artistic styles and cultures is encouraged through discussion, research, and community/gallery visits. Throughout the class, students are challenged to interpret and analyze art works based on content found in the work.

VISUAL ART SPECIALIZATIONS

Drawing and Painting 20/30L and Sculpture 20/30L, are offered for students interested in specializing their art studies. The cultural/historical, creative/productive, and critical/responsive components of the Arts Education curriculum are fundamental to the instruction of these courses.

ART 20L DRAWING/PAINTING OR ART 20L SCULPTURE *

Emphasis is on skill development and a variety of two-dimensional media or three-dimensional art forms. In addition, there are

gallery visits, the study of local artists and personal research.

ART 30L DRAWING/PAINTING OR ART 30L SCULPTURE*

These courses are recommended for more serious art students. Individual artistic growth will be encouraged through skill development, gallery visits, the study of local and international artists, personal research and portfolio building.

* Courses with an asterisk have a fee associated with them

———— PHYSICAL EDUCATION, HEALTH AND WELLNESS COURSES ————

WELLNESS 10

Prerequisite: Complete Grade 9

The Wellness program is a blend of Health and Physical Education. It incorporates the components of fitness into practical applications. Fitness assessments will be done throughout the semester in order to encourage students to develop good decision making skills and a healthy lifestyle. The program is diverse in that students will experience activities which they may wish to continue in the future. Students have the opportunity to participate in both team and individual lifelong pursuits.

Nutrition, healthy eating, HIV/AIDS education, family life education and healthy relationships are topics of discussion.

Volunteerism in both school and/or community is a required portion of this class.

PHYSICAL EDUCATION 20 (COED – Female only may be an option)*

Prerequisite: Wellness 10

The grade eleven Physical Education Program focuses on lifelong recreational activities that are available in our community. Students will be given the opportunity to learn and develop the skills needed to participate in these activities. Bus transportation to the different venues is included in the cost. Students will also focus on their own personal fitness development by developing a greater understanding of the Health Related Components of Fitness. Fitness assessments will be done throughout the semester so students have the opportunity to monitor their progress.

Possible activities: Water Polo, Gymnastics, Tennis, Curling, Five-pin Bowling, Wallyball, Spin Class, Group Kick Class, Racquetball, Beach Volleyball, Basketball, Badminton, Tchoukball, Flag Football. A downhill ski/snowboard trip with other credit physical education classes may also be available. This will be an extra cost and will be optional.

PHYSICAL EDUCATION 30 (COED – Female only may be an option)*

This program includes some different activities plus some similar activities from the Physical Education 20 course. Students will be directed toward a higher level of skill acquisition and knowledge with the activities being covered. Students will focus on their own personal fitness development by developing a high understanding of the Health Related Fitness Components. Fitness assessments will be done during the semester so students have the opportunity to assess their own strengths and weaknesses.

Possible activities: Golf, Tennis, Curling, Ten Pin Bowling, frolf, Boxing, Billiards, Squash, Deep water aquasize, takraw, team handball, rugby, lawn bowling, etc. A downhill ski/snowboard trip with other credit physical education classes may also be available. This will be an extra cost and will be optional.

PERSONAL FITNESS 20L/30L

This class is going to focus on training the human body for various performance needs. The training will consist of weight lifting (hypertrophy, strength, power, toning), speed, agility, cardio, bosu, TheraBall and body weight exercises. We will also cover action planning, setting personal fitness goals, anatomy and nutrition education (pre workout, post workout, daily needs) Anyone

looking to increase their physical performance in a given sport (both in and out of season), become healthier overall and push their body to a level that they have not reached before should consider taking this class. **It will be offered in the morning before 8:30 classes begin and it will run in both semesters depending on the enrollment.**

PHYSICAL EDUCATION 10/20/30 OUTDOOR PURSUITS *

This class is a Phys. Ed. 20 or 30 Credit which will be delivered in a different way. Different from your regular PE 20/30 or Personal Fitness classes as the activities covered in Outdoor Pursuits will be based in the out of doors. This course is open to students with a lot of outdoor skills/experience or students who are new to outdoor activities and are open to learning new skills and have unique experiences. Outdoor Pursuits class helps all students find success and inspiration in embracing an outdoor lifestyle. There will be additional trip fees associated with this course (may be an additional \$200). There will likely be fundraising available to off-set these costs.

———— PRACTICAL & APPLIED ARTS COURSES ————

ACCOUNTING 10*

Students learn the basic financial statements and the simplified accounting cycle for a small service business in detail. They will examine the concepts of Generally Accepted Accounting Principles (GAAPs) and apply these concepts within the accounting activities. Upon completion of this course, students will have obtained the bookkeeping skills required in the operation of a small service company. A brief study of careers in accounting and the professional bodies of CA's, CMA's and CGA's are included. Students will also do personal finance activities such as creating a personal budget. Evaluation is based on projects, assignments, tests and professional business work ethic.

ACCOUNTING 20*

Prerequisite: Accounting 10

Students will examine the accounting cycle for a medium sized merchandising business, organized as a partnership. They are introduced to the Simply Accounting software package and the bookkeeping applications are all computer based. Students will study adjustments and use special journals in the accounts receivable, accounts payable, inventory and banking applications. The recording of taxes (provincial sales and GST) are introduced and the concepts of the GAAPs continue to be applied. A short unit on taxes and filing tax returns is also covered. Evaluation is based on projects, assignments, tests, simulations and professional business work ethic.

ACCOUNTING 30*

Prerequisite: Accounting 20

Students in Accounting 30 will examine the new accounts and procedures associated with corporate accounting for a merchandising firm. The use of Simply Accounting is continued as all application problems are computer based. They will study the cost of goods sold, depreciation, accruals and payroll. Content covered will provide students with the opportunity to think about how managers make decisions and will give students opportunities to look at the relationships between costs and business activity. Taxes will be reviewed and auditing will be covered. This class will audit the Entrepreneurship 30 class ventures. Evaluation is based on projects, assignments, tests, simulations and professional business work ethic.

BUSINESS & SOCIAL TECHNOLOGY 10 (Information Processing 10)

The focus of this computer-based course is to facilitate the development of students as 21st century learners. Students will have the opportunity to CREATE, COLLABORATE, and COMMUNICATE as they develop a variety of key employability skills.

The goal of **Business and Social Technology 10** is to develop students' preparedness to be successful citizens in their own lives and the business world. Students preparing for all types of adult responsibilities require a sound understanding of how to create, access, use and manage business and social technology. Students will develop valuable skills as they explore the areas of: technology fundamentals, social media, word processing, effective presentations, communication and spreadsheets.

BUSINESS & SOCIAL TECHNOLOGY 20 (Information Processing 20)

The focus of this computer-based course is to further the development of students as 21st century learners from their experience in Business and Social Technology 10. Students will have the opportunity to CREATE, COLLABORATE, and COMMUNICATE as they expand on a variety of key employability skills necessary for the future. The goal of Business and Social Technology 20 is to further the student's understanding in presenting, creating, and organizing information with a focus on the business world. Students preparing for all types of adult responsibilities require a sound understanding of how to create, access, use and manage business and social technology. Students will develop valuable skills as they explore the areas of: intermediate technology skills, social media for business, intermediate word processing, advanced presentation skills, intermediate business communication and advanced spreadsheets.

BUSINESS & SOCIAL TECHNOLOGY 30 (Information Processing 30)

The focus of this computer-based course is to facilitate the advanced development of students as 21st century critical and creative thinkers. Students will have the opportunity to CREATE, COLLABORATE, and COMMUNICATE as they develop a variety of key employability skills. The goal of Business and Social Technology 30 is to further develop a variety of skills in areas such as: social media, word processing, spreadsheets, effective presentations, advertising, communication and business strategy. Students have the opportunity to either complete the regular Business & Social Technology 30 course or apply to be a part of a NEW student consulting company called the Ten Thinkers. The Ten Thinkers will work closely with local consultants from Strategy Lab. The students will work on real problems with real businesses.

ENTREPRENEURSHIP 30

Prerequisite: None

The goal of Entrepreneurship Education is to learn skills and information needed to establish and run a small business. This course will help students learn problem solving, communication and analytical skills while determining potential opportunities. Students will look at societal problems and/or needs with an eye for creating change in order to seek and explore, and take advantage of opportunities that exist everywhere! Units covered include Characteristics and Attitudes of an Entrepreneur, Opportunity Assessment, The Business Plan, Marketing, Operation and Financial Planning. Students will participate in the Junior Achievement Company Program where they will plan, finance, create and run their own class company. Evaluation is based on assignments and projects.

PERSONAL FINANCE 30L

With credit card debt, household debt, and national debt becoming alarming issues both in Canada and around the world, many people ask where personal finance is being taught. Until now, it has not been taught and many youth and adults with poor financial literacy have been making crucial mistakes with their finances. Personal Finance 30L is the most important class that you can take during your high school career as no matter what your future holds, you will need to be financially literate. Topics covered in this course include: Economics, Decision Making and Money Basics, Banking Services, Income and Taxation, Budgeting, Savings and Investing, Credit and Credit Cards, Consumer Protection, and Renting, Leasing, and Buying. Take Personal Finance 30L and work towards becoming an informed, financially literate member of society through a practical, hands-on learning experience

LIFE TRANSITIONS 20

Life Transitions 20 is a course that offers a little bit of practical insight into identity and relationships following your life path in finding your career path; it also looks into ways of strengthening your understanding of the forces that shape that. There is an emphasis on self-reflection and lab work as this is a PAA course with hands on offerings in nutrition and self-development.

COMMUNICATION MEDIA 10*

Communication Media 10 introduces students to basic knowledge skills and abilities in audio, video and interactive media. Students are introduced to aspects of video production including production stages, lighting, use and care of audio/video equipment and planning of projects. The importance of audio in isolation is introduced, as well as audio editing software. Creation of interactive media, such as web pages, to communicate effectively, is introduced.

There is a materials fee to take this course.

COMMUNICATION MEDIA 20*

The use of digital video cameras, computers as non-linear editing tools, digitization of analog sources, use of associated computer software, and the production of digital material will be discussed. Multiple camera techniques and studio lighting are covered as well. Audio production and post-production techniques are investigated, as well as interactive media. Students continue to build a working portfolio with the goal of producing a showcase portfolio. Involvement in the production of promotional items for school groups and activities is an expectation.

There is a materials fee to take this course.

COMMUNICATION MEDIA 30*

Students at this level produce a showcase portfolio that demonstrates their abilities in audio, video and interactive media. Students have four project options available. In each case the projects require 100 hours of production time, appropriate use of a project log and the completion of a showcase portfolio on a variety of media. Students must adhere to a production schedule. The final mark is derived from evaluation of the project log, showcase portfolio, project presentation and adherence to the production schedules. There is a materials fee to take this course.

CONSTRUCTION AND CARPENTRY 10 (Woodwork)*

Prerequisite: None

Students will be learning shop safety, measurement, basic power tool use, basic hand tool use, basic joinery, and basic finishing techniques. These are taught through the construction of two or three projects (time depending). There is a large emphasis on safety and accuracy of work. Students will be required to work independently and in groups. Students are encouraged to wear work clothes but are not required. There is a fee for materials and shop supplies used.

CONSTRUCTION AND CARPENTRY 20 (Woodwork)*

Prerequisite: Construction and Carpentry 10

Construction 20 builds on the techniques taught in Construction 10. Students will build one or two intermediate skilled projects. Safe and accurate work is a requirement of the course. Students are encouraged to wear work clothes but are not required. There is a fee for materials and shop supplies used.

CONSTRUCTION AND CARPENTRY 30 (Woodwork)*

Prerequisite: Construction and Carpentry 20

Construction 30 builds on the techniques taught in Construction 20. Students will build an advanced project. Safe and accurate work is a requirement of the course. Students are encouraged to wear work clothes but are not required. There is a fee for materials and shop supplies used.

DESIGN STUDIES

Design Studies highlights the techniques and methods for developing innovative and useful ideas for business, engineering, fine arts, and for personal use. The student as designer explores possibilities for creating, refining or adapting objects and the selection of appropriate materials and resources. Students work in two and three dimensional designs and consider the business/career aspects of pure design. Options include work experiences, modeling and prototype fabrication, learning Professional CAD software.

DESIGN STUDIES 10*

Prerequisite: None

Design 10 introduces students to Design Fundamentals, and how to manipulate and apply these in a variety of team and individual problem solving situations. Early modules will be basic assignments and design problem briefs, building towards more complex design challenges. Autodesk design software is introduced as an integral design tool.

DESIGN STUDIES 20*

Prerequisite: Design 10 is recommended, or permission of the instructor.

Building upon the fundamentals of Design 10, 20 level Design Studies will develop individualized assignment and opportunities for independent initiatives, while re-enforcing the importance of collaboration and team solutions. Students explore more complex two and three dimensional design problems within both a physical and computer generated context.

DRAFTING AND CAD 10*

Prerequisite: None

Drafting 10 develops skills in mastering computer assisted drafting. Students will work on various projects using computer assisted drafting that increase in complexity. Students will develop the skills of viewing two dimensional and three dimensional drawings. The course will conclude with the students drawing the plans of a small cottage. This class provides a strong background for students entering into Engineering, Architecture, Design and CAD Drafting.

DRAFTING AND CAD 20*

Prerequisite: Drafting 10

Drafting 20 develops skills in mastering residential construction. Students will explore all aspects of house construction from the foundation to the roof details. Students can further develop their skills in computer assisted drafting by producing projects involving site plans, floor plans, views and sectionals. Several tours will be taken to residential construction sites to further develop the students three dimensional experience. Students will conclude the semester withdrawing their own house plans with a complete set of building drawings. The class provides a strong background for students entering into Engineering, Architecture, Design and CAD Drafting.

DRAFTING AND CAD 30*

Prerequisite: Drafting 20

Drafting 30 will further develop the students' skills in three dimensional designs. Projects will include residential and commercial construction. The class provides a strong background for students entering into Engineering, Architecture, Design and CAD Drafting.

FOUNDATIONS OF ENGINEERING SYSTEMS & TECHNOLOGY: ROBOTICS (ENGG & TECH)

Robotics is the science and technology of robots, their design, manufacture, and application. We are in partnership with the University of Regina's Faculty of Engineering and Applied Science to provide the best of instruction and components. This design changes yearly with the Skill Canada Robotics Competition. Students who are enrolled in the 20 and 30 levels have a chance to compete in the world competition that is held around the globe. Be the best and challenge yourself while learning real life engineering techniques and concepts in a creative, cooperative and supportive environment. (One after-school class per week)

ENGINEERING ROBOTICS 10*

Prerequisite: None

You will be designing, building and manufacturing a fully functional and working robot. You will be provided with all the tools and components for your design so you can create from the ground up. This is a one semester class during the school day.

ENGINEERING ROBOTICS 20*

Prerequisite: None

You will be working in teams providing mentorship and expert knowledge with the new Engg & Tech 10 teams. You will be building and competing in competitions with the added confidence of the previous year. The problem solving skills, engineering techniques and bonus technology skills learned will give you the street credibility for better jobs and a great asset to universities across the country! (one after-school class per week)

ENGINEERING ROBOTICS 30*

Prerequisite: None

You will be working in teams providing mentorship and expert knowledge with the new Engg & Tech 10 & 20 teams. You will be building and competing in competitions with the added confidence of the previous year. The problem solving skills, engineering techniques and bonus technology skills learned will give you the street credibility for better jobs and a great asset to universities across the country! (One after-school class per week)

PHOTOGRAPHY 10*

Prerequisite: none

Photography 10 highlights the use and integration of industry standard applications and techniques in the field of Graphic Design and Digital Photography. Emphasis on problem solving complex layouts, the role of business advertising, digital media and manipulation will be addressed. Photography, both digital and film, and image editing techniques will be introduced.

GRAPHIC ARTS 20*

Prerequisite: Graphic Arts 10 or permission of the instructor.

Students taking Graphic Arts 20 will build upon their knowledge of digital photography and image manipulation as introduced at the 10 level, and will explore the printing process, including artists' use and understanding of colour, in greater depth. Exploration of advertising and packaging will also be emphasized. .

GRAPHICS ARTS 30*

Prerequisite: Graphic Arts 20 or permission of the instructor

Graphic Arts 30 builds upon the skills used in the graphic arts and design industries as acquired at the 20 level. Students create real world projects in the areas of photography, design/layout, typography and marketing/packaging, and work towards independent projects, culminating in a web-based portfolio showcase.

GRAPHIC ARTS 20/30 YEARBOOK*:

The Graphic Arts 20/30 (Yearbook- off timetable) class covers the same concepts as the regular Graphic Arts 20/30, with a focus on the production of the school's Yearbook. Students will work with elements and principles of design, layout, typography, colour, photography, concept development and project production all as it relates to a Yearbook publication. The class will take place twice per week after school over the course of both semesters.

COMMERCIAL COOKING 10*:

The aim of commercial cooking 10 is to provide students with the knowledge and skills necessary for entry level skills in the food service industry. Emphasis will be placed on kitchen safety and sanitation, terminology and fundamental practices related

to cooking and employability skills.

FOOD STUDIES 30*

This course provides an in-depth study about food. Topics include nutrition and wellness as they relate to food choices, food preparation, cultural foods, meal planning and a healthy diet. An 8 hour food safety certification course has been incorporated into the course.

CLOTHING, TEXTILES AND FASHION 10* :

If you love Pinterest, this is the class for you! You will have the opportunity to learn basic sewing skills, design wearable art, recycle, reuse and recreate clothing and furniture. You will also work with and learn about textiles and explore a variety of creative careers such as interior design and fashion studies. If you are crafty, artsy or just keen to learn new skills this class is a perfect choice.

PAA 20 CUISINE*:

In this 20 level course students will expand on the skills learned in Commercial Cooking 10. The focus will be on introduction to garde manger and soup stations in a professional kitchen. Students will gain experience in prepping sandwiches, salads, hour d'oeuvres, stocks, sauces and soups.

PAA SURVEY A30 BAKING*:

The aim of this course is to build basic skills in the area of pastry and baking. Students will become comfortable with the tools and equipment used in the bakeshop and prepare a variety of doughs and batters both sweet and savoury.

MECHANICAL AND AUTOMOTIVE 10*

No prerequisite

Mechanical and Automotive 10 focuses on three main units: Brakes, Small motors, and Vehicle maintenance. There is a strong emphasis on hands on work in the auto shop. Students will be required to have proper clothing (coveralls or work cloths). In the shop safe work habits are encouraged, as well as accuracy for the work being done.

MECHANICAL AND AUTOMOTIVE 20*

Prerequisite: Mechanical and Automotive 10

Mechanical and Automotive 20 builds on the knowledge gained in Mechanics 10. Students will be able to work on their own vehicles if the work fits into the units being covered in class. Students are not required to have their own vehicle, a vehicle will be provided to be worked on. Students will be required to have proper clothing (coveralls and work cloths). There is strong emphasis on group work and accuracy of work.

MECHANICAL AND AUTOMOTIVE 30*

Prerequisite: Mechanical and Automotive 20

Mechanical and Automotive 30 builds on the knowledge gained in Mechanics 20. Students will be able to work on their own vehicles if the work fits into the units being covered in class. Students are not required to have their own vehicle, a vehicle will be provided to be worked on. Students will be doing more in depth procedures (Ex: Cylinder heads, timing belts). Students will be required to have proper clothing (coveralls and work cloths). There is strong emphasis on group work and accuracy of work.

WELDING 10*

Prerequisite: None

The objective of Welding 10 is to develop familiarity with the terms, tools, equipment and techniques of welding. Safety and the proper use of welding tools, materials and equipment are a priority in this class. Students learn the care of welding tools and equipment. Students will be exposed to Oxy/acetylene cutting, Oxy/acetylene, MIG and Arc welding. Students will have opportunity to practice and develop skills in these areas.

WELDING 20*

Prerequisite: Welding 10

Students in Welding 20 will review the concepts learned in Welding 10. Students will continue to develop and expand skills in Oxy/acetylene cutting, Oxy/acetylene, MIG and Arc welding. Welding 20 students begin to weld in vertical and horizontal positions, learn to set up a welding work station and use evaluation skills to judge welding workmanship.

WELDING A30*

Prerequisite: Welding 20

The Welding A30 course will further develop the welding shop skills acquired in Welding 10 and 20. There will be development of sheet metal welding and fabrication as well as a focus on project-based welding. The class will also continue the study of math applied to real world situations.

WELDING B30*

Prerequisite: Welding A30

Welding B30 continues to perfect welding skills through the fabrication and construction of welding based projects. TIG welding will be introduced at this level as well as welding aluminum.

—**CORE FRENCH, GERMAN AND SPANISH COURSES**—

FRENCH 10

Prerequisite: French 9

This course allows students to continue to build on the fundamentals with the focus on the communicative aspects of the language and on learning through interaction. As in all Core French classes, French 10 targets experiential goals and makes communicating in French a valid, realistic and enriching experience.

FRENCH 20

Prerequisite: French 10

This course uses an integrated, multi-dimensional approach to a second language learning with emphasis always on communication. Students develop their communicative skills: listening, speaking, reading, and writing through interaction and experiential learning. The course provides material and strategies to accommodate different ability levels, interest and needs and makes communicating in French a valid, realistic and enriching experience.

FRENCH 30

Prerequisite: French 20

This course explores high-interest themes relevant to the student's environment. Students are given the opportunity to integrate the four language skills as they explore each theme. By examining and using language in a purposeful way – within the context of different communicative situations – students are better able to internalize concepts and understand and assimilate language patterns. This course is designed to enable students and move from reliance upon the teacher and the course materials to the free expression of their own thoughts, feelings and opinions.

GERMAN 10*

This course is an introduction to the German language and culture. It is organized around 4 themes: introduction of self and others, family, likes and dislikes, school life, weather and countries (travel), food and restaurants. While students work through these themes, they will be developing speaking, listening, reading and writing skills. The language will be practiced through interactive activities, exercises, projects and games. Grammar will be introduced to complete the activities. Students will learn greetings, numbers, describing likes and dislikes, and expressing themselves in the present tense.

GERMAN 20

Prerequisite: German 10

This course is a follow-up to German 10. Students will continue to build on vocabulary and skills learned in German 10. It is organized around five themes: clothes and shopping, home (furniture and daily activities), movies and weekend activities, sports and hobbies, traveling. While students work through these themes, they will continue to develop speaking, listening, reading and writing skills. The language will be practiced through interactive activities, exercises, presentations, projects and games. Grammar will be introduced to complete the activities. Students will learn to express themselves in the future tense and continue to build on the grammar learned in German 10.

GERMAN 30

Prerequisite: German 20

This course is a follow up to German 20. Students will continue to build on vocabulary, grammar, and skills learned in German 20. German 30 is organized around the following themes: traveling, life in the city/country, food, occupations, driving, communication, and health. While students work through these themes, they will continue to develop speaking, listening, reading, and writing skills. The language will be practiced through interactive activities, exercises, presentations, projects, and games. Grammar will be introduced to complete the activities. Students will learn to express themselves in the past tense, using adjective and adverb comparisons, reflexive verbs, and will continue to build on the grammar learned in German 20.

SPANISH 10

This course is an introduction to the Spanish language and culture. It is organized around five themes: Family and Self, Work and School, Daily and Leisure Activities, Arts and Entertainment, and Home. While students work through these themes, they will be developing speaking, listening, reading and writing skills. The language will be practiced through interactive activities and presentations. Grammar will be introduced as necessary to complete the activities. Students will learn greetings, numbers, describing self and family members, daily schedules and activities, birthdays and age, describing likes and dislikes, and expressing themselves in the present and future tense.

SPANISH 20

Prerequisite: Spanish 10

This course is a follow up to Spanish 10. Students will continue to build on vocabulary and skills learned in Spanish 10. It is organized around five themes: Friends, Daily Activities, Health and Physical Education, Travel, and Consumerism, (spending habits, clothes). While students work through these themes, they will continue to develop speaking, listening, reading and writing skills. The language will be practiced through interactive activities and presentations. Grammar will be introduced as necessary to complete the activities. We start in the past tense focusing on communicating.

SPANISH 30

Prerequisite: Spanish 20

Students at this level will continue to build on vocabulary and other skills learned in Spanish 20. While students work through a variety of themes, they will be developing a higher level of speaking, listening, reading and writing skills. The Spanish language will be practiced through interactive activities and presentations. To enhance our program, we will also take a close look at the lifestyle of many Latin cultures.

----- FRENCH IMMERSION COURSES -----

FRANÇAIS IMMERSION 10

Prerequisite: Français 9

Listening, speaking, reading and writing are emphasized. The course is divided into composition/literature and grammar. The literature includes the print media, short stories and literary songs. Grammar includes present, past, future and conditional tenses, irregular verbs, pronouns, introduction to the subjunctive, adjective formation and gender. Students are required to deliver a speech in French.

FRANÇAIS IMMERSION 20

Prerequisite: Français 10

Emphasizing listening, speaking, reading and writing, the course is divided into literature and grammar. Literature studied includes the novel, electronic media and comics, or *photo-romans*. Grammar study covers literary tenses, levels of language and an intensive review of grammar rules. Students are required to deliver a speech in French.

FRANÇAIS IMMERSION INTÉGRÉ A 20 (May be used as a PAA credit)

Prerequisite: Français 10

This course focuses on the development of oral, written and listening skills. The language is experienced through two units. A cinema unit includes a study of the cultural dimension of film and its impact on our perception of the world. Students are introduced to the study of entrepreneurship. This unit allows students to develop a better understanding of entrepreneurial aspects where students develop a business, a product plan and use their creative ideas to develop an enterprise. The goal is to give students an opportunity to practice and improve their oral and written French.

FRANÇAIS IMMERSION 30/ SCIENCE SOCIALES 30 (dual credit yearlong course)

Prerequisite: Français 20

Français 30 / Sciences sociales 30 is taught in integration to enhance French language skills and the acquisition of historical concepts. This yearlong course will be delivered over both semesters and students will receive 2 credits in June. Through a social justice perspective, Social Studies 30 will study past developments in Canadian history and examine how they have affected the political, economic, social and cultural conditions of Canada today. Areas covered include Aboriginal peoples and European colonization, the road to Confederation, French-English relations, Canadian-American relations and the development of Canada during the 20th century. Français 30 will further develop listening, speaking, reading and writing through the study of literature, grammar, oral discussion and composition. During this integrated course, students will also reflect on the experience of learning in another language, French language speaking countries and cultures in the world, and imagine an ideal about bilingual identities in Canada.

IB Français 30 – Higher level

Prerequisite: Français immersion 20 or permission of the IB coordinator

French Language B HL course is available to French immersion students who are taking Français 30. The main focus of the course is on language acquisition and development of students' receptive, productive and interactive skills. As well, the French Language B course seeks to develop international understanding and to develop students' intercultural awareness. This course is taught in integration with the yearlong Français 30/Sciences sociales 30. IB Français 30 HL evaluation includes the following assignments:

External assessments (70%)

Paper 1 – 25 % (May 2016)

Paper 2 – 25 % (May 2016)

Written assignment – 20 % (January 2016)

Internal assessments (30%)

Individual oral exam – 20 % (March 2016)

Oral interactive exam – 10 % (March 2016)

IB external assessments dates are determined by the IB. Students are required to be in school on examination dates. Alternate dates or location are not possible.

— MATHÉMATIQUES —

MILIEU DE TRAVAIL 10 and MILIEU DE TRAVAIL 20

Prerequisite: Complete Grade 9 and Milieu de travail 10

This pathway is designed to provide students with the Mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force.

FONDEMENTS DES MATHÉMATIQUES ET PRÉ-CALCUL 10

Prerequisite: Complete Grade 9

Fondements des mathématiques – This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus.

Précalcul – This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus.

FONDEMENTS DES MATHÉMATIQUES 20

Prerequisite: Fondements des mathématiques et pré-cal 10

The topics include inductive and deductive reasoning, properties of angles and triangles, triangle trigonometry, statistical reasoning; systems of linear inequalities, quadratic functions and equations, and proportional reasoning. Students who successfully complete Foundations of Mathematics 20 have met the minimum graduation requirement for Math and may choose to proceed to Foundations of Mathematics 30.

PRÉ-CALCUL 20

Prerequisite: Fondements des mathématiques et pré-cal 10

The topics include sequences and series, trigonometry, quadratic functions and equations, radical expressions and equations, rational expressions and equations, absolute value and reciprocal functions, systems of equations and linear and quadratic inequalities. Students who successfully complete Pre-Calculus 20 have met the minimum graduation requirement for Math and may choose to proceed to Pre-Calculus 30.

PRÉ-CALCUL 30

Prerequisite: Pré-calcul 20

The topics include function transformations; radical, polynomial, rational, exponential, and logarithmic functions; the unit circle and trigonometric functions; function operations; and permutations, combinations and the Binomial Theorem. Students who successfully complete Pré-calcul 30 may choose to proceed to Calculus 30 (in English).

MIEUX-ÊTRE

MIEUX-ÊTRE 10*

Prerequisite: Complete Grade 9

Mieux-être 10 is designed in such a way that students investigate six components of wellness – physical activity, stress management, physical fitness, leisure, relationships, and healthy eating – and how these components relate directly to them as individuals. Physical activity and stress management are pursued most extensively with students designing, carrying out and evaluating action plans in these areas.

———— FINE ARTS ————

ARTS VISUELS 10*

Prerequisite: None

Students are encouraged to apply their knowledge of the elements of art and principles of design to their own work and discussions. As in previous years they explore ideas, materials, tools and techniques in order to present their ideas in a personal way. The cultural/historical (examination of art and artists from a variety of periods and cultures) creative/productive (making of art) and critical/responsive (analysis and criticism of one's own and others' art) components of the Arts Education curriculum are fundamental to the instruction of this course.

ARTS VISUELS 20*

Visual Art 20 is a continuation of the grade 10 program. As in previous years, the students explore ideas, materials, tools, techniques and present their ideas in a personal way (creative/productive). Discussion and analysis of artists' works are used to further develop student skills and knowledge (critical/responsive). An understanding of various artists, artistic styles and cultures is encouraged through research, discussion and community/gallery visits (cultural/historical).

ARTS VISUELS 30*

Students in Grade 12 explore a variety of arts expressions through the creative/productive, cultural/historical, and critical/responsive components of Arts Education. They increase their understanding of the languages and creative processes of visual art and convey their own ideas using a variety of materials, tools and techniques. An in-depth understanding of various artists, artistic styles and cultures is encouraged through discussion, research, and community/gallery visits. Throughout the class, students are challenged to interpret and analyze art works based on content found in the work.

ART DRAMATIQUE 10/20/30

The dramatic arts program presents students with the opportunity to explore and create a voice for themselves by experimenting in various scenarios and situations both individually and in group settings. Through the three components of arts education (creative/productive, critical/responsive, cultural/historical), participants will engage in numerous activities that facilitate an appreciation for dramatic performance and group collaboration, along with chances to realize the potential of the individual self.

———— PRACTICAL AND APPLIED ARTS ————

FABRICATION 10*

Prerequisite: None

The objective of Welding 10 is to develop familiarity with the terms, tools, equipment and techniques of welding. Safety and the proper use of welding tools, materials and equipment are a priority in this class. Students learn the care of welding tools and equipment. Students will be exposed to Oxy/acetylene cutting, Oxy/acetylene, MIG and Arc welding. Students will have opportunity to practice and develop skills in these areas.

FABRICATION 20*

Prerequisite: Fabrication 10

Students in Welding 20 will review the concepts learned in Welding 10. Students will continue to develop and expand skills in Oxy/acetylene cutting, Oxy/acetylene, MIG and Arc welding. Welding 20 students begin to weld in vertical and horizontal positions, learn to set up a welding work station and use evaluation skills to judge welding workmanship.

FABRICATION 30*

Prerequisite: Fabrication 20

The Welding 30 course will further develop the welding shop skills acquired in Welding 10 and 20. There will be development of sheet metal welding and fabrication as well as a focus on project-based welding. The class will also continue the study of math applied to real world situations.

———— SCIENCES HUMAINES ————

HISTOIRE 10

Prerequisite: Sciences Humaines 9

The goal of this course is to lay the foundation for understanding the modern world. Thus, the students will study of the following themes: a revision of the Middle Ages and the Renaissance, the age of Exploration, Colonial Expansion, the period of Revolutions (agricultural, industrial, French) , nationalism and imperialism.

HISTOIRE 20

Prerequisite: Science Humaines 10

This course is intended to be a general survey of key events of this century. Thus, the following topics will be presented: World War I and its consequences (Versailles Treaty), the Russian Revolution, the Great Depression of the 20's and 30's, the rise of totalitarianism, World War II, the Cold War, N.A.T.O. (North Atlantic Treaty Organization) and contemporary world problems.

———— SCIENCES ————

SCIENCES 10

Prerequisite: Science 9

The class is a general science course following the Pan Canadian Curriculum. The curriculum consists of 4 units: Sustainability of Ecosystems, Chemical Reactions, Motion in our World and Weather Dynamics. Students develop skills in mathematical reasoning, scientific investigations, forming hypotheses, drawing good conclusions, graphing and analyzing data. There is an emphasis on developing scientific literacy, which involves science-related attitudes, skills and knowledge students need to improve their inquiry and problem-solving abilities.

Text: *Omnisciences 10*