



# **Marion M. Graham Collegiate Course Selection Guide 2021-2022**



# Full STEaM Ahead!



Full STEaM Ahead! is a one semester grade 9 program where the students will explore Science, Technology, Engineering, and Mathematics in a Project -Based, Integrated approach and out of school experiences while meeting the outcomes of three required grade 9 courses:

English Language Arts 9A, Science 9 & Math 9

Does a future career in Engineering and the Technology sector appeal to you? Do you want to learn and partner with experts from the College of Engineering at the UofS, SaskPolytech, and other amazing local businesses?

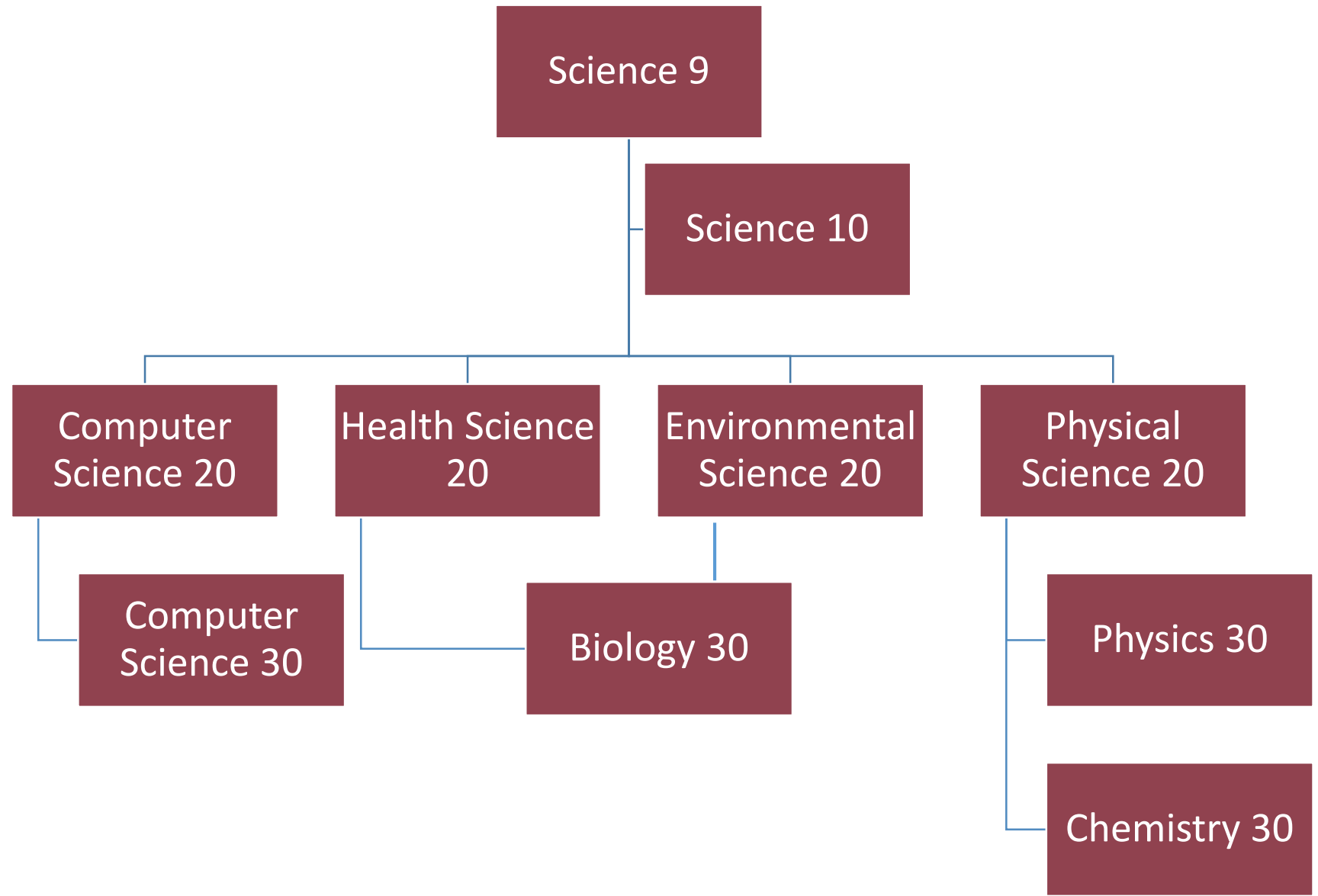
Learn how to:  
3D print, CAD, coding & circuitry

*Traditional grade 9 programming is also available*





# MGCI Science Pathway





# Course Descriptions

## Science 9 (SCI09)

This course is a general science survey course with units focusing on space, chemistry, electricity and reproduction. The connections among science, technology and society are emphasized.

## Science 10 (SCI10)

Science 10 is a foundational science course incorporating scientific inquiry, technological problem-solving, science technology, society and environment decision making, cultural perspectives to gain an understanding of basic chemistry, motion, and ecosystems. An exploration of careers in science along with a laboratory hands-on approach are used throughout the course.

## Computer Science 20 (CSC20)

*Prerequisite: SCI10*

This course focuses on the study of computational thinking and software design and will allow students to become creators of computer applications. Through hands-on activities, students will develop the fluency necessary to solve a variety of real-world problems. Several programming environments will be used throughout the course, including Scratch, Reeborg, and Python. Concepts covered include data types, looping, conditionals, functions, string manipulations, and arrays.

## Health Science (HSC20)

*Prerequisite: SCI10*

This course will challenge students to look at the health science field through hands on, holistic and analytic perspectives to provide a basis for making personal health choices. Students will also investigate the range of health science careers and post-secondary programs available in Saskatchewan.

## Environmental Science (ESC20)

*Prerequisite: SCI10*

Students will learn how to examine local and global environmental issues. They will examine the role of environmental policies and ethics on decision making as well as investigate environmental science-related careers.

## Physical Science (PSC20)

*Prerequisite: SCI10*

This course combines elements in an integrated hands-on 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 electromagnetic radiation. An over-reaching theme is the study of the enterprise of public and private science as it occurs in agriculture, industry and universities to help students better understand the physical science related career paths. Student inquiry will guide independent investigations of physical science phenomena.

## Computer Science 30 (CSC30)

*Prerequisite: CSC20*

This course will challenge students to extend their current understanding of computer science concepts, particularly through the object orientated programming paradigm. The processing language (a dialect of Java) will be used extensively through the term, which allows for impressive visuals to be created in your programs. A culminating major project will allow students to focus their study on interests (game design, productivity software, app development, robotics, etc.) towards the end of the course.

## Biology 30 (BIO30)

*Prerequisite: HSC20 or ESC20*

Students will learn how to examine the significance of evolution as a key unifying theme in biology and to explore what life is and how it changes over time. Students will examine the organization of life in all kingdoms through the study of biomolecules, cellular processes, and organism function. In genetics and biotechnology, students will explore inheritance and how information is stored, transmitted, and expressed at chromosomal and molecular levels. Student inquiry will guide independent investigations of biology related curiosities.

## Physics 30 (PHY30)

*Prerequisite: PSC20*

Core units are kinematics (the study of motion), vectors, dynamics (the study of force and motion), mechanical energy, fields and modern physics. The study of related or advanced topics is accomplished through independent, individual or group projects and labs. Learning strategies continue to emphasize problem-solving, research, and experimental skills but focus on knowledge, understanding, and application of scientific concepts and physical laws. Opportunities to integrate mathematics, technical writing and computer skills, and interdisciplinary research projects are encouraged.

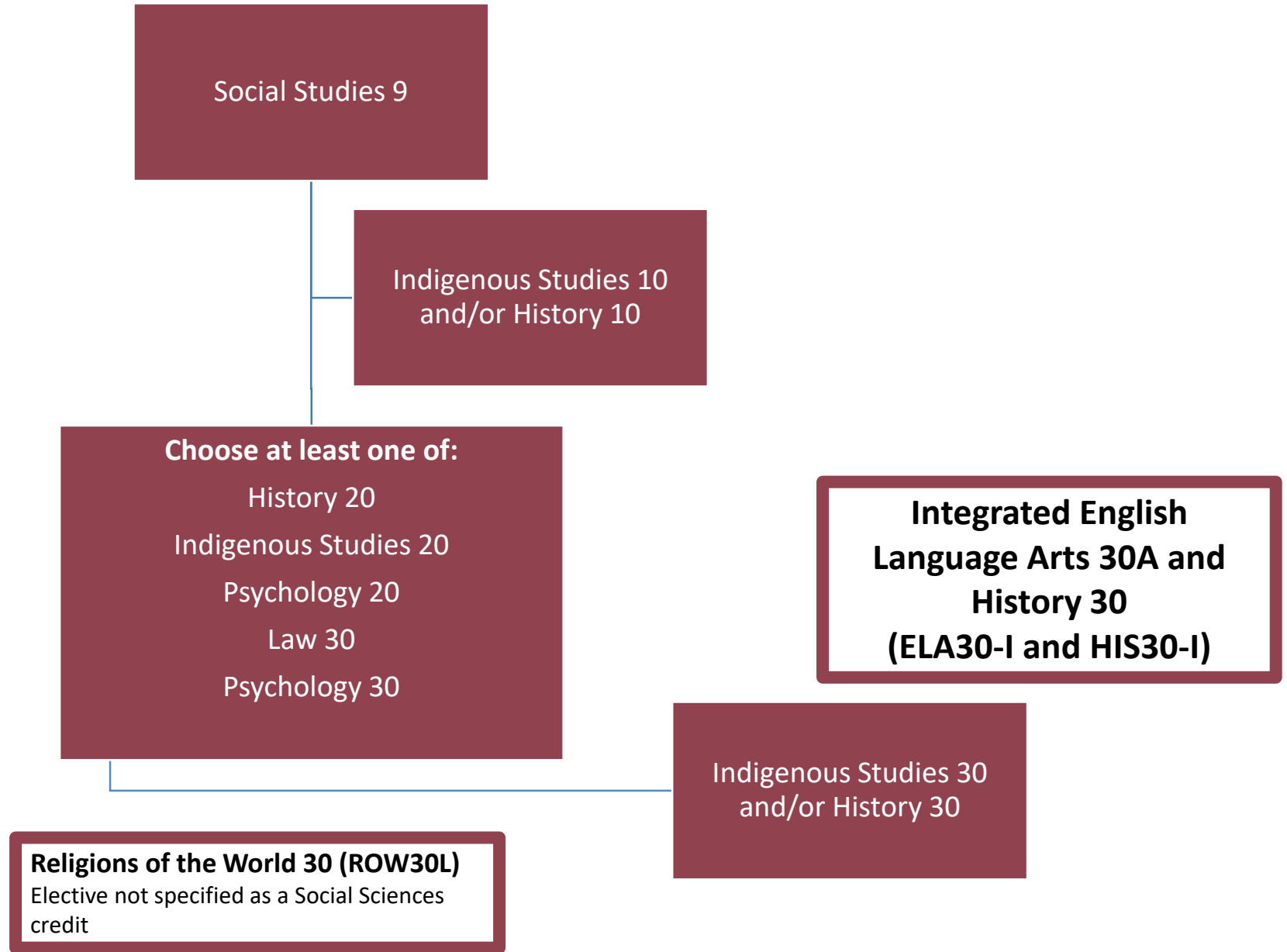
## Chemistry 30 (CHE30)

*Prerequisite: PSC20*

Topics covered in this course are a review and an extension of chemical bonding, thermochemistry, a study of reaction rates, oxidation-reduction, and the opportunity to perform many experiments.



# MGCI Social Sciences Pathway





# Course Descriptions

## **Social Studies 9 (SOC09)**

The grade 9 course is a program that studies the rise and fall of civilizations. The course is presented in a way that accommodates different learning styles. It covers history from the beginning of mankind (prehistory) to the renaissance. Students will consider how worldviews are shaped and how they are expressed when living in particular times and places. Through a variety of approaches – games, assignments, lectures, class trips, guest speakers and current events, students will develop the skills to adapt to and understand the world around them.

## **History 10 (HIS10)**

This is a continuation of the study of foundations of modern civilization. Current ideas are used to help students gain a better understanding of historical concepts.

## **Indigenous Studies 10 (NAT10)**

The aim of Indigenous Studies 10 is to help the student develop a personal and cultural awareness and understanding of Indigenous and Metis people. Stereotypes and myths surrounding Indigenous people will be challenged and reconciliation is a focus.

## **History 20 (HIS20)**

*Recommendation: HIS10*

This course is highly recommended for understanding our contemporary world and any future study of history. This course is about the 20<sup>th</sup> Century, one of the most exciting and turbulent periods in history. May be taken as the Social Science Graduation requirement.

## **Indigenous Studies 20 (NAT20)**

This course focuses on Indigenous experiences of Self-Determination and Self-Government, Development and Social Justice. This course builds on the core understandings from Indigenous Studies 10. May be taken as the Social Science Graduation requirement.

## **Psychology 20 (PSY20)**

Psychology 20 is an introduction to the study of human behavior. This class is designed to help students know themselves and the influences of their world in a very practical way. Major units of study include the nature of psychology, group dynamics, personality development, behavior learning, intelligence, conformity, stress, and mental health. May be taken as the Social Science Graduation requirement.

## **Integrated English Language Arts A30/History 30 (ELA30-I and HIS30-I)**

*Prerequisites: ELA20*

This course is a unique examination of Canada from both historical and literary viewpoints. In the past, Canadian literature has been motivated by the journey of Canadian history. This is an opportunity to study and reflect upon great literature, great Canadians, panoramic ideas and interesting moments, and trends in our nation. Blocked scheduling provides students the flexibility to experience some of the places and events that have impacted Saskatoon, Saskatchewan, and Canadian people through history.

## **History 30 (HIS30)**

Canadian Studies includes the studies of: the relationship between the people and the land, the relationship between members of society and government, Confederation and the National Policy, external and internal forces that significantly influence the well-being of the Canadian people, and the challenges and opportunities of the future.

## **Indigenous Studies 30 (NAT30)**

Indigenous Studies 30 provides an overview of Canadian History from an Aboriginal perspective. The historical roots of contemporary Aboriginal and Canadian issues will be investigated. Students will have the opportunity to gain an understanding and appreciation of how Aboriginal people have influenced and shaped the history of the Canadian Nation.

## **Law 30 (LAW30)**

The purpose of this course is to develop an awareness of the rights, responsibilities, and laws governing individuals in Canadian society. The course outlines the judicial system and deals with contract, criminal, family, human rights, property, and tort law. May be taken as the Social Science Graduation requirement.

## **Psychology 30 (PSY30)**

Psychology 30 is the study of human development across the time span of human life. Psychology 30 will address the two major themes of human development from various perspectives across the life span from conception to death. May be taken as the Social Science Graduation requirement.

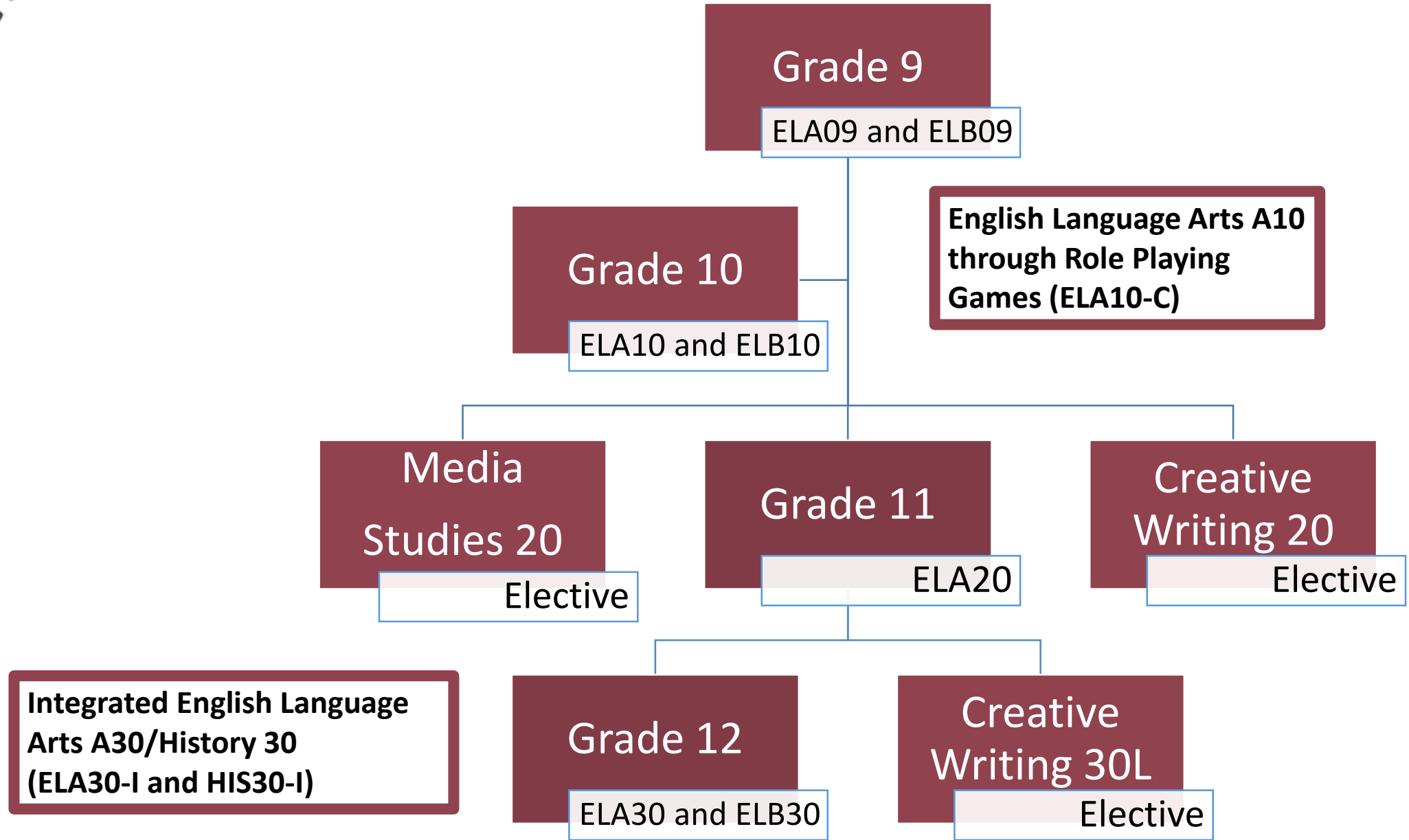
## **Religions of the World 30 (ROW30L)**

**Note: This course is an unspecified elective and while it may count as one of the 30 level credits needed for the full 24 credits for graduation, it is not eligible as a social science credit.**

The intention of this course is to give students a greater understanding and appreciation of the different faith systems around the world. It begins with an introduction to several religions through three essential questions: What is the human condition? Where are we going? How do we get there? Students will conduct a more in-depth examination of the rituals, sacred texts, beliefs, religious experiences, and ethics for some of the world's major religions including, Christianity, Judaism, Islam, Hinduism, and Buddhism.



# MGCI English Pathway





# Course Descriptions

## **Grade 9 English A (ELA09)**

This course will explore the themes of all that I am (the search for self); conflicts, challenges, issues, and choices (doing the right thing); and Indigenous and Norse narratives. Students will explore a variety of texts, including novels, stories, plays, poems, non-fiction, and visual and oral media, in order to become better readers, writers, speakers, listeners, and representors.

## **Grade 9 English B (ELB09)**

This course will explore the themes of exploring loyalty, love, and relationships; our shared linguistic and cultural roots; and surviving and conquering. Students will explore a variety of texts, including novels, stories, poems, plays (Shakespeare), non-fiction, and visual and oral media, in order to become better readers, writers, speakers, listeners, and representors.

## **Grade 10 English A (ELA10)**

This course will explore two main themes: the challenges of life, and the mysteries of life. Students will explore a variety of texts, including novels, stories, plays, poems, non-fiction, and visual and oral media, in order to become better readers, writers, speakers, listeners, and representors.

## **English Language Arts A10 through Role Playing Games (ELA10-C)**

Collaboration, teamwork, reading, writing, and gaming are combined in this English course. Through role playing games like Dungeons & Dragons, students will create stories, explore literary themes, and collaborate to solve unique problems and face challenges in an unparalleled landscape: the collective imagination. Prepare to learn through an experience that has been described as “cross-training for the mind”. This unique course is an alternative way to take English A 10. **A fee of approximately \$10.00 is charged.**

## **Grade 10 English B (ELB10)**

This course will explore two main themes: equity and ethics, and the world around and within us. Students will explore a variety of texts, including novels, stories, poems, plays (Shakespeare), non-fiction, and visual and oral media, in order to become better readers, writers, speakers, listeners, and representors.

## **Grade 11 English (ELA20)**

*Prerequisite: ELA10 and ELB10*

This course will explore two main themes: starting out (beginning and becoming) and moving forward (establishing and realizing). Students will explore a variety of texts, including novels, stories, plays, poems, non-fiction, and visual and oral media, in order to become better readers, writers, speakers, listeners, and representors.

## **Media Studies 20 (ELM20)**

*Prerequisite: ELA10 or ELB10*

Coke or Pepsi? Disney or Netflix? Facebook or Snapchat? The learning goal of Media Studies is to make you more aware of the media around you, understand how it influences people, and ultimately how to navigate through the ever-evolving media landscape. This course will teach you to question the digital world around you (Media Studies contains no artificial colours, flavours, or preservatives).

## **Creative Writing 20 (ELW20)**

*Prerequisite: ELA10 or ELB10*

Creative sparks will be ignited and will bloom in Creative Writing 20. Explore the power of the written word through writing poetry, short stories, and plays. This is a chance to develop skills, collaborate, and share your creative vision.

## **Grade 12 English A (ELA30)**

*Prerequisite: ELA20*

This course will explore two main themes: Canadian perspectives (distinct and rich), and Canadian landscapes (diverse and dynamic). Students will explore a variety of First Nations, Metis, Saskatchewan, and Canadian texts, including novels, stories, plays, poems, non-fiction, and visual and oral media; in order to become better readers, writers, speakers, listeners, and representors.

## **Grade 12 English B (ELB30)**

*Prerequisite: ELA20*

This course will explore two main themes: the search for self, and the social experience. Students will explore a variety of international, including Indigenous, texts, including novels, stories, poems, plays (Shakespeare), non-fiction, and visual and oral media, in order to become better readers, writers, speakers, listeners, and representors.

## **Integrated English Language Arts A30/History 30 (ELA30-I and HIS30-I)**

*Prerequisites: ELA20*

*Recommended: HIS10*

This course is a unique examination of Canada from both historical and literary viewpoints. In the past, Canadian literature has been motivated by the journey of Canadian history. This is an opportunity to study and reflect upon great literature, great Canadians, panoramic ideas and interesting moments, and trends in our nation. Blocked scheduling provides students the flexibility to experience some of the places and events that have impacted Saskatoon, Saskatchewan, and Canadian people through history.

## **Creative Writing 30L (CRW30)**

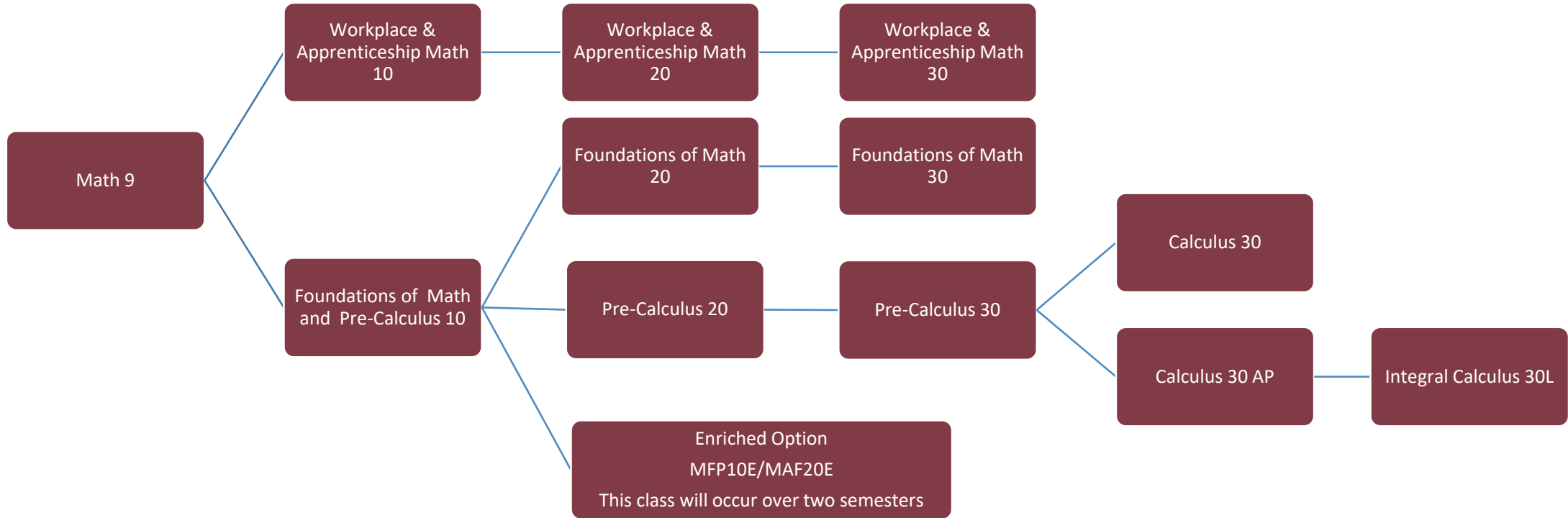
*Prerequisite: ELA20*

Creative Writing 30 sharpens the creative writer. Explore the intricacies of plot, setting, and character as we build short stories, experiment with styles and forms of poetry, and expand your writing repertoire to the world of screenplays and television.

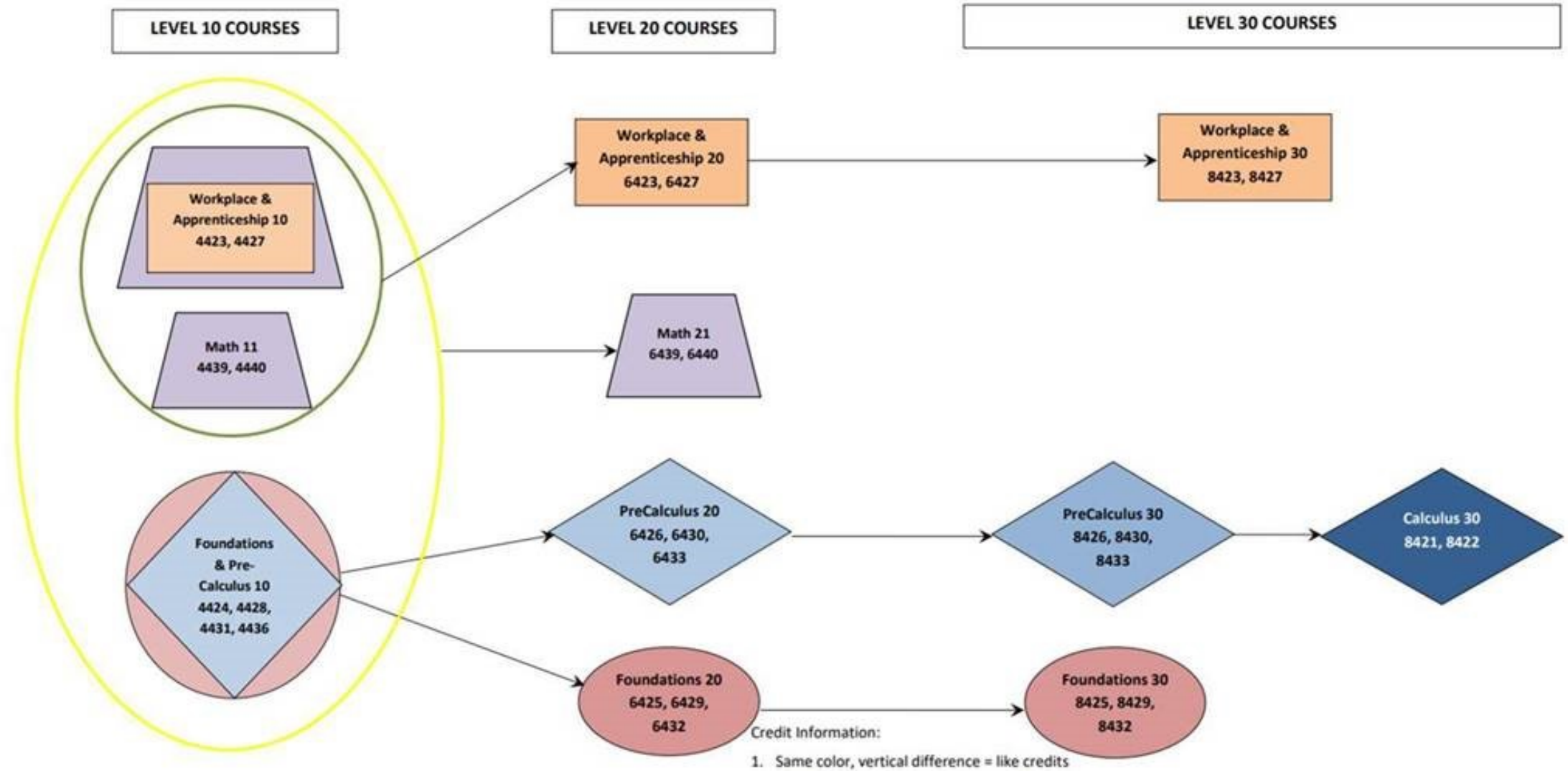




# MGCI Math Pathway



## Appendix D Secondary Mathematics Pathways





# Course Descriptions

## **Math 9 (MTH09)**

Math 9 is a year-long course where students will explore a wide array of topics: number sense, integers, rational numbers, percent, equations, problem solving, data management, probability, polynomials, scientific notation, factoring, geometry, and measurement. This class is for students who have good foundational math skills and grasp concepts after instruction, multiple examples, and typical practice. Students will be taught by the same teacher all year and will learn math with the incorporation of computers and commerce applications.

## **Workplace & Apprenticeship Math 10 (MWA10)**

This course is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into post-secondary programs in trades and technology, and for direct entry into the work force. Topics include measurement, trigonometry, geometry, consumer math, and algebra.

## **Foundations of Math and Pre-Calculus 10 (MFP10)**

This course is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into post-secondary programs. Topics include measurement, trigonometry, exponents, polynomials, factoring, irrational numbers, relations, and functions.

## **Workplace & Apprenticeship 20 (MWA20)**

*Prerequisite: MWA10*

This course is designed to provide students with the mathematical understanding and critical thinking skills identified for the entry into the majority of trades and for direct entry into the work force. Topics include slope, graphical representations, geometry, trigonometry, scale representations, and financial mathematics.

## **Foundations of Math 20 (MAF20)**

*Prerequisite: MFP10*

This course provides students with the mathematical understandings and critical thinking skills that are identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include logical reasoning, proportional reasoning, geometry, trigonometry, algebra, and statistics.

## **Math Pre-Calculus 20 (MPC20)**

*Prerequisite: MFP10*

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. It is strongly recommended that Foundations of Math 20 be taken before this course. Topics include expressions, equations, and functions (including quadratic, radical, rational, and absolute value functions), inequalities, patterns, and trigonometry.

## **Enriched Option (MFP10E/MAF20E)**

This yearlong, enriched math class will teach the curricular outcomes of Foundations and Pre-calculus 10 and Foundations 20. In addition to learning the curricular content of the courses, students will spend time improving their problem-solving, logic and reasoning, communication, and justification skills. *In order to enroll in this class, you must receive recommendation from your Math 9 Teacher.*

## **Workplace & Apprenticeship Math 30 (MWA30)**

*Prerequisite: MWA20*

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for the entry into the majority of trades and for direct entry into the work force. Topics include trigonometry, measurement, transformations, logical reasoning, measures of central tendency, linear relations, probability, business and financial mathematics.

## **Foundations of Math 30 (MAF30)**

*Prerequisite: MAF20*

This course 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. Topics include financial decision making, logical reasoning, counting principles, set theory, probability, and function characteristics and regressions for polynomial, logarithmic, exponential, and sinusoidal functions.

## **Math Pre-Calculus 30 (MPC30)**

*Prerequisite: MPC20*

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. Topics include: the unit circle, trigonometric functions, trigonometric equations and identities, logarithmic and exponential functions and equations, counting principles, transformations and composition of functions, radical functions, rational functions, and polynomial functions.

## **Calculus 30 (CAL30)**

*Prerequisite: MPC30*

This course is designed to provide students with the mathematical understanding and critical thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include algebraic, transcendental and piecewise functions, rational expressions, inequalities (including absolute value), limits, differentiation and integration.

## **Integral Calculus 30 (CAL30I)**

*Prerequisite: MPC30*

Integral Calculus is designed to challenge motivated and mathematically able students and to prepare them for the rigors of post-secondary mathematics. Students will explore more advanced Calculus topics than those that are studied in Calculus 30 and will thereby consolidate and strengthen their algebraic and calculus understanding and skills.

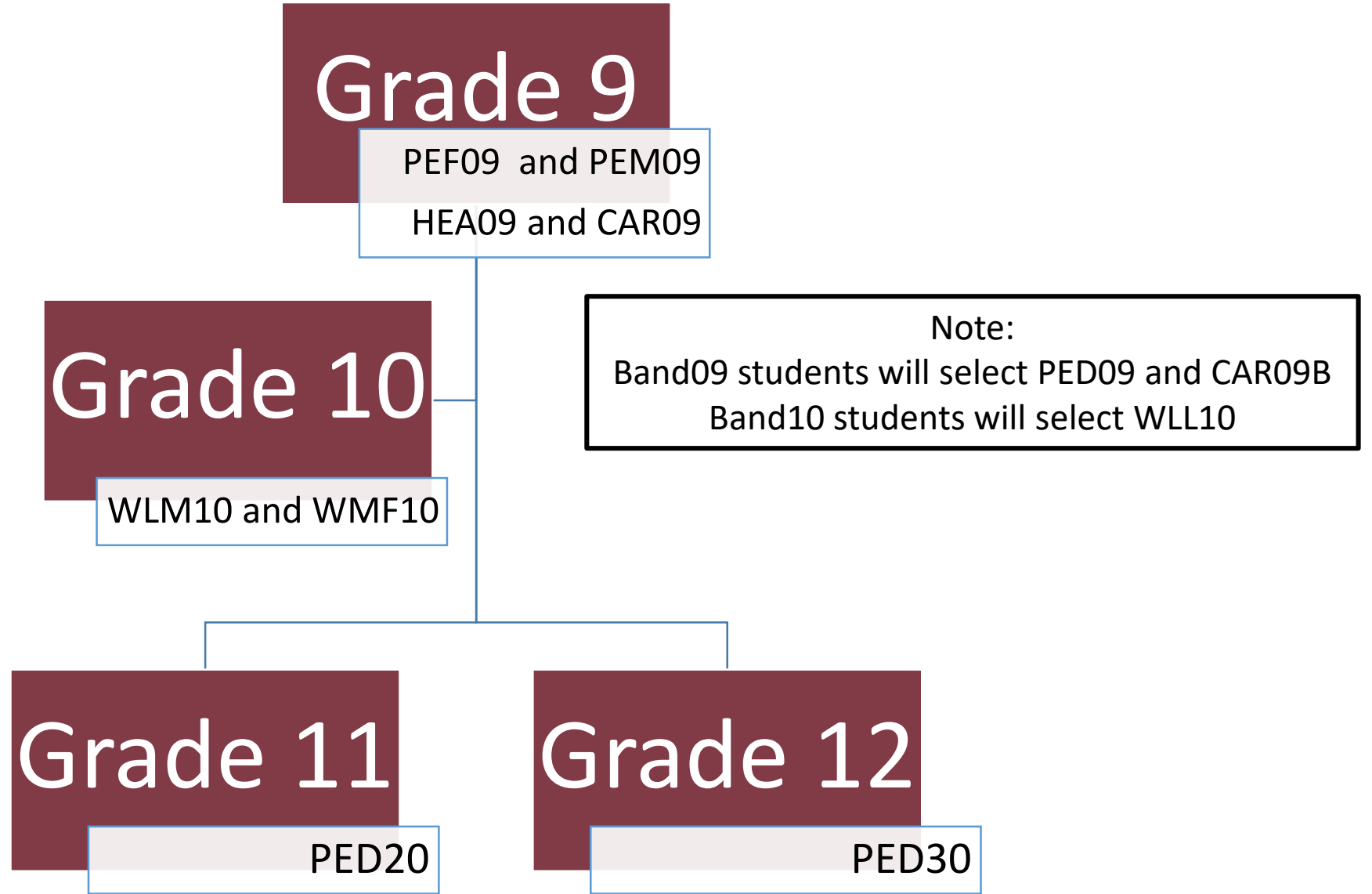
## **Calculus 30AP (CAL30PI)**

*Prerequisite: MPC30*

This is an advanced placement course. This challenging university-level course prepares students to write the 3 ½ hour internationally recognized AP Calculus exam in early May. Students must register concurrently in Integral Calculus and Math Pre-Calculus 30.



# Physical Education





# Course Descriptions

## **Physical Education 9 (PEF09/PEM09)**

Grade 9 Physical Education is a non-semestered class that will focus on team and individual activities. Physical Education will be evaluated using a letter system (N – not meeting, B – beginning to meet, M – meeting, E – Exceeding). **Approximate class fee of \$30 plus \$6 for a lock.**

## **Health Education 9 (HEA09)**

This class will develop the understanding and skills necessary to take action to improve health, help to make informed decisions based on health-related knowledge, and apply decisions that will improve personal health and/or the health of others. Health Education will be evaluated using a letter system (N – not meeting, B – beginning to meet, M – meeting, E – Exceeding).

## **Career Education 9 (CAR09)**

This class focuses on personal and career development. Students will investigate personal growth necessary for future careers, connect their learning with the community, and develop life and work plans based on their preferred future. Students will have opportunities to explore career options and their interests and abilities. Career Education will be evaluated using a letter system (N – not meeting, B – beginning to meet, M – meeting, E – Exceeding).

## **Wellness 10 (WLM10/WLF10)**

In Wellness 10, students acquire the knowledge, skills, and confidence needed to take action towards a healthy active lifestyle.

## **Physical Education 20 (PED20)**

*Pre-requisite: WLF10/WLM10*

Physical Education 20 will emphasize the importance of lifelong activity. Many sports and activities will be introduced to students, including many field trips to different sport and fitness venues. Students will be expected to give up part of their noon hours to accommodate travel time to and from out-of-school facilities. There is a leadership component to the PED20 class that requires students to be involved in volunteer activities. **A fee of approximately \$120 is charged to cover the costs of facility rentals.**

## **Physical Education 30 (PED30)**

*Pre-requisite: WLF10/WLM10*

Physical Education 30 will emphasize the importance of lifelong activity. Students will be involved in the process of selecting what sports and activities their class would be most interested in experiencing. Students will be expected to give up part of their noon hours to accommodate travel time to and from out-of-school facilities. There is a leadership component to the PED30 class that requires students to be involved in volunteer activities. **A fee of approximately \$120 is charged to cover the costs of facility rentals.**



## **Band 9 (BAN09-N)**

This course focuses on the continued development of musicianship through instrumental performance of quality band repertoire, technical studies, and listening to/viewing and analysis of appropriate models. Band 9 students are expected to perform with the Junior concert band which performs at concerts and school functions through the year. Private practice outside of class is an expectation in order to ensure success.

**Approximate class fee of \$20.**

## **Choir 9 (CHO09-N)**

This course introduces students to the fundamentals of choral singing by developing vocal technique, musical literacy, ear training, and listening skills. Students explore a diverse selection of choral repertoire representing numerous styles of music, historical periods, cultures, and languages. The program is chiefly participatory, making regular attendance at rehearsals and performances very important. The class meets before school at 7:40 a.m. Tuesday and Thursday's in addition to one day a week during the noon hour.

## **Band 10 (BAN10-N)**

A continuation of Band 9. This course focuses on the development of musicianship through performance of quality band repertoire and technical studies. Band 10 students are expected to perform in the Junior concert band which performs at concerts and school functions throughout the year. Private practice outside of class is an expectation in order to ensure success. **Approximate class fee of \$20.**

## **Choral 10 (CHO10-N)**

This course introduces students to the fundamentals of choral singing by developing vocal technique, musical literacy, ear training and listening skills. Students explore a diverse selection of choral repertoire representing numerous styles of music, historical periods, cultures, and languages. The program is chiefly participatory, making regular attendance at rehearsals and performances very important. The class meets before school at 7:40 a.m. Tuesday and Thursday's in addition to one day a week during the noon hour.

## **Drama 10 (DRA10G) Musical Theatre**

This is a project-based course in which students will receive a credit for Drama 10. Among projects in this course, students will perform a musical theatre production. This course requires a considerable amount of rehearsal outside of class time; therefore, students must recognize that a high level of commitment is required throughout the semester. Students will develop their skills in acting, singing, and dancing.

**Approximate class fee of \$15.**

## **Band 20 (BAN20-N)**

This course is a continuation of Band 10. Band 20 students are expected to perform with the Senior concert band which performs frequently at concerts and school functions throughout the year. This class meets before school on Monday, Wednesday and Friday at 7:30 a.m. Private practice outside of class is an expectation.

**Approximate class fee of \$20.**

## **Choral 20 (CHO20-N)**

This course introduces students to the fundamentals of choral singing by developing vocal technique, musical literacy, ear training, and listening skills. Students explore a diverse selection of choral repertoire representing numerous styles of music, historical periods, cultures, and languages. The program is chiefly participatory, making regular attendance at rehearsals and performances very important. The class meets before school at 7:40 a.m. Tuesday and Thursday's in addition to one day a week during the noon hour.

## **Drama 20 (DRA20G) Musical Theatre**

This is a project-based course in which students will receive a credit for Drama 20. Among projects in this course, students will perform a musical theatre production. This course requires a considerable amount of rehearsal outside of class time; therefore, students must recognize that a high level of commitment is required throughout the semester. Students will develop their skills in acting, singing, and dance.

**Approximate class fee of \$15.**

## **Band 30 (BAN30-N)**

This course is a continuation of Band 20. This course focuses on the continued development of musicianship through instrumental performance of quality band repertoire, technical studies, listening to, viewing and analysis of appropriate models. Band 30 students are expected to perform with the Senior concert which performs at concerts and school functions. This class meets before school on Monday, Wednesday, and Friday at 7:30 a.m. Private practice is an expectation to ensure success. **Approximate class fee of \$20.**

## **Choral 30 (CHO30-N)**

This course introduces students to the fundamentals of choral singing by developing vocal technique, musical literacy, ear training, and listening skills. Students explore a diverse selection of choral repertoire representing numerous styles of music, historical periods, cultures, and languages. The program is chiefly participatory, making regular attendance at rehearsals and performances very important. The class meets before school at 7:40 a.m. Tuesday and Thursday's in addition to one day a week during the noon hour.

## **Drama 30 (DRA30G) Musical Theatre**

This is a project-based course in which students will receive a credit for Drama 20 or Drama 30. Among projects in this course, students will perform a musical theatre production. Students will have the opportunity to develop their skills in acting, singing, and dancing. This course requires a considerable amount of rehearsal outside of class time; therefore, students must recognize that a high level of commitment is required throughout the semester. **Approximate class fee of \$15.**



# Arts

## Guitar 10 (GUI10L)

This is an introductory course that includes classical and folk guitar styles as a soloist and in duets, chording, note reading, theory, and ear training. This course is designed for students with no previous experience on the guitar.

*\*This course does not meet one of the Arts Education requirements.*

## Visual Art 10 (VAR10)

**Note: Credit can be earned for only ONE of VAR10 and VAR10S**

This course is based on the drawing systems studied in Arts Ed 9 with emphasis on continuing drawing. Students will continue to develop self-expression and technical skills through a variety of media including pencil, conte, and paint.

**Approximate class fee of \$30.**

## Pre-AP Visual Art 10 (VAR10S)

**Note: Credit can be earned for only ONE of VAR10 and VAR10S**

Artistically advanced students who have completed the Arts Ed course (or permission of instructor) are invited with the intention of taking Visual Art 20S and Advanced Placement Studio Art 30 in order to develop a portfolio of work for submission to the College Board. Emphasis will be placed on establishing an understanding of the AP Studio Art requirements. **Approximate class fee of \$50.**

## Dance 10 (DAN10)

In this course, students will explore a wide variety of dance forms in order to develop an increased awareness of the range of dance styles. This course is for all levels of dancers.

**Approximate class fee of \$15.**

## Guitar 20 (GUI20L)

This class is a continuation of Guitar 10. This intermediate course includes classical and blues guitar styles, ensembles, solos, chording, note reading, theory, and ear training. This course is designed for students with some previous experience on the guitar. Since a major component of this course will involve independent study, students in this class should be self-motivated.

*\*This course does not meet one of the Arts Education requirements.*

## Instrumental Jazz 20 (JAZ20)

Instrumental Jazz 20 is designed for students to explore the craft of improvisation which is at the heart of jazz. This course is open to Grade 11 and 12 students who are concurrently enrolled in band. Guitarists/vocalists may participate subject to an audition/interview with the instructor.

## Visual Art 20 (VAR20)

**Note: Credit can be earned for only ONE of VAR20 and VAR20S**

This course features the introduction of more advanced techniques. Units in colored pencil renderings and acrylics will be studied. Students will continue to build on previous artistic experience in a variety of two- and three-dimensional formats. **Approximate class fee of \$30.**

## Pre-AP Visual Art 20 (VAR20S)

**Note: Credit can be earned for only ONE of VAR20 and VAR20S**

Emphasis will be placed on establishing an understanding of the AP Studio Art requirements. Those students who have completed Visual Art 10 course and intend on taking Advanced Placement Studio Art 30 to develop their portfolio of work for submission to the College Board. **Approximate class fee of \$50.**

## Dance 20 (DAN20)

This course builds on skills and knowledge taught in grades 9 and 10. It is an exploration of the technique, theory, and performance of a wide variety of dance forms. Students will work individually and in cooperative groups in their study of dance. This course is for all levels of dancers. **Approximate class fee of \$15.**

## Guitar 30 (GUI30L)

This class is a continuation of Guitar 20. This advanced course includes classical and jazz guitar styles, ensembles, solos, chording, note reading, theory, and ear training. This course is designed for students who already possess a command of basic guitar technique. Since a major component of this course will involve independent study, students in this class should be self-motivated.

*\*This course does not meet one of the Arts Education requirements.*

## Instrumental Jazz 30 (JAZ30)

Instrumental Jazz 30 is a continuation of Instrumental Jazz 20 with increased emphasis on performance. The goal is to create independent jazz musicians involved in a lifelong learning aimed at creating quality performances of standard jazz repertoire.

## Visual Art 30 (VAR30)

**Note: Credit can be earned for only ONE of VAR30 and VAR30L**

Since most students have an in-depth background and understanding of the principles, elements, techniques, and various media; projects will now be more challenging and individually driven. This course will advance students visual art and design repertoire.

**Approximate class fee of \$30.**

## Advanced Placement Drawing (VAR30P)

Highly motivated students will compile a portfolio in one of the following areas: drawing, 2D design, or 3D design. In addition to instructor assessment, the portfolio will be graded at an external evaluation in May by the College Board. Life drawing, guest artist, field trips, and a final exhibition will be highlights of this course.

**Approximate class fee of \$80.**

## Visual Art 30L – Studio Art (VAR30L)

This semester two course is designed to meet the needs of Advanced Placement students who are completing a portfolio for submission to the College Board in May. Students will be completing the Concentration section of their portfolios, organizing the final exhibition, and creating their own portfolio/website.

**Approximate class fee of \$40.**

## Dance 30 (DAN30)

This course builds on skills and knowledge taught in grade 9, 10 and 11. It is an exploration of techniques, theory, and performance of a wide variety of dance forms. This course is for all levels of dancers. **Approximate class fee of \$15.**



# Practical and Applied Arts

## **Arts Education 9 (ARE09)**

Students will be exposed to the four strands of arts education - Music, Dance, Drama, and Art.

## **Practical and Applied Arts 9 (PAA09)**

This is an introductory course which enables students to experience four Practical and Applied Arts Areas: Drafting, Woodworking, Clothing, and Food Studies. Students will spend approximately four weeks in each component. Drafting is a combination of sketching and CAD with an emphasis on orthographic, isometric, and oblique projections and scaling. Woodworking includes hand tool use, power tool operations, and an introduction to the wood lathe. Students will complete one major project and possibly some smaller ones if time permits. Clothing includes learning to operate a sewing machine and the study of basic techniques in clothing construction. Projects will include samples and pajama pants. Students are responsible for the purchase of the sewing supplies for this course. Food Studies include preparing a variety of foods utilizing the principles of Canada's Food Guide. **Approximate class fee of \$30.**

## **Drafting and CAD 10 (DRF10)**

This course is an introduction to the field of drafting. Both mechanical and Computer Assisted Drafting (CAD) will be used. Each student will complete a design project. Students planning on entering engineering, architectural or design schools are encouraged to take this course as AutoCAD is a requirement for these courses.

## **Digital Media 10 (PAA10)**

This course brings together components of photography, graphic design, and video production with a focus on the creation of digital media.

## **Construction & Carpentry 10 (CAC10)**

Instruction is given to the use of tools used within a wood working shop. Hand tools, both manual and power, will be introduced with the intent of knowing when each tool is a viable option for the task at hand and how to safely operate each. Larger stationary power tools within a wood working shop are also introduced and the safe operation of each will be a focus. Projects are assigned that will require students to read blueprints, follow instructions, and problem solve. Recognizing what tools are for which job and using them correctly is a major focus of this course. **Approximate class fee of \$75.**

## **Food Studies 10 (FOO10)**

This course provides students with an opportunity to study food preparation for a full semester. Students will study a variety of modules including baking basics, safety and knife skills, Canada's Food Guide, Food and nutrition, grains, vegetables and fruit, snacks, milk and dairy, yeast breads and breakfast. Students will use these modules to create nutritious and delicious meals. Each student will decorate a cake to take home and earn their Food Safe certificate!! **Approximate class fee of \$35.00**

## **Clothing, Textiles, and Fashion 10 (CLO10)**

This course provides students with an opportunity to sew for a full semester. Students will gain a basic knowledge of sewing techniques and skills while examining a variety of fabrics. Sewing basics will be covered by completing a variety of projects that could include samples, apron, hoodie, mitts, pillow or one of their choosing depending on skill level. Students are responsible for the purchase of supplies for their sewing projects. **Approximate class fee of \$25.00**

## **Robotics and Automation 10 (RBA10)**

This course focuses on the design, construction, operation and use of autonomous and/or radio-controlled robotic devices, as well as the computer systems necessary for their control, sensory feedback and information processing. Through project-based learning, design thinking, and inquiry learning, students will explore the processes and skills needed to design and fabricate physical devices that they will control or automate. Students are able to explore wearable technologies, automation, mobile robotics and animatronics as well as traditional robotic devices. In addition, students will also develop the computational thinking and coding skills necessary to control their robotic or automated devices.

## **Drafting and CAD 20 (DRF20)**

*Highly Recommended: DRF10*

Intermediate drafting skills are developed using CAD. Topics covered include auxiliary views, pattern development, dimensioning, fasteners, detailed and assemble working drawings, and residential house designs.

## **Photography 20 (PHO20)**

This hands-on course looks at difference camera types and makes use of basic and intermediate camera controls. Students will investigate different photographic terms, styles and compositional elements.

## **Life Transitions 20 (LTR20)**

Life Transitions 20 is a course that deals with the major changes encountered in a student's personal life, relationships, community, and career planning. Today, it is essential that young people are able to cope effectively with change. Some of the topics covered are self-esteem, human sexuality, communication, personal relationships, time management, community issues, and careers.

## **Construction & Carpentry 20 (CAC20)**

*Pre-requisite: CAC10*

Instruction is given to the use of tools used within a wood working shop. Hand tools, both manual and power, will be introduced with the intent of knowing when each tool is a viable option for the task at hand and how to safely operate each. Larger stationary power tools within a wood working shop will also be introduced, and the safe operation of each will be a focus. Projects are assigned that will require students to read blueprints, follow instructions, and problem solve. In addition, this course will focus on recognizing what tools are for which job and using those tools correctly, using time efficiently, and slightly modifying/personalizing blueprint(s). **Approximate class fee of \$75.**

## **Food Studies 30 (FOO30)**

This course provides students with an opportunity to look deeper into the food they eat. Students will compare processed food to homemade foods and examine additives, preservation and nutrition. Students will study a variety of modules including food sustainability, stocks and soups, international cuisine, entertaining with foods, salads, sandwiches, protein, preservation, additives and creative baking!! Students will use these modules to help plan, prepare and serve appetizing meals! **Approximate class fee of \$45.00**

## **Clothing, Textiles, and Fashion 30 (CLO30)**

This is an advanced sewing class. Students complete a variety of sewing projects including mittens, a stuffed animal, holiday decorations, quilt and projects of their own choosing. Students will create a Pinterest account and create projects using it. An awareness of clothing, textiles and fashion in our daily lives will be covered. Students are responsible for the purchase of supplies for their sewing projects. **Approximate class fee of \$25.**





# Practical and Applied Arts

## **Drafting and CAD 30 (DRF30)**

*Recommended: DRF20*

Advanced drafting skills are developed using CAD extensively. Topics covered include perspectives, dimensioning, and architectural drafting. Each student will complete a set of presentation drawings for a single-story residence. A model will be created for the design.

## **Construction & Carpentry 30 (CAC30)**

*Pre-requisite: CAC20*

Instruction is given to the use of tools used within a wood working shop. Hand tools, both manual and power, will be introduced with the intent of knowing when each tool is a viable option for the task at hand and how to safely operate each. Larger stationary power tools within a wood working shop will also be introduced, and the safe operation of each will be a focus. Projects are assigned that will require students to read blueprints, follow instructions, and problem solve. In addition, this course will focus on recognizing what tools are for which job and using those tools correctly, using time efficiently and slightly modifying/personalizing blueprint(s). Students will also be required to design a project that they will construct.

*Approximate class fee of \$75.*

## **Entrepreneurship 30 (ENT30)**

This course will provide students with opportunities to acquire knowledge and develop skills necessary to plan and begin a venture, as well as appreciate the role that entrepreneurs play in our society and economy. Get your Dragon's Den/Shark Tank ideas ready to go!

## **Interior Design 30 (INT30)**

This course is for the student who is interested in the creative elements of design and home interiors. Students will learn how to read and draw floor plans. Areas of study may include furniture, lighting, color, and design presentation. *Approximate class fee of \$30.*

## **Photography 30 (PHO30)**

This class builds on skills developed in Photography 20 and makes use of the more advanced camera controls. Students will also investigate the business side of photography

## **Life Transitions 30 (LTR30)**

This course deals with the major changes encountered throughout life in the family, in health care, and in the workplace. Topics covered include conflict, reproductive health, marriage, parenting, money management, independent living, and career planning.

## **Career and Work Exploration CWE10, CWE20, CWA30, CWB30**

Career and Work Exploration provides an opportunity for students to explore their career interests in a very practical manner. Students will complete at least two work placements based on their personal preferences. They will work during the afternoons for 3-3.5 hours for approximately 2 five-week periods. This course gives the student the crucial practical work experience that employers are looking for.

**Please contact Student  
Services for more information  
on application Bootcamps  
offered through SIEC.  
They may include:**

- Automotive Skills
- Culinary Skills
- Hairstyling and Esthetics
- GameOn! Skills
- Masonry
- 3D Printing with CAD/CAM



# Other Electives

## Dual Credit Courses

There are **two types** of Dual Credit Courses available to high school students:

1. The first involves a **wide variety of courses** which high school students can take that are offered by post-secondary institutions (University of Saskatchewan, University of Regina, and Saskatchewan PolyTechnic). Dual credit means you earn **both** high school credit **and** credit towards post-secondary by taking one course. For example, students can register to take a first-year Commerce class which also counts as the high school **"Introduction to Business 30L"** course. This is a great way to get a better idea of what is involved in pursuing a particular post-secondary program. It may also reduce your workload for when you are in post-secondary. These courses are offered by Distance Education (usually online) and require a significant amount of self-direction and independent study. Students are responsible for paying their own tuition and fees for these courses.
2. The second type of Dual Credit is for students who take courses outside of school through organizations other than post-secondary institutions. Common ones include: the Royal Conservatory of Music, the Lifesaving Society of Canada (Saskatchewan Branch), and Saskatchewan Volleyball. Upon production of the certificates of completion, students obtain high school credits such as: **Music 10, 20 or 30 RC** (Royal Conservatory of Music Programming), **Lifeguard 30L** (National Lifeguard Award) or **Volleyball L2 30L** (Saskatchewan Volleyball Referee Credit Program Level 2 Referee).

More information about either opportunity is available in Student Services.

## Special Project 10 (SPE10) Special Project 20 (SPE20) Special Project 30 (SPE 30)

Special Project 10, 20 and 30 Credit options are an opportunity for you to receive credit recognition for self-directed learning outside the parameters of established curricula in the province of Saskatchewan. The Special Project Credit may be used to fulfill elective requirements for graduation. The project proposal must be in place and approved prior to the student beginning the project. Each project shall be based on at least 100 hours of work.

## Apprenticeship A20 and B20 (APA20 and APB20) Apprenticeship A30 and B30 (APA30 and APB30)

Students (ages 16 and older) employed under the supervision of a journeyperson in a designated trade may earn up to four secondary level Apprenticeship credits (A20, B20, A30, and B30) based on work proposed and completed by the student. Only students who have paid employment in a trade are eligible for Apprenticeship credits. Each credit is based on 100 hours of work which can be completed outside of the school day (e.g. after school, weekends, etc.). **NOTE: A separate credit application is required for these courses and can be picked up in Student Services. The credit application must be finalized and approved prior to beginning the course hours.**

Students may begin these courses at any time during the school year – not only at the beginning of each semester.

Registration for these courses is **separate** from the regular course selection process. See your counsellor for more details.



# Other Electives

## Grade 9

Art Ed 9, English 9 A&B, Math 9, Math Plus 9, Practical & Applied Arts 9, Phys Ed 9, Science 9 and Social Studies 9

## Grades 10-12

### English

English 10A, 10B, 20, 30A, & 30B

### Math

Foundations & Pre-Calculus 10, Workplace Apprentice

Foundations 20, Workplace Apprentice 20, Pre-Calculus 20, Mathematiques Pre-Calculus 20 (French)

Foundations 30, Workplace Apprentice 30, Pre-Calculus 30, Calculus 30

### Science –

Science 10

Environmental Science 20, Health Science 20, Physical Science 20, Computer Science 20

Biology 30, Chemistry 30, Computer Science 30 & Physics 30

**Social Sciences** – History 10, 20 & 30, History 10 (French), Indigenous Studies 30

### Electives

Accounting 10, 20 & 30

Communication Media 20 & 30 or Communication Media 20 & 30 (French)

Creative Writing 20 & 30

French 10, 20 & 30; German 10, 20 & 30

Geography 30

Information Processing 10

Journalism 20

Law 30

Life Transitions 30

Photography 10 & 20

Psychology 30

Visual Art 10 & 30

Wellness 10

**As a Saskatoon Public School student, you are welcome to meet with a guidance counsellor at your home school to discuss including an online class to your timetable!**

*Proudly offered by Saskatoon Public Schools*



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Access 24 hours/day, 7 days/week

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French immersion options available

Easy access to your teacher by phone, e-mail, or in person

**Please visit our website for more information:**

<http://olc.spsd.sk.ca>



# Non-Credit Courses

## **Resource (RESX/RE2X)**

Prerequisite: Permission to take Resource is by consultation with Student Services and the Resource teacher. The Resource program is designed to provide support to students in Grades 9-12. Students receive support in their core academic classes required for graduation through organizational and time management skills, study methods, and exam writing, with the goal to become independent learners. Specific learning concepts and strategies are taught to enhance a student's success. Additional supports are offered to assist students with social skills and their overall well-being. Resource teachers work collaboratively with classroom teachers to differentiate the content, process, and product in classes to meet student learning needs. Students are timetabled into the Resource room for one period each day. This is a non-credit class.

## **Driver Education (DRI10)**

This is a non-credit course that is offered over the noon hour. Please keep that in mind when booking any appointments. SGI has a very strict attendance policy. Extended holidays do not count as excused absences. Marion M. Graham has permanent simulators which allow driver education classes to run continuously from September to June. Students must be 15 years of age before a driver education class begins in order to be eligible to take the course. Placement into a driver education class is prioritized by date of birth. Upon confirmation of enrollment students must have an SGI customer number and set up a "MySgi" account in order to write the online exams. Any SGI issuing office can do this. The customer number will be required on the first day of class. One week before the class begins, students will receive a letter reminding them of when their Driver Education class begins. Students may be removed if the above requirements have not been met.



# Languages

## **German 10 (GER10)**

Guten Tag! (Hello!) Interested in travelling to Europe? Want to learn one of the most commonly spoken languages there? Then German is for you! German 10 is an exciting, practical introduction to the German language with focus on oral and written communication. No previous knowledge is required. *Students taking German 10 are eligible to participate in a three-month, or a six-week exchange trip to Germany.* Open to all grades.

## **German 20 (GER20)**

*Prerequisite: GER10*

Students continue to gain proficiency in their German language skills. Again, both oral and written aspects of communication are a focus. Students expand their vocabulary and grammatical skills through a variety of stimulating, interesting assignments. The Internet, computers, video, and audio, along with more traditional media are used throughout this course. Students will have the opportunity to participate in a six-week exchange experience in Germany.

## **German 30 (GER30)**

*Prerequisite: GER20*

Vielen Dank! This course is a continuation of language learning from German 20.



# MMGCI's French Immersion Pathway



Grade 10

- FRA10F\*
- MFP10F
- SCI10F
- HIS10F
- MAF20F



Grade 11

- FRA20F\*
- FIA20F
- HIS20F
- MAF30F



Grade 12

- FRA30F\*
- FIB20F
- SOC30F

**12 French Immersion Credits are needed to meet the requirements for Bilingual Certification by the Ministry of Education. An \* denotes the compulsory courses. The remaining nine courses can be a combination of French Immersion classes offered in person or through the Saskatoon Public Schools Online Learning Centre**



# Course Descriptions

## **Français 10 (FRA10F)**

Français immersion 10 is a renewed program. The course focusses on 5 domaines: Valorisation de la langue et la culture francophone, Compréhension orale, Compréhension écrite, Production orale, and Production écrite. The contexts are : Racines et identité, Pouvoir et responsabilité, and Défis et espoir. The Big Ideas are L'identité francophone au Canada, Les champions et les héros, and Le voyage et l'aventure. In this course, we will look at French news and TV programs, read and listen to stories, study a novel and do some public speaking.

## **Fondements des mathématiques et précalcul 10 (MFP10F)**

*Prerequisite: MTH09F*

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs. Topics include measurement, trigonometry, exponents, polynomials, factoring, irrational numbers, relations and functions.

## **Sciences 10 (SCI10F)**

*Prerequisite: SCI09F*

This course is a continuation of Science 9. It is a general survey course with units on motion, chemistry and ecology. The connections among science, technology and society are emphasized. This course has a strong activity base.

## **Histoire 10 (HIS10F)**

*Prerequisite: HUM09*

This course includes political and economic decision-making, and international political relations. Students analyze political decision-making and how these decisions affect society. Current issues and historical examples such as the French Revolution, Industrial Revolution, and Imperialism are used to help students gain a better understanding of concepts studied.

## **Français 20 (FRA20F)**

*Prerequisite: FRA10*

Français immersion 20 is a renewed program. The course focusses on 5 domaines: Valorisation de la langue et la culture francophone, Compréhension orale, Compréhension écrite, Production orale, and Production écrite. The contexts are : Racines et identité, Pouvoir et responsabilité, and Défis et espoir. The Big Ideas are L'identité francophone mondiale, Le pouvoir et le changement and Le conflit et la résolution. In this course, we will watch French movies, listen to French music, read a graphic novel and a traditional novel, write an informal letter and do some public speaking.

## **Français Immersion Intégré A20 (FIA20F)**

*Students are advised to take FIA20F in their grade 11 year and FIB20F in their grade 12 year.*

The integrated courses are offered for two credits in the Immersion program. In these courses, the study of language is integrated with other disciplines. Students will study the influence of French movies on French culture and they will do a survey of Sociology.

## **Fondements des mathématiques 20 (MAF20F)**

*It is recommended that Immersion students take this course in their grade 10 year.*

This course 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. Topics include logical reasoning, proportional reasoning, geometry, trigonometry, algebra, statistics, and probability.

## **Histoire 20 (HIS20F)**

*Prerequisite: HIS10F*

This course is comprised of a study of contemporary world history including themes such as nationalism, imperialism, militarism and totalitarianism. The course includes two world wars and the rise of dictatorships with an emphasis on current world.

## **Français 30 (FRA30F)**

*Prerequisite: FRA10*

Français immersion 30 is a renewed program. The course focusses on 5 domaines: Valorisation de la langue et la culture francophone, Compréhension orale, Compréhension écrite, Production orale, and Production écrite. The contexts are : Racines et identité, Pouvoir et responsabilité, and Défis et espoir. The Big Ideas are Mon identité linguistique, Se réaliser dans le monde and Mes défis, mes espoirs. In this course, we will study theater, read a novel and French poetry, watch documentaries, as well as write a literary analysis, a formal letter and an opinion speech.

## **Français Immersion Intégré B20 (FIB20F)**

*Prerequisite: FRA10*

*Students are advised to take FIA20F in their grade 11 year and FIB20F in their grade 12 year.*

The integrated courses are offered for two credits in the Immersion program. Students will study the basics of Psychology and apply their new knowledge of persuasion in the Marketing and Entrepreneurship units.

## **Sciences Sociales Immersion30 (SOC30F)**

This course in Canadian Studies includes the study of geography, First Nations people, French-English relations, Canadian-American relations, the West, multiculturalism, Canadian political and economic history, and the function of our government.

## **Fondements des mathématiques 30 (MAF30F)**

*Prerequisite MAF20F*

*It is recommended that Immersion students take this course in their grade 11 year.*

This course 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. Topics include financial decision making, logical reasoning, counting principles, probability, polynomial functions, periodic functions, logarithmic and exponential functions.

# EAL Course Pathway



It is recommended that students progress in the following order.  
Exceptions may be made in consultation with the EAL teacher and Student Services counselors.

EAL A10L

- Benchmark A1.1
- Can answer with one-word answers to questions. Can read and write the English Alphabet and words. Can understand common questions like, "How are you?"

EAL B10L

- Benchmark A1.2
- Can answer a few words to questions. Can read and write full sentences in English with grammatical mistakes. Can understand common sentences and talk about interests and feelings.

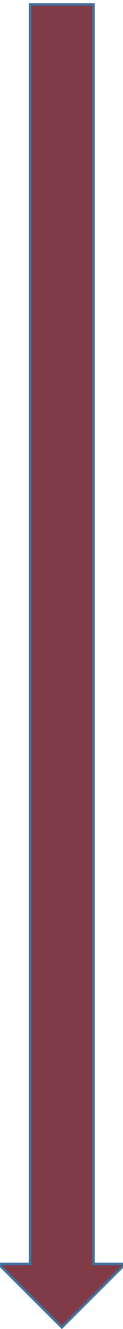
EAA20L

EAB20L

- Benchmark A2.1, A2.2, B1.1
- Can ask and answer questions on familiar topics in full sentences. Can read and write using paragraphs and basic verb tenses with few mistakes. Can write and speak about interests and experiences.
- Can socialize and interact with peers in English, with grammatical mistakes.

Sheltered English 9 A/B  
and English 10 A/B in  
combination with Tutorials

- Benchmarking B1.1 , B2
- Able to understand and respond to conversations with native English speakers with little to no correction. Can speak and write with humor and analysis. Can analyze text and develop thesis with little to no support. Are beginning to read full novels and news articles with some support. Working towards, or able to, write essays and other lengthy pieces with little to no support.







# SASKATOON PUBLIC SCHOOLS

## Core Requirement Graduation Plan

GRADE 10	GRADE 11	GRADE 12
<input type="checkbox"/> English 10A <input type="checkbox"/> English 10B  <input type="checkbox"/> Science 10  <input type="checkbox"/> Wellness 10  <b>At least one of:</b> <input type="checkbox"/> History 10 <input type="checkbox"/> Native Studies 10  <b>At least one of:</b> <input type="checkbox"/> Foundations Pre-Cal 10 <input type="checkbox"/> Apprenticeship Math 10	<input type="checkbox"/> English 20  <b>At least one of:</b> <input type="checkbox"/> Health Science 20 <input type="checkbox"/> Physical Science 20 <input type="checkbox"/> Computer Science 20 <input type="checkbox"/> Environmental Science 20  <b>At least one of:</b> <input type="checkbox"/> History 20 <input type="checkbox"/> Psychology 20 or 30 <input type="checkbox"/> Law 30 <input type="checkbox"/> Geography 20 or 30 <input type="checkbox"/> Native Studies 20  <b>At least one of:</b> <input type="checkbox"/> Math Foundations 20 <input type="checkbox"/> Math Pre-Calculus 20 <input type="checkbox"/> Apprenticeship Math 20	<input type="checkbox"/> English 30A <input type="checkbox"/> English 30B  <b>At least one of:</b> <input type="checkbox"/> History 30 <input type="checkbox"/> Native Studies 30
<b>At least two from either or one of each of:</b> <input type="checkbox"/> Arts Education*    or <input type="checkbox"/> Practical Applied Arts**		
<b>Electives:</b> <input type="checkbox"/> 1. _____ <input type="checkbox"/> 2. _____ <input type="checkbox"/> 3. _____ <input type="checkbox"/> 4. _____	<b>Electives:</b> <input type="checkbox"/> 1. _____ <input type="checkbox"/> 2. _____ <input type="checkbox"/> 3. _____ <input type="checkbox"/> 4. _____ <input type="checkbox"/> 5. _____ <input type="checkbox"/> 6. _____	<b>Electives:</b> <input type="checkbox"/> 1. _____ <input type="checkbox"/> 2. _____ <input type="checkbox"/> 3. _____ <input type="checkbox"/> 4. _____ <input type="checkbox"/> 5. _____ <input type="checkbox"/> 6. _____

**TOTAL CLASSES:**

- Grade 10 + Grade 11 + Grade 12 = a minimum of 24
- Successfully complete at least five subjects numbered "30"
- Minimum of 9 electives, at least 6 in Grades 11 or 12
- Please see Counsellor to discuss any Post-Secondary requirements



\* **ARTS ELECTIVES:** Arts Education, Band, Choral, Dance, Drama, Music, Instrumental Jazz and Visual Art

\*\* **PAA ELECTIVES:** Accounting, Apprenticeship, Autobody, Career Work Exploration (Academic Placement), Clothing, Textiles and Fashion, Communication Media, Construction and Carpentry, Design Studies, Drafting, Electronics, Entrepreneurship, Food Studies, Graphic Arts, Housing, Information Processing, Interior Design, Life Transitions, Mechanical and Automotive, Photography, Practical and Applied Arts Survey, Theatre Arts, Welding