COURSE SELECTIONS - This document is prepared for students and parents to assist in planning an educational program suited to your individual needs, pathways and abilities. Responsibility for appropriate course selection rests with students and parents in collaboration with teachers, mentors and counselors. Please take the time to read the information in this document to understand the content, expectations, and requirements of each course before you make your course selections.

Students in Grades 9, 10, and 11 are required to take 4 courses per semester. Students who have earned a minimum of 24 credits must take at least 3 courses per semester.

PROCEDURES - During the month of February, students will be selecting courses for the following school year. Students and parents should understand that many important decisions about next year's course offerings, staff allocation and timetables are based on the information provided by students on their option sheets. Completion and submission of the option sheet is a commitment by the student to attend Walkerville Collegiate Institute in September and to take the entire program of studies which was requested. No changes can be made – including permission to drop a course – unless necessitated by credits earned at night/summer school or a course failed or cancelled.

TYPES OF COURSES IN GRADES 9 & 10

Academic courses: Identified by the letter "D" in the course code. They emphasize theory and abstract problems, and lead to University and College Preparation courses in Grades 11 and 12. Example: ENG1D.

Applied courses: Identified by the letter "P" in the course code. They focus on practical applications and concrete example, and lead to college preparation (in most areas), and Workplace courses in Grades 11 and 12. Example: ENG1P.

Open courses: Identified by the letter "O" in the course code. They are designed to enrich education generally.

[redacted]

ARTS COURSES

INTEGRATED ARTS (Open) - ALC1O

This course integrates dance, drama, media arts, music, visual arts and expose students to arts they can take in grade 10, giving students the opportunity to produce and present integrated art works created individually or collaboratively. Students will demonstrate innovation as they learn and apply [redacted] practices to explore solutions to integrated arts challenges. No experience is necessary in any art forms. Students will be introduced to basic theories and practices in drama, media arts, dance, music, (instrumental, guitar, vocal), and visual arts.

VISUAL ARTS (Open) - AVI1O

This course is exploratory in nature, [illegible] overview of visual arts as a foundation for further study. [illegible] will become [illegible] with [illegible] and principles of design [illegible] expressive qualities [illegible] materials [illegible] using a range of media, [illegible]cesses, techniques, and [illegible] students will use the creative and critic[illegible] analysis proc[illegible] and will [illegible] within a personal, contempo[illegible], and his[illegible] conte[illegible]

DRAMATIC ART[illegible] (Open) - [illegible]2O

This course provi[illegible] opport[illegible]es for students [illegible] dra[illegible]tic forms, conventions, and [illegible]chnique[illegible] students will exp[illegible] variety [illegible] dramatic sources for vario[illegible] cultures [illegible] representing [illegible] f ge[illegible]s. Students will use the elements [illegible] drama [illegible]eating and co[illegible] ugh dramatic works. Students [illegible] assume [illegible]ponsibility [illegible] in the creative and collaborative [illegible]esses a[illegible] on [illegible]ces.

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MEDIA ARTS (University/College Preparation) - ASM3M
Prerequisite: ASM2O

This course focuses on the development of media arts skills through the production of art works involving traditional and emerging technologies, tools,

DANCE (Workplace Preparation) - ATC4E

Prerequisite: ATC3O

BUSINESS/LEARNING STRATEGIES COURSES

BUILDING THE ENTREPRENEURIAL MINDSET - (Open) BEM1O

FINANCIAL ACCOUNTING FUNDAMENTALS (University/College Preparation) - BAF3M

This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and current issues and ethics in accounting.

CONTEMPORARY FIRST NATIONS, MÉTIS, AND INUIT VOICES (University

HUMANITIES COURSES

EXPLORING FAMILY STUDIES (Open) - HIF1O

This course explores, within the context of families, some of the fundamental challenges people face: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about the diverse ways in which families function in Canada and will use research skills as they explore topics related to individual and family needs and resources.

FOOD AND NUTRITION (Open) - HFN2O

This course focuses on guidelines for making nutritious food choices. Students will investigate factors that influence food choices, including beliefs, attitudes, current trends, traditional eating patterns, food marketing strategies, and individual needs. Students will also explore the environmental impact of a variety of food choices at the local and global level. This course provides students with opportunities to develop food preparation skills and introduces them to the use of social science research methods in the area of food and nutrition.

FOOD AND CULTURE (Workplace Preparation) - HFC3E

This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will demonstrate the ability to cook with ingredients and equipment from a range of cultures, describe food-related etiquette in a variety of countries and cultures, and explore ways in which Canadian food choices and traditions have been influenced by other cultures. Students will have opportunities to develop practical skills and apply research skills as they investigate foods and food practices from

HUMAN DEVELOPMENT THROUGHOUT THE LIFESPAN (College/University Preparation) - HHG4M

This course offers a multidisciplinary approach to the student of human development throughout the lifespan. Students will learn about a range of theoretical perspectives on human development. They will examine threats to healthy development as well as protective factors that promote resilience. Students will learn about physical, cognitive, and social-emotional development from the prenatal period through old age and will develop their research and inquiry skills by investigating issues related to human development.

PERSONAL LIFE MANAGEMENT (Open) - HIP4O

This course focuses on preparing students for living independently and working successfully with others. Students will learn to manage their personal resources to meet their basic needs for food, clothing, and housing. They will also learn about their personal, legal, financial responsibilities and develop and apply interpersonal skills in order to make wise and responsible personal and occupational choices. Students will apply research and inquiry skills while investigating topics related to personal life management. The course emphasizes the achievement of expectations through practical experiences.

LANGUAGES COURSES

CORE FRENCH (Academic) - FSF1DC

Prerequisite: Minimum of 600 hours of elementary Core French instruction, or equivalent

This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language knowledge and skills by using language-learning strategies introduced in the elementary Core French program and will apply creative and critical thinking skills in various ways. They will also enhance their understanding and appreciation of diverse French-speaking communities and will develop the skills necessary to become life-long language learners.

FRENCH AS A SECOND LANGUAGE - Core French (Open) - FSF1OC

This is an introductory course for students who have little or no knowledge of French or who have not had the opportunity to accumulate the minimum of 600 hours of elementary =n) CΩ ʽ LANG

CORE FRENCH (University Preparation) - FSF4UC
Prerequisite: FSF3UC
This course provides extensive opportunities for students to speak and interact in French independently. Students will apply language-learning strategies in a wide variety of real-life situations and will continue to develop their creative and critical thinking skills through responding to and interacting with a variety of oral and written texts. Students will also continue to enrich their understanding and appreciation of diverse French-speaking communities and to develop the skills necessary for life-long language learning. Students will receive a Board Certificate after completing FSF4UC in Core French as a Second Language. Moreover, students will have the opportunity to write the DELF test (Diplôme d'étude langue française). This is the official language diploma awarded by France's Ministry of National Education. It is recognized around the world and is

HISTORY AND LAW COURSES

CIVICS AND CITIZENSHIP (Open, .5 credit) - CHV2OH

This course explores rights and responsibilities associated with being an active citizen in a democratic society. Students will explore issues of civic importance such as healthy schools, community planning, environmental responsibility, and the influence of social media, while developing their understanding of the role of civic engagement and of political processes in the local, national, and/or global community. Students will apply the concepts of political thinking and the political inquiry process to investigate, and express informed opinions about, a range of political issues and developments that are both of significance in today's world and of personal interest to them.

WORLD HISTORY TO THE FIFTEENTH CENTURY (University/College Preparation) - CHW3M

Prerequisite: CHC2D or CHC2P

This course explores the history of various societies and civilizations around the world, from earliest times to around 1500 CE. Students will investigate a range of factors that contributed to the rise, success, and decline of various ancient and pre-modern societies throughout the world and will examine life in and the cultural and political legacy of these societies. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras.

Origins and Citizenship: The History of a Canadian Ethnic Group (Open) - CHE3O

Prerequisite: Canadian History since World War I, Grade 10, Academic, Applied or Locally Developed

This course focuses on the history of people who came to Canada from a

ADVENTURES IN WORLD HISTORY (Workplace Preparation) - CHM4E
Prerequisite: CHC2D, CHC2P or CHC2L
This course examines significant developments and events in world history from earliest times to the present. Students will explore a variety of social, cultural, economic, and political developments in different regions of the world and during different periods. In addition to investigating how conflict, religion, work, and technology have helped shape people's lives, students will examine the contributions of some significant individuals to our global heritage. Students will apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating a variety of human experiences in world history.

LEGAL STUDIES (College Preparation) - CLN4C
Prerequisite: Civics and Citizenship, Grade 10 Open.
This course provides a foundation for students who wish to pursue a career that requires an understanding of law. Students will explore the importance of law, analyzing contemporary legal issues and their relevance to daily life. They will investigate the requirements for various law-related careers as well as legal responsibilities in the workplace. Students will apply the concepts of legal

MATHEMATICS (Locally Developed) - MAT2L

Prerequisite: MPM1D, MFM1P, MTH1W, MAT1L or by referral

This course emphasizes the extension of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 11 Mathematics Workplace Preparation course. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on strengthening and extending key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to extend their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

MATHEMATICS FOR WORK AND EVERYDAY LIFE (Workplace Preparation) - MEL3E

Prerequisite: MPM2D, MFM2P, MAT2L

This course enables students to broaden their understanding of mathematics as it applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

FOUNDATIONS FOR COLLEGE MATHEMATICS (College Preparation) - MBF3C

Prerequisite: MFM2P, MPM2D

This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations, as well as of measurement and geometry; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analyzing, and evaluating data involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

FUNCTIONS (University Preparation) - MCR3U

Prerequisite: MPM2D

This course introduces the mathematical concept of the function by extending students’ experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; and develop facility in simplifying polynomial and rational expressions. Students will reason mathematically and communicate their thinking as they solve mult f l’ solv ç m u

CALCULUS AND VECTORS (University Preparation) - MCV4U

Prerequisite: MHF4U

This course builds on students' previous experience with functions and their developing understanding of rates of change. Students will solve problems involving geometric and algebraic representations of vectors, and representations of lines and planes in three-dimensional space; broaden their understanding of rates of change to include the derivatives of polynomial, rational, exponential, and sinusoidal functions; and apply these concepts and skills to the modeling of real-world relationships. Students will also refine their use of the mathematical processes necessary for success in senior mathematics. This course is intended for students who plan to study mathematics in university and who may choose to pursue careers in fields such as physics and engineering.

ADVANCED FUNCTIONS (University Preparation) - MHF4U

Prerequisite: MCR3U

This course extends students' experience with functions. Students will investigate the properties of polynomial, rational, logarithmic, and trigonometric functions; broaden their understanding of rates of change; and develop facility in applying these concepts and skills. Students will also refine their use of the mathematical qem

INTRODUCTION TO COMPUTER PROGRAMMING (College Preparation) - ICS3C

This course introduces students to computer programming concepts and practices. Students will write and test computer programs, using various problem-solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems, and explore environmental issues related to computers, safe computing practices, emerging technologies, and post-secondary opportunities in computer-related fields.

INTRODUCTION TO COMPUTER SCIENCE (University Preparation) - ICS3U

This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.

COMPUTER PROGRAMMING (College Preparation) - ICS4C

Prerequisite: ICS3C

This course further develops students' computer programming skills. Students will learn object-oriented programming concepts, create object-oriented software solutions, and design graphical user interfaces. Student teams will plan and carry out a software development project using industry-standard programming tools and proper project management techniques. Students will also investigate ethical issues in computing and expand their understanding of environmental issues, emerging technologies, and computer-related careers.

COMPUTER SCIENCE (University Preparation) - ICS4U

Prerequisite: ICS3udents/ nm it Prtecmqi eṬ n ąHn,(mer ẓ Ŕ

PHYSICAL EDUCATION COURSES

HEALTHY ACTIVE LIVING EDUCATION (Open) - PPL3O (Co-ed)
This course enables students to further develop the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

RECREATION AND HEALTHY ACTIVE LIVING LEADERSHIP: (University/College) – PLF4M (Co-ed)
This course is enables students to explore the benefits of lifelong participation in active recreation and healthy leisure and to develop the leadership and coordinating skills needed to plan, organize, and safely implement recreational events and other activities related to healthy, active living. Students will also learn how to promote the benefits of healthy active living to others through mentoring and assisting them in making informed decisions that enhance their well-being. The course will prepare students for university programs in physical education and health kinesiology and for college and university programs in recreation and leisure management, fitness and health promotion, and fitness leadership.

HEALTHY ACTIVE LIVING EDUCATION: (Open) - PPL4O (Co-ed)
This course enables students to further develop the knowledge and skills they need to make healthy choices. It places special emphasis on how students can maintain the habits of healthy, active living throughout their lives as they make the transition to adulthood and independent living. Through participation in a wide range of physical activities in a variety of settings, students can enhance their movement competence, personal fitness, and confidence. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.

SCIENCE COURSES

SCIENCE (Grade 9) - SNC1W

CHEMISTRY (University Preparation) - SCH3U
Prerequisite: SNC2D
This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment.

PHYSICS (University Preparation) - SPH3U
Prerequisite: SNC2D
This course develops students' understanding ofp nd x e p e stu e esta, l mic!

SCIENCE (Workplace Preparation) - SNC4E

Prerequisite: SNC2L or SNC2P

This course provides students with fundamental science knowledge and workplace skills needed to prepare them for success beyond secondary school. Students will explore hazards in the workplace, chemicals in consumer products, disease and its prevention, electricity at home and at work, and nutritional science. Emphasis is placed on current topics in science and relevant, practical activities that develop students' literacy and mathematical literacy skills and enhance their scientific literacy.

PHYSICS (College Preparations) - SPH4C

Prerequisite: SNC2D or SNC2P

This course develops students' understanding of the basic concepts of physics. Students will explore these concepts with respect to motion; mechanical, electrical, electromagnetic, energy transformation, hydraulic, and pneumatic systems; and the operation of commonly used tools and machines. They will develop their scientific investigation skills as they test laws of physics and solve both assigned problems and those emerging from their investigations. Students will also consider the impact of technological applications of physics on society and the environment.

PHYSICS (University Preparation) - SPH4U

Prerequisite: SPH3U

This course enables students to deepen their understanding of physics concepts and theories. Students will continue their exploration of energy transformations and the forces that affect motion, and will investigate electrical, gravitational, and magnetic fields and electromagnetic radiation. Students will also explore the wave nature of light, quantum mechanics, and special relativity. They will further develop their scientific investigation skills, learning, for example, how to analyse, qualitatively and quantitatively, data relating to a variety of physics concepts and principles. Students will also consider the impact of variet p p lde environ

TECHNOLOGY COURSES

***Planned Technology Course for September 2024**
EXPLORING COMMUNICATIONS TECHNOLOGY - (Open) TGJ1O
This exploratory course introduces students to concepts and skills in communications technology, which encompasses television/video and movie production, radio and audio production, print and graphic communications, photography, and interactive new media and animation. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

E-LEARNING COURSES

E-Learning courses are available for students in Grades 11 and 12. The GECDSB is planning to offer e-learning courses in 2024-25.

If you would like further information regarding E-Learning courses, please speak with your guidance teacher-counsellor.

COOPERATIVE EDUCATION

CREATING OPPORTUNITIES THROUGH CO-OP - DCO3O Grade 11 (Open)

In this course, students explore a range of interests or create a focused experience based on a particular interest. Within the context of an experience connected to the community, students will develop skills, knowledge, and habits of mind that support them in their education and career/life planning; protect and

COMMUNITY KITCHEN

This course is a cooperative education opportunity for students to work with a Chef in an ultra modern commercial kitchen providing food to a variety of community programs e.g. (Meals on Wheels). Students can earn on credits in Co-op, Hospitality and Tourism and a Dual Credit from St. Clair College. Students need to apply for this program and will be interviewed for placement. This program is located at the Unemployed Help Centre. See your guidance counsellor for more details and an application package. See the video on the

W.C.C.A.

What do you need to graduate from high school?

18 compulsory credits

[illegible]

In addition, students must complete:

[illegible]