



Grade Eleven
Course Handbook
WINDSOR PARK COLLEGIATE

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Windsor Park Collegiate: Credit Check Worksheet

In order to graduate, all students are expected to complete:

- 17 compulsory credits and 13 Elective credits for a total of 30 credits
- Of the 13 Elective credits, one must be a grade eleven credit, and two must be grade twelve credits.

Grade Nine	Grade Ten	Grade Eleven	Grade Twelve
English 10F <input type="checkbox"/>	English 20F <input type="checkbox"/>	English 30S <input type="checkbox"/>	English 40S <input type="checkbox"/>
Math 10F <input type="checkbox"/>	Math 20S Ess Intro <input type="checkbox"/>	Math 30S Ess App PreC <input type="checkbox"/>	Math 40S Ess App PreC <input type="checkbox"/>
Canada in the Contemporary 10F <input type="checkbox"/>	Geography 20F <input type="checkbox"/>	History 30F <input type="checkbox"/>	Physical Ed. 40F <input type="checkbox"/>
Science 10F <input type="checkbox"/>	Science 20F <input type="checkbox"/>	Physical Ed. 30F <input type="checkbox"/>	Elective 40 _____
Physical Ed. 10F <input type="checkbox"/>	Physical Ed. 20F <input type="checkbox"/>	Elective 30 _____	Elective 40 _____
Reading is Thinking 10S <input type="checkbox"/> _____	Elective _____	Elective _____	Elective _____
Elective _____	Elective _____	Elective _____	Elective _____
Elective _____	Elective _____		
Elective _____			

Important Notes:

In order to graduate you must complete all the requirements above. For example, if you have 34 credits, but do not have a grade 12 English credit, you are NOT eligible to graduate.

There can be a big difference between high school graduation requirements and post-secondary (university/college) entrance requirements. You may graduate from high school but be unable to enter the school of your choice because you have not taken the right courses.

Remember to include special language or music credits, credits earned at Manitoba Institute of Trades and Technology (MITT) or Louis Riel Arts and Technology Centre (LRATC), distance education courses and/or summer school courses.

Course Registration Instructions:

The following are the details of what you need to know the day that you sit down to sign up for your courses for next year.

Step One: Write down on the worksheet all of the courses that you have successfully completed or will complete by the end of this year.

Step Two: Decide on what programs you wish to be a part.

- High School
- AP Calculus - Online
- Career Internship Program (CIP)
- Louis Riel Arts and Tech Centre (LRATC)
- Manitoba Institute of Trades and Technology (MITT)

Step Three: On your worksheet, check off the compulsory courses (bold) that you must take next year. (Remember if you have failed a compulsory course, you must take it again.)

Step Four: Read through the list of elective courses on the following pages of the handbook.

Step Five: List five electives in order of priority from your first choice to your fifth choice. (Not all choices will be scheduled.)

1) _____

2) _____

3) _____

4) _____

5) _____

Step Six: Bring these worksheets with you on course selection day so that you can easily sign up for next year. You will be signing up for your courses on-line with a Student Services Teacher.

Step Seven: Look for MyBlueprint Course Selection Sign-Off Sheet which will be sent home in the report card April 13th

Step Eight: Sign and return MyBlueprint Course Selection Sign-Off Sheet with Registration Fees of \$90.00 by April 20th. This will determine your official registration.

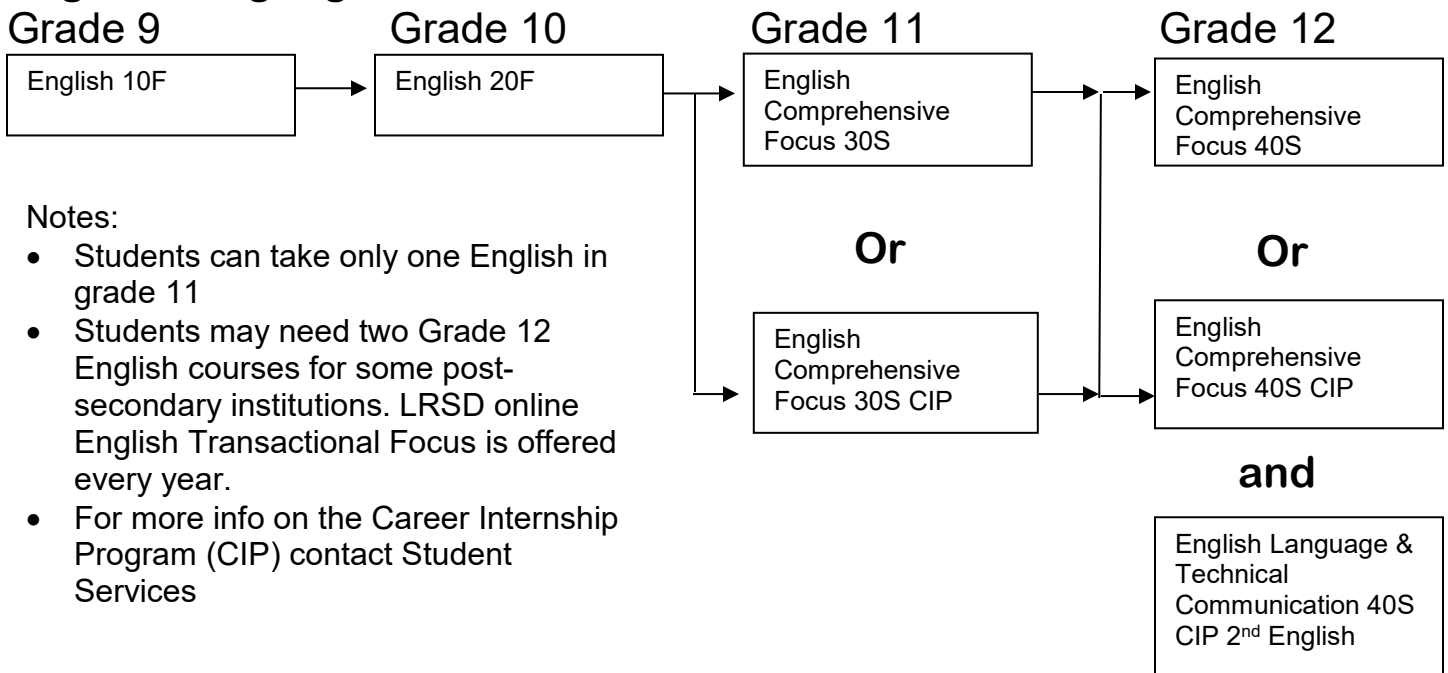
Step Nine: Timetables and opening day information will be mailed out in late August to those students that have paid school fees for 2019-2020.

Important Note:

Once choices have been made and finalized, classes will be organized and staff determined. Courses that have very low enrollment may not be offered or may be combined with others. It is important that you put a lot of thought into the courses that you want as it will be very difficult to make changes to course requests at a later date.

Compulsory Courses: English Language Arts:

English Language Arts Flow Chart:



ENGLISH LANGUAGE ARTS COMPREHENSIVE FOCUS 30S

1 credit

PREREQUISITE: English Language Arts 20F

This course develops students' ability to think critically and to function more effectively within their community. Students will be exposed to materials to further develop their literacy skills and enable them to respond to and interact with a variety of texts: short stories, poetry, drama, film, a Shakespearean text (*Macbeth*), magazines, newspapers, and the Internet as springboards for reflective and critical thought. Students are immersed in texts that inform, persuade, analyze, foster understanding and empathy, and reflect culture, express feelings and experiences. Essay forms are given more prominence at this level to provide a solid foundation for writing at the grade 12 level. The proper use of grammar, punctuation, spelling, and vocabulary in all assignments is emphasized. All students write a final exam worth 25% of their final grade.

ENGLISH LANGUAGE ARTS COMPREHENSIVE FOCUS 30S -CIP

1 credit

PREREQUISITE: English Language Arts 20F

This course offers the traditional English experience with Career Development integrated into it. 1. It introduces students to the Career Internship Program (CIP) experience offering opportunities for participants to explore personal and career aspirations. The writing of cover letters and résumés and a two-day job shadow experience offer hands-on experiences to hone and shape future goals. 2. Students study English with both a transaction and literary focus: they consider point of view, rhetorical and narrative technique, connotative and figurative language, and a variety of stylistic considerations within short stories, poetry, drama, film, a Shakespearean text (*Macbeth*), magazines, newspapers, and the Internet. Students write and study in texts that inform, persuade, analyze, foster understanding and empathy, reflect culture, and express feelings and experiences. Essay forms are given more

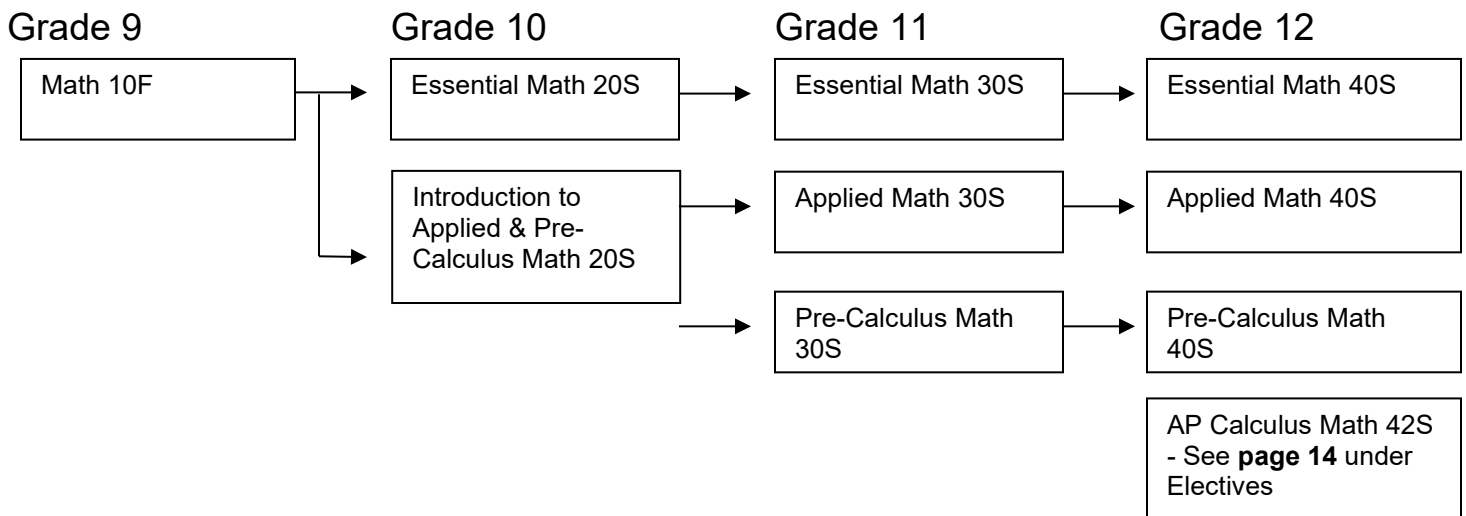
prominence at this level to provide a solid foundation for writing at the grade 12 level. The proper use of grammar, punctuation, spelling, and vocabulary in all assignments is emphasized. All students write a final exam worth 25% of their final grade.

NOTE:

Students taking CIP English Comprehensive Focus 30S pay a fee of \$ 40.00

Compulsory Courses: Mathematics:

Mathematics Flow Chart:



NOTES:

- Students can take more than one math course per year in grades ten to twelve
- *Students planning to take AP math should more info on page 10 & 16
- Grade 12 MATH COURSES HAVE A FINAL PROVINCIAL ACHIEVEMENT TEST worth a certain percentage:
 - Grade 12 Pre-Calculus and Grade 12 Applied – 30%
 - Grade 12 Essential – 20 %

When choosing a mathematics program, students should consider post-secondary requirements. Each of the mathematics programs is sequential, and is designed to meet different interests, learning needs and education/career goals of students. Students and parents are advised to consult with mathematics teachers and student services in order to decide the best program.

Changing programs between Applied and/or Pre-Calculus and/or Essentials is allowed, but can be difficult for students as they may be missing previously covered skills in that program. When students choose courses which best suit their needs and abilities, they have the greatest chance for success, now and in the future.

GRADE ELEVEN APPLIED MATHEMATICS 30S

1 credit

PREREQUISITE: Introduction to Applied and Pre-Calculus 20S

UNITS BY PROVINCIAL STRANDS:

Number Sense: Logical Reasoning, Research Project

Patterns & Relations: Relations & Functions

Shapes & Space: Geometry, Measurement, Trigonometry

Statistics & Probability: Statistics

REQUIRED EQUIPMENT/PERSONAL SUPPLIES:

All students are **required** to have a 3-ring binder, pencil, eraser, and ruler. (Cell phone calculators are not permitted).

(65% recommended in Grade 10 Intro to Applied and Pre-Cal)

GRADE ELEVEN ESSENTIAL MATHEMATICS 30S

1 credit

PREREQUISITE: Essential 20S or Introduction to Applied and Pre-Calculus 20S

This course is intended for students whose post-secondary planning includes everything except a focus on mathematics and/or science-related fields. Essential Mathematics emphasizes consumer applications, problem-solving, decision making, as well as number sense and number use. Students are expected to work both individually and in small groups on mathematical concepts and skills encountered in a technological society.

UNITS BY PROVINCIAL STRANDS:

Number Sense: Problem Analysis, Analysis of Games and Numbers

Patterns & Relations: Interest and Credit, Managing Money, Relations and Patterns

Shapes & Space: 3-D Geometry, Design Modeling

Statistics & Probability: Statistics

EQUIPMENT/PERSONAL SUPPLIES:

All students are required to have a 3-ring binder, pencil, eraser, and **scientific calculator** (showing trigonometry functions – sin, cos, tan) and ruler. (Cell phone calculators are not permitted).

SPECIAL NOTES:

Essential Mathematics accepted by some post-secondary institutes. Check with student services to ensure that Essential Mathematics is a viable Elective for your chosen career path.

GRADE ELEVEN PRE-CALCULUS MATHEMATICS 30S

1 credit

PREREQUISITE: Introduction to Applied and Pre-Calculus 20S (70% recommended)

"Applied Math is intended for students considering post-secondary studies that do not require a study of calculus. It is more contextual than Pre-Calculus and promotes the learning of numerical problem-solving techniques as they relate to the world."

UNITS BY PROVINCIAL STRANDS:

Number Sense: N/A

Patterns & Relations: Solving and Analyzing Quadratic Equations, Graphing Inequalities and Systems of Equations, Rational Expressions and Equations, Sequences and Series

Shapes & Space: Trigonometry

Statistics & Probability: N/A

EQUIPMENT/PERSONAL SUPPLIES:

Students are required to have a 3-ring binder, pencil, eraser, and a **scientific calculator** (cell phone calculators are not permitted).

SPECIAL NOTES:

(70% in Grade 10 Intro to Applied and Pre-Cal is recommended)

AP MATHEMATICS 42S 1 credit		
Windsor Park is proud to offer AP Calculus Math. Mathematically talented students can obtain a university credit in mathematics before they finish high school if they follow one of the following schedules. This course is offered online.		
Elective 1:		
Grade	Semester One	Semester Two
<i>Nine</i>	Math 10F (in either semester)	
<i>Ten</i>	Introduction to Pre-Calc and Applied (in either semester)**	
<i>Eleven</i>	Pre-Calc 30S***	Pre-Calc 40S***
<i>Twelve</i>	AP Calculus	
Elective 2:		
Grade	Semester One	Semester Two
<i>Nine</i>	Math 10F (in either semester)*	
<i>Ten</i>	Intro to Applied & Pre-Calc20S	Pre-Calc30S***
<i>Eleven</i>	Pre-Calc40S***	
<i>Twelve</i>	AP Calculus	
Elective 3: *this Elective will be extremely challenging as students will not have completed Grade 12 Pre-Calc before starting AP Calculus		
<i>Nine</i>	Math 10F (in either semester)	
<i>Ten</i>	Introduction to Pre-Calc and Applied (in either semester)	
<i>Eleven</i>	Pre-Calc30S (in either semester)***	
<i>Twelve</i>	Pre-Calc40S	
	AP Calculus	
*A minimum mark of 75% is required in math 10F in order to take this track of AP math.		
**A minimum mark of 75% is required in Introduction to Pre-Calc and Applied		
***A minimum mark of 75% is required in both Pre-Calc 30 and 40 in order to take AP math.		

Compulsory Courses: Social Studies:

Social Studies Flow Chart:

Grade 9

Canada in the Contemporary World
10F



Grade 10

Geography of Canada 20F



Grade 11

History of Canada 30F

Grade 12

**although there are no compulsory courses in Social Studies in grade 12, students are encouraged to consider such courses as Global Issues: Citizenship and Sustainability AP World History, Current Topics in First Nations, or Law.*

HISTORY OF CANADA 30F

1 credit

PREREQUISITE: Geography 20F

The Grade 11 History of Canada curriculum supports citizenship as a core concept and engages students in historical inquiry. Guided by **Essential Questions**, students focus on the history of Canada from pre-contact times to the present. Through this process students think historically and acquire **Enduring Understandings** related to the following five themes in Canadian history:

1. First Nations, Métis, and Inuit Peoples
2. French-English Duality
3. Identity, Diversity, and Citizenship
4. Governance and Economics
5. Canada and the World

SPECIAL NOTES

A \$150.00 lab fee is charged to cover the costs of transportation, supplies, permits, etc. for field trips such as cross country skiing, snowshoeing, mountain biking, wilderness survival, rock climbing and wilderness navigation.

GRADE ELEVEN PHYSICAL EDUCATION - FEMALE FITNESS 30F

1 credit

PREREQUISITE: Physical Education and Health 20F

This course focuses on topics, issues and concerns relevant to young women's lives relating to personal health, wellness and fitness. Students will take part in a wide variety of activities that will help them take greater ownership of their personal physical fitness development. It will also encourage the discovery of new physical activities suited to their personal interests and promote an active, healthy lifestyle and overall personal wellness. This course may have fees which are required to cover costs of facilities and guest instructors. The students will work towards the learning outcomes through a variety of activities which might include:

PERSONAL FITNESS MANAGEMENT:

Yoga, tai chi, cardio dance, Pilates, circuit training, resistance training, power walking, low organized games, cycle fitness (spin)

LIFETIME ACTIVITIES:

Self-defense, outdoor cross training, racquet sports, wall climbing, badminton, golf, community facility awareness

CLASSROOM ACTIVITIES:

Mental health, personal and social development, healthy relationships, body image, nutrition

SPECIAL NOTES

An activity fee of \$40.00 will be charged for all students enrolled in Female Fitness to cover extra costs.

GRADE 11 ELECTIVE COURSES:

MATH AND SCIENCES

ADVANCED PLACEMENT CALCULUS 42S AB (ONLINE)

1 credit

PREREQUISITE: Pre-Calculus 30S (80% final grade recommended and currently enrolled in Pre-Calculus 40S.)

Advanced Placement Calculus AB is a university level course and it is primarily concerned with the development of students' understanding of the concepts in Calculus and to provide experience with its methods and applications. This introductory calculus course covers the topics of (I) Functions, Graphs, and Limits (II) Derivatives and (III) Integrals. The course emphasizes a multi-presentation approach to calculus with concepts, results and problems being expressed graphically, numerically, analytically and verbally.

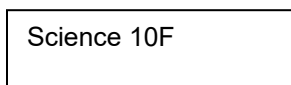
ADDITIONAL INFORMATION: This Course begins in October and ends in May. All students are required to have a T1-83 or T1-84 graphing calculator. (Cell phone calculators are not permitted)

Students interested in writing the Optional Advanced Placement (AP) College Board exam must pay a fee of approximately \$100. The exam is written in May, but the mark is not received until July. The exam mark is not used to calculate a student's final grade. As such, an in-school final exam is written at the completion of the course in May. Both exams will be written at the Arts and Technology Centre.

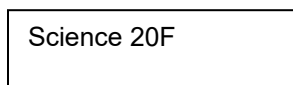
UNIVERSITY CREDIT: Taking the AP exam is not compulsory, but students who successfully challenge the examination and receive a mark of 4 or 5 (out of 5) may earn a University Credit or an Advanced Standing at numerous universities and colleges across Canada and the United States. Universities grant credits for AP courses based on the universities' local mark requirement on the AP exam.

Science Flow Chart:

Grade 9



Grade 10



Grade 11

Although there are no compulsory courses in Science in grade 11 and 12, students are encouraged to pursue courses in Chemistry, Biology and/or Physics.

Grade 12

Students interested in going to a university, college or other school after they graduate should make sure that they have the needed grade 11 and/or 12 electives.

BIOLOGY 30S

1 credit

PREREQUISITE: Science 20F

The grade 11 biology course aims to familiarize students with the fundamental aspects of modern biology. The goal of this course is to promote scientific literacy; not only possession of scientific knowledge, by effectively training students to analyze scientific problems critically. Students will study (1) wellness & homeostasis, (2) digestion & nutrition, (3) transportation & respiration, (4) excretion & waste management, (5) protection & control, and (6) homeostatic changes. Students will work both independently and cooperatively to scientifically inquire into a broad range of real-life scenarios and situations.

SPECIAL NOTES:

This is a course for students interested in continuing the "Study of Life". Biology would be of interest to students entering Physical Education, Recreation, and Nursing etc. at the post-secondary level.

CHEMISTRY 30S

1 credit

PREREQUISITE: Science 20F and Introduction to Applied Math and Pre-Calculus Math 20S (Essential Math 20S (minimum 70%) can be used as a prerequisite for Chemistry 30S but if the student wishes to continue to Chemistry 40S, Pre-Calculus or Applied Math is required in grade 11).

This course builds on what was learned in the chemistry unit of Science 20F. The course focuses on theoretical and mathematical aspects of the interactions of matter. Students will also use experiments to further their understanding of the topics.

UNITS:

Physical Properties of Matter – explains how matter behaves during physical changes.

Gases and the Atmosphere – explains how gases behave during temperature and pressure changes.

Chemical Reactions – quantitatively explores chemical reactions.

Solutions – deals with solubility and concentration.

Organic Chemistry – deals with naming and reactions of organic molecules.

EQUIPMENT

The student will be required to have a scientific calculator.

PHYSICS 30S

1 credit

PREREQUISITE: Science 20F, Intro to Applied Math and Pre-Calculus Math 20S (Recommended)

This course is designed for students with stronger math skills. Many topics deal with problem solving with mathematical formulas as well as theoretical explanations. The units include:

Waves –includes sound and mechanical waves.

The Nature of Light – deals with electromagnetic waves.

Mechanics – further explores how and why objects move using graphs and equations.

Fields – deals with gravitational, electric, and magnetic fields quantitatively and qualitatively.

EQUIPMENT / PERSONAL SUPPLIES

Students will be required to have a scientific calculator (cell phone calculators are not permitted).

SPECIAL NOTES

Physics 30S is a demanding course and requires a strong mathematical background. Physics is required for students who intend to enroll in the faculties of Engineering and Dentistry and is strongly recommended for entrance into the faculties of Computer Science and Medicine.

COMPUTER SCIENCE

COMPUTER SCIENCE 30S 1 credit

PREREQUISITE: Computer Science 20S.

This introductory course in computer science is of interest to a broad audience. As Steve Jobs said "I think everybody in this country should learn how to program a computer because it teaches you how to think." Students will develop knowledge, skills, and attitudes applicable to situations beyond computer science. Students will learn how to work both independently and collaboratively in order to complete a series of projects and rich tasks. Students will use the interactive programming software "Greenfoot" to produce original games that can be shared with a global audience. Students will

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also write programs in Java covering topics such as – documentation, variables and data types, input/output, debugging, multiple branching, looping, and subprograms with parameters, strings, one-dimensional arrays and simple sorting algorithms.

INFORMATION COMMUNICATION TECHNOLOGY

YEARBOOK

COMMUNITY SERVICE - YEARBOOK YCS31G

1 credit

PREREQUISITE: None

The purpose of this course is to provide students with an opportunity to volunteer their time to take photographs during school events. This course has been developed for students who are seriously interested in photography as a hobby or career; previous experience in photography is not essential but desirable. Photography 31G will cover all main aspects of photography including composition, lighting, camera handling techniques, special effects as well as processing techniques. Students will learn how to operate a digital SLR camera including aperture and time value modes. The course will also include shooting assignments on location. The practicum projects consist of the class working together to publish the school yearbook. COMMUNITY SERVICE/PHOTOGRAPHY 31G will appear on the official transcript.

EQUIPMENT / PERSONAL SUPPLIES

Students may supply and use their own digital SLR camera.

SPECIAL NOTES: This course is scheduled outside the regular timetable and runs from September to June.

ARTS

ACTIVIST ART 30S

1 credit

PREREQUISITE: None

Activist Art will explore how artists create work that engages social and political issues. If you are interested in examining local and global injustice through art – this course is for you! Topics studied (but not limited to) are Indigenous Rights, Feminism, Poverty, LGBTQ Rights and Environmentalism. A variety of learning tasks such as discussions and journaling will deepen your understanding of the complexity of social and political issues. Create art on an issue(s) you are passionate about.

Studio Fee \$20.00

CONCERT CHOIR 30S

1 credit

PREREQUISITE: None

This is a performance oriented course. Students will perform as part of the Vocal Ensemble in a variety of venues and events. They will learn about the anatomy of the voice, and how to sing in a healthy manner through music of multiple genres. Students will also be exposed to different repertoire of popular acapella music groups via in-class and at-home listening.

REQUIRED MATERIALS

A Music Program fee of \$20.00 is charged for Choir unless the student is already registered in Band or Guitar Method books and music sheets will be supplied at no cost to the student. Students will also be expected to have simple concert attire, consisting of black dress pants, dress shoes, and a black or white dress shirt/blouse or similarly professional shirt. All students will require pencils and erasers for rehearsal marking.

SPECIAL NOTES

Choir typically takes place during the lunch hour on alternating days, and runs throughout the entire year. Being a performance and rehearsal-based course, students will be expected to attend and participate in all scheduled rehearsals, sectionals, and performances.

CONCERT BAND 30S

1 credit

PREREQUISITE: None

Concert Band is a performance-based course, with a focus on the skills required for making music as part of an ensemble. Instruction in theory, instrumental technique, improvisation, composition, and application of skills in the lifelong appreciation of music will also be given. Students at this level are expected to exhibit a considerable degree of musical independence, and focus on increasingly finer aspects of their playing. The

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Windsor Park Concert Band performs a diverse range of historical and contemporary music across a wide variety of genres. The band is highlighted by many performances throughout the year at special events, festivals, feeder school visits, evening concerts and on the spring music trip.

EQUIPMENT / PERSONAL SUPPLIES

Students using division-owned instruments will be charged a course fee of \$120.00 plus \$20.00 music fee to defray the cost of maintenance, cleaning, repairs and supplies. Students may instead rent or purchase their own instrument, if desired. All related supplies (reeds, valve oil, etc.) will be provided by the school as available, but are ultimately the student's responsibility.

SPECIAL NOTES

Students are expected to participate in all scheduled rehearsals, sectionals, concerts and performances. Independent preparation of individual musical parts is expected and required. Students should note that Concert Band 40S can be used as a university entrance credit.

DRAMATIC ARTS (DRAMA) 30S

1 credit

PREREQUISITE: None

Drama students learn about theatre by doing warm-up games, improvisations, scenes, exercises, and formal productions. Students learn about acting and theatre history with an emphasis on "getting out of your seat and doing it". To learn how to act, students have to actually do it.

The students will study:

- Improvisation and theatre sports
- Modern play scenes
- Theatre history
- Public performance

Special notes: Drama is especially beneficial for students wishing to study the performing arts, but it is also appropriate for all students looking for a creative outlet. A great deal of emphasis is placed on encouraging creative thinking and positive teamwork.

GUITAR 30S

1 credit

PREREQUISITE: Music Guitar 20s recommended.

This is a performance oriented course. Students will perform as part of the full Guitar Ensemble, in smaller groups and in solo presentations. More emphasis will be placed on small group work. Students will expand their familiarity with the entire fret board. An increasingly divergent range of styles and playing techniques will be studied.

EQUIPMENT / PERSONAL SUPPLIES

A course fee of \$40.00 applies to all Guitar students. Method books and music sheets will be supplied by the school at no cost to the student.

SPECIAL NOTES

The study of a music instrument is a lifelong endeavor which can provide hours of enjoyment during leisure time. The dedicated musician may further their study at the undergraduate level or pursue a variety of professional careers in music.

JAZZ BAND 30S

1 credit

PREREQUISITE: Registration in Concert Band

Jazz Band is a performance-based course, with a focus on the skills required for playing jazz as part of an ensemble. Instrumentation includes trumpets, trombones, saxophones, guitar, piano, bass and drums. Band members will be given instruction in theory, instrumental technique, improvisation, and composition. Students at this level are expected to exhibit a considerable degree of musical independence, and focus on increasingly finer aspects of their ensemble playing, soloing and improvisation. The Windsor Park Jazz Band performs a diverse range of historical and contemporary music across a wide variety of genres. The band is highlighted by many performances throughout the year at special events, festivals, feeder school visits, evening concerts and on the spring music trip.

EQUIPMENT / PERSONAL SUPPLIES

Students registered in Concert Band will not be charged for using a division-owned instrument in Jazz Band. Students may instead rent or purchase their own instrument, if desired. All related supplies (reeds, valve oil, etc.) will be provided by the school as available, but are ultimately the student's responsibility.

SPECIAL NOTES:

Students are expected to participate in all scheduled rehearsals, sectionals, concerts and performances. Independent preparation of individual musical parts is expected and required. Students should note that Jazz Band 40S can be used as a university entrance credit. Jazz Band is a full-year course.

ELECTRIC GUITAR 30S

1 credit

PREREQUISITE: Music Guitar 20S

The aim of this course is to cultivate an understanding of the elements and structures of Jazz music as it relates to the guitar. The improvisation component of jazz provides an excellent outlet for creativity and self-expression. The curriculum will focus on Jazz theory and history, with an emphasis on performance.

EQUIPMENT / PERSONAL SUPPLIES

A course fee of \$20.00 applies to all Guitar students. Method books and music sheets will be supplied by the school at no cost to the student.

SPECIAL NOTES

The study of a music instrument is a lifelong endeavor which can provide hours of enjoyment during leisure time. The dedicated musician may further their study at the undergraduate level or pursue a variety of professional careers in music.

MUSICAL THEATRE 30S

1 credit

PREREQUISITE: None

Students learn about Musical theatre through performing in the musical theatre production. Students from all four grades work in the same production, and study characterization, vocal projection, blocking, storytelling, and performance while sharing a creative adventure with other members of the cast.

Special notes: This is the entry level course for students in grades ten to twelve. Students do enter the course by audition, but previous training or experience is not required. Rehearsals are after regular school hours.

THEATRE PRODUCTION 35S

0.5 credit

PREREQUISITE: None

Theatre production students work on the technical requirements for the musical theatre production. Students learn about Stage Management, lights and sound operation, set design and construction, costume design and construction, and theatrical House Management.

Special notes: This is the entry level course for students from grades ten to twelve. Work on the musical theatre production occurs after regular school hours.

VISUAL ARTS 30S

1 credit

PREREQUISITE: Preferred- Prior Experience

The 30S level course continues to provide exposure to the diversity of art created historically and currently. Initial projects are designed to lead students towards independent exploration which provides the opportunity for you to control your learning by designing your own projects through inquiry. With the support of the teacher, you will build confidence and acquires skills to strengthen your artistic voice. Create art that is challenging and meaningful to you.

Studio Fee \$20

FRENCH

FRENCH – COMMUNICATION AND CULTURE 30S

1 credit

PREREQUISITE: French 20F

This course is a participation based course where students acquire French communication skills such as reading, writing, listening and speaking while learning about French culture in Canada and around the world. A heavier emphasis is placed on the acquisition of spoken language. Be ready to speak and interact with your peers on a daily basis through small group activities, songs, and lots of games.

EQUIPMENT / PERSONAL SUPPLIES

French/English dictionary, 3 Ring binder with loose-leaf, highlighter and pen.

HUMAN ECOLOGY

GENERAL INFORMATION

- All Home Economics courses are worth 1 credit.
- There are no prerequisites for any Home Economics course. The Provincial curriculum allows for much flexibility and is designed to be non-sequential. All courses are open to any grades 10, 11 and 12 students.
- Family Studies 40S and Foods and Nutrition 40S are approved admission courses at the University of Manitoba and University of Winnipeg.
- In order to offer as many choices to students throughout their years at WPC, we may be offering courses on a rotational basis from year to year.

TEXTILE ARTS & DESIGN 30G

1 credit

PREREQUISITE: None

This is a hands-on course where the projects will be based on the experience the student has in the sewing lab. There is one required project to ensure that each student can complete required skills in the lab and the remainder of the course consists of choice projects. The focus of the class will be design and construction of textiles and textile products. Supplies for required projects are available to students in the classroom. Many supplies are also available for choice projects but if specific materials or patterns are needed, they are the student's responsibility.

FAMILY STUDIES 30S

1 credit

PREREQUISITE: None

This course involves the study of the physical, social, emotional and intellectual development of an individual from toddler through to preschool and the factors that influence this development.

Specific topics include: Role of parenting and care-giving, Toilet training, Toys and play, Language and development, Feeding, Health and safety, Independence, Guiding Behavior, Day Care, Home Routines, Children with Special Needs, Child Abuse, Sex Roles and Sibling Relationships. Options for professions involving children will also be studied.

FOOD AND NUTRITION 30G

1 credit

PREREQUISITE: None

This course promotes the development of personal health by exploring the psychology of food choices and self-assessment of eating habits. Current trends in eating behaviours are analyzed and critiqued including eating disorders and fad diets. A unit on sports nutrition covers the basic nutritional needs of an athlete as well as the issues of food supplements. We celebrate cultural diversity within the various regions of Canada; the food industry unique to Manitoba and explore Indigenous food traditions.

A course highlight are the cooking classes where students develop recipe reading skills and general cooking abilities. A variety of recipes are created which challenge students' abilities, introduce them to a variety of kitchen tools and expand their repertoire.

EQUIPMENT / PERSONAL SUPPLIES

Students require a binder and pen for each class. All other necessary equipment for practical labs is supplied.

HUMANITIES

CURRENT TOPICS IN FIRST NATIONS, METIS AND INUIT STUDIES 40S **1 credit**

Prerequisite: None

This course focuses on current issues that face aboriginal citizens of Canada in recent and current history. Students will develop an understanding and appreciation of the culture and reality of First Nations, Metis and Inuit people of Manitoba and Canada. This course is structured around four thematic units: Image & Identity, Relations with Government, Social Justice Issues, & Indigenous Peoples and the World. This is a highly interactive class with readings, guest speakers, panel discussions and field trips. Assessment: 70% term work & participation, 30% final project.

GLOBAL ISSUES: CITIZENSHIP AND SUSTAINABILITY 40S

1 credit

Prerequisite: History 30F

NOTE: We recommend that students pursuing post-secondary college or university studies consider this 40S course with its emphasis on oral and writing skills for an academic audience.

Students conduct inquiry into the social, political, environmental and economic impact of a variety of contemporary and emerging issues in the world. Through their inquiry they focus on questions of quality of life locally, nationally and globally. This course is based on the principles of active democratic citizenship, ecological literacy, critical media literacy, and ethical decision-making, and consolidates learning across the disciplines to empower students as agents of change for a sustainable and equitable future. A component of the course is the planning and implementation of a community-based action-research project.

Topics include:

- Media
- Consumerism
- The environment
- Wealth and power
- Indigenous peoples
- Peace and conflict
- Oppression and genocide
- Health and biotechnology
- Gender and identity
- Social justice and human rights

LAW 40S

1 credit

PREREQUISITE: None

This course provides an excellent opportunity for students to acquire knowledge of basic legal principles and practices, and to make them aware of their legal rights and responsibilities as they arise in everyday life.

UNITS OF STUDY INCLUDE:

- Foundations of our Legal System
- Criminal Law
- Civil Law
- Contract Law
- Other topics of interest may be covered as time permits

*Active participation, including debates, case studies, weekly newspaper readings and mock trials are included as part of this course.

PSYCHOLOGY 40S

1 credit

PREREQUISITE: None

Psychology is the study of behaviour and mental processes. Studying psychology gives students lifelong skills such as dealing with issues proactively, solving problems, learning, and nurturing healthy relationships. Psychology helps students understand themselves, and deal with issues in their own lives such as inner conflicts, relationships with parents and peers, and intimacy. It also helps students understand societal problems like drug dependency, aggression, and discrimination.

This course exposes students to the major topics found in the field of psychology. It also emphasizes the issues that are of particular direct interest and relevance to students completing high school. Students explore the scientific methods upon which psychology is based. They can then apply what they learned to their daily lives.

SPECIAL NOTES:

This course is an approved course for admission into most universities.

SOCIOLOGY 31G

1 credit

PREREQUISITE: None

This course introduces the theories, questions, and issues that are the major concerns of sociology. Students will develop an understanding of the way social scientists approach the topics they study and the research methods they use. Various social structures shape the people of different societies through interaction, socialization and groupings.

A study of culture and how it affects social growth will also be studied. Social institutions such as religion, family and education and how they are changing will also be considered.

ADVANCED PLACEMENT WORLD HISTORY (ONLINE) 42S

1 credit

Prerequisite: History 30F

Course content

Advanced Placement World History is a university-level survey course with an emphasis on Asian, African, European, and American history. The focus will be on the big picture, using a global perspective to analyze the ways in which people and societies have been connected through time.

AP World History follows a chronological approach in covering the history of civilization from prehistoric times through the twenty-first century in five units of study:

- Technological and Environmental Foundation, to 600 B.C.E (3 weeks)
- Organizations and Reorganization of Human Societies, 600 B.C.E-600 C.E (3 weeks)
- Regional and Trans regional Interactions, 600 C.E-1450 (7 weeks)
- Global Interactions, 1450-1750 (6 weeks)
- Industrialization and Global Integration, 1750-1900 (6 weeks)
- Accelerating Global Change and Realignments, 1900-Present (6 weeks)

University Credit

Each university/college makes its own decision regarding granting of credits to students writing the AP exam. Universities grant credits for AP courses based on their local mark requirements on the AP exam.

University of Manitoba AP Policies on History

- Students must earn a grade of 4.0 or 5.0 on the AP exam.
- Successful students earn a transfer of 1 full University credit (6 hours)
- Students cannot receive university credit for both AP World History and AP European History.

University of Winnipeg AP Policies on History

- Students must earn a grade of 4.0 or 5.0 on the AP exam.
- Successful students earn a transfer of 1 full University credit (6 hours)
- Students cannot receive university credit for both AP World History and AP European History.
- Students interested in writing the Optional Advanced Placement (AP) exam must pay a fee of approximately \$100.00.

The exam is written in May but the grade is not received until July. This mark is not used to calculate a student's final grade. As such, an in-school final exam is written at the completion of the course in May.

Please note that both the school exam and the AP Exam will both be written at the Arts and Technology Centre.

INDUSTRIAL ARTS

METALWORK TECHNOLOGY 30G

1 credit

PREREQUISITE: None

This course covers advanced machining techniques, using the turpet milling machine and engine lathes as well as advanced welding (MIG/TIG/GAS). The students will be working on a wide variety of projects ranging from engine building and machining, CNC operations, aluminum sublimation, art metal and Auto CAD. This course would be an asset to any student considering a career in Engineering, Aviation, Machinists, Tool and Die, Automotive, Welding, Smelting Industry or Auto body restoration.

EQUIPMENT / PERSONAL SUPPLIES

Students are expected to come to class prepared to work, with a 3-ring binder, a pencil and an eraser.

SPECIAL NOTES

Due to safety concerns, there is a dress code in effect while attending Tech. Ed programs. Safety glasses are to be worn at all times.

WOODWORK TECHNOLOGY 30G

1 credit

PREREQUISITE: Woodwork Technology 20G recommended

This program will be an extension of the Woodwork 20G program. It will include further skill development in woodworking such as more complex use of the router, table saw, radial arm saw, etc. Project work will be of a more difficult nature. One third of class time will be related theory and drafting.

EQUIPMENT / PERSONAL SUPPLIES

Students are expected to come to class prepared to work, with a 3-ring binder, a pencil and an eraser.

SPECIAL NOTES

Due to safety concerns, there is a dress code in effect while attending Tech. Ed programs. Safety glasses are to be worn at all times.

GRAPHIC COMMUNICATION TECHNOLOGY 30S

1 credit

PREREQUISITE: None

This area of study deals with the blending of technology and processes used in the graphics program. It builds on the skills developed in the 20G program and allows students the flexibility to exercise time management, quality control, and teamwork.

Some areas of study are:

- Image Generation
- Process Photography
- B/W Darkroom Processes and Photo Manipulation
- Photo Composition
- Airbrushing
- Architecture Design
- Advanced Photo Screen Printing
- Digital Photography
- Mass Production Screen Printing
- Product Illustration
- Special Notes:

This course stresses the importance of all forms of communication. Evaluation will include: individual assignments and projects, group assignments and projects, and class evaluation.

There are compulsory assignments and optional projects that will allow students to specialize in an area of interest.

FAST FORWARD CREDITS - Dual Credit Courses

*Please see student services for more information regarding Fast Forward Programming.

APPLIED COMPUTER SCIENCE (U. of W. ACS1903) (3 credit hours)

-course to be delivered at Windsor Park Collegiate.

-Dept. of Ed. course code yet to be assigned.

Applied Computer Science –

CALCULUS 42U (U. of M. Calculus: Math 1500) (3 credit hrs.)

LRSD and University of Manitoba

Prerequisite: Pre-Calculus Math 40S (recommend 70% or higher)

ELA: LITERARY FOCUS 42U (U. of W. ENGL-1000/3-001) (3 credit hrs.)

-LRSD and University of Winnipeg

This class provides students with an introduction to university-level literary study. Together we will study a range of material that suggests the vast diversity of literary work. We will discuss the theory and practice of literary criticism, and the role of historical and cultural factors in the creation and reception of literary work. Students will work to improve writing skills, research topics, and gain an

awareness of the historical perspectives and theoretical approaches that inform the study of literature. We will approach literary works with attention to detail, how authors construct texts, and the role of literature in the wider world. Instead of viewing literary texts as coded puzzles which intimidate, we will focus on analysis of their logic and method.

HUMAN RIGHTS: INTRODUCTION TO GLOBAL CITIZENSHIP (U. of W. HR-1200-510) (3 credit hours)

INDIGENOUS STUDIES (U. of W. IS-3001) (3 credit hours)

PHYSICAL EDUCATION KINESIOLOGY 42U (U. of W. KIN-1101) (3 credit hrs.)

-LRSD and University of Winnipeg

This course is an introduction to the study of human movements, considering knowledge, theory, and application related to physical activity and sport. Human movement is examined from various perspectives, including exercise physiology, biomechanics, motor learning, sport psychology, sport ethics, and sport sociology. This course also includes a review of kinesiology-based career Electives.

WPC Special Programs: Online Program

All high school students in the LRSD are eligible for these courses with the approval of their high school administration. Various circumstances can make online courses an appropriate Elective for some students:

- course conflict
- full schedule
- course not offered at their home school
- school absence due to illness/surgery, elite athletics, etc.
- the need to change or add a course once the term has started

What to Expect

Taking a course online is challenging and requires students to be willing to commit the same amount of time as they typically would in a face-to-face classroom environment. Past experience indicates that interested students should possess the following characteristics:

- capable of an appropriate level of independent learning
- excellent time management skills
- a willingness to contribute to discussions and to share problems and opinions online

An online course delivery tool called **WebCT** is used to deliver course content. Teachers provide students with course outlines, assignments, tests and feedback using this system and e-mail. Course content is available on the Internet at all times.

The following online courses will be offered in 2019–2020

AP Calculus 42S (all year)	Essential Mathematics 30S
AP World History 42S (all year)	Essential Mathematics 40S
Applied Mathematics 30S	History 30S
Applied Mathematics 40S	Physical Education 30S (English/French)

Biology 30S (first semester)	Physical Education 40S (English/French)
Biology 40S (first semester)	Physics 30S (first semester)
English Transactional Focus 30S	Physics 40S (first semester)
English Comprehensive Focus 40S	Pre-Calculus 30S (second semester)
English Transactional Focus 40S	Pre-Calculus 40S (second semester)

Candidates for the Program

Ideally, students interested in registering for an online course should be self-motivated, capable of independent learning and have excellent time management skills. Students will be responsible for meeting deadlines, completing assignments and contributing to online discussions while working in the online environment. Students will have a school contact teacher to facilitate communication and provide additional support.

Application forms can be obtained from the Students Service Department.

Secondary Education Information

Graduating from high school does not automatically qualify students to attend university and/or college. Each Post-Secondary Institution has its own set of entrance requirements and criteria. Visit the websites for the most up to date information on program entrance requirements. If you are unsure, about your course selection, make an appointment in the Academic Centre to go over your choices.

A general rule for schools in Manitoba – you will need 5, grade 12 level courses – not including Phys. Ed.

University of Manitoba – www.umanitoba.ca – click on Future Students on the Home page.

University of Winnipeg – www.uwinnipeg.ca - click on Future Students on the Home page.

Red River College – www.rrc.mb.ca – click on Programs & Courses on the Home page

Louis Riel Art and Technology Centre & Winnipeg Tech Centre: Resources are available in the Academic Centre.