

Magrath High School

Student & Parent Registration Guide 2020-21

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Introduction:

MHS offers students a variety of academic, technology, and fine arts courses. The purpose of this booklet is to assist students and their parents in selecting appropriate classes for the coming year. If you have any questions or concerns please contact the school administrators or [academic advisor](#). Please carefully consider your class selection, as changes later may not be possible. **The class schedule for next year will be built according to the classes you choose.** The choice of courses you make should be based on your previous achievements, interests, abilities, goals, etc. A student's program is subject to the final approval of the principal, advisor or counselor and the availability of classes.

Resources/Information:

- Magrath High School- Administration: Principal – [Mr. Brad Sabey](#), Vice-Principal- [Mr. Russ Sommerfeldt](#), Vice-Principal- [Mr. Ryan Blackmore](#)
- Academic Advisor: [Mr. Mike Hansen](#)
- MHS Web site—www.westwind.ab.ca/MHS
- PowerSchool-- <http://ps.westwind.ab.ca>
- Alberta Education— <http://www.education.gov.ab.ca>
- Westwind Advising Page <https://www.westwind.ab.ca/services/academicadvisors>
- MyBlueprint (track and plan your academic future) www.myblueprint.ca
- Alexander Rutherford Scholarship (earn up to \$2,500)
<https://studentaid.alberta.ca/scholarships/alberta-scholarships/alexander-rutherford-scholarship/>
- Other Scholarship opportunities www.scholarshipscanada.com

My Blueprint

The MyBlueprint App is a one stop shop for your Academic and Career planning. It tracks all of your completed courses, updates you on your Rutherford scholarship earnings, allows you to explore your interests and relative careers, and even shows you the schools in Canada that offer related programs, including admission requirements. Here is a [How To video](#) on how to sign up. Using the MyBlueprint App is essential to tracking your academic plan.

Credits:

Credits are awarded for each class you take and pass. Each credit represents 25 hours of classroom instruction. Most courses are 3-credit, 5-credit, or 1-credit modules (CTS). A full schedule for the year is usually eight 5-credit classes (40 credits). Two 3-credit classes equal one 5-credit class on the schedule.

Usually, grade 10 level class numbers begin with a 1, grade 11 classes begin with a 2, and grade 12 classes begin with a 3. (e.g. Social 10-1; Social 20-1; Social 30-1.)

Retroactive Credits:

Students who do not pass a class (less than 50%) may repeat the class or may take the next higher class in the alternate sequence, subject to the approval of the principal. (MHS policy--if the mark is 40% to 49%.) Students who then successfully pass this alternate sequence class will be granted retroactive credit for the prerequisite class.

Courses Eligible for Retroactive Credit		
Failed Class 40% – 49%	Alternative Class 50% →	Class Eligible for Retro Credit
English 10-1	English 20-2	English 10-2
Social 10-1	Social 20-2	Social 10-2
Math 10-C	Math 20-3	Math 10-3
Science 10	Science 24	Science 14

Prerequisites:

In order to receive credit for a class, a student must obtain a mark of at least 50%. Successful completion of the prerequisite class is required before taking the next level class (e.g. Social 10-1 → Social 20-1). If a student does not have the prerequisite class, they will be withdrawn from the class and/or marks withheld. While administrators, counselors, and teachers continually check to see that students have the prerequisites for the courses in which they are registered, it is the student's responsibility to make sure prerequisites are taken and that choices meet the requirements for graduation. Do not register for classes ahead of grade level without the permission of the Principal.

Alberta High School Diploma Requirements:

Students need 100 credits to be awarded the Alberta High School Diploma. **The High School Diploma does not necessarily grant admission to post-secondary institutions.** Students are responsible to plan their programs according to their goals. Please seek advice from an [advisor](#) and utilize [MyBlueprint](#) for entrance standards.

Subject	Courses Needed (Minimum)	Eligible Courses	Diploma Exam Required
English	Must have: Eng. 30-1 or Eng. 30-2	English 10-1 or 10-2 20-1 or 20-2 30-1 or 30-2	Yes, Both English 30-1 & 30-2
Social Studies	Must have: Social 30-1 or Social 30-2	Social Studies 10-1, 10-2, 20-1, 20-2, 30-1, 30-2	Yes, Both Social 30-1 & 30-2
Math	Must have: One @ Grade 11 level.	Math 10-3, 20-3, 10C 20-1 or 20-2 30-1 or 30-2 Math 31	Yes, Diploma exam in 30-1 and 30-2 Only
Science	Must have: One @ Grade 11 level.	Science 14, 24 Science 10 Biology 20, 30 Chemistry 20, 30 Physics 20, 30	No No Yes for 30 course Yes for 30 course Yes for 30 course
P.E.	1 (3 credits)	P.E. 10	No
CALM	1 (3 credits)	CALM	No
CTS/ Fine Arts/ Second Language/ P.E. 20/30	2 (10 credits)	See Course Descriptions	No
Grade 12 level courses other than English & Social	10 credits of grade 12 classes other than Eng & SS	Any courses at the 30 level other than English & Social.	Depends on choice (see above).

Course Selection:

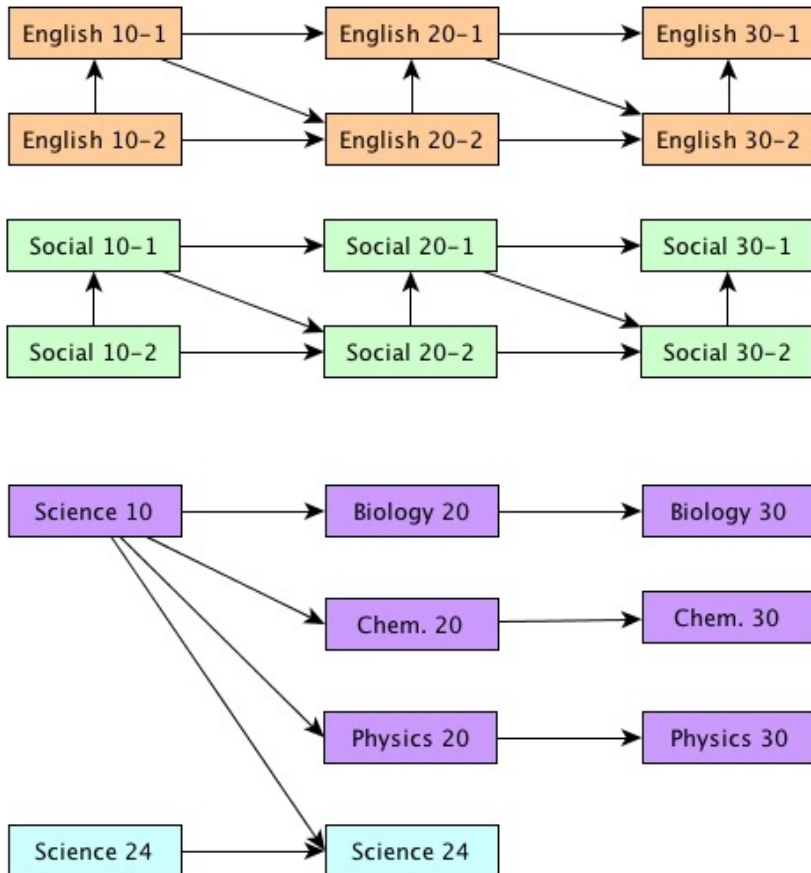
Past experience has shown that Grade 9 students coming into grade 10 should have a certain recommended mark in order to succeed in High School classes.

The following shows this guideline/policy:

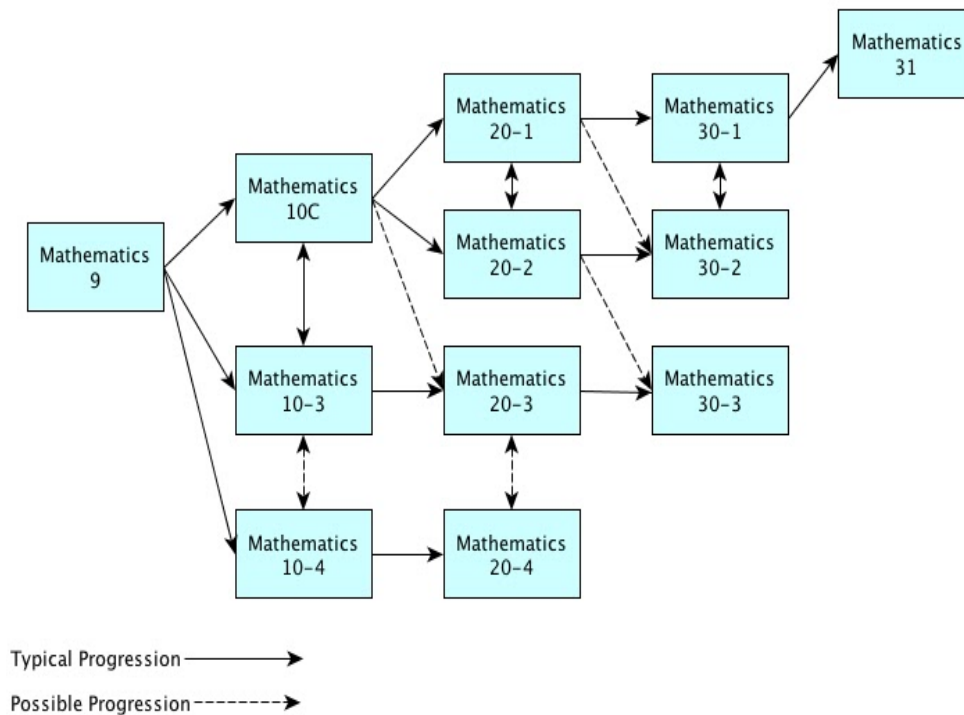
Course	Course Mark Recommended	Eligible High School Course
Language 9	60% or higher 59% or lower	English 10-1 English 10-2
Social Studies 9	65% or higher 64% or lower	Social 10-1 Social 10-2
Math 9	50% must pass Math 9 49% or lower	Math 10C Math 10-3
Science 9	60% and not taking Math 10-3 59% or lower	Science 10 Science 14

Transfer Points:

The following routes show course selections that allow or limit choice of classes. A student should consult with a counselor when deciding to move to an alternate path.



Math Progression through Course Sequences



COURSE DESCRIPTIONS

Art 10/20/30 - 5 Credits each

The Art 10 course explores two areas. One, the five basic elements of design that make up any drawing, painting, or design and two, hand molding techniques of pottery. Students learn how to use line, shape, texture, space and color as well as a variety of materials to create works of art and build a portfolio of forty to fifty art assignments.

Career and Technology Studies (CTS) - 1 Credit Modules

All courses within the Career and Technology Studies (CTS) curriculum are made up of **one-credit** modules. The time requirement for CTS modules is about 25 hours/credit. A student may be able to complete more modules and receive more credits in the time allotted. If you have questions or concerns regarding CTS, please talk with the teacher for the subject area concerned. Possible CTS courses that could be offered this coming year at the Magrath High School are:

Agriculture 10-20-30 - learn about the 'how' and 'why' of producing agricultural and/or horticultural products. Understand how to support development and efficient use of our natural resources. Working toward the conservation and responsible use of energy and natural resources in the agriculture industry. Green Certificate available as well.

Foods 10-20-30 - planning and preparing nutritional food and in safe food handling.

Construction Tech 10-20-30 is a CTS course that provides an opportunity for the student to develop skills that can be applied in their daily lives, or when preparing for the workplace. Students develop skills in mechanics, wood construction and fabrication.

Cosmetology 10-20-30 - Cosmetology 10-4 - learn about safety and knowledge of tools (extend at higher course levels) - develop knowledge and skills in hair dressing, hair cutting and skin care. Cosmetology 20-4 and 30-4 focus on hair cutting, dressing and care. Esthetics 20-4 and 30-4 develop knowledge and skills in make-up and skin care - take both courses, if possible, at the 20 and 30 levels to enhance employability.

Journalism 15-25-35 - understand and evaluate the impact, responsibility and ethics of media in society; understand audience and purpose in relation to journalistic texts; create and publish media texts; apply technology effectively to enhance production of print and multimedia texts; collaborate and problem solve while creating media texts; apply the skills of analysis, self-evaluation and goal setting in the production and post-production process.

Outdoor Education 15-25-35 - students will utilize the great outdoors as a classroom and incorporate many skills to learn how to live an active and healthy lifestyle. The focus of these courses is on building outdoor skills such as leadership, excursion, trip planning, wilderness navigation, survival, outdoor cooking and utilizing those skills both in the classroom and the outdoors.

Psychology 20 (General Psych/Personal Psych/Sports Psych) – Develop the skills and understandings that make it possible for more effective living in our complex environment. The student's attention will focus on the scientific approach to understanding human behaviour so that he/she may appreciate more fully the reasons that individuals act in particular ways. Each course is a 3-credit academic option at the 20 level so students should be prepared for a significant work load, although a lot of class time is given for the work.

Wildlife 10-20-30 - learn about our relationship with the natural environment and consider the impact of our pursuits on species and ecosystems.

Choral Music 10, 20, 30

The choral music program seeks to develop musical competency and strives for excellence within the limits of the student's capabilities. The concepts of rhythm, melody, harmony, form and expression provide the intellectual framework of the music program. Concepts are essentially taught through student participation in the skill areas of singing, playing, listening, reading (and writing) and creating.

Drama 10/20/30

Develop performance and technical skills in eight dramatic disciplines (movement, speech, improvisation, acting, theatre studies, technical theatre design, playwriting and directing). Develop your creativity and work with others to bring dramatic situations to life and become more confident in yourself and in collaboration. Demonstrate increased sophistication and refinement of skills as you advance.

English 10-1; 20-1; 30-1 - 5 Credits each

English 10 is designed for students intending to pursue further academic studies at the university level and emphasis is placed on the academic background and skills needed for university work. Approximately one-half of classroom instruction time is spent studying literature and one-half improving writing skills. The reading list includes short stories, one Shakespearean play, novels, non-fiction selections, short non-fiction essays, and poetry. Selections representing different historical periods from Canadian, American, and British literature are included in the course.

English 10-2; 20-2; 30-2 - 5 Credits each

English 10-2 is designed for students intending to go to vocational school or for students who will be seeking employment immediately after leaving high school. Approximately one-third of

classroom instruction time is spent improving writing skills, one-third reviewing basic language skills, and one-third studying literature. The reading list includes short stories, plays, novels, non-fiction selections, short non-fiction essays, and poetry.

Inst. Music 10; 20; 30 (Band) - 5 Credits each

Through "active" participation in the Symphonic Concert Band the interested student may achieve a high level of proficiency in playing music on their chosen instrument. Other opportunities for advancement in this regard include the Jazz Band, small ensembles, solos, festival participation, and marching band.

A varied repertoire of band literature will be introduced including marches, medleys, folk, country, swing, jazz, rock, classical arrangements, and the traditional band music. Generally, the student will own his/her own instrument, although in some cases it may be possible to rent a school-owned instrument for a nominal fee. Students are required to participate in the Band Concerts and the Spring Band Tour.

Math 10C; 20-1; 30-1 - 5 Credits each

Math 10C, 20-1, 30-1 emphasizes mathematical theory and the use of algebra and graphing to solve problems. Graphing calculators are heavily used in this course. Math 30-1 is required for post-secondary programs, such as engineering, physics and commerce. All students must have a graphing calculator. Teachers will be demonstrating and assisting in the use of the TI-83 calculator only (& latest version).

Math 10C-2; 20-2; 30-2 - 5 Credits each

Math 10C 20-2, 30-2 emphasizes the application of mathematics and the use of numerical and geometric approaches to solve problems. This course may be used as an entrance requirement into post-secondary programs whose main focus is not mathematics. It is strongly recommended that all students have a graphing calculator. Teachers will be demonstrating and assisting in the use of the TI-84 calculator only.

Math 10-3; 20-3,30-3 - 5 Credits each

Math 10-3, 20-3 are designed for students whose needs, interests and abilities focus on basic mathematical understanding. The emphasis is on the acquisition of practical life skills and students are provided with opportunities to improve their skills in working with mathematics. Students who successfully complete Mathematics 20-2 may choose to enter directly into a job or select from a limited number of trade programs.

PE 10 / CALM (6 credits) (Boys & Girls - coed classes) PE20 3/5 Credits; PE30 5 Credits

Physical Education 10 gives the student an opportunity to improve their physical fitness and engage in team and individual sports. Physical Education 10 is a participation class that requires students to have gym clothes every day. **Physical Education 10 is required for a high school diploma.** Grade is based on participation skills and written exams. Some activities that are taught include the following: aerobics, basketball, volleyball, tennis, badminton, golf, fitness, weights, ice hockey, flag football, field hockey, soccer, swimming, etc.

The CALM course is a requirement for all students in order to receive a high school diploma. The purpose of the course is to help students identify and better understand their skills, values and interests so they can more effectively manage their lives. Students should take CALM in grade 10.

Science 14; 24 - 5 Credits each

Science 14 is a general science course, broad in scope. It is generally informational and is not math oriented. Science 14 helps fulfill high school diploma requirements in science. It is strongly recommended that students registered in Math 10-3 register for Science 14 and not Science 10.

Science 10 - 5 Credits **Biology 20, 30; Chemistry 20, 30; Physics 20- 30;** – 5 credits each
Science 10 is an academic science course designed to prepare students for Chemistry 20, Physics 20, and Biology 20. Topics covered are matter, energy, and change. A grade of 60% or better is recommended to go onto Biology, Chemistry, Physics.

Social Studies 10-1; 20-1; 30-1 - 5 Credits each

Social Studies 10 is designed to give students an in-depth understanding of Canada. In this course, students will gain an understanding of forces and events that have influenced the development of Canada and are shaping the lives of Canadians today. Students will also acquire an understanding of the structure and function of the Canadian government as well as a willingness to exercise the rights and duties of citizenship in Canadian society.

Social Studies 10-2; 20-2; 30-2 - 5 Credits each

Students will examine some of the forces that have shaped Canada and the factors that give Canadians their unique identity. Students will also gain an understanding of the rights and responsibilities of citizenship and the knowledge and skills necessary for participation in the Canadian political process and in Canadian society. Social 13 contains much of the same information as Social 10, but not as in-depth.

Spanish 10; 20 - 3 Credits each

Spanish 10 & 20 is an introduction to a language spoken by over 400 million people worldwide. In the program students are introduced to basic language structures and expressions that will allow them to communicate basic needs and desires with a native Spanish speaker. In addition to language instruction culture and traditions are also an important part of the class. Food, festivals and customs are regularly enjoyed. Globalization is more evident by the day. A student who can speak another language will likely have an advantage in the workplace and possibly a more enjoyable holiday in the many Spanish speaking destinations.

Other ways to earn credit outside of school time:

Work Experience (Grade 12 only) (3 or 5 credit with a total towards graduation of 15). If you have a job for the summer and would like credit, talk with admin or counselor prior to each summer.

Special Projects (3 or 5 credits) Usually grade 11 or 12 only. Please see the Academic Advisor for more information.

Choral (3 or 5 credits each level) Offered during lunch twice a week throughout the year.

Green Certificate* (16 credits) - students work at home, no written tests, Cow/Calf, Equine, Crops, etc.

RAP* – Registered Apprenticeship Program (40 possible credits)

Sports Performance – Completed independently, earn credit as you learn to train safely and improve your personal fitness.

*-See Mr. Hansen for more information

Planning Guide - Pre-Registration Choices

Grade 10			Grade 11			Grade 12			
√	Class	c	√	Class	c	√	Class	c	√
	English 10-1	5		English 20-1	5		English 30-1	5	
	English 10-2	5		English 20-2	5		English 30-2	5	
	Social 10-1	5		Social 20-1	5		Social 30-1	5	
	Social 10-2	5		Social 20-2	5		Social 30-2	5	
	Math 10C	5		Math 20-1	5		Math 30-1	5	
				Math 20-2	5		Math 30-2	5	
	Math 10-3	5		Math 20-3	5				
	Science 14	5		Science 24	5				
	Science 10	5		Biology 20	5		Biology 30	5	
				Chemistry 20	5		Chemistry 30	5	
				Physics 20	5		Physics 30	5	
	PE 10/CALM	6		PE 20	3/5		PE 30	5	
	Inst. Music 10	5		Inst. Music 20	5		Inst. Music 30	5	
	Spanish 10	5		Spanish 20	5				
	Art 10	5		Art 20	5		Art 30	5	
	Foods 10	3		Foods 20	3		Foods 30	3	
	Shop 10	3		Shop 20	3		Shop 30	3	
	Cosmetology 10	3		Cosmetology 20	3		Cosmetology 30	3	
	Agriculture 10	3		Agriculture 20	3		Agriculture 30	3	
	Sports Psychology	3		Personal Psychology	3		General Psychology	3	
	Journalism 15	3		Journalism 25	3		Journalism 35	3	
	Wildlife 10	3		Wildlife 20	3		Wildlife 30	3	
	RS 15 (Seminary)	3/6		RS 25 (Seminary)	3/6		RS 35 (Seminary)	3/6	
	Work Exp. 15*	5		Work Exp. 25*	5		Work Exp. 35*	5	
	Choral Music 10*	3		Choral Music 20*	3		Choral Music 30*	3	
	Green Certificate*			Sports Performance*	3		RAP*	40	
	Minimum Credits	42-44		Minimum Credits	36-38		Minimum Credits	30-32	
	TOTAL YEAR 1			TOTAL YEAR 2			TOTAL YEAR 3		

Online Registration Instructions:

1. Go to: ps.westwind.ab.ca
2. enter your username and password.
3. go to class registration
4. click on pencil at right
5. Select classes (42-44 credits)
6. Hit submit

Note: The system times out if you take too long.

High School Requirements

ALBERTA HIGH SCHOOL DIPLOMA MINIMUM REQUIREMENTS 100 CREDITS

Earn a minimum of 100 credits. Successfully complete the following courses:

- English 30-1 or 30-2*; AND
- Social 30-1 or 30-2*; AND
- Math 20-1 or 20-2 or 20-3; AND
- Science 20 or Science 24 or Biology 20 or Chemistry 20 or Physics 20 or Science 14 and 10; AND
- Physical Education (PE) 10; AND
- Career and Life Management (CALM); AND

Earn 10 credits, in any combination:

- Career and Technology Studies (CTS) courses
- Fine and Performing Arts courses
- Second Languages* courses
- Physical Education 20 and/or 30
- Knowledge & Employability (K&E) courses
- Registered Apprenticeship Program (RAP) courses
- Locally Developed and Authorized courses in CTS, fine arts, second languages or K&E occupational courses AND

Earn 10 more credits, in any 30-level course (in addition to English 30-1 or 30-2 and Social 30-1 or 30-2) from:

- 30-level Math, Science, Fine Arts, Second Languages, or PE
- Advanced Level (3000 series) CTS courses
- 30-level Locally Developed and Authorized courses
- 30-level Work Experience courses
- 30-level Registered Apprenticeship Program (RAP) courses
- 30-level K&E courses
- 30-level Green Certificate courses

***IMPORTANT:** You are encouraged to explore many options in high school; be sure to gain the prerequisites to complete the 10 credits in 30-level courses other than English and Social.

Provincial diploma exams are required for: English 30-1 & 30-2; French Language Arts 30-1; Social 30-1 & 30-2; Math 30-1 & 30-2 (in English or French); Science 30, Biology 30, Chemistry 30, and Physics 30. Final marks in these courses are a blend of school marks and the Diploma Exam marks (your Diploma Exam is worth 30%; your school mark is worth 70%).

Rutherford Scholarship Requirements Snapshot

Course Requirements

Use the charts below to understand course requirements and take note of the changes to the award amounts you may be eligible for depending on the year you completed high school.

High School - Graduated after April 1, 2008

Grade 10	Grade 11	Grade 12
<ul style="list-style-type: none"> • Average of 75.0% to 79.9% in five courses - \$300* • Average of 80% or higher in five courses - \$400 	<ul style="list-style-type: none"> • Average of 75.0% to 79.9% in five courses - \$500* • Average of 80% or higher in five courses - \$800 	<ul style="list-style-type: none"> • Average of 75.0% to 79.9% in five courses - \$700* • Average of 80% or higher in five courses - \$1,300
<p>Average is calculated from 5 designated courses *Option/Career and Technology Studies (CTS) may also be considered (See below).</p>		
<p>One of:</p> <ul style="list-style-type: none"> • English 10-1, 10-2 • Français 10-1 or 10-2 	<p>One of:</p> <ul style="list-style-type: none"> • English 20-1, 20-2 • Français 20-1 or 20-2 	<p>One of:</p> <ul style="list-style-type: none"> • English 30-1, 30-2 • Français 30-1 or 30-2
<p>At least two of:</p> <ul style="list-style-type: none"> • Mathematics 10C • Science 10 • Social Studies 10-1 or 10-2 • A language other than one used above at the Grade 10 level. 	<p>At least two of:</p> <ul style="list-style-type: none"> • Mathematics 20-1, or 20-2 • Chemistry 20 • Physics 20 • Science 20 • Biology 20 • Social Studies 20-1 or 20-2 • A language other than one used above at the Grade 11 level. 	<p>At least two of:</p> <ul style="list-style-type: none"> • Mathematics 30-1, 30-2 or 31 • Science 30 • Social Studies 30-1 or 30-2 • Biology 30 • Chemistry 30 • Physics 30 • A language other than one used above at the Grade 12 level.
<p>Any two courses with minimum three credit value at Grade 10 level (1000 or 4000 series) including those listed above and combined introductory CTS courses.</p>	<p>Any two courses with minimum three credit value at Grade 11 level (2000 or 5000 series) including those listed above and combined intermediate CTS courses.</p>	<p>Any two courses with minimum five credit value at Grade 12 level (3000, 6000 or 9000 series) including those listed above and combined advanced CTS courses.</p>