

# SENIOR HIGH SCHOOL PROGRAM GUIDE 2018 – 2019



## DAYSLAND SCHOOL

5210 - 50 Street / Box 340  
Daysland, Alberta T0B 1A0

Phone: 780.374.3676 Fax: 780.374.2418

[www.brsd.ab.ca/daysland](http://www.brsd.ab.ca/daysland)



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## **MESSAGE FROM THE PRINCIPAL**

I am pleased to welcome all new and returning high school students to Daysland School for the 2018-2019 school year. We pride ourselves in preparing students for post-secondary education or transitioning directly into the work force. All students are encouraged to participate fully in their high school experience to make these years as successful, rewarding and enjoyable as possible. We are here to guide and assist them along their individual learning journeys.

The purpose of this guide is to provide students and parents with information about the courses and programs that we intend to offer next year. However, there is the possibility we may need to cancel any courses for which an insufficient number of students pre-register.

High School offers students a wider range of subjects than were available in junior high grades, and students will be required to make some choices. We encourage students to plan a program that includes exposure to as wide a variety of courses as possible within their timetables. As you read through this guide, please note the course descriptions, prerequisites and teacher recommendations for enrolling in courses or programs. Students are encouraged to consult with their parents and teachers in planning their program for their high school years. Although teachers, administrators and counsellors are available to advise students, the final responsibility for course selection rests with students and parents.

Hopefully you will find this program guide informative. If you need more information or would like to meet with us or tour the building, please give us a call. We look forward to working with you and your child in the coming year.

Mr. Jerrit Brandt  
Principal  
Daysland School

## REGISTRATION PROCEDURES AND INFORMATION

Individual students (and their parents) should begin the registration process by reading this booklet carefully.

**In the spring of 2018**, students will be asked to indicate which courses they are interested in taking during the 2018-2019 school year. Students are advised to consult with parents and the career counsellor or administrative personnel before making their course selections.

It is our goal to offer students at Daysland School as wide a range of high school courses as is practical and possible. Past experience has shown that actual student interest and enrolment may be insufficient to justify offering certain courses. A minimum number of students is required before we will consider offering a course, and in some cases courses may need to be combined. However, Alberta Distance Learning, Battle River On Line, or CTS programming may allow for extra student courses to be offered where numbers are lower or where courses cannot be taught in a conventional manner (mainly at the grade 11 and 12 levels). In some courses a maximum enrolment number will exist. Cut-off may be based on student grades and program routes, as well as availability of other courses.

On the basis of the preliminary registrations, a tentative timetable will be developed, and students will be scheduled into the classes that they identified.

Final registration, if necessary, will take place at the end of August, a few days prior to the beginning of school (specific dates to be announced later), and during the first day or two of classes in Semester 2. All student programs require administrative approval.

Changes to specific course enrolment will be considered within the first week of any semester, after consultation with parents and counsellor and with approval of school administration. **The registration process is incomplete until a parent consent form is signed and returned to the school.**

Most regular and distance learning courses at the high school level are on a semester system. However, a few might be offered over a full year, depending on staffing, timetabling and program needs. The scheduling of courses is subject to adequate enrolment, availability of teaching personnel and other factors, and is finalized at the start of the school term. Some distance learning courses may be offered where there are timetable conflicts or students are unable to fit in a course necessary for their high school diploma or program route. Selection and enrolment in distance learning courses will require approval of school administration.

# PLANNING YOUR HIGH SCHOOL PROGRAM

## STEP ONE

### Know the Graduation Requirements for an Alberta High School Diploma

To earn an Alberta High School Diploma, students successfully complete certain courses and earn a minimum of 100 credits. They may, however, earn more than 100 credits. Having a full program (timetable) in senior high school allows students to explore a wider variety of courses and develop other interests and abilities that may help them in the future. The requirements below are the minimum requirements for a student to attain an Alberta High School Diploma. The requirements for entry into post-secondary institutions and workplaces may require additional and/or specific courses.

- A minimum of 100 credits including the following:
- English Language Arts – 30 level (ELA30-1 or 30-2)
- Social Studies – 30 level (Social Studies 30-1 or 30-2)
- Mathematics – 20 level (Mathematics 20-1, 20-2 or 20-3)
- Science – 20 level (Science 20, Science 24, Biology 20, Chemistry 20 or Physics 20)
- Physical Education 10 (3 credits)
- Career and Life Management (CALM) 20 (3 credits)
- 10 or more credits in any combination from:
  - Career and Technology Studies (CTS)
  - Fine Arts courses
  - Second Languages courses
  - Physical Education 20 and/or 30
  - Knowledge and Employability courses
  - Registered Apprenticeship Program (RAP) courses
  - Locally developed/acquired and authorized courses in CTS, fine arts, second languages or Knowledge and Employability occupational courses
- 10 or more credits in any 30-level courses (in addition to a 30 – level English Language Arts and a 30 – level Social Studies course as specified above).

### Know the Requirements for a Certificate of High School Achievement (Knowledge and Employability)

Students who are enrolled in Knowledge and Employability courses and who satisfy the requirements are awarded a Certificate of High School Achievement. The requirements indicated are the minimum requirements for a student to attain a Certificate of High School Achievement. The requirements for entry into post-secondary institutions and workplaces may require additional and/or specific courses.

- earn a minimum of 80 credits
- complete and meet the standards of the following courses:
  - English 20-2 or 30-4
  - Math 10-3 or 20-4
  - Science 14 or 20-4
  - Social 10-2 or 20-4
  - Physical Education 10 (3 credits)
  - Career and Life Management (CALM) 20 (3 credits)
  - 30 - Level Knowledge and Employability occupational course, or 30 - Level Career and Technology Studies (CTS), or 30 – Level locally developed course with an occupational focus (5 credits)
  - 30 - Level Knowledge and Employability Workplace Practicum course, or 30 - Level Work Experience course, or 30 – Level Green Certificate course, or 35 – Level Registered Apprenticeship Program (RAP) course (5 credits)

## STEP TWO

### **Consider Your Needs and Goals**

You have your own needs, interest and talents. It is a good idea to spend some time thinking about your personal goals so that choosing courses is a meaningful process. You are encouraged to keep as many options open as possible. This means that you would be wise to register for the highest sequence of courses for which you are eligible. You're better off having a course you don't need than needing a course you don't have.

## STEP THREE

### **Check Entrance Requirements of Post-Secondary Institutions**

The entrance requirements for post-secondary programs vary from institution to institution and program to program. Students are advised to consult the calendar of the institution for specific details before they select their high school courses. Calendars are available from the school counsellor. Students should plan their high school programs on a three-year basis by selecting courses for all three levels that will satisfy diploma requirements, individual interests and aspirations or goals. The school counsellor can also assist students with deciding which courses should be taken in high school to ensure success in the future and in post-secondary education.

## STEP FOUR

### **Understand the Battle River School Division Student Assessment Procedure**

In Battle River School Division, the assessment of senior high students' understanding of learner outcomes is derived and reported using percentages. At the end of a senior high course, a percentage mark is reported to Alberta Education.

## STEP FIVE

### **Understand the Alberta Education Credit and Course Numbering Systems**

#### **a) Course Credit Requirements**

In Alberta high schools, credits are awarded to students when they show that they have learned what is expected for a particular high school course. One credit is equal to 25 hours of instruction time. The Daysland timetable is constructed to ensure a minimum of 125 hours for a 5-credit course (full course) and about 65-75 hours for a 3-credit course (half course). Modules of approximately 20-25 hours make up one credit in the CTS courses. The total credit value of all subjects that may be taken by a student in any year is approximately 40. (Note: Daysland School is part of the High School Redesign project, and has been released from the rigid time requirements detailed above. It is possible for a student to earn a credit in less than 25 hours, and total credits obtained in a year may exceed 40.) All high school courses require a grade of at least 50% in order for the student to obtain credit. Students receiving a mark of less than 65% and wishing to continue with the 10, 20 and 30 – level courses should consider a number of options, which may include repeating the course or switching to alternate courses.

#### **b) Retroactive Credits**

Students who receive a grade of 40% to 49% in certain courses will be granted retroactive credit the following year, provided the student passes the next higher level course in an alternate stream the following year.

e.g. If a student fails English Language Arts 10-1 with a mark of 45%, the student may advance to English Language Arts 20-2 the following year and if the student passes English Language Arts 20-2, he/she will be granted credits in not only English Language Arts 20-2 (5 credits) but also English Language Arts 10-2 (5 credits), retroactively.

This provision applies to English Language Arts, Mathematics, Social Studies and certain Science courses.

Students will be extended this option if their mark is 40% or better in the failed course. Generally, unless there are extenuating circumstances, students with marks less than 40% will be asked to repeat the course or to take the parallel course in the alternate stream. For example, a student receiving a mark of 31% in Science 10 would normally have the option of repeating Science 10 or taking Science 14.

### **c) Course Numbering System**

- Grade 10 courses are numbered between 10 & 19
- Grade 11 courses are numbered between 20 & 29
- Grade 12 courses are numbered between 30 & 39

### **d) Prerequisites and Course Sequences**

A prerequisite is the course required to gain admission to a higher level course in a program sequence.

- e.g. English Language Arts 10-1 is the prerequisite for English Language Arts 20-1  
English Language Arts 10-2 is the prerequisite for English Language Arts 20-2

English Language Arts 10-2 cannot be used as the prerequisite for English Language Arts 20-1 (different program sequence). 50% must be obtained to proceed to the next higher course in the same program sequence. e.g. 50% in Science 10 → 50% in Biology 20 → Biology 30

Students should check the recommended prerequisite before selecting a course to make sure that they are eligible.

Completion of Science 30, Biology 30, Chemistry 30, Physics 30, Mathematics 30-1 / 30-2, English Language Arts 30-1 / 30-2, and Social Studies 30-1 / 30-2 require the writing of a provincial diploma exam.

### **e) What Happens if I Pass or Fail?**

What if I took English Language Arts 10-1 in Grade 10 and

1. Passed? I could take English Language Arts 20-1.
2. Failed? I could take English Language Arts 20-2, if my English Language Arts 10-1 mark was between 40 - 49%.  
I could repeat English Language Arts 10-1.  
I could take English Language Arts 10-2.

What if I took English Language Arts 10-2 in Grade 10 and

1. Passed? I would take English Language Arts 20-2 in Grade 11 or register in English 10-1.
2. Failed? I would have to repeat the English Language Arts 10-2 course in Grade 11.

The same situations also occur in Mathematics, Social Studies, and those Science courses in which more than one program sequence of courses appears.

## **STEP SIX**

### **Know the Awards for Academic Achievement**

Scholarships are offered by post-secondary institutions, businesses and organizations to students who achieve outstanding marks and who are exemplary citizens.

### **a) The Alexander Rutherford Scholarships**

Students may earn up to \$2500 toward their post-secondary education based on their high school marks. Students who have an average of 80% or higher in five specific subjects qualify for \$400 based on grade 10 marks, \$800 based on grade 11 marks and \$1300 based on grade 12 marks. Students who have an average of 75% - 79.9% in five specific subjects qualify for \$300 based on grade 10 marks, \$500 based on grade 11 marks and \$700 based on grade 12 marks. Please see the career counselor for further details. Scholarships are awarded after enrolment in a post-secondary institution. Students must apply for the scholarship at the end of grade 12.

### **b) Other awards and scholarships**

Other awards and scholarships are available for students going on to post-secondary institutions. Information can be obtained from the career counselor. Check out [www.scholarshipscanada.com](http://www.scholarshipscanada.com) and [www.alis.gov.ab.ca/scholarships](http://www.alis.gov.ab.ca/scholarships) as a good starting point.

## **STEP SEVEN**

### **Select Your Courses**

Plan your high school program on a long-term basis. Select courses for all three grade levels that will satisfy your interest, aspirations and diploma requirements. Use the chart on the last page to list the courses in which you wish to enroll.

## **STEP EIGHT**

### **Monitor Your Plan**

Each semester review your marks and your three-year plan. It may be necessary to adjust your courses based on academic achievement or changing interests.

## **ELIGIBILITY TO PARTICIPATE IN SPRING EXERCISES**

To be eligible to participate in Spring Exercises (Grad), students must meet the following criteria:

- Be in Grade 12
- Not have previously participated
- At the time of the exercises be registered in sufficient courses to have a reasonable likelihood of meeting the requirements for an Alberta High School Diploma or Certificate of High School Achievement by the end of the school year
- Must be registered in at least half of their Grade 12 credits at Daysland School

Students who do not meet the above criteria may appeal to the Principal.



## SENIOR HIGH SCHOOL COURSE DESCRIPTIONS

### ART

#### **ART 10** (5 credits)

Designed for beginners at the high school level, this course covers the fundamentals of art: line tonal values, balance and composition, mass, perspective, color and light. Media used may include pencil, conté, pastels, coloured pencils, ink, printmaking, clay sculpture, synthesis sculpture, watercolour and acrylic painting.

#### **ART 20** (3 credits) (5 credits)

This course is a continuation of Art 10 to more advanced levels of drawing, printmaking, painting, and sculpture. Students are encouraged to draw on their basic technical skills to create original art works, which reflect their personal view of the world.

**Prerequisite:** Art 10

#### **ART 30** (5 credits)

Art 30 encourages students towards greater proficiency and self expression through a visual media. Budding artists are encouraged to develop their own personal style in drawing, painting, and sculpture through research and practical studio work. Originality of design and idea are now emphasized with a personal portfolio of work looked at as the final product of the course.

**Prerequisite:** Art 20

### BIOLOGY

#### **BIOLOGY 20** (5 credits)

Biology is the study of life. Specifically, this course addresses how matter and energy are exchanged in the biosphere, the cell, ecosystems and the human body.

**Prerequisite:** Science 10 (recommended minimum 65%)

#### **BIOLOGY 30** (5 credits)

In Biology 30 the emphasis is on adaptation and change. The four topics covered are:

- Nervous and Endocrine Systems
- Reproduction and Development
- Cell division, Genetics and Molecular Biology
- Population and Community Dynamics

**Prerequisites:** Biology 20 (recommended minimum 65%)  
Chemistry 20 strongly advised.

**Completion of Biology 30 requires the writing of a provincial diploma examination.**

## CALM

### **CALM 20 (Career and Life Management)** (3 credits)

The aim of senior high school Career and Life Management (CALM) is to enable students to make well-informed, considered decisions and choices in all aspects of their lives and to develop behaviours and attitudes that contribute to the well-being and respect of self and others, now and in the future.

The CALM program focuses on personal development in the following three areas:

- **Personal Choices** – managing personal well-being
- **Resource Choices** – making responsible decisions in the use of finances and other resources
- **Career and Life Choices** – developing and applying processes for managing personal, lifelong career development

CALM is a required course and is the core program for health literacy at the senior high school level in Alberta.

## CHEMISTRY

### **CHEMISTRY 20** (5 credits)

See note below.

This course investigates the nature of matter and chemical changes. The four topics covered are:

- The Diversity of Matter and Chemical Bonding
- Forms of Matter: Gases
- Matter as Solutions Acids and Bases
- Quantitative Relationships in Chemical Changes

**Prerequisite: Science 10 (recommended minimum 65%)**

### **CHEMISTRY 30** (5 credits)

**Note: Chemistry and Physics courses are now cycled. If there is sufficient enrolment, we intend to offer Chemistry 20 & 30 classes in 2019/20.**

**Please consult with school administration about alternatives if needed for graduation.**

In Chemistry 30 students are given an opportunity to continue to explore and understand the natural world and to become aware of the profound influence of chemistry on their lives. The four topics covered are:

- Thermochemical Changes
- Electrochemical Changes
- Chemical Changes of Organic Compounds
- Chemical Equilibrium Focusing on Acid-Base Systems

**Prerequisite: Chemistry 20 (recommended minimum 65%)  
It is also recommended that students have a strong base in mathematics.**

**Completion of Chemistry 30 requires the writing of a provincial diploma examination.**

## ENGLISH LANGUAGE ARTS (ELA)

There are two basic aims of English language arts (ELA). One aim is to encourage, in students, an understanding and appreciation of the significance and artistry of literature. A second aim is to enable each student to understand and appreciate language and to use it confidently and competently for a range of purposes, with diverse audiences and in a range of situations for communication, personal satisfaction and learning.

### **ELA 10-1, 20-1, 30-1** (5 credits per course)

This course sequence provides an opportunity to study texts with an increased emphasis on critical analysis. Texts studied are often “literary” in nature and relate to cultural and societal issues. These courses are designed for students who aspire to careers that require a broader application of skill to a generalized level.

**ELA 10-1 is recommended for students with at least 60% in ELA 9.**  
**Prerequisites:** ELA 10-1 for ELA 20-1, ELA 20-1 for ELA 30-1.  
**Completion of ELA 30-1 requires the writing of a provincial diploma examination.**

### **ELA 10-2, 20-2, 30-2** (5 credits per course)

This course sequence provides for the study of texts at a variety of levels of sophistication to meet the needs of students who are more diverse in terms of aspirations and abilities. Texts studied often have specific applications to careers or daily living.

**ELA 10-2 is recommended for students with less than 60% in ELA 9.**  
**Prerequisites:** ELA 10-2 for ELA 20-2, ELA 20-2 for ELA 30-2.  
**Completion of ELA 30-2 requires the writing of a provincial diploma examination.**

Note: Students achieving credit in a -2 sequence ELA course, with a minimum mark of 75% may, with the approval of both the Principal and the subject teacher, enrol in the next -1 sequence ELA course.

Both ELA 30-1 and 30-2 serve as prerequisites for a senior high diploma; however, not all post-secondary institutions accept ELA 30-2 for entry. In general, students who plan to attend a post-secondary institution need to familiarize themselves with the entry requirements of the institution and the program they plan to enter.

## MATHEMATICS

The revised high school mathematics program of studies began implementation in September 2010. The following guidelines are in place to assist students with choosing the mathematics course sequence that will help them on the path to their future. You can find more detailed information about these courses and about post-secondary acceptance of the course sequences at the Alberta Education website at [www.education.alberta.ca/math](http://www.education.alberta.ca/math).

### **MATHEMATICS 10C** (5 credits)

The Math 10C 'combined' course is the starting point for both the Mathematics -1 and -2 course sequences. Students will gain the background knowledge to be able to switch course sequences in either Grade 11 or 12 if their goals and needs change. Measurement (SI and Imperial), trigonometry, polynomial factoring and operations, systems of equations, linear relations and functions are studied.

**Prerequisite:** Math 9 (with a mark of at least 60%)

### **MATHEMATICS 20-1, 30-1** (5 credits per course)

The Mathematics -1 course sequence is designed for students who plan to apply for post-secondary programs that may require calculus skills (e.g., engineering, mathematics, sciences, some business studies, or other programs that require advanced math skills).

**Prerequisites:** Math 10C for Math 20-1, Math 20-1 for Math 30-1  
**Completion of Math 30-1 requires the writing of a provincial diploma examination.**

### **MATHEMATICS 20-2, 30-2** (5 credits per course)

The Mathematics -2 course sequence is designed for students who want to attend a university, college, or technical institute after high school, but do not need calculus skills (e.g., arts programs, civil engineering technology, medical technologies, or some apprenticeship programs).

**Prerequisite:** Math 10C for Math 20-2, Math 20-2 for Math 30-2  
**Completion of Math 30-2 requires the writing of a provincial diploma examination.**

### **MATHEMATICS 10-3, 20-3, 30-3** (5 credits per course)

The Mathematics -3 course sequence is designed for students who want to learn the mathematics needed to enter most trades or want to enter the workforce after high school. Most apprenticeship training programs in Alberta will recommend students successfully complete Math 30-3. However a small number of apprenticeship training programs may require students to complete the -2 course sequence in order to meet the mathematics entrance level competencies for those trades.

**It is recommended that students who do not have a mark of 60% or greater in Math 9 register in Math 10-3.**

### **MATHEMATICS 31** (5 credits)

This is an advanced mathematics course designed for students entering post-secondary programs that recommend or stipulate calculus as an entrance requirement. It is desirable that students complete Math 30-1 before taking the Math 31 calculus course. In some circumstances students may take Math 30-1 and Math 31 in the same semester.

**Prerequisite/corequisite:** Math 30-1

## PHYSICAL EDUCATION

### PHYSICAL EDUCATION 10 (3 or 5 credits)

Physical Education 10 is a required course, which is an extension of the grade 9 program. The course consists of individual and team sports with an emphasis on skill development, improvement, fitness, participation and fun. Activities may include basketball, volleyball, curling, cross-country, dance, gymnastics, tennis and badminton.

### PHYSICAL EDUCATION 20 (3 or 5 credits)

This course emphasizes individual and life-long type sports. Students also receive training in anatomy and athletic training and conditioning. Typical programs may include games, dance, curling, badminton, archery, cross-country running, canoeing and golf.

**Prerequisite:** Physical Education 10

### PHYSICAL EDUCATION 30 (3 or 5 credits)

Physical Education 30 is a continuation of Physical Education 20 with more emphasis on activities that can be carried on beyond high school. Students may get a taste of scuba diving, wall climbing, canoeing, planning a fitness program, orienteering, badminton, tennis and golf. There is also a leadership component: students have to teach an unknown activity to the class.

**Prerequisite:** Physical Education 20

## PHYSICS

This academic program is designed to study matter and energy and their interactions. This program emphasizes the context of science by considering the interrelationship among science, technology and society. Physics 20-30 helps students understand the physics principles behind the natural events they experience and the technology they use in their daily lives.

### PHYSICS 20 (5 credits)

See note below.

The four topics covered are:

- Kinematics
- Dynamics
- Circular Motion, Work and Energy
- Oscillatory Motion and Mechanical Waves

**Prerequisite:** Science 10 (recommended minimum 65%)  
It is also recommended that students have or be enrolled in Mathematics 20-1 or 20-2.

### PHYSICS 30 (5 credits)

**Note:** Physics and Chemistry courses are now cycled.

If there is sufficient enrolment, we intend to offer Physics 20 & 30 classes in 2018/19.

Please consult with school administration about alternatives if needed for graduation

The four topics covered are:

- Momentum and Impulse
- Forces and Fields
- Electromagnetic Radiation
- Atomic Physics

**Prerequisite:** Physics 20 (recommended minimum 65%)  
It is also recommended that students have a strong base in mathematics.

Completion of Physics 30 requires the writing of a provincial diploma examination.

## SCIENCE

### SCIENCE 10 (5 credits)

This academic course provides students with a unified view of the biological, chemical, physical and earth sciences and an awareness of the connections among them.

The four topics covered are:

- Energy and Matter in Chemical Change
- Energy Flow in Technological Systems
- Cycling of Matter in Living Systems
- Energy Flow in Global Systems

**It is recommended that students taking Science 10 should have earned a mark of at least 60% in grade nine Science.**

**Science 10 is the prerequisite for all the academic sciences.**

### SCIENCE 20 (5 credits)

The process of change in science is explored as it relates to earth sciences, ecosystems, chemical reactions, and motion.

The course consists of four units of study:

- Chemical Changes
- Changes in Motion
- The Changing Earth
- Changes in Living Systems

**Prerequisite: Science 10**

### SCIENCE 30 (5 credits)

The Science 30 course consists of four units of study:

- Living Systems Respond to Their Environment
- Chemistry and the Environment
- Electromagnetic Energy
- Energy and the Environment

**Prerequisite: Science 20, Chemistry 20, Biology 20, or Physics 20**  
**Completion of Science 30 requires the writing of a provincial diploma examination.**

The Science 14-24 general program allows students to meet the credit requirements in science for an Alberta High School Diploma and also provides for transfer into the academic program. The focus is on helping students understand the scientific principles behind the natural events they experience and the technology they use in their lives.

### SCIENCE 14 (5 credits)

The four topics covered are:

- Investigating Properties of Matter
- Understanding Energy Transfer Technologies
- Investigating Matter and Energy in Living Systems
- Investigating Matter and Energy in the Environment

### SCIENCE 24 (5 credits)

The four topics covered are:

- Applications of Matter and Chemical Change
- Understanding Common Energy Conversion Systems
- Disease Defence and Human Health
- Motion, Change and Transportation Safety

## SOCIAL STUDIES

### **SOCIAL STUDIES 10-1** (5 credits)

Students will explore multiple perspectives in the origins and impacts of globalization on lands, cultures, economies, human rights and quality of life. The relationships among globalization, citizenship and identity to enhance skills for citizenship in a globalizing world will be examined.

**It is recommended that students taking Social Studies 10-1 should have attained at least 60% in grade nine Social Studies.**

### **SOCIAL STUDIES 10-2** (5 credits)

Students will explore historical aspects of globalization on lands, cultures, human rights and quality of life. The relationships among globalization, citizenship and identity will be explored.

**This course is offered and recommended for students attaining less than 60% in grade nine Social Studies.**

### **SOCIAL STUDIES 20-1** (5 credits)

This course explores the complexities of nationalism in Canada and international contexts and includes the study of the origins of nationalism and the influences of nationalism on regional, international and global relations.

**Prerequisite: Social Studies 10-1 (recommended minimum 65%)**

### **SOCIAL STUDIES 20-2** (5 credits)

Students will examine historical and contemporary understandings of nationalism in Canada and the world. They will explore the origins of nationalism as well as the impacts of nationalism on individuals and communities in Canada and other locations.

**Prerequisite: Social Studies 10-2 or Social Studies 10-1.**

### **SOCIAL STUDIES 30-1** (5 credits)

Students will explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of liberalism.

**Prerequisite: Social Studies 20-1 (recommended minimum 65%)  
Completion of Social Studies 30-1 requires the writing of a provincial diploma examination.**

### **SOCIAL STUDIES 30-2** (5 credits)

Students will examine the origins, values and components of competing ideologies. They will explore multiple perspectives regarding relationships among individualism, liberalism, common good and collectivism.

**Prerequisite: Social Studies 20-1 or Social Studies 20-2.  
Completion of Social Studies 30-2 requires the writing of a provincial diploma examination.**

## CAREER and TECHNOLOGY STUDIES (CTS)

Career and Technology studies (CTS) is designed to develop skills that senior high school students can apply in their daily lives when preparing for entry into the workplace or for further learning opportunities.

CTS is organized into five clusters:

Business, Administration, Finance & Information Technology (BIT)

Health, Recreation & Human Services (HRH)

Media, Design & Communication Arts (MDC)

Natural Resources (NAT)

Trades, Manufacturing & Transportation (TMT)

A cluster is a group of CTS courses that represent occupations and broad industry commonalities. Clusters in CTS are aligned with the National Occupational Classification (NOC) system and function as an organizing tool for the CTS program.

## KNOWLEDGE and EMPLOYABILITY

Knowledge and Employability is a series of courses rather than a program. This allows schools and students to have some flexibility in offering and selecting the courses based on highest level of achievement and areas of need. During grades 8-12, students may enrol in one or more courses at any appropriate entrance/registration date. Daysland School does not have a centralized K & E “division program”, but in a given year may be able to offer courses to meet the specific needs of our own students.

Knowledge and Employability courses are designed for the student who meets criteria specified and learns best when the focus is on the development and application of reading, writing and mathematical literacy and when meaningful connections are made between the home, school workplace and community through experiential learning opportunities.

Students who successfully complete Knowledge and Employability courses may qualify for a Certificate of High School Achievement. Students may also transfer into courses leading to an Alberta High School Diploma at any time during their senior high school career.

Knowledge and Employability courses consist of both academic and occupational courses.

Academic subjects:

- Knowledge and Employability English Language Arts 8, 9, 10-4, 20-4, 30-4
- Knowledge and Employability Mathematics 8, 9, 10-4, 20-4
- Knowledge and Employability Science 8, 9, 10-4, 20-4
- Knowledge and Employability Social Studies 8, 9, 10-4, 20-4

Occupational strands:

- Courses selected from the Occupational CTS clusters (depending on availability). Please see the career counsellor or school administration for details.



## OFF-CAMPUS PROGRAMS

### WORK EXPERIENCE

#### **WORK EXPERIENCE 15, 25, 35** (5 credits per course)

Work Experience 15–25–35 are separate courses for credit that provide experiential learning activities undertaken by a Grade 11 or 12 student as an integral part of a planned school program under the cooperative supervision of an off-campus education coordinator. Work Experience 15–25–35 courses, at each level, may be offered for 3, 4, 5, 6, 7, 8, 9 or 10 credits. Each course is time based; i.e., 25 hours per credit, and a student may enroll in Work Experience 35 without having completed Work Experience 15 and/or Work Experience 25. Students may earn up to 30 credits in work experience, but the number of work experience credits that may be counted toward the Alberta High School Diploma is 15. Students working towards a Certificate of High School Achievement (K&E) will be required to take occupational Work Experience related courses.

#### **Prerequisites:**

- **HCS3000: Workplace Safety Systems is the required prerequisite of the first work experience course taken by a student.**
- **CTR1010: Job Preparation is the recommended prerequisite of the second work experience course taken by a student.**

Possible work experience sites or placements in the Daysland area:

Welding Shop	School Clerk / Classroom Assistant
Store Clerk / Sales / Stock	Farm / Agribusiness / Auto Parts / Supply
Motel Housekeeping / Clerical	Garage / Mechanical
Dental / Medical Office	Restaurant
Hospital Aide / Office	Hair Salon
Post Office	School Library Assistant
Pharmacy	Service Station

### GREEN CERTIFICATE PROGRAM

#### **GREEN CERTIFICATE PROGRAM**

The Green Certificate Program for senior high school students allows students in grades 10, 11 and 12 to participate in an agriculture-related apprenticeship, earn credits, and complete the Technician Level of a Green Certificate in any one of nine specializations. To be eligible the student must:

- have a strong farm background,
- be highly involved with farm operations,
- be at least 15 years of age.

Alberta Agriculture, Food and Rural Development, and Alberta Education jointly administer the Green Certificate Program. The course is taken over one calendar year commencing in June.

The registration fee of \$650.00 per student is paid by Battle River School Division.

## REGISTERED APPRENTICESHIP PROGRAM (RAP)

### REGISTERED APPRENTICESHIP PROGRAM

The Registered Apprenticeship Program (RAP) is a program in which students spend part of their time in school and part of their time in industry as registered apprentices in one of Alberta's 50 designated trades. Students enrolled in RAP are paid by their employers. To be eligible for the program, students must:

- be entering grade 11,
- have demonstrated the following in their grade 10 year:
  - good attendance
  - good attitude towards learning
  - good cooperation skills
  - achievement in grade 10 subjects (60% average)
- have completed HCS 3000 (Workplace Safety Systems),
- have successfully completed a school-level screening process.

Students must complete a trial period of 125 hours of unpaid work experience before they enter into the program. Once officially registered in the program students are then registered as an apprentice with the Apprenticeship Board.

**Note: it is the student's responsibility to find a credible place to do their apprenticeship.**

## DAYSLAND HIGH SCHOOL ADDITIONAL COURSE POSSIBILITIES

### DISTANCE LEARNING COURSES (Independent Study)

Some students may be required to take specific courses by distance learning if the enrolment is not high enough to justify classroom instruction. In certain instances students may choose distance learning courses in subjects that are not offered by classroom instruction at Daysland School. Some other legitimate reasons for students requesting distance learning courses are switching tracks/programs, obtaining prerequisites, repeat of a required course or post-secondary requirements. Grade 11 and 12 students may take a course by distance learning if it is being offered by classroom instruction at the same time another required course they wish to take is offered. Which class to be taken by distance learning or by classroom instruction will be decided in consultation with the student, principal, career counsellor and teacher(s).

Generally, students will be only permitted to take one distance learning course at one time. Students in grade 10 will normally not be permitted to take distance learning courses with the exception of:

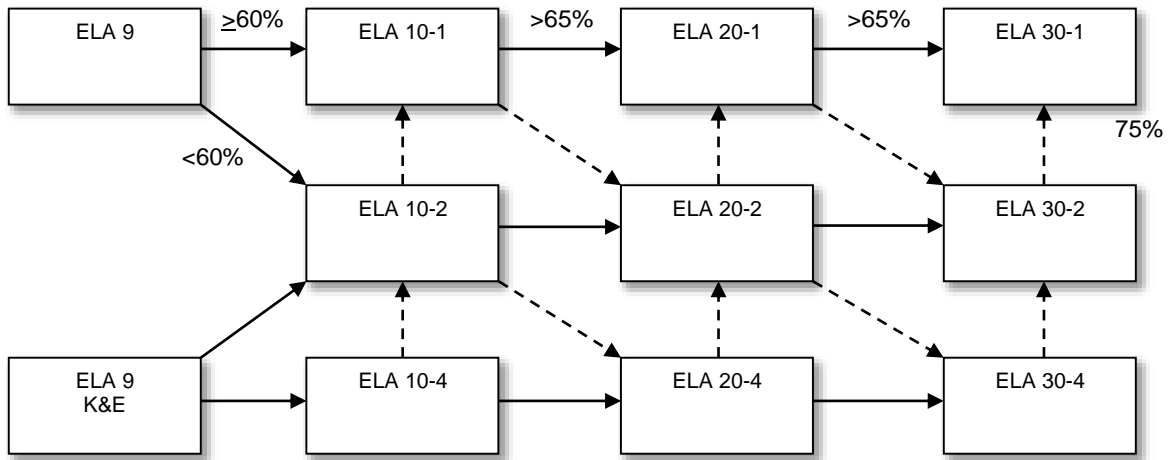
- a) low enrolment core courses that end up not being offered by classroom instruction,
- b) BROL/ADLC courses taken during the "option block".

Distance learning courses will be offered in supervised settings. In most cases, students will be added to the class list for this period and will be expected to be in that room at all times. Students will be encouraged to take courses by classroom instruction wherever possible.

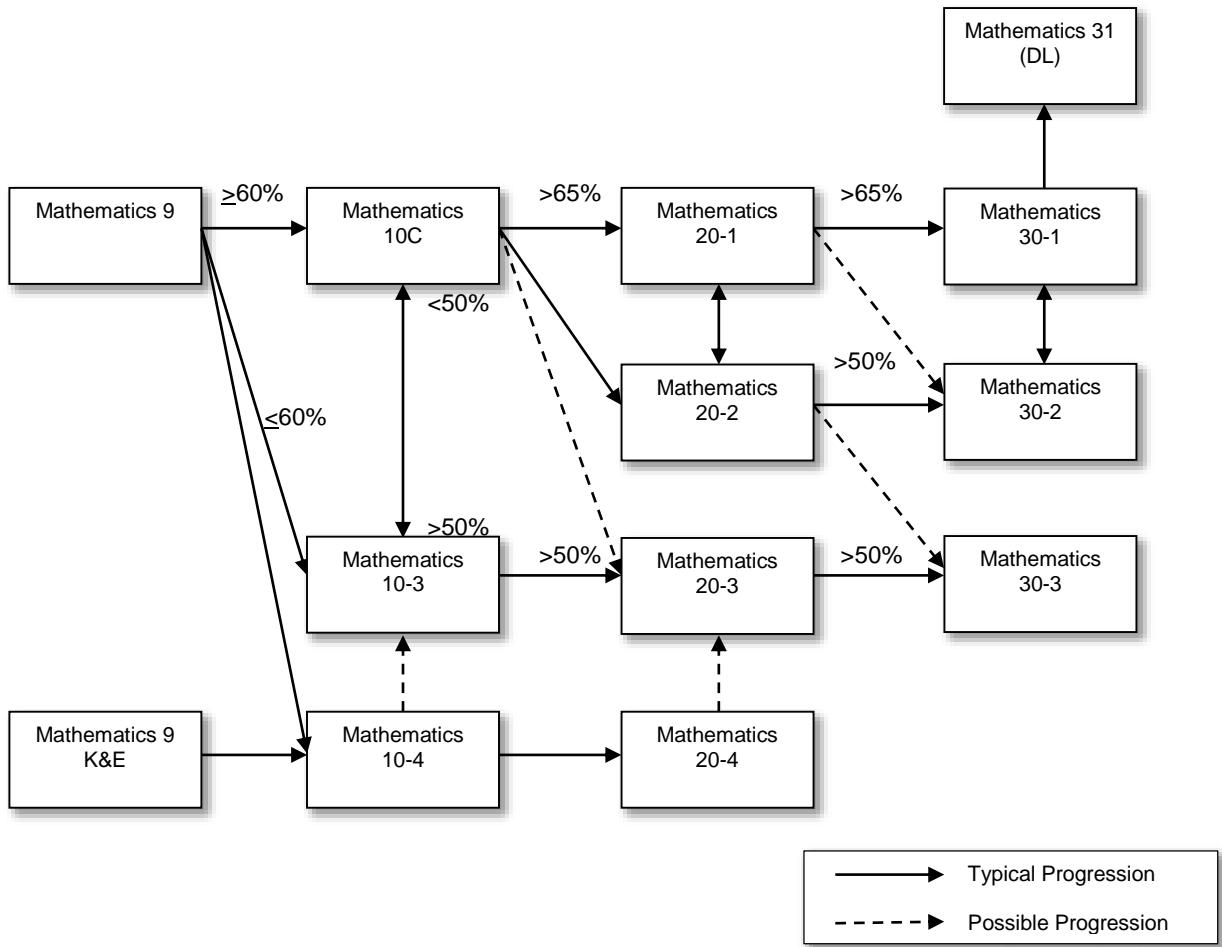
All distance learning courses require prior approval of administration before being ordered. Once registered, a time frame for completion will be determined jointly with the student and the distance learning coordinator.

# COURSE SEQUENCES and RECOMMENDED TRANSFER POINTS

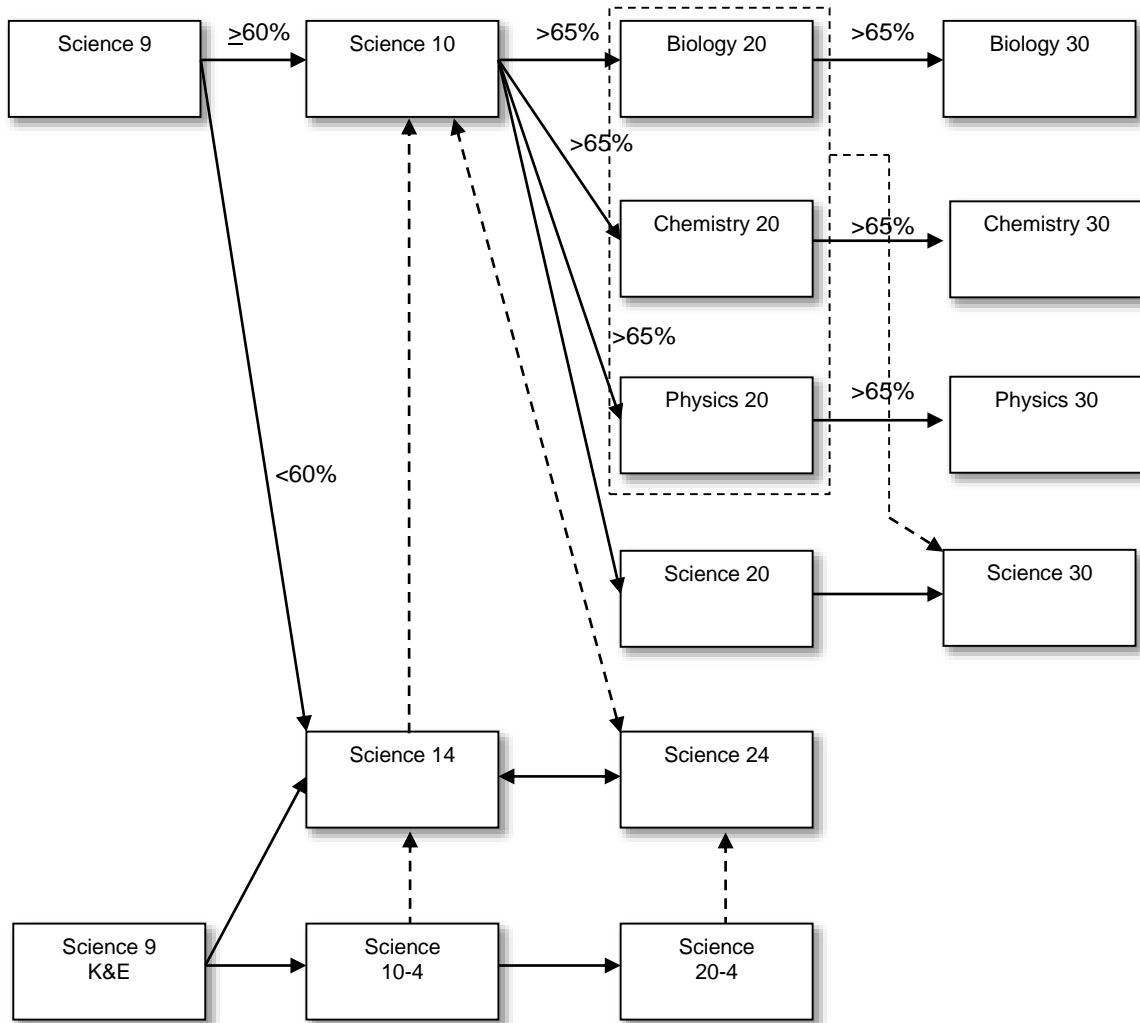
## English Language Arts (ELA) Program



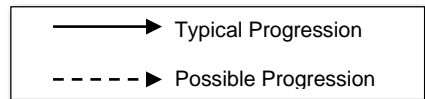
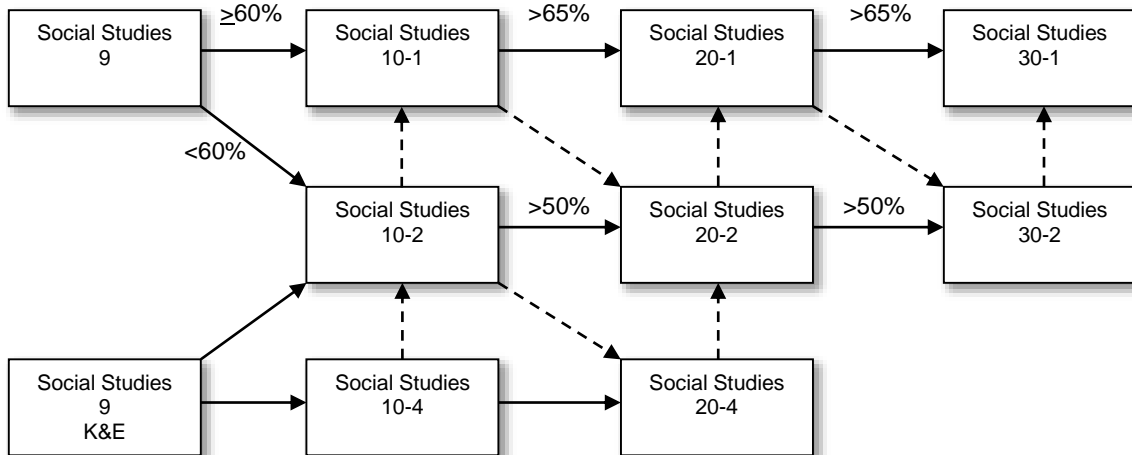
## Mathematics Program



**Science Program**



**Social Studies Program**



## DAYSLAND HIGH SCHOOL AWARDS AND SCHOLARSHIPS

<ul style="list-style-type: none"> <li>▪ Grade 10 Honours</li> <li>▪ Darren Hoynick Memorial Award (Top All Round Grade 10 Student)</li> <li>▪ Grade 11 Honours</li> <li>▪ Top All Round Grade 11 Student</li> <li>▪ Grade 12 Honours</li> <li>▪ (CTS) Home Economics Award</li> <li>▪ (CTS) Industrial Education Award</li> <li>▪ (CTS) Practical Trades and/or Technology Award</li> <li>▪ (CTS) Construction Award</li> <li>▪ Athletics Awards (Female / Male)</li> <li>▪ Knowledge &amp; Employability Program Award</li> <li>▪ Green Certificate Award</li> <li>▪ Grade 12 Student Leadership Award</li> <li>▪ Kevin Carlson Memorial Award</li> </ul>	<ul style="list-style-type: none"> <li>▪ English 30-1 / 30-2 Scholarships</li> <li>▪ Mathematics 30-1 / 30-2 Scholarships</li> <li>▪ Biology 30 Scholarship</li> <li>▪ Chemistry 30 Scholarship</li> <li>▪ Physics 30 Scholarship</li> <li>▪ Social Studies 30-1 / 30-2 Scholarships</li> <li>▪ French as a Second Language 30 Scholarship</li> <li>▪ Lloyd Sather Art Scholarship</li> <li>▪ Lloyd Sather Physical Education Scholarship</li> <li>▪ Premier's Citizenship Award</li> <li>▪ Award for Top "All Round" Grade 12 Student</li> <li>▪ Alberta Teachers' Association Scholarships</li> <li>▪ Robert Zwack Memorial Grade 12 Scholarships (Gold &amp; Silver)</li> <li>▪ Alexander Rutherford Scholarships</li> <li>▪ Top Grade 12 Academic Scholarship</li> <li>▪ Governor General's Academic Award</li> <li>▪ W.E. Bill Campbell Scholarship</li> </ul>
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Note: Other awards and scholarships are available to Daysland students in addition to those listed above. Suggested links to further information are provided in the "Planning Your High School Program" section in this guide.

## PROGRAM PLANNING WORKSHEET

For each year of your high school career, plan your program to satisfy your post-secondary plans. Check  or write-in the courses and credits that you have completed, are presently enrolled in, and are planning to take in the coming year(s). Select enough option courses to complete your timetable. Students are expected to maintain a full timetable in Grade 10 and 11. **Note: Grade 10 students must take CALM 20.**

- 5 credit courses are considered full courses, and 3 credit courses are considered half courses. Individual CTS modules are 1 credit each.
- The compulsory courses selected plus your option courses **must add up to 8 full courses.**

Grade 10		Grade 11		Grade 12	
Course (check)	Credits (circle)	Course (check)	Credits (circle)	Course (check)	Credits (circle)
<input type="checkbox"/> English 10-1 <span style="float: right;">or</span>	<b>5</b>	<input type="checkbox"/> English 20-1 <span style="float: right;">or</span>	<b>5</b>	<input type="checkbox"/> English 30-1 <span style="float: right;">or</span>	<b>5</b>
<input type="checkbox"/> English 10-2		<input type="checkbox"/> English 20-2		<input type="checkbox"/> English 30-2	
<input type="checkbox"/> Social Studies 10-1 <span style="float: right;">or</span>	<b>5</b>	<input type="checkbox"/> Social Studies 20-1 <span style="float: right;">or</span>	<b>5</b>	<input type="checkbox"/> Social Studies 30-1 <span style="float: right;">or</span>	<b>5</b>
<input type="checkbox"/> Social Studies 10-2		<input type="checkbox"/> Social Studies 20-2		<input type="checkbox"/> Social Studies 30-2	
<input type="checkbox"/> Math 10C <span style="float: right;">or</span>	<b>5</b>	<input type="checkbox"/> Math 20-1 <span style="float: right;">or</span>	<b>5</b>	<input type="checkbox"/> Math 30-1 <span style="float: right;">or</span>	5
<input type="checkbox"/> Math 10-3		<input type="checkbox"/> Math 20-2 <span style="float: right;">or</span>		<input type="checkbox"/> Math 30-2 <span style="float: right;">or</span>	
		<input type="checkbox"/> Math 20-3		<input type="checkbox"/> Math 30-3	
				<input type="checkbox"/> Math 31 (DL)	5
<input type="checkbox"/> Science 10 <span style="float: right;">or</span> <input type="checkbox"/> Science 14	<b>5</b>	<input type="checkbox"/> Science 20 <span style="float: right;">or</span>	5	<input type="checkbox"/> Science 30 <span style="float: right;">or</span>	5
		<input type="checkbox"/> Science 24		<input type="checkbox"/> Biology 30	
		<input type="checkbox"/> Biology 20 <span style="float: right;">and/or</span>	5	<input type="checkbox"/> Chemistry 20 <span style="float: right;">and/or</span>	5
		<input type="checkbox"/> Chemistry 20 <span style="float: right;">and/or</span>	5	<input type="checkbox"/> Chemistry 30 <span style="float: right;">and/or</span>	5
<input type="checkbox"/> Physical Education 10 <small>(compulsory for Gr. 10)</small>	<b>3</b>	Note: Chemistry and Physics 20/30 courses are cycled on a biennial rotation.		Note: Chemistry and Physics 20/30 courses are cycled on a biennial rotation.	
<input type="checkbox"/> CALM 20 <small>(compulsory for Gr. 10)</small>	<b>3</b>	Work Ex / RAP / Grn Cert		Work Ex / RAP / Grn Cert	
Options					
<input type="checkbox"/> Art 10		<input type="checkbox"/> Art 20		<input type="checkbox"/> Art 30	
<input type="checkbox"/> CTS BROL/ADLC		<input type="checkbox"/> CTS BROL/ADLC		<input type="checkbox"/> CTS BROL/ADLC	
<input type="checkbox"/> CTS Fashion Studies/Foods		<input type="checkbox"/> CTS Fashion Studies/Foods		<input type="checkbox"/> CTS Fashion Studies/Foods	
<input type="checkbox"/> CTS Industrial Arts		<input type="checkbox"/> CTS Industrial Arts		<input type="checkbox"/> CTS Industrial Arts	
		<input type="checkbox"/> Physical Education		<input type="checkbox"/> Physical Education	
<b>TOTAL CREDITS</b>		<b>TOTAL CREDITS</b>		<b>TOTAL CREDITS</b>	
Grade 10 students must register with a minimum of <b>40 credits</b> (no spares).		Grade 11 students must register with a minimum of <b>40 credits</b> (no spares).		Grade 12 students must register with a minimum of <b>30 credits</b> .	

Notes: