
Grade 10 Orientation

2017/2018

Hugh Sutherland School

Mr. Kevin Hronek
Academic Counselor
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Building Your Future

- You will face many choices as you select high school courses
- If you choose your courses carefully you will graduate prepared for a variety of opportunities
- If you choose your courses haphazardly you may limit your choices after graduation and it might take longer to reach your goals

Who's Who in 2017/2018

Mr. George Thomson→ Principal

Mrs. Laura Lee Hrabok and Mr. Dean Nielsen→ Vice Principals

Mr. Kevin Hronek→ Academic Guidance Counselor

Mrs. Janet Cornell→ Family School Wellness

Mrs. Sadek and Miss Strand→ Inclusive Education

Connect Advisor and Your Student

CAs will support and advocate for each of the students within their program. CAs will take responsibility for each student within their "Connect" Block.

- Responsible for monitoring the student's progress in all subject areas, the assisting the students in their daily organization and helping them set real leading to the completion of coursework and the attainment of their high
- The will help in ensuring struggling students get intervention, and excelling students receive extension activities during the FLT (Focused Learning Time) Block.
- Discuss discipline concerns with members of the Connect Group.
- Build relationships and meaningful connections with members of the Connect Group.
- Identify students with continuing needs and relay those needs back to the High School Levels Group.
- Update students on important school information.
- Take attendance for FLT (Focused Learning Time) and will insure that students attend their assigned FLT class.

Factors to Consider when Selecting HS Courses

- Abilities
- Interests
- Diploma Requirements
- High School Plus
 - Goals for Future
 - Career Aspirations
 - Post-Secondary Programming Requirements
- Advice and Recommendations
 - Parents
 - Teachers
 - Others

Working Towards a Diploma

- 100 Credits
- Each High School course is worth a specific number of credits
 - 5-Core Classes
 - 3-Complementary Courses/CALM
 - 1-Single Module CTS courses
- A mark of at least 50% must be achieved to receive the credits for a course or module

Course Load by Grade

- CESD policy states that a student's individual program should be challenging and consists of full course loads. Students are expected to take a minimum of:
 - 40 Credits in Grade 10
 - 40 Credits in Grade 11
 - 30 Credits in Grade 12
- No Spares until Grade 12

Diploma Requirements

- There are several mandatory core courses needed to fulfill graduation requirements
- They include various levels of:
 - English Language Arts
 - Social Studies
 - Mathematics
 - Sciences
 - Physical Education
 - Career and Life Management (CALM)

Required Courses

- Physical Education 10
- Mathematics 20-1, 20-2, or 20-3
- Any one of:
 - Biology 20
 - Chemistry 20
 - Physics 20
 - Science 24
 - (Science 20)
- Career and Life Management 20
- English 30-1 or 30-2
- Social Studies 30-1 or 30-2
- 10 Credits in Fine Arts/CTS/PE/ Second Language
- 10 Credits at 30-Level (in addition to ELA and Social Studies)

Complementary Courses

- Complementary courses are those that may be chosen to complete the required 100 credits
- Fine Arts, French, CTS, Psychology, Legal Studies, Media Arts, Special Projects, Work Experience, etc.
- Sometimes courses such as PE and the sciences are considered to be complementary courses because they are not required for an Alberta High School Diploma but they may be required for entrance to post-secondary programs

Complementary Courses

- We offer a variety of courses that change from year to year
- 2016/2017
 - Band
 - Art
 - Shop
 - Mechanics
 - Sports Performance
 - Psychology
 - Media Arts
 - Cosmotology
 - Legal Studies
- Largely dependent on student choice and staffing

Grade 10 Schedule 2016/2017

Semester 1	Semester 2
<ul style="list-style-type: none">• ELA• Science• CALM/PE• Complimentary-2 Courses	<ul style="list-style-type: none">• Mathematics• Social Studies• PE/Wellness• Complimentary-2 Courses

Prerequisite Course

- A prerequisite course is a course that is required in order to move on to the next level
- Example
 - Science 10 is a prerequisite course for Biology 20, Chemistry 20 and Physics 20
 - Science 14 is a prerequisite course for Science 24
 - English Language Arts 20-1 is a prerequisite for English Language Arts 30-1

Course Stream Numbering

In General:

- Any course that starts with a "1" is a grade 10 level course (IE Science 10)
- Any course that starts with a "2" is a grade 11 level course (IE Biology 20)
- Any course that starts with a "3" is a grade 12 level course (IE Biology 30)

Course Stream Numbering

For course streams where there are different levels of difficulty:

- Courses ending with a "-1" are at the highest academic level (IE ELA 20-1)
- Courses ending with a "-2" are at the second highest academic level (IE ELA 20-2)
- Courses ending with a "-3" are at the third highest academic level (IE Math 30-3)

Course Stream Numbering

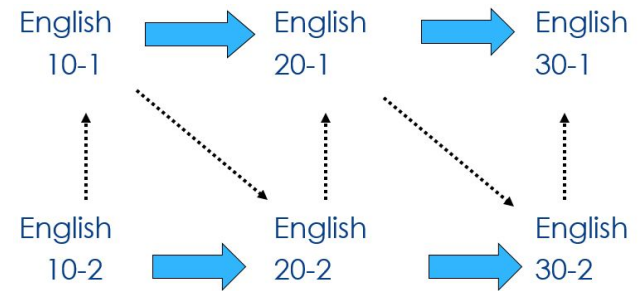
Over the years, Alberta Education has created many different courses that don't follow the typical numbering system

- The highest academic level of Math in Grade 10 is called Math 10C (Math 10 Combined)
- ELA and Social Studies have two levels at each grade 10-1/10-2, 20-1/20-2, and 30-1/30-2
- Science courses have only 10/20/30 and 14/25
- The grade 12 calculus course is called Math 31

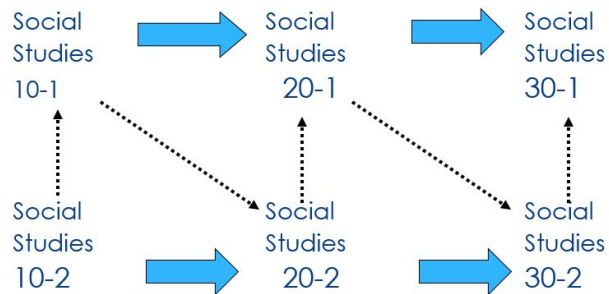
Course Stream Transferring

- For ELA, Social Studies, and Mathematics there are transition points for those who happen to be struggling or excelling in a certain subject
- These opportunities are limited, and often require taking an extra course to get to the 30 level

ELA Course Sequence



Social Studies Sequence

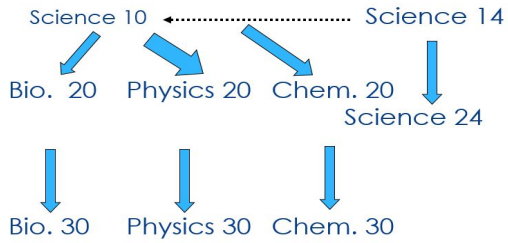


Course Sequence-Sciences

Two sequences:

- Science 10
 - Biology Chemistry, and Physics 20
 - Biology Chemistry, and Physics 30
- Science 14
 - Science 24

Science Sequence



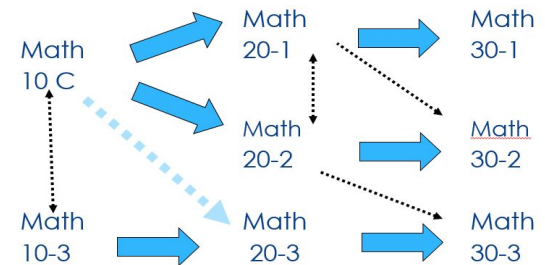
Mathematics Sequence

- Mathematics 10C
 - Mathematics 20-2, 30-2
 - Mathematics 20-1, 30-1
- Mathematics 10-3
 - Mathematics 20-3, 30-3

Mathematics Courses

- The meaning of "-1" and "-2" is very different for Mathematics when compared to ELA and Social Studies
- For Mathematics, the 30-2 course can still be used for entrance into many university programs while Social Studies 30-2 and ELA 30-2 cannot
- For some university programs, Mathematics 30-2 might even be the preferred course over Mathematics 30-1 because the content is more relevant to the program.
- Students will need to do some career investigation to determine which high school courses they need

Mathematics Sequence



Grade 10 Course Choices

- ELA 10-1, Social Studies 10-1, Mathematics 10C, and Science 10
- A Mark of 65% in the specific subject at the grade 9 level is expected in order to be able to succeed
- ELA 10-2, Social Studies 10-2, Mathematics 10-3, and Science 14
- A mark of 50-65% in Grade 9 may be enough to proceed into these courses

Grade 10 Course Streams

- Mathematics 10-3 and/or Science 14
 - Are designed for students who struggle in the subject or who did not achieve a mark of 50% or greater in grade 9
 - Mathematics 20-3 and Science 24 satisfy the requirements for an Alberta High School Diploma

Grade 12 Diploma Exams

- A provincial exam is administered for:
 - ELA 30-1 and ELA 30-2
 - Social Studies 30-1 and Social Studies 30-2
 - Mathematics 30-1 and Mathematics 30-2
 - Biology 30, Chemistry 30, and Physics 30
- These exams are worth 30% of the final grade

New to High School

- Different course streams in the core subjects
- Higher academic expectations
- Higher expectations for behavior
- More work/homework, especially in the “-1” streams which are more difficult
- You must pass each course to move into the next course in that stream
- Some courses you take will have students that are not in your grade

Knowledge and Employability

Students with diverse learning needs may work towards a Certificate of Achievement instead of an Alberta High School Diploma

Additional Programs

- Green Certificate
 - Credit for demonstrating proficiency in agriculture-based disciplines
- Registered Apprenticeship Program
 - Earn credits as your work toward your apprenticeship
- Dual Credits
 - Earn both high school and post-secondary credits/credentials
- Special Projects
- Work Experience

These programs typically start after the grade 10 year.

Post-Secondary Requirements

- Requirements for entrance into postsecondary programs can be quite different from those of a high school diploma
- Career and postsecondary investigations are helpful

Rutherford Scholarships

Grade 10	Grade 11	Grade 12
<ul style="list-style-type: none"> ● Average of 75.0% to 79.9% in five subjects - \$300 ● Average of 80% or higher in five subjects - \$400 	<ul style="list-style-type: none"> ● Average of 75.0% to 79.9% in five subjects - \$500 ● Average of 80% or higher in five subjects - \$800 	<ul style="list-style-type: none"> ● Average of 75.0% to 79.9% in five subjects - \$700 ● Average of 80% or higher in five subjects - \$1,300
Average is calculated from 5 designated subjects (Option/CTS courses may also be considered).		
<p>One of:</p> <ul style="list-style-type: none"> ● English 10-1, 10-2 ● Français 10, 13 or 10-2 	<p>One of:</p> <ul style="list-style-type: none"> ● English 20-1, 20-2 ● Français 20, 23 or 20-2 	<p>One of:</p> <ul style="list-style-type: none"> ● English 30-1, 30-2 ● Français 30 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 in Grade 10 	<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 in Grade 11 	<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 in Grade 12
<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>

Student Services Website

www.hughsutherlandschool.ca

Questions and Contact

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Your Student's Connect Advisor

Academic Guidance Counselor

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