
Grade 10 Orientation

2019/2020

Hugh Sutherland School

Mr. Kevin Hronek
Academic Counselor

April 16, 2019

The Meeting

Purpose	Agenda
<ul style="list-style-type: none">To provide information and answer questions about high school programming	<ol style="list-style-type: none">1) Required courses in high school2) Course selection and streaming3) Considerations for "post-secondary"

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

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

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

Grade 10 Schedule 2019/2020-Tentative

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

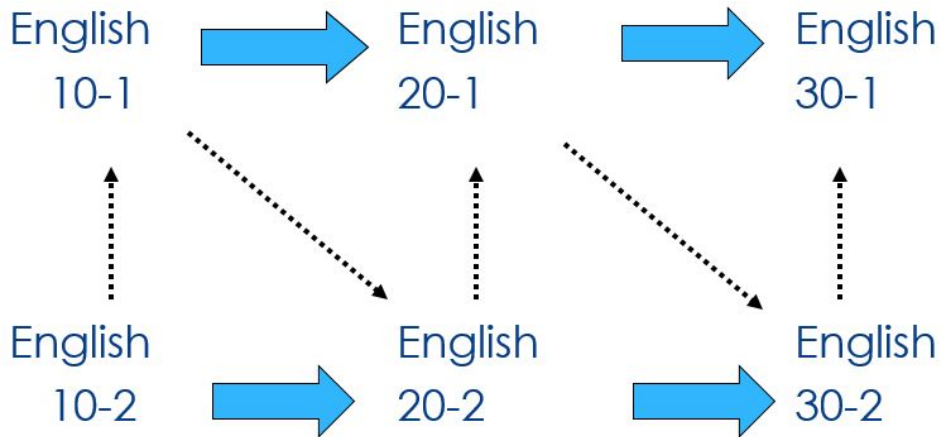
Over the years, Alberta Education has created many different courses that don't follow the typical numbering system

- 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

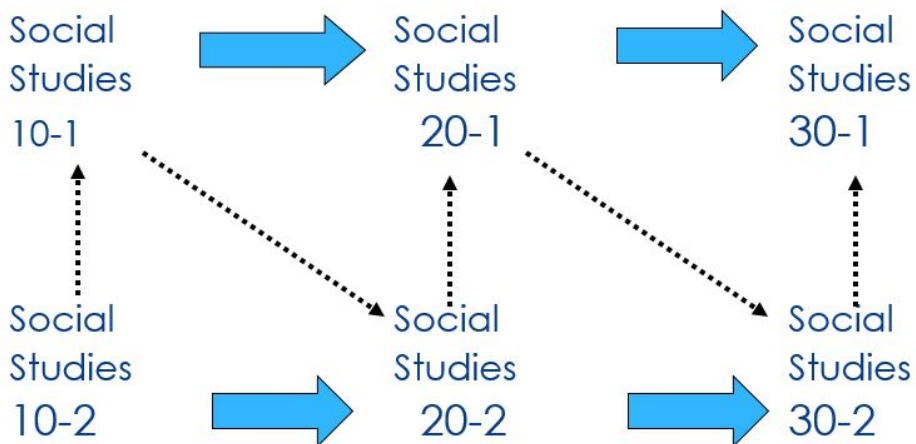
Course Stream Transferring

- 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

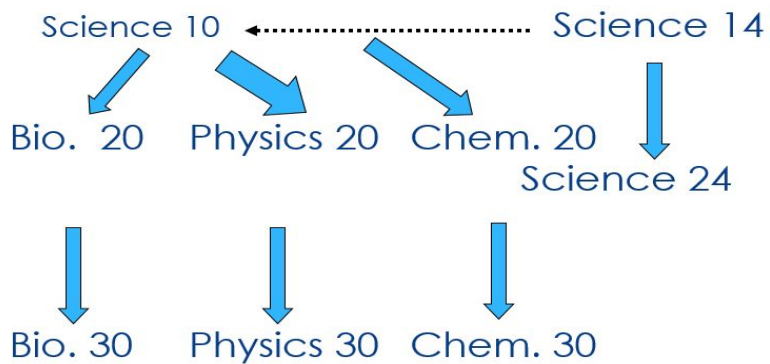


Course Sequence-Sciences

Two sequences:

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

Science Sequence



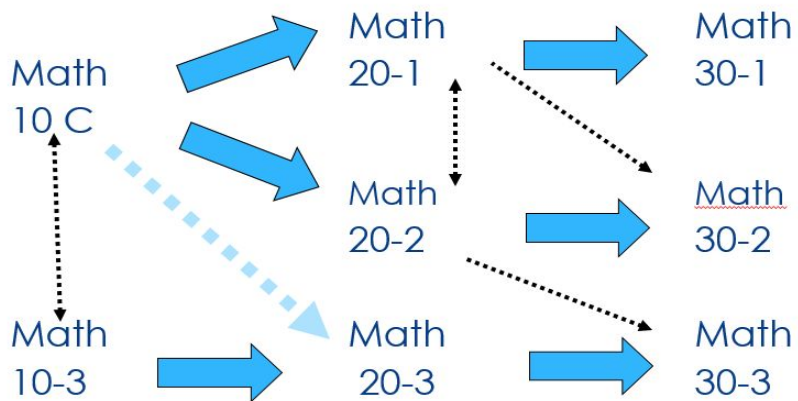
Mathematics Sequence

- 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

- 80 Credits
- Focus on Work Skills

Additional Programs → Off Campus

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

These programs typically start after the grade 10 year.

Planning for Off-Campus

- Early Planning
 - Programming in HS
 - Benefits at End

Green Certificate

- Programs
 - Beekeeper
 - Cow-Calf
 - Dairy
 - Equine
 - Feedlot Beef
 - Field Crop
 - Greenhouse
 - Irrigated Field Crop
 - Poultry
 - Sheep
 - Swine
- 16 Credits
- Testing

RAP

RAP students are both full-time students and registered apprentices, dividing their time between an approved work site and their high school studies. They take regular courses such as English Language Arts, Social Studies, Science and Math in order to earn their Alberta High School Diploma or Certificate of Achievement.

Dual Credit

Dual Credit students are enrolled in both a post-secondary institution and their high school concurrently. Students earn credits towards both a high school diploma and post-secondary degree or diploma.

Courses are taught by experienced post-secondary instructors.

Why use dual credit programming for our students?

Dual Credit courses/programs allows our students to:

- Study in an area of passion and interest.
- Begin to explore pathways and be more sure of what area they want to study after high school. Adds relevance and purpose to school. Personalizes the learning.
- Earn high school and post-secondary credits.
- Build confidence and develop skills that will support a successful post- secondary transition.
- Experience a post-secondary learning environment and learn about on-going opportunities. An opportunity to “test-drive” college and create comfort with the next step.
- Improves high school completion and transition to post-secondary.
- Get a jump start on post-secondary learning. Reduce first year course load and the time required to complete a program.

Dual Credit 2019/2020

- Olds College
 - TEC1000/WLD1167
 - Pre-employment Welding
 - Pre-employment Heavy Equipment Tech
 - Pre-employment Ag Tech
 - Meat Processing Certificate
- Red Deer College
 - Pre-employment Welding
 - Pre-employment Automotive Service Tech
 - Health Care Aid-At Olds College

Dual Credit 2019/2020

- Olds College
 - Hospitality and Tourism
- Lakeland College
 - Soil Science
 - Environmental Sustainability
 - Play
- Future
 - Agriculture Technology
 - Agriculture
 - Horticulture
 - Equine
 - Apparel

Career Exploration Internship

- Complete a defined project and work placement in a career area of your choice
- Explore in an area where there are no other off-campus programs

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

MyBlueprint

- A comprehensive education and career/life planning program with the tools students need to make the most informed decisions about their future.
- All current grade 9 students have been in the program.
- Ask you student to see the work done in the account.

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).		
One of: <ul style="list-style-type: none"> • English 10-1, 10-2 • Français 10, 13 or 10-2 	One of: <ul style="list-style-type: none"> • English 20-1, 20-2 • Français 20, 23 or 20-2 	One of: <ul style="list-style-type: none"> • English 30-1, 30-2 • Français 30 or 30-2
At least two of: <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 	At least two of: <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 	At least two of: <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
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.	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.	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.

Academic Guidance Communication

- Student Services Page at: www.hughsutherlandschool.ca
- Google Classroom for Grad Class 2022

Course Request Form for Grade 10 & Online

Hugh Sutherland School Course Request Form 2017/2018

Student Name _____ going into year **10**

"Core" courses: (remember the 6/6 guideline)

English (choose one)	English 10-1 (S)	English 10-2 (S)	_____ credits
Math (choose one)	Math 10-C (S)	Math 10-B (S)	_____ credits
Science (choose one)	Science 10 (S)	Science 14 (S)	_____ credits
Social Studies (choose one)	S.S. 10-1 (S)	S.S. 10-2 (S)	_____ credits
Physical Education 10 (S) (mandatory)			_____ credits
Career and Life Management - CALM 20 (S) (mandatory)			_____ credits
Health & Wellness Fundamentals (HWF) (mandatory)			_____ credits

"Complementary" courses:

Please select your top six choices and assign them a priority number in the space provided. Some courses are only offered once a year, so make your "semester" choice in case the schedule doesn't allow for the completion of courses you selected.

Priority:	Priority:
_____ Art 10 - 3 credits or 2 credits	_____ Visual Learning - 2 credits
_____ Latin 10 - 4 year - 2 credits	_____ Visual Learning - 4 credits
_____ Art 10 - 7 (The Image) - 2 credits	_____ Law Studies - 2 credits
_____ Chinese Studies (Introduction) - 2 credits	_____ International Business - 2 credits
_____ Media Arts - 2 credits	_____ Leadership Studies - 2 credits
_____ Media Arts - 4 credits	_____ Photography - 2 credits
_____ Chemistry - 2 credits	_____ Social Performance - 2 credits
_____ Computing - 4 credits	_____ Social Performance - 4 credits
_____ Drama - 2 credits	_____ Social Learning (II) (Language) - 4 credits
_____ French - 2 credits	_____ Second Language - 4 Credits
_____ French - 4 credits	_____ Other _____
_____ Forensics - 2 credits	_____ Other _____
_____ Health Education - 2 credits	_____ Other _____
_____ Music Education - 4 credits	_____ Other _____

CC #10 policy states that students in grades 10 and 11 must have a full timetable. If you don't choose enough complementary courses you may be put into courses at the school's discretion.

Parent Signature _____ Date _____

Parent Signature _____ Date _____

I may not attend 2022 next year.

Questions and Contact

Mr. Kevin Hronek

Your Student's Connect Advisor

Academic Guidance Counselor

khronек@cesd73.ca

kevinhronek.youcanbook.me