

ALBERTA HIGH SCHOOL DIPLOMA REQUIREMENTS

The requirements indicated in this chart are the minimum requirements for a student to attain an Alberta High School Diploma. The requirements for entry into postsecondary institutions and workplaces may require additional and specific courses.

100 Credits

Including the following:

English Language Arts - 30 Level (5 credits)
(English Language Arts 30-1 or 30-2)

Social Studies - 30 Level (5 credits)
(Social Studies 30-1 or 30-2)

Mathematics - 20 Level (5 credits)
(Pure Mathematics 20, Applied Mathematics 20 or Mathematics 24)
(Math 20-1, Math 20-2 or Math 20-3)

Science - 20 Level (5 credits)
(Biology 20, Chemistry 20, Physics 20, Science 20 or Science 24)

Physical Education 10 (3 or 5 credits)

Career and Life Management (3 credits)

10 Credits in any combination from:

Career and Technology Studies (CTS)

Fine Arts

Second Languages

Physical Education 20 and/or 30

*Locally developed/acquired and locally authorized courses in CTS, Fine Arts,
Second Languages, K & E Occupational Courses or IOP Occupational Courses*

Knowledge and Employability

Registered Apprenticeship Program Courses

These complementary courses are not included in this category:

Film Studies, Creative Writing and Publishing, Psychology, Sociology, Anthropology, World Religions
Environmental Science.

10 Credits in any 30-level course

(in addition to a 30-level English Language Arts
and a 30-level Social Studies course as specified above)

These courses may include:

30-level locally developed/acquired and locally authorized courses

3000 series, advanced level, in Career and Technology Studies courses

30-level Work Experience

30 level Knowledge and Employability course

35-level Registered Apprenticeship Program

30-level Green Certificate Specialization

Special Projects 30



ALBERTA CERTIFICATE OF HIGH SCHOOL ACHIEVEMENT REQUIREMENTS

The requirements indicated are the new minimum requirements for a student to attain an Alberta High School Certificate of Achievement. The requirements for entry into post-secondary institutions and workplaces may require additional and specific courses.

80 Credits

Including the following:

English Language Arts 20-2 or 30-4

Social Studies 10-2 or 20-4

Mathematics 10-3 or 20-4

Science 14 or 20-4

Physical Education 10 (3 credits)

Career and Life Management (3 credits)

5 Credits in

*30-level Knowledge and Employability occupational course or
30-level Career and Technology Studies (CTS) course, or
30 level locally developed course with an occupational focus*

AND

5 Credits in

*30-level Knowledge and Employability Workplace Practicum course, or
30-level Work Experience course, or
30-level Green Certificate course*

OR

5 Credits in

A 30-level Registered Apprenticeship Program (RAP) course

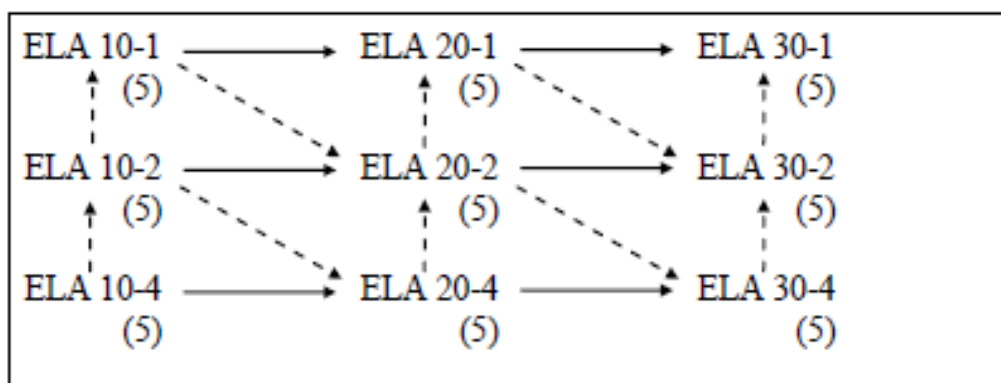
To qualify for a Certificate of High School Achievement, students must be enrolled in a minimum of one academic Knowledge and Employability course.

To transition to the new Certificate of High School Achievement, 36-level IOP Occupational courses may be used in lieu of 30-4-level Knowledge and Employability Occupational Courses.

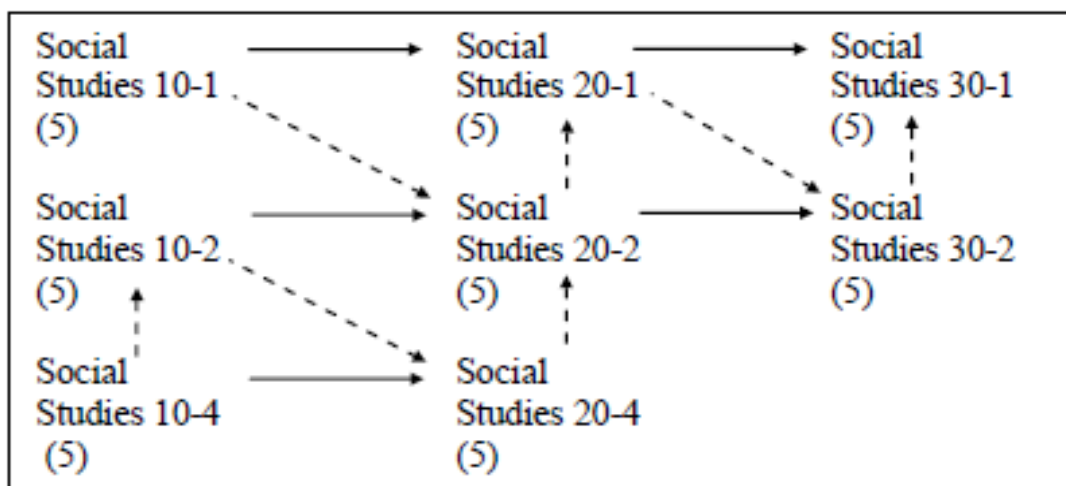


Recommended Transfer Points & Course Sequences for Senior High School

English Language Arts (ELA) Program

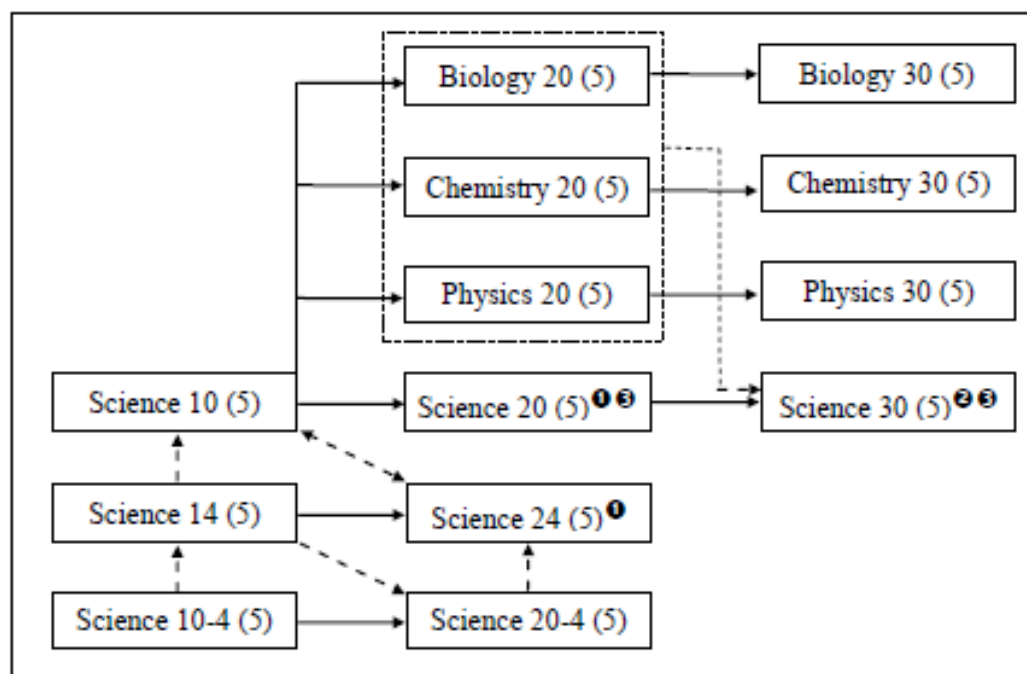


Social Studies Program



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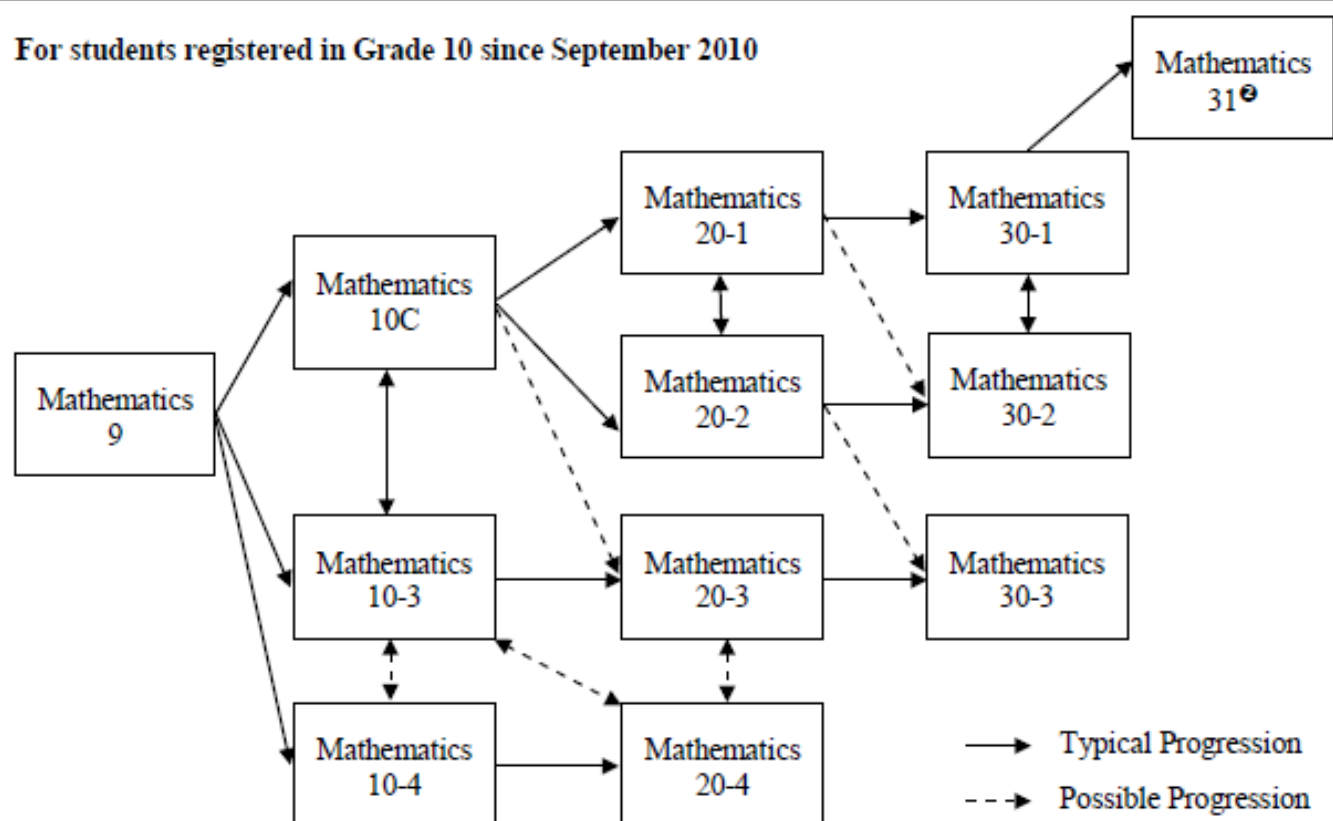
Science Program



Mathematics Program

Possible Sequences—Mathematics Course Sequences^①

For students registered in Grade 10 since September 2010





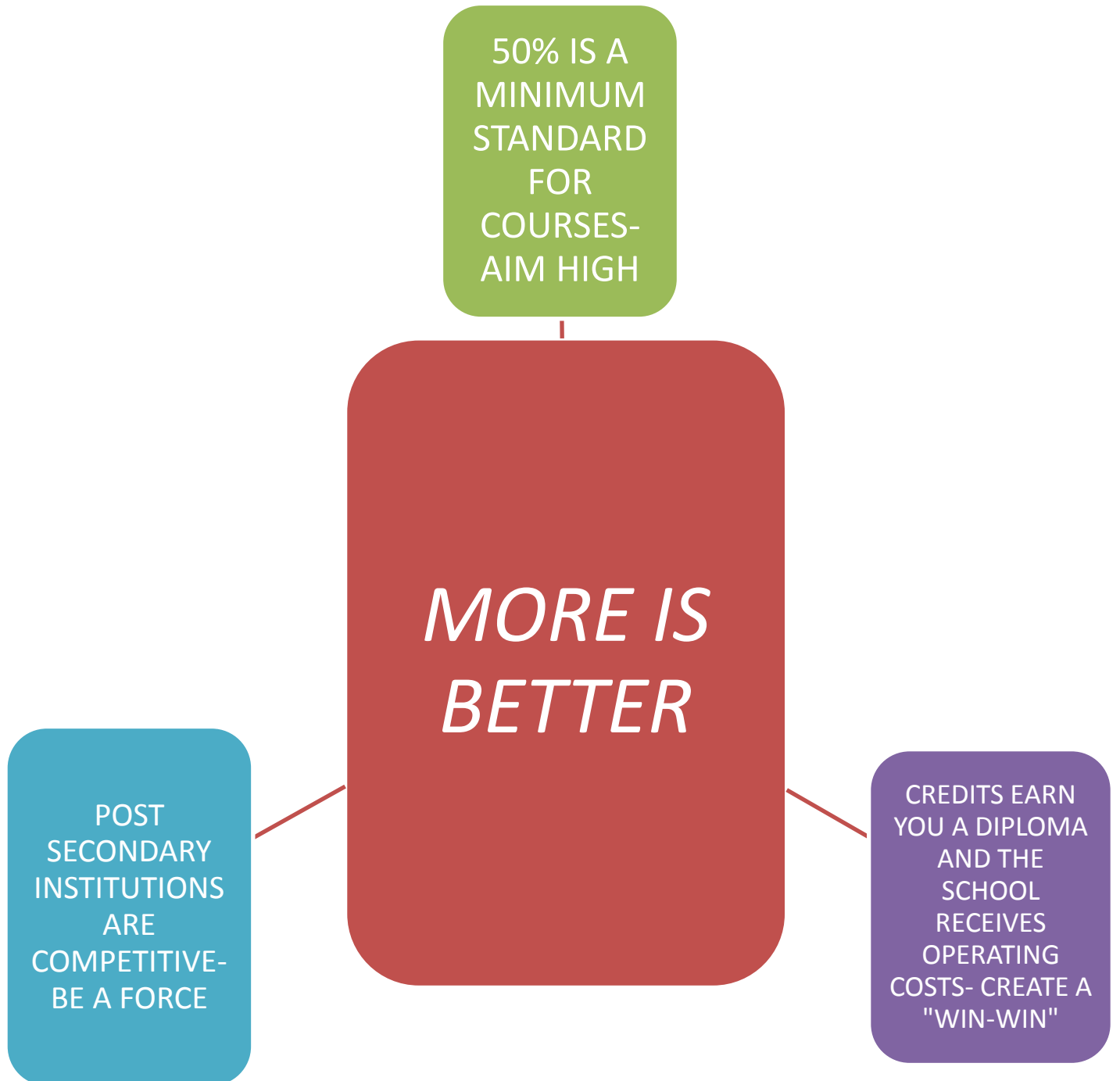
A SAMPLE GRADE 10 TIMETABLE

(Actual times for 2013-2014 will vary; students select one course from each block) (A description of each course follows this sheet)

BLOCK	SEMESTER 1	SEMESTER 2
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1	ENGLISH *10-1 *10-2 *10-4	SOCIAL STUDIES *10-1 *10-2 *10-4
2	MATH *10C *10-3 *10-4	SCIENCE *10 *14 *10-4
3	HCS 3000 C.A.L.M. 20	<u>CHOICE</u> <ul style="list-style-type: none"> FOODS WORK EXPERIENCE (REQUIRES HCS 3000) ADLC COURSES, SUCH AS FORENSICS, ART, FORESTRY ETC.
4	PHYS. ED. 10 (3 OR 5 CREDIT)	<u>CHOICE</u> <ul style="list-style-type: none"> PHYS. ED. 20/30 WORK EXPERIENCE (REQUIRES HCS 3000) ADLC COURSES, SUCH AS THE ABOVE OR ENTREPRENEURSHIP, COSMOTOLOGY, ETC.)

REACHING ONE'S POTENTIAL



REQUIRED COURSES

- Select one course from EACH number.
- Students will still need to register for option/CTS courses; the listed courses (below) are the “essentials” of completion requirements.



1A. English 10-1 - 5 credits

Prerequisites and recommendations: Grade 9 Language Arts (65% highly recommended)

Success in this course will lead to:
English 20-1

-University and technical
colleges/institutions

This course is about:

- ☐ Developing increasingly complex and sophisticated skills in reading, writing, speaking, listening, viewing and representing.
- ☐ An emphasis on the study, creation and analysis of literary texts, including a Shakespearean play.
- ☐ Exploring human experiences and values through literature.

Student qualities:

- ☐ Strength in critical and analytical reading skills.
- ☐ Proficient writing skills.
- ☐ Willingness to share ideas and appreciate different viewpoints of others.
- ☐ Diligent work habits.

1B. English 10-2- 5 credits

Prerequisites and recommendations:
Grade 9 Language Arts (recommended for students with a mark between 50 and 65%).

-Technical institutions and some colleges



These courses are about:

- ☐ Further developing basic skills in reading, writing, speaking, listening, viewing and representing.
- ☐ An emphasis on personal response and connection to texts.
- ☐ Developing skills and attitudes in language needed for everyday living at home, in the work place, and in the community.
- ☐ Exploring human experiences and values through literature.

Student qualities:

- ☐ Willingness to improve basic reading and writing skills.
- ☐ Willingness to appreciate and value the ideas and opinions of others.
- ☐ Willingness to offer ideas and viewpoints.
- ☐ Diligent work habits.

1C. English 10-4 (Knowledge and Employability Course) – 5 credits

Prerequisites and recommendations:

Grade 9 Language Arts (recommended for students with a mark of 50% or lower).
K & E recommendation required.

For students to move to the -2 stream, they must take the English course in the same grade level (10-4 to 10-2 and 20-4 to 20-2).

Success in these courses will lead to: completion is the English requirement for a high school Certificate of Achievement.

-Some technical institutions

These courses are about:

- ☐ Further developing basic skills in reading, writing, listening, speaking, viewing, and representing.
- ☐ Emphasis on writing personal response and obtaining a basic understanding of reading.
- ☐ Develop English skills that have practical use in the home, workplace, and community.
- ☐ Develop decision making skills.

Student qualities:

- ☐ A desire to improve English skills
- ☐ Willingness to offer ideas and viewpoints.
- ☐ Willingness to understand the ideas and opinions of others

2A. Math 10C– 5 credits

Prerequisites: 50% in Grade 9 Math

Recommended: 60% and teacher recommendation

-University and technical colleges/institutions



This course is about:

- ☐ Measurement, surface area, volume
- ☐ Trigonometry fundamentals.
- ☐ Real numbers and radicals
- ☐ Rational exponents.
- ☐ Polynomials & factoring.
- ☐ Linear relations & functions
- ☐ Systems of linear equations

Student qualities:

- ☐ Willingness to take on responsibility for learning including doing class assignments and homework.
- ☐ A positive attitude and good attendance.

2B. Math10-3 – 5 credits

Prerequisites: Under 55% in Grade 9.

This course can lead to Math 10-C with above 70% in Math 10-3.

***A student who fails Math 9 MUST take Math 10-3 OR Math 10-4**

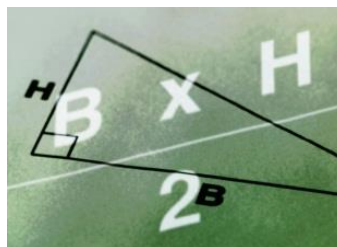
-Technical institutions and some colleges

This course is about:

- ☐ Measurement, Surface area ,Volume, Mass, capacity
- ☐ 2-D and 3-D shapes
- ☐ Geometry –Angles, parallel lines
- ☐ Polygons
- ☐ Pythagorean Theorem
- ☐ Primary Trig Ratios
- ☐ Unit pricing, exchange, proportions
- ☐ Formulas
- ☐ Income

Student qualities:

- ☐ Willingness to complete class assignments and projects.
- ☐ A positive attitude and good attendance.



2C. Math 10-4 (A Knowledge & Employability Course)- 5 credits

Prerequisites: A modified Grade 9 math program. K & E recommendation required.

-Some technical institutions

This course is about:

- ☐ Developing basic math literacy.
- ☐ Applications of math to real life
- ☐ Developing skills and attitudes in mathematics needed for everyday living at home, in the work place, and in the community.

Student qualities:

- ☐ Has a difficulty with mathematics.
- ☐ A positive attitude and good attendance
- ☐ Willingness to complete class assignments and projects.

3A. Science 10 - 5 credits

Prerequisites and recommendations:
Grade 9 Science (60% recommended).

Success in this course will lead to:
Science 20, Biology 20, Chemistry 20
and/or Physics 20.

-University and technical colleges/institutions

This course is about:

- ☐ Energy and matter in chemical change- Chemistry.
- ☐ Energy flow in technological systems- Physics.
- ☐ Cycling of matter in living systems – Biology.
- ☐ Energy flow in global system - Ecology.

Student qualities:

- ☐ Self-motivation and ability to work independently and in lab groups.
- ☐ Strong math skills.

3B. Science 14 - 5 credits

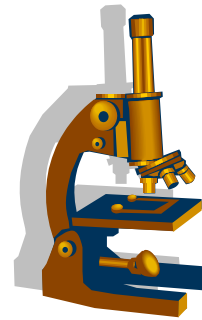
Prerequisites and recommendations:

Grade 9 Science (recommended for students with a mark of under 55%).

Success in this course will lead to:

Science 24

-Technical institutions and some colleges



This course is about:

- ☐ Energy transfer technologies - Physics
- ☐ Properties of matter - Chemistry
- ☐ Matter and energy in living things - Biology
- ☐ Matter and energy in the environment - Ecology

Student qualities:

- ☐ Has difficulties with science and mathematics
- ☐ Enjoys hands-on participation in laboratory experiments
- ☐ A positive attitude and good attendance

3C. Science 10-4 (A Knowledge and Employability Course) - 5 credits

Prerequisites and recommendations:

Grade 9 Science (recommended for students with a mark of 50% or lower). K & E Recommendation required.

Success in this course will lead to:

Science 24 or Science 20-4

-Some technical institutions

This course is about:

- ☐ Energy transfer technologies - Physics
- ☐ Properties of matter - Household and workplace chemistry 1.

Student qualities:

- ☐ Has difficulty with science and mathematics.
- ☐ Enjoys hands-on participation in

- ☐ Human health 1 - Biology
- ☐ Humans, energy and the environment - Ecology.
- laboratory experiments.
- ☐ A positive attitude and good attendance.

4. Physical Education 10 – 3 or 5 credits

Prerequisites: Grade 9 Physical Education.

Success in this course will lead to: completion of the physical education requirements for a high school Diploma or Physical Education 20



This course is about:

- ☐ Emphasizing active living, with a focus on physical activity that is valued and integrated into daily life.
- ☐ Understanding, experiencing and appreciating the health benefits that result from physical activity.
- ☐ A variety of team and individual activities, games, and fitness.

Student qualities:

- ☐ Positive attitude with a willingness to participate and learn.
- ☐ Interacting positively with others.
- ☐ Assuming responsibility for an active lifestyle.

5A. Social Studies 10-1 - 5 credits

Prerequisites and recommendations: Grade 9 Social Studies (65% recommended)

Success in this course will lead to: Social Studies 20-1 (60% recommended) or Social Studies 20-2 (recommended with a mark between 50% - 60%).

-University and technical colleges/institutions

This course is about:

- ☐ To what extent should we embrace globalization?

Student qualities:

- ☐ Strong analytical skills.
- ☐ Strong reading and writing skills, particularly reading comprehension.
- ☐ Dedication and self-discipline.

5B. Social Studies 10-2 - 5 credits

Prerequisites and recommendations: Grade 9 Social Studies (recommended for students with a mark of under 65%).

Success in this course will lead to: Social Studies 20-2.

-Technical institutions and some colleges

This course is about:

☐ To what extent should we embrace globalization?

Student qualities:

- ☐ Positive attitude and interest in learning.
- ☐ Proficient reading and writing skills.
- ☐ Commitment to good attendance.

5C. Social Studies 10-4/10-2 (A Knowledge and Employability Course) - 5 credits

Prerequisites and recommendations:

Grade 9 Social Studies (recommended for students with a mark of 50% or lower). K & E recommendation required.



Success in this course will lead to: Social Studies 20-4 or Social Studies 20-2.

-Some technical institutions

This course is about:

☐ Should we embrace globalization?

Student qualities:

- ☐ Positive attitude and interest in learning.
- ☐ Willingness to improve basic reading and writing skills.
- ☐ Commitment to good attendance.

6. Career and Life Management (CALM 20) – 3 credit requirement for a High School Diploma

Prerequisites: none.

This course is about:

- ☐ Personal growth and development including relationship building
- ☐ Expanding career planning and job search skills.
- ☐ Managing personal resources. e.g. money and time.
- ☐ Exploring the costs of “independent living

Student qualities:

- ☐ Willingness to participate and demonstrate responsibility for course work.
- ☐ Desire to grow personally.
- ☐ Ability to demonstrate tolerance and understanding of others.

ADDITIONAL LINKS/RESOURCES

1) Alberta Education- Guide to Education

<http://education.alberta.ca/admin/resources/guidetoed.aspx>

2) Scholarships and Bursaries

<http://alis.alberta.ca/ps/fo/scholarships/scholarships.html>

3) Rutherford Scholarship

http://alis.alberta.ca/ps/fo/scholarships/info.html?EK=1_1

4) Student Awards.com

<http://www.studentawards.com/>

5) Alberta Occupational Profiles

<http://alis.alberta.ca/occinfo/Content/RequestAction.aspx?format=html&aspAction=GetHomePage&Page=Home>

6) Alberta Distance Learning Centre

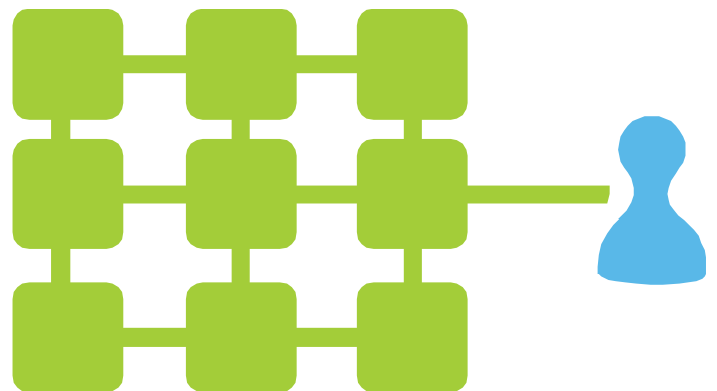
<http://www.adlc.ca>

7) My Blueprint

<http://www.myblueprint.ca/support/educator-resources>

8) Canadian Universities Forum

<http://www.univforum.com/>



CAREER PLANNING CHECKLIST



THE CHECKLIST

GRADE

9 10 11 12

- ☐ ☐ ☐ ☐ update career interest areas
- ☐ ☐ ☐ ☐ review high school diploma requirements
- ☐ ☐ ☐ ☐ review options after high school
- ☐ ☐ ☐ ☐ review post-secondary entrance requirements
- ☐ ☐ ☐ ☐ develop/update transition scenarios
- ☐ ☐ ☐ ☐ develop/update career portfolio
- ☐ ☐ ☐ ☐ develop/review long-term career plan

GRADE

9 10 11 12

- ☐ ☐ ☐ ☐ build personal career planning reference guide
- ☐ ☐ ☐ ☐ visit school/community career centre
- ☐ ☐ ☐ ☐ discuss plans with parents/guardian
- ☐ ☐ ☐ ☐ discuss plans with career advisor
- ☐ ☐ ☐ ☐ review financial needs/resources
- ☐ ☐ ☐ ☐ participate in work site learning
- ☐ ☐ ☐ ☐ develop job search techniques/tools

CONSULTATION

DATE	ITEMS DISCUSSED & FOLLOW-UP	SIGNATURES
		Student _____ Counsellor _____ Parent _____
		Student _____ Counsellor _____ Parent _____
		Student _____ Counsellor _____ Parent _____
		Student _____ Counsellor _____ Parent _____



“Together we can; together we will!”