COURSE SELECTION FOR MEXT VEAR

#### STEPS FOR COURSE SELECTION

- Complete a career interest inventory so that you have an idea of what you might like to study in postsecondary
  - www.careercruising.com
  - Username: CBE-123456789 (Student ID)
  - Password: MMDDYYYY (Birthdate)
- Research admission requirements for postsecondary goals
- Complete a 3 or 4 year plan including all the courses you need for your high school diploma, French Immersion Certificate and/or Spanish
   Bilingual Certificate as well as post-secondary requirements

## ALBERTA HIGH SCHOOL DIPLOMA REQUIREMENTS

100 credits including the following:

- □ENGLISH LANGUAGE ARTS 30 LEVEL
- □SOCIAL STUDIES 30 LEVEL
- □MATHEMATICS 20 LEVEL
- □SCIENCE 20 LEVEL
- **PHYSICAL EDUCATION 10**
- **CAREER AND LIFE MANAGEMENT**
- □10 credits in any combination from: CTS, Fine Arts, Second Languages, PE20 and/or 30
- □10 credits in any 30-level course (in addition to ELA 30-1 or 30-2 and SS 30-1 or 30-2)

#### FRENCH IMMERSION CERTIFICATE

- ☐ 15 credits in French Language Arts
- □ 15 credits in Social Studies in French
- □ 15 credits in Mathematics in French

#### SPANISH BILINGUAL CERTIFICATE

- ☐ 15 credits in Spanish Language Arts
- ☐ 5 credits in Math 10 C Sp
- □ 5 credits in Art, Sculpting or Comm Tech in Spanish

# GENERAL GUIDELINES FOR ACADEMIC SUCCESS & WELLNESS

- Take a maximum of 6 core courses per year (3 in each semester).
- Choose the academic stream (-1, -2, -3) for each subject carefully in consultation with your subject teachers and your parents.
- Take 20-level courses in Gr. 11 and 30-level courses in Gr. 12.
- Include physical activity in or outside of your timetable.
- Include complementary courses in your timetable.
- Get involved in extra-curricular activities.

| Gr. 11 Course              | Prerequisite                        |
|----------------------------|-------------------------------------|
| English 20-1*              | English 10-1 or English 20-2        |
| English 20-2               | English 10-2 or English 10-1 (40+%) |
| Social 20-1*               | Social 10-1                         |
| Social 20-2                | Social 10-2 or Social 10-1 (40+%)   |
| FLA 20-1*                  | FLA 10-1                            |
| FLA 20-2                   | FLA 10-1 (40+%)                     |
| SLA 20-1                   | SLA 10-1                            |
| Math 20-1** (Pre-Calculus) | Math 10C                            |
| Math 20-2                  | Math 10C                            |
| Math 20-3                  | Math 10-3, Math 10C (40-49%)        |
| Bio 20*                    | Science 10                          |
| Chem 20*                   | Science 10                          |
| Physics 20*                | Science 10                          |
| Science 20                 | Science 10                          |
| Science 24                 | Science 14 or Science 10(40-49%)    |

<sup>\*</sup>Students with marks above 60 in the prerequisite course are more likely to be successful in these courses \*\*Students with marks above 70 in Math 10C are more likely to be successful in Math 20-1

## RETROACTIVE CREDITS

| Course             | Final Mark  | Next Year Course                          |
|--------------------|-------------|---|
| English 10-1 40-49 |             | English 20-2                              |
|                    |             | (Receive retroactive credits for English  |
|                    |             | 10-2 after passing English 20-2)          |
| Math 10C           | 40-49       | Math 20-3                                 |
|                    |             | (Receive retroactive credits for Math 10- |
|                    |             | 3 after passing Math 20-3)                |
| Science 10         | 40 – 49     | Science 24                                |
|                    |             | (Receive retroactive credits for Science  |
|                    |             | 14 after passing Science 24)              |
| Social 10-1 40-49  | Social 20-2 |   |
|                    |             | (Receive retroactive credits for Social   |
|                    |             | 10-2 after passing Social 20-2)           |

## **GRADE 11 ADVANCED PLACEMENT COURSES**

| AP Course                   | Prerequisite Course |
|-----------------------------|---------------------|
| English 20-1 Pre-AP         | English 10-1 Pre-AP |
| European History AP (Sem 2) | Social 20-1 (Sem 1) |
| Math 20-1 Pre-AP            | Math 10 C Pre-AP    |
| Chem 20 Pre-AP              | Science 10 Pre-AP   |
| Bio 20 Pre-AP & Bio30AP     | Science 10 Pre-AP   |
| Physics 20 Pre-AP           | Science 10 Pre-AP   |

| Gr. 12 Course            | Prerequisite                           |
|--------------------------|--|
| Aboriginal Studies 30    | Social 20-1                            |
| English 30-1*            | English 20-1 or English 30-2           |
| English 30-2             | English 20-2 or English 20-1 (40+%)    |
| FLA 30-1*                | FLA 20-1                               |
| FLA 30-2                 | FLA 20-1 (40+%)                        |
| SLA 30-1                 | SLA 20-1                               |
| Social 30-1*             | Social 20-1 or Social 30-2             |
| Social 30-2              | Social 20-2 or Social 20-1(40+%)       |
| Math 30-1*(Pre-Calculus) | Math 20-1 or Math 30-2                 |
| Math 30-2                | Math 20-2 or Math 20-1 (40+%)          |
| Math 30-3                | Math 20-3, Math 20-2 (40+%)            |
| Biology 30*              | Bio 20                                 |
| Chemistry 30*            | Chemistry 30                           |
| Physics 30*              | Physics 20                             |
| Science 30               | Science 20, Bio 20, Chem 20 or Phys 20 |

<sup>\*</sup>Students with 60+ in the prerequisite are more likely to be successful in these courses.

## **RETROACTIVE CREDITS**

| Course       | Final<br>Mark | Next Year Course   |
|--------------|---------------|--|
| English 20-1 | 40-49         | English 30-2<br>(Receive retroactive credit for ELA 20-2<br>after passing ELA 30-2)      |
| FLA 20-1     | 40-49         | FLA 30-2<br>(Receive retroactive credit for FLA 20-2<br>after passing FLA 30-2)          |
| Math 20-1    | 40-49         | Math 30-2<br>(Receive retroactive credit for Math 20-2<br>after passing Math 30-2)       |
| Social 20-1  | 40-49         | Social 30-2<br>(Receive retroactive credit for Social 20-2<br>after passing Social 30-2) |

## **GRADE 12 ADVANCED PLACEMENT COURSES**

| AP Course                | Prerequisite Course            |
|--------------------------|--------------------------------|
| English 30-1 AP          | ELA 20-1 or ELA 20-1 AP        |
| Comparative Govt 30 AP   | Social 30-1                    |
| Math 30-1 Pre-AP & 31 AP | Math 20-1 AP                   |
| Chem 30 Pre-AP/35AP      | Chem 20 AP                     |
| Physics 30 AP            | Physics 20 Pre-AP              |
| French AP Exam*          | FLA 20-1 or FLA 30-1 or FSL 30 |
| Spanish AP Exam*         | SLA 20-1 or SLA 30-1           |

<sup>\*</sup>Offered outside of the timetable

## CHECK POST-SECONDARY ADMISSION REQUIREMENTS

Admission Requirements for Apprenticeships:

https://tradesecrets.alberta.ca/SOURCES/PDFS/Entrance\_Requirements.pdf. The recommended path for Category B Apprenticeship is: ELA 30-2, Math 30-3, and Physics 30, Chemistry 30 or Science 30.

Admission Requirements at Calgary Post-Secondary Institutions:

University of Calgary: <a href="http://www.ucalgary.ca/admissions/requirements">http://www.ucalgary.ca/admissions/requirements</a>
Mount Royal University:

http://www.mtroyal.ca/Admission/AdmissionRequirements/high\_school.htm

SAIT – There is great advantage to applying early. Apply early (October) for admission the following fall. Each program has different admission requirements. Students can apply for free at the Open House in the fall. Please see website: <a href="http://www.sait.ca/admissions/admission-and-">http://www.sait.ca/admissions/admission-and-</a>

selection.php

Bow Valley College – Each program has different admission requirements.

Please see website: <a href="http://bowvalleycollege.ca/programs-and-courses.html">http://bowvalleycollege.ca/programs-and-courses.html</a>

|   | University of Calgary   | Mount Royal University   |
|---|---|--|
| Bachelor of<br>Arts   | <ul><li>ELA 30-1</li><li>4 approved courses (1 may be an option)</li></ul>  | <ul> <li>ELA 30-1</li> <li>Math 30-1 or 30-2 or a language 30</li> <li>3 approved courses(1-2 may be options)</li> </ul>   |
| Bachelor of Commerce  | <ul> <li>ELA 30-1</li> <li>Math 30-1</li> <li>3 approved courses (1 may be an option)</li> </ul>  | <ul> <li>ELA 30-1</li> <li>Math 30-1 or 30-2</li> <li>3 approved courses(1-2 may be options)</li> </ul>  |
| Bachelor of Kinesiology   | <ul> <li>ELA 30-1</li> <li>Math 30-1</li> <li>Biology 30</li> <li>Chem 30</li> <li>One approved course (may be an option)</li> </ul>  | <ul> <li>ELA 30-1</li> <li>Math 30-1 or 30-2</li> <li>Biology 30</li> <li>2 approved courses (1-2 may be options)</li> </ul>   |
| Bachelor of<br>Nursing  | <ul> <li>ELA 30-1</li> <li>Math 30-1 or Math 30-2</li> <li>Biology 30</li> <li>Chemistry 30</li> <li>One approved course (may be an option)</li> </ul>                            | <ul> <li>ELA 30-1</li> <li>Math 30-1 or 30-2</li> <li>Biology 30</li> <li>One of Chemistry 30, Physics 30 or Science 30</li> <li>One approved course (may be an option)</li> </ul> |
| Bachelor of Science   | <ul> <li>ELA 30-1</li> <li>Math 30-1</li> <li>Two of: Biology 30, Chemistry 30,<br/>Physics 30, Math 31 or Comp Sci 30</li> <li>One approved course (may be an option)</li> </ul> | <ul> <li>ELA 30-1</li> <li>Math 30-1</li> <li>Chemistry 30</li> <li>2 approved courses (1-2 may be options)</li> </ul>   |
| Bachelor of<br>Science in<br>Engineering  | <ul> <li>ELA 30-1</li> <li>Math 30-1</li> <li>Math 31</li> <li>Chemistry 30</li> <li>Physics 30</li> </ul>  | Program not offered at MRU   |
| Note: Please verify admission requirements on the institution's website for up-to-date information. |   |  |

#### **CHOOSING SCIENCES**

- There are very few post-secondary programs that require all 3 sciences to the 30-level and Math 31.
- The science courses required for UBC Vancouver's Bachelor of Science Degree are: Chemistry 20, Physics 20 and one of Bio 30, Chem 30 or Physics 30.

http://you.ubc.ca/admissions/canadian-highschools/ab-nwt-nunavut/#1

The science courses required for UVic's Bachelor of Science Degree are: Chemistry 20, Physics 20, and two of Bio 30, Chem 30, Physics 30 or Science 30.

https://www.uvic.ca/futurestudents/undergraduate/admissions/s/thinking/adms-requirements.php#acc-2-alberta,-northwest-territories-and-nunavut

#### THE IMPORTANCE OF COMPLEMENTARY COURSES

- Grade 12 Second Languages courses(FSL 30, SLC 30, SLA 30-1, FLA 30-1) are accepted at all universities across Canada as an approved academic course.
   French Immersion students may choose to challenge FSL 30 in their Grade 12 year to improve their grade point average for university.
- Aboriginal Studies 30 is accepted as an academic course at many universities.
- Fine Arts courses (Instrumental Music 30, Choral Music 30, Art 30, Drama 30) are accepted as a fifth course at many universities in Canada.
- Psychology/Sociology 30 is accepted as an approved course at some universities in Canada.
- Fine Arts 30 courses, CTS 30 courses, PE 30, Psychology/Sociology 30, Work Experience 35 are accepted at U of C, MRU and U of L as an approved option.
- Five courses are required at each grade level to calculate the average for the Alexander Rutherford Scholarship. This average consists of ELA (-1 or -2), 2 academic courses (-1 or-2) and 2 other courses. FSL 30, SLC 30, FLA 30-1 or SLA 30-1 may be used as an academic course for the Alexander Rutherford Scholarship. Students who achieve well in their complementary courses may use two complementary courses when calculating their average for this scholarship. <a href="http://studentaid.alberta.ca/media/54471/alexander-rutherford-2015-course-requirements.pdf">http://studentaid.alberta.ca/media/54471/alexander-rutherford-2015-course-requirements.pdf</a>

#### CAREER AND TECHNOLOGY CENTRE

Career and Technology Centre (CTC) at Lord Shaughnessy High School provides students with access to rigorous academic and technical curriculum in preparation for further education and careers in high-skill, high-demand occupations.

The following programs are offered:

- Auto Body
- Cosmetology
- Culinary Arts
- Energy and Environmental Innovation
- Health Sciences
- IT Essentials
- Media, Design, and Communication
- Pre-Engineering
- Welding/Fabrication

Aberhart students may spend half of their day at the CTC. They may take two different courses at the Introductory level in a half day or two of the same courses at the Advanced level. Transportation is provided one way.

#### OTHER INFORMATION

- Career and Life Management (CALM) is a 3 credit course. Students may choose to pair it with another 3 credit course like PE 20 or Personal Psychology 20.
- All 20 and 30 complementary courses have prerequisites with the exception of Personal Psychology 20 (3cr), Psychology 30 (3cr) and Sociology 30 (3 cr).
- Music 20(Band) is offered all year every other day alternating with English 20-1
- Music 30(Band) is offered all year every other day
- Aboriginal Studies 30 is new this year. It is accepted at many universities as an approved course. The prerequisite is Social 20-1.

#### **SUMMER SCHOOL - IN CLASS**

Summer School is offered through Chinook Learning Services:

http://www.chinooklearningservices.com/SummerSchool/SumSchool10-12.html

- Offered at various locations in the city from July 4-28<sup>th</sup>.
- Classes are scheduled from 8:15 am 12:50 pm.
- The closest location is Sir Winston Churchill. Not all courses are offered at each location.
- Summer school is ideal for repeating a course to improve your grade. If you
  must take a course for the first time at summer school, please discuss this
  decision with your Guidance Counsellor. It might make sense to take a course
  that will not be included in your grade point average for admission to postsecondary.
- French Immersion courses and most complementary courses (options) are not offered at Chinook.
- It is not advised to take a course that is required for post-secondary admission the summer after Grade 12 because grades will not be available to the postsecondary institution in time for fall admission.
- Students interested in summer school must call Chinook Learning in early May to book appointment.
- Students need to request a prerequisite form from our Student Services
   Department and bring it to their appointment.

#### SUMMER SCHOOL - ONLINE

- www.cbelearn.ca
- Students wishing to register for summer school at CBe-Learn need to meet with their Guidance Counsellor between May 1 and June 12.
- There is a limited selection of courses. Diploma courses are not offered.
- When selecting the courses you will take at Aberhart next year, do so as if you are not taking Summer School. We will revise your timetable when you register for summer school.

#### **CALM – Canadian Rockies Outdoor Learning Centre**

 Complete your CALM requirements in a 5-day experiential learning adventure! This 5-credit course includes hands-on outdoor projects that meet the outcomes of: Personal Choices, Resource Choices, Career Choices. Registration is now open at: olc.crps.ca

#### REDUCE STRESS LEVELS

## Remember there are many paths to reach your postsecondary goals:

- You can apply to more than one institution
- You can apply to an institution with a lower competitive admission average
- You can usually apply for two programs on one postsecondary application. Make sure your second choice has an achievable grade point average.
- You can rewrite a diploma exam.
- ■You can upgrade your courses by taking them online through CBe-Learn or in summer school. When you retake a diploma course or rewrite a diploma exam, your blended mark will be calculated using your <u>best</u> school-based mark and your <u>best</u> diploma exam mark ③.

#### COURSE SELECTION PROCESS

- 1. Guidance Counsellors explain the course selection process to Grade 10 and 11 students during their period 4 class from February 21-March 3. Students will be given a 4 year plan and a course list to prepare for course selection.
- 2. Students complete their 3 (or 4) year plan in consultation with their parents. Students with IPPs should consult with their IPP Coordinator.
- 3. Students should select courses in Home Logic by March 4<sup>th</sup>.
- 4. Guidance Counsellors will visit Grade 10 and 11 classes from March 7-15 to review course selection and answer any questions students may have.

#### **HOME LOGIC**

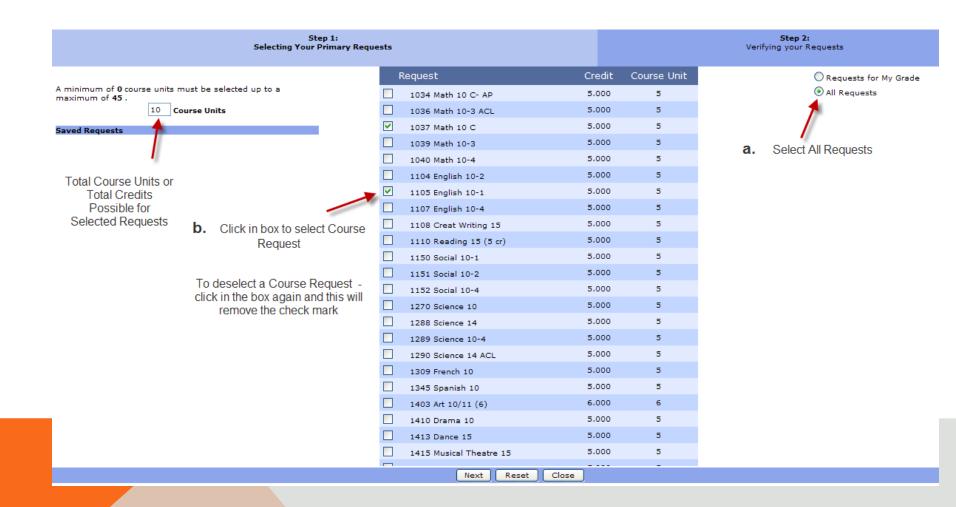
Instructions for requesting Courses:

1. Open an internet browser and go to

https://sirswebapps.cbe.ab.ca/Homelogic

- 2. Login to HomeLogic
- 3. Select Course Request from the menu on the left.
- a. Ensure "All requests" is selected on the right to display all courses offered.
- b. Click in the box beside the desired course to select it for request.
- c. Either a check mark or a popup message will appear.
- A checkmark indicates that the course request is ready for submission.
- If a message box pops up this will indicate that the pre-requisite requirements to take this class have not been met. Choosing Yes or No is necessary at this point.
- ➤ Yes the prerequisite to the course request selected is currently being taken.
- No the prerequisite to take this course has not been completed. The check mark will not display and you need to choose a different course request

### **HOME LOGIC**



#### HOME LOGIC CONTINUED

d. Once you have selected the courses you would like to request, there are three buttons to

choose at the bottom of the window.

- Choosing the Next button at the bottom of the window will submit your choices. A message will appear informing you that your course selections have been saved successfully – Select OK
- Choosing the Reset button will reset the current selections. (Previously submitted selections will not be affected).
- Choosing the Close button will close this window. No changes will be made.
- e. Once you have successfully saved your Course selections, the following screen will appear. This Verification screen will confirm your choices.
- f. Once you have verified the courses you would have requested, there are three buttons to

choose at the bottom of the window.

- Choosing the Back button will allow you to return to the Selection screen
- Choosing the Print button will allow you to to create a printout of your selections for your records.
- Choosing the Close button will close this window.