

# BERT CHURCH HIGH SCHOOL

## High School Course Planner

2018-2019

Also available online at <http://bertchurch.rockyview.ab.ca>



**INQUISITIVE, INCLUSIVE, INNOVATIVE**

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## **Course Planner Handbook 2018-2019**

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# BERT CHURCH HIGH SCHOOL

## Strive For Excellence

*Quaerite Excellentiam*



### Mission Statement

*Members of the Bert Church High School learning community collaborate and challenge all individuals to use skills, knowledge and values to become responsible, productive citizens and lifelong learners in an ever changing global community.*

### School Values

**INQUISITIVE, INCLUSIVE, INNOVATIVE**

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# Welcome to Bert Church High School

Bert Church High School has a proud tradition of striving for excellence and preparing students to become contributing citizens in our ever-changing global community. Through our core academic program and a wealth of complementary course offerings, our students are provided opportunity to personalize their learning to suit their individual needs. Our programs are designed by staff so all learners embrace a 'growth mindset' to use skills, knowledge and values to become responsible, productive citizens and lifelong learners. In order to support these outcomes, our school values are that each Charger is Inquisitive, Inclusive and Innovative. In 2018-2019, our school value will focus on being Innovative.

## Planning Your Courses

This guide is designed to help students plan their school programming. Course selection should be based on a student's current achievement, capabilities, interests, goals and teacher recommendations. Students register for courses in accordance with achievement and teacher's recommendations. 50% is the minimum mark to continue to the next level in any course sequence, however, the **recommended** marks to successfully continue to the next level may be higher. Recommended marks for advancement are indicated along the arrows in the course flow charts. Flow charts for more complex course sequences are provided within this booklet.

It is the responsibility of the student and parent to ensure the courses that the student selects meet the requirements for graduation. Please visit the Guidance and Career Centre pages on the school website to learn more about post-secondary education requirements, opportunities and scholarships. Use of myBlueprint will also assist in planning programs (see below).

## Selecting Your Courses

The programs in this guide are organized by core and complementary courses. All students are required to take core courses. Students select from the range of complementary courses in keeping with career pathways and personal interests. Consider the following before selecting courses:

1. Ensure completion of the necessary pre-requisites.
2. Consult teachers or school counsellors, if you are not sure about the course sequence you should select.
3. Review the courses needed to complete the Alberta High School Diploma (on next page).
4. Confirm the courses will meet requirements for post-secondary goals. Refer to your myBlueprint planner.

## Course & Timetable Changes

Essential timetable changes for both ***Semester One and Semester Two***, are to be undertaken at the start of the school year. Waiting until the second semester to make changes for that semester, may result in your requested courses not being available.

Each spring, students select core and complementary courses that form the basis of their schedules. The master timetable is designed and built from these course requests to meet the majority of students' programming needs. Course selection in our spring registration is also the single most critical element in staffing and budgeting for the next school year.

Students must choose carefully as only changes to classes, based on status of pre-requisites, will be considered. Changes after timetable issuance are based on educational reasoning only. *Requests for timetable changes based on teacher preference, or placement with peers, will not be approved.*

Overall, please ensure you make your course selections very thoughtfully and carefully.

## **Teacher Advisory – Learning Strategies 15-25-35 (3 Credits)**

The outcomes for this mandatory course are: understanding self as learner, organization and management of time and resources, understanding the learning process, assessment and evaluation (preparing for courses and exams effectively) and learning about self-advocacy. Another aim of the Teacher Advisory is to ensure that parents and student have a known “go-to” person at Bert Church High School. If there are concerns about academic progress, or social/emotional concerns, families can contact their student’s Teacher Advisor to discuss those concerns. The Teacher Advisor will communicate with colleagues (teachers, administration, school counsellors) to determine how to best address the identified needs. Further, Teacher Advisory assists students in reaching their educational goals and exploring options and areas of potential interest and growth through Focus time. Students are encouraged and guided to make sound educational decisions for their learning, whether it be a Focus option of special interest or to further develop skills and understandings in core academic classes. Teacher Advisory takes place once a week.

## **myBlueprint**

myBlueprint is the foundational educational planning tool used for the four year journey at BCHS. All students will have myBlueprint accounts to assist with setting goals, tracking high school diploma requirements and exploring post-secondary options. The School and Career Counsellors use myBlueprint to gather information on student needs and interests. The tool facilitates planning by ensuring that individual student’s educational interests and aspirations are known by our school staff. The interactive component of myBlueprint provides students with an opportunity to plan their education. It is highly customized to meet curriculum expectations and learning outcomes and to build on opportunities and experiences related to occupational interests. Students build a forward-thinking plan and visually track school-specific completed, in-progress and planned courses. The ability to create multiple “what-if” plans encourages students to explore options to meet their needs and interests. Our learners can explore a wealth of information on post-secondary opportunities across Canada based on personal preferences and saved high school plans. Options can be compared side-by-side to save time and make the most informed decisions about the future. Head to [www.myblueprint.ca](http://www.myblueprint.ca) and use the access code **bertchurch** (lowercase, one word) to open an account today!

## **Course Load**

Grade 10 and 11 students enroll in a full course load within the regular bell schedule and may not have spares. Grade 12 students enroll in six to eight courses within the regular bell schedule and may have up to one spare in each semester, providing that they have a minimum of 80 credits at the end of grade eleven. All students may also enroll in one or more of the additional courses offered outside the timetable for extra credit. All students must also attend Focus and Advisory blocks.

## **Acceleration**

In order to accelerate in an academic course sequence at a higher grade level, a student must have 80% or higher in the prerequisite course (and 85% in the Grade 9 pre-requisite), have a teacher recommendation and there must be space in the class. If the class becomes full, accelerated students will be removed to honor the needs of the grade level appropriate learners. Grade 10 students may accelerate in one 20-level academic course. Available spots are assigned according to marks. Grade 11 students may accelerate in one or two 30-level academic courses, if that is supportive of their highest learning achievement. Consultations should take place with the grade level administrator or counsellor.

## **Course Offerings**

Please note that complementary courses must have sufficient enrollment in order to be offered in the timetable.

# Alberta High School Diploma Requirements

**Students must earn a minimum of 100 credits and complete the following courses:**

- English Language Arts 30-1 or 30-2
- Social Studies 30-1 or 30-2
- Math 20-1 or Math 20-2 or Math 20-3
- Science 20 or 24 or Biology 20 or Chemistry 20 or Physics 20
- Physical Education 10 (3 or 5 credits)
- Career and Life Management (CALM) (3 credits)

**Earn 10 credits in any combination from:**

- Career and Technology Studies (CTS)
- Fine Arts
- Second Languages
- Physical Education 20 and/or 30
- Knowledge and Employability occupational courses
- Registered Apprenticeship Program Courses

**Earn 10 credits in any 30-level course**

(in addition to 30 level English and 30 level Social Studies), including:

- 30 level Mathematics, Science, Fine Arts, Languages, CTS, or Physical Education
- Advanced level (3000 series) in Career and Technology Studies Courses
- 35 level locally developed/acquired and locally authorized courses
- 35 level Work Experience
- 35 level Registered Apprenticeship Program courses
- 30-4 level Knowledge & Employability courses

## **MYPASS:**

myPass is a new secured self-service through Alberta Education. The website ([myPass.alberta.ca](http://myPass.alberta.ca)) is intended to enable high school students to view their academic information including credit count and diploma exam results. **Students will use myPass to order high school transcripts and to register to rewrite a diploma exam. This is also the ONLY access for students to view their diploma results.**

Students, who are registered to write a diploma exam and are not already signed up through myPass, will receive a registration letter from Alberta Education containing a PIN code. This PIN code expires so you will need to register promptly. As Alberta Education will send this letter to the address the school has on record, it is important that we have your correct address. When signing up for myPass, do not use your RVSchools email address, as this email will expire once you graduate.

# Certificate of High School Achievement Requirements

**Students must earn a minimum of 80 credits and complete the following courses:**

- English Language Arts 20-2 or 30-4
- Mathematics 10-3 or 20-4
- Science 14 or 20-4
- Social Studies 10-2 or 20-4
- Physical Education 10 (3 or 5 credits)
- Career and Life Management (CALM) (3 credits)

**Earn 5 credits in:**

- 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

**AND**

**Earn 5 credits in:**

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

**OR**

**Earn 5 credits in:**

- 30-level Registered Apprenticeship Program (RAP) course

## How credits are awarded:

Each course is assigned a credit value based on hours of instruction (usually 5 credits) as determined by Alberta Education. To receive credits in a course, a student must achieve a mark of 50%. Credits can only be earned once in any course. A grade of 50% must be obtained to proceed to the next course in the sequence. No credits will be granted when the maximum credits in a course have been previously awarded. Students achieving between 40% and 49% in a core course may, instead of repeating the course, take a course in a lower alternative sequence. For example, if receiving a mark of 42% in English 10-1, the student can proceed to English 20-2. If that course is passed, the student will receive retroactive credits in English 10-2. Students who successfully complete the next grade level course in the alternative sequence will then be granted retroactive credit for the prerequisite course. Most Grade 11 and 12 courses require prerequisite courses.

## Provincial Diploma Exams

Provincial Diploma Exams are required in English 30-1 and 30-2, Social Studies 30-1 and 30-2, Mathematics 30-1 and 30-2, Science 30, Biology 30, Chemistry 30, and Physics 30. The final mark in these courses is a combination of a school mark and the provincial diploma mark, with the diploma portion being weighted at 30% of the overall mark.

## Alberta Education Website

Visit <https://education.alberta.ca/> for more information about curriculum and exams.

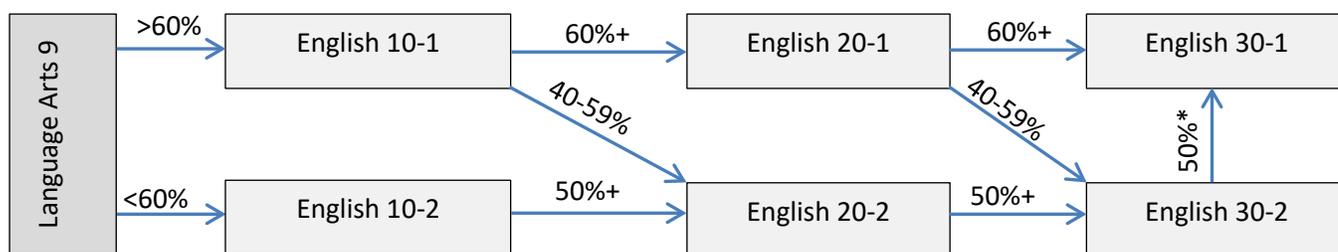
# ENGLISH

## English -1

This program sequence is designed for students with strong reading and communication skills and an interest in literature. Students will be asked to respond critically and personally to a wide variety of texts. Successful completion of English 30-1 is a requirement for entrance to all Canadian universities and many other post-secondary programs.

## English-2

This program sequence is designed to help students build confidence as they develop their English skills for school success, future careers and life goals. Successful completion of this program provides access to most certificate/diploma programs in colleges and technical institutions.



\*To successfully progress from English 30-2 to 30-1, it is recommended that a student achieve a mark of 75% or higher.

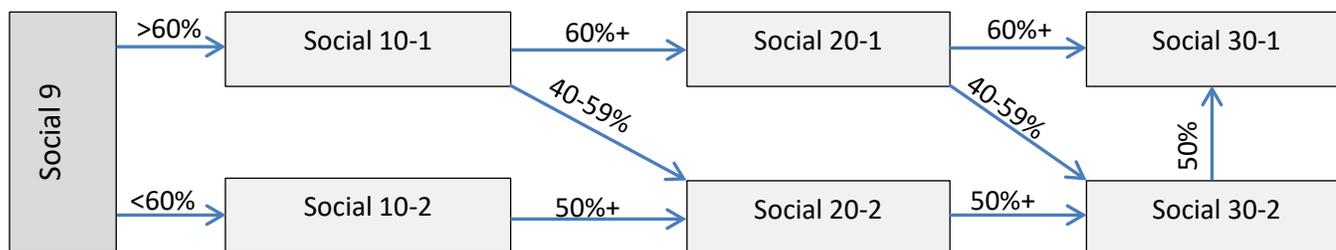
# SOCIAL STUDIES

## Social Studies -1

This program sequence is designed for academic students with strong communication skills. Students in Social 10-1 explore the origins of globalization and its impact, locally, nationally and internationally, on culture, economies, human rights and quality of life. Social 20-1 students explore the complexities of nationalism in Canadian and international contexts. Students in Social 30-1 explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism.

## Social Studies -2

This program sequence begins in Social 10-2 in which students explore the history of globalization and its effects on land, culture, human rights and quality of life. Students in Social 20-2 examine historical and contemporary understandings of nationalism in Canada and the world. In Social 30-2, students examine the origins, values and components of competing ideologies.



### Social Sciences Complementary Courses

#### Philosophy 20/30 \*

**Pre-requisite** ELA10-1 65% or ELA 10-2 70%

This course covers two sections: Origins of Western Philosophy 20 (3 credits) and Philosophies of Man 30 (3 credits). Students will engage in discussion and written assignments to explore and appreciate the meaning and need for philosophy, the perspectives and contributions of great philosophers through history, and the basic foundations of one's outlook, knowledge and beliefs.

***\*Please note that these two classes will be taught in the same block over the semester. Students will be taking both courses to earn a total of 6 credits.***

#### Western World History/World Religions 30 \*

**Pre-requisite** ELA10-1 65% or ELA 10-2 70%

**Western World History** will look at the classical societies that continue to influence us today (including ancient Greek and Roman cultures). The course will then progress through the medieval era, and will look at the importance of the Renaissance, Enlightenment and Scientific Revolutions.

In **World Religions**, students are introduced to an exploration of major current world religions including Buddhism, Christianity, Hinduism, Islam, Judaism, and Sikhism. This course will provide students with an awareness of the nature, place, and function of religion. Through research, dialogue, field trips and guest speakers, students will build an awareness of the historical and modern role religion plays in the world today.

***\*Please note that these two classes will be taught in the same block over the semester. Students will be taking both courses to earn a total of 6 credits.***

# MATHEMATICS

## Math 10 Combined (Math 10C)

Mathematics 10C is the starting point for both the Mathematics 1 and 2 course sequences. Each topic area requires that students develop a conceptual knowledge base and skill set that will be useful to whatever course sequence they have chosen. The topics covered within a course sequence are meant to build upon previous knowledge and to progress from simple to more complex conceptual understandings.

## Mathematics -1: Pre-Calculus

This program sequence is designed for students interested in post-secondary programs that further study of mathematics such as Calculus (e.g. Engineering and Mathematical Sciences). Mathematics 31 is an complementary course designed to prepare students for post-secondary Calculus. Mathematics 30-1 is a co-requisite to Mathematics 31 (can be taken simultaneously).

## Mathematics 31 – Calculus

**Suggested Pre-requisite: 65% in Mathematics 30-1**

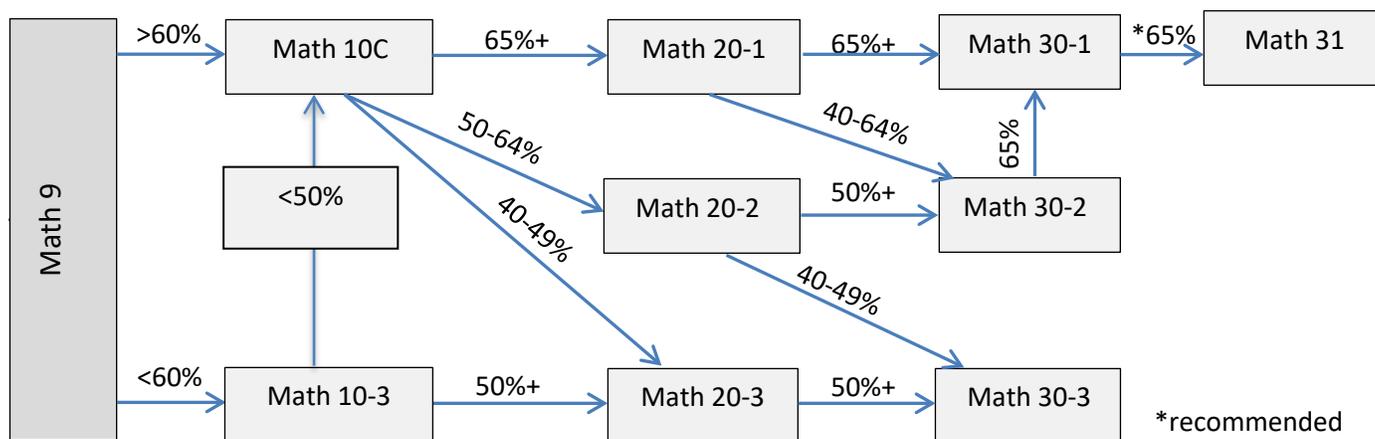
Mathematics 31 is designed for any student who, in all likelihood, will be attempting a calculus course at the post-secondary level. This could be in fields of studies such as Engineering, Science, Commerce and the like. Students are strongly encouraged to investigate the requirements necessary for their post-secondary goals, and if undergraduate mathematics is part of that program, the student should register in Mathematics 31. Topics are oriented toward the dynamic mathematics involved in the study of calculus, and give students the necessary background to further their studies at a post-secondary level.

## Mathematics -2: Principles of Mathematics

This program sequence is designed for students interested in post-secondary programs that do not require the study of Calculus. This sequence provides students with the flexibility to change course sequences if their interests change.

## Mathematics -3: Workplace & Apprenticeship

This course sequence is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics and probability.



To view the High School Mathematics Requirements for Post-Secondary Entrance: <http://alis.alberta.ca/ec/ep/aas/ta/mathreq.html>  
Please be advised that the majority of university or college entrance requirements need Math 30-2. These courses are highly rigorous and academically focused. A small amount of specialized university programs need students to take Math 30-1.

To view the Parent Information page for the Math Curriculum: <http://education.alberta.ca/teachers/program/math/parents.aspx>

# SCIENCES

## Science 10-20-30

This program sequence provides students with a unified view of the biological, chemical, physical and Earth sciences and an awareness of the connections among them. Science 10 is the prerequisite for all 20 level science courses. Students may take Science 30 with a grade of 50% or higher in any 20 level science course. Science 30 is accepted for entrance into several university and post-secondary programs.

## Science 14-24

This program sequence meets the basic requirements for an Alberta High School Diploma. It is designed primarily for students planning to directly enter the workforce.

## Biology 20-30

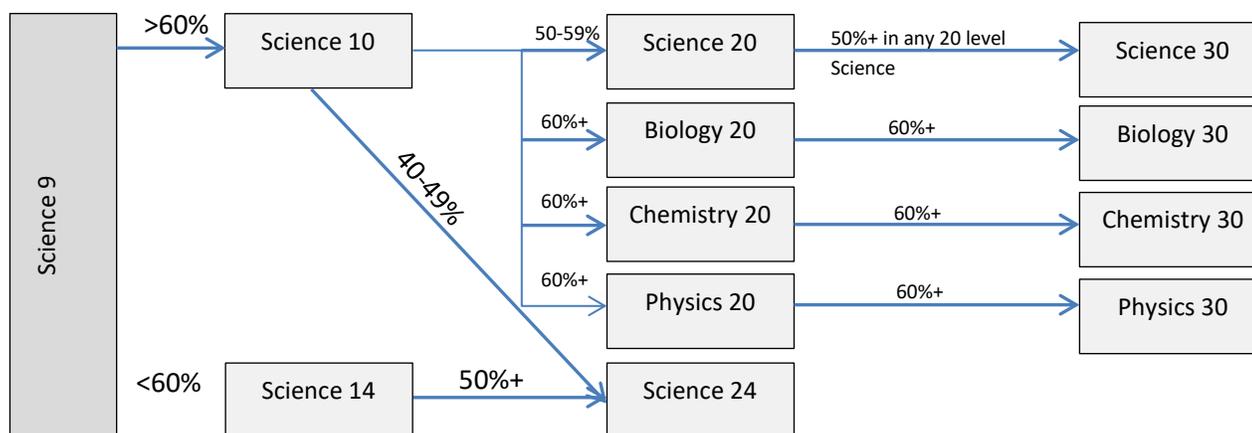
This program sequence begins in Biology 20 with a study of Energy & Matter Exchange in the Biosphere, Ecosystems & Population Change, Photosynthesis & Cellular Respiration and Human Systems. Biology 30 emphasizes adaptation and change and covers Nervous & Endocrine Systems, Reproduction & Development, Cell Division, Genetics & Molecular Biology and Population & Community Dynamics.

## Chemistry 20-30

This program sequence is designed to study matter and its changes. Chemistry 20 students explore the Diversity of Matter and Chemical Bonding, Forms of Matter: Gases, Solutions, Acids & Bases and Quantitative Relationships in Chemical Changes. Chemistry 30 examines Thermochemical Changes, Electrochemical Changes, Chemical Changes of Organic Compounds and Chemical Equilibrium Focusing on Acid-Base Systems.

## Physics 20-30

This program sequence begins in Physics 20 with a study of Kinematics, Dynamics, Periodic Motion and Conservation of Energy. Physics 30 students study Momentum & Impulse, Forces & Fields, Electromagnetic Radiation and Atomic Physics. It is recommended that students should have successfully completed Math 20-1 or Math 20-2 prior to taking Physics 20 or 30.



## Science Complementary Courses

### Forensic Science 25 -35

**Pre-requisite: Science 10**

**Additional Fee Required**

This program sequence begins in Forensics 25 with a study of crime scenes, physical evidence, microscopic trace evidence, body fluid evidence, DNA, document analysis, polygraph testing, and alcohol's involvement in crimes. Forensics 35 students will study fire investigation, forensic accounting, forensics in technology areas, forensic pathology, forensic anthropology, forensic entomology, forensic odontology, forensic psychology and forensic psychiatry.

# PHYSICAL EDUCATION

## Physical Education 10 – 20 – 30

**Physical Education 10 pre-requisite: None**

**Physical Education 20, 30 pre-requisite: Previous Level**

### **Additional Fee required**

In this program sequence students develop knowledge, skills and attitudes necessary to lead active, healthy lifestyles. Students participate in activities from all five dimensions of the PE curriculum: Dance, Games, Flexibility, Activities in an Alternative Environment, and Individual Activities. PE 10 is a compulsory course offered for 3-credits. PE 20 and PE 30 are full semester courses that explore a variety of activities that further develop healthy habits and lifestyles.

## **Sports Complementary Courses**

### **Sports Medicine 10-20-30**

**Sports Medicine 10 pre-requisite: None**

**Sports Medicine 20, 30 pre-requisite: Previous Level**

### **Additional Fee Required**

In this program sequence, students will learn about the various facets of sports injuries, first aid care, training room management and career opportunities related to sports medicine, anatomy and physiology. At the intermediate levels, students continue to study the immediate core, prevention and management of athletic injuries. Areas of study also include taping techniques, anatomy, rehabilitation and the maintenance and administrative skills required to run a training facility. Practicum experiences are required. Sports Medicine at each level is based on a series of 5 one credit courses.

### **Sports Performance 10-20-30**

**Sports Performance 10 pre-requisite: None**

**Sports Performance 20, 30 pre-requisite: Previous Level**

### **Additional Fee Required**

Students in this program of studies develop their physical abilities in all areas of sport. This course combines theory and practical application in the areas of personal health, wellness, and performance. Topics include proper weight training techniques, current training principles, performance enhancement, sports psychology, nutrition, sports studies, sports injuries, philosophy of sport and personal development through participation in sport. Sports Performance at each level is based on a series of 5 one credit courses.

### **Yoga 15-25-35**

**Yoga 15 pre-requisite: None**

**Yoga 25-35 pre-requisite: Previous Level**

### **Additional Fee Required**

Yoga 15 is an introduction to the poses, postures and breathing techniques of Yoga. This course is designed to develop strength, flexibility and relaxation in students. This course is designed for students who are interested in combining disciplined physical training with breath work in order to improve focus, reduce stress and anxiety, increase flexibility, and promote overall wellbeing. As Yoga is a very individualized practice, all students will be encouraged to challenge themselves at their own level. No experience in Yoga is required to take Yoga 15.

## **CAREER & LIFE MANAGEMENT (CALM)**

CALM is a compulsory course every student must take at some point during high school about the practical responsibilities of adulthood. In this course students will learn about and build upon personal strengths. They will discuss issues relevant to their lives that deal with self-awareness, communication, well-being, relating to others, careers and living independently. Learners will be required to complete an Employability Skills Portfolio which will help to assess skills and plan for the future. CALM 20 may also include consumer and investment choices, entrepreneurship, dealing with crises, and human sexuality.

## **SECOND LANGUAGES**

### **French as a Second Language 9 Year Track**

**French 10-20-30**

**French 10 pre-requisite: French 9**

**French 20, 30 pre-requisite: Previous Level**

**Additional Fee Required**

These courses continue developing student communicative abilities in speaking, writing, reading and listening. This is an excellent program for those students wanting to continue learning a second language. Students will learn to express ideas in a variety of practical, every day subjects. In addition to learning pronunciation, vocabulary, and grammar, students will gain an understanding of French culture.

### **German as a Second Language**

**German 10-20-30**

**German 10 pre-requisite: None**

**German 20, 30 pre-requisite: Previous Level**

**Additional Fee Required**

Students do not need German 9 to start learning German 10, 20, 30. This program is an ideal choice for students interested in learning a second language or an additional one. The main emphasis in this program is learning to communicate (in all aspects) in German. German 10 focuses on the basics of the language. Learning basic German is not complicated if learners can already speak English. German 20 allows students to communicate in more depth and context. German 30 expands vocabulary and linguistic skills. At all levels students will gain an understanding of German-speaking cultures.

## **LEADERSHIP 10-20-30**

**Leadership 10 pre-requisite: None**

**Leadership 20, 30 pre-requisite: Previous Level**

**Additional Fee Required**

The mission of Leadership is to foster a sense of responsibility to the Airdrie community. Coordinating with community organizations such as Big Brothers and Big Sisters, the Boys and Girls Club as well as our feeder schools, students are given the opportunity to give back to their school and community while building leadership skills for their future. Leadership is delivered through single (1) credit CTS courses, usually in a five or six credit combination, within a semestered course at each grade level.

# FINE ARTS

## **Art 10-20-30**

**Art 10 pre-requisite: None**

**Art 20-30 pre-requisite: Previous Level**

**Additional Fee Required**

Art education is the process of learning about different types of artistic expression, including different media and formats for artwork and different movements and styles throughout art history. Learning can include practical understanding, such as how to use different tools to create artwork or an understanding of how to appreciate artwork. Many art education classes will usually be split between practical knowledge and theoretical knowledge, teaching both how to create artwork and an appreciation for the work others create. This approach allows students to create their own artwork and view the work of others, both students and master, to better understand artistic expression.

## **Choir 15-25-35**

**Choir 15 pre-requisite: None**

**Choir 25-35 pre-requisite: Previous Level**

**Additional Fee Required**

Choir is a music course It is a performance-based class; attendance at all concerts, festivals and trips is **mandatory**. Choir is open to any student in grades 10-12 who has a love of singing and/or wish to improve singing within an ensemble. Having some previous experience with singing is an asset but not a necessity. Students are exposed to a wide range of musical styles, from renaissance and classical to gospel, pop and jazz. Choir may run outside of the regular timetable as a "J" block, 7:35 – 8:55 am, 2 to 3 days per week.

## **Drama 10-20-30**

**Drama 10 pre-requisite: None**

**Drama 20-30 pre-requisite: Previous Level**

**Additional Fee Required**

Students will develop dramatic skills acquired in previous years through assuming roles, exploration of dramatic situation and reflection on the outcome. Students will learn theatre studies, technical theatre, speech, movement, improvisation and acting. Emphasis is placed on the development of the student as a creator, performer, historian, critic and patron. Teamwork is essential as students participate in non-competitive, cooperative, supportive, joyful, yet challenging dramatic study. Public performances, as they occur, are **MANDATORY**.

## **Instrumental Jazz 15-25-35 (Jazz Band)**

**Pre-requisite: Music 9 or permission of Director**

**Co-requisite: Instrumental Music 10, 20, 30**

**Additional Fee Required**

Various elements of the jazz repertoire are explored within the context of a performance based stage band. Students will learn a variety of jazz styles and solo improvisation strategies. This is a complementary course and students must be registered in instrumental Music 10-20-30 to be eligible to enroll in this course. Class times are outside of the regular timetable in the J-Block, 7:35 to 8:55 am, 2 to 3 days per week.

## **Guitar 10-20-30 (General Music)**

**Guitar 10 pre-requisite: none**

**Guitar 20, 30 pre-requisite: Previous Level**

**Co-requisite: Instrumental Music 10, 20, 30**

**Additional Fee Required**

This series of 5-credit courses aligns with curriculum outcomes listed in Alberta Education's Program of Study 'General Music 10-20-30'. The course runs inside the timetable and no previous musical experience is required. Students will develop and broaden theoretical understandings in relation to the guitar and learn to read both traditional and tablature notation. Students will also focus on developing technical skills on classical guitars, and will complete a variety of activities, performance projects, playing tests and written assignments. The class may also participate in public performances outside of the timetable.

## **Instrumental Music 10-20-30 (Performance Band)**

**Instrumental Music 10 pre-requisite: Music 9 or permission of Director**

**Instrumental Music 20, 30 pre-requisite: Previous Level**

**Additional Fee Required**

Students learn a variety of music styles, genres and facets in a wind instrument/percussion setting that promotes full band, ensemble and solo work. Techniques learned include sight-reading, listening, ear training, composition and evaluative performance. Skills learned in previous wind instrumental/percussion courses will be further developed. Class times are inside of the regular timetable. Performances and concerts that take place outside of the regular school day, in the evenings and/or on weekends, are a **MANDATORY** part of this course. Students registering must be prepared to meet this obligation.

## **Technical Theatre 25-35**

**Technical Theatre 25 pre-requisite: Drama 10 or Director Approval**

**Technical Theatre 35 pre-requisite: Previous Level**

**Additional Fee Required**

Technical theatre provides students the opportunity to study technical aspects of a theatre production. This area of study gives the students practical experience in the "behind the scenes" work of a complete production. Students who are selected for Technical Theatre will be working in a stage management position. All work is tied directly to the main stage and touring theatre productions. This course runs outside the regular timetable. **Registration is not automatic: an interview process is required.**

## **Performing Arts 15-25-35**

**Performing Arts 15 pre-requisite: Drama 10 or Director Approval**

**Performing Arts 25, 35 pre-requisite: Previous Level**

**Additional Fee Required**

Performing Arts offers students the opportunity to study theatre as a production based course. Students will focus their learning through exploring and experiencing skills necessary to release a theatrical and public performance. Public performance is mandatory for this course. This course works outside of the regular timetable. **Registration is not automatic: an audition process is required.**

# FINE ARTS CERTIFICATE IN PERFORMING OR VISUAL ARTS

Bert Church High School has a thriving fine arts program. Students who are interested in doing so may attain a Fine Arts Certificate in Performing or Visual Arts from BCHS. The requirement for this is...

**10 credits per year** in any combination of the following visual or performing arts

Drama Dance Band Choral Art Media Arts

...for a total of 30 credits. Of the accumulated 30 credits, **10 credits must be at the 30 level.**

In addition to the 30 accumulated credits, in order to attain the Fine Arts Certificate the student must complete the course, '**Professional Development in the Arts 35**' (see below) for three (3) credits in Semester II of Grade 12.

**Students wishing to attain this certificate must declare their intent when they complete their registration for grade 12 in the spring of grade 11. Students must also apply for the certificate by January of their grade 12 year.**

## Professional Development in the Arts 35

### Additional Costs will be applied

This course is intended for grade 12 Fine Arts students who wish to extend and demonstrate their understanding and growth as artists. It is a prerequisite for those students wishing to receive a Bert Church Fine Arts Certificate in Performing or Visual Arts at the end of their grade 12 year. In order to be eligible for the Fine Arts Certificate, students must have a minimum of 30 credits in Performing or Visual Arts' courses by the end of his/her grade 12 year. The course allows students to purposefully reflect upon learning experiences in the Fine Arts as well as explore the process involved in pursuing a career related to the Arts. Creation of a portfolio and exit presentation will be a component of the final assessment of the course.

## CAREER AND TECHNOLOGY STUDIES (CTS) COURSES

### AV Production 10-20-30

**AV Production 10 pre-requisite: None**

**AV Production 20-30 pre-requisite: Previous Level**

#### Additional Fee Required

Lights, camera, action! Have you ever wondered how to get a start in the film industry? Or how to make animations and interactive presentations; or simply make videos for YouTube? AV production is a project based course where students will learn how to shoot, edit and produce films, animations, special effects and other interactive visual media. This is a workshop environment and relies on creative partnerships (group projects) that will work to produce some amazing movie shorts. So give your creative side a challenge and start on the path to your first Oscar!

### Construction Technologies 10-20-30

**Construction Technologies 10 pre-requisite: None**

**Construction Technologies 20-30 pre-requisite: Previous Level**

#### Additional Fee and Safety Equipment Required

The Construction Technologies area offers the widest course selection of any CTS area and concentrates on hands on, work related experiences. Courses may be selected from the following: Career Transitions and Construction Technologies. Throughout this program, safety, quality of work and productive work are emphasized. Students will develop skills in communication, managing information, the use of numbers, solving problems, safe work practices, and team work skills while developing positive attitudes and behaviours. Students will demonstrate responsibility, adaptability, and continuous learning. The equipment, techniques, materials and processes are, as far as possible, the current ones found in industry. As per industry standard, all students must wear proper eye protection while in the shop areas. Students can select available courses from any level they are eligible for in any Introductory, Intermediate or Advanced level course. Intermediate and Advanced courses require pre-requisites.

## **Cosmetology 10-20-30**

**Cosmetology 10 pre-requisite: None**

**Cosmetology 20-30 pre-requisite: Previous Level**

**Additional Fee Required**

The Cosmetology program is designed for students who are interested in pursuing a career in hair, esthetics, makeup artistry OR for students who are just interested in learning how to make themselves look and feel better. The program sequence will take students from shampooing and styling hair to learning how to give a facial and performing a manicure. At the intermediate and senior level, students will learn a variety of hair coloring practices and professional makeup techniques, as well as haircutting, creating famous looks from history and unique and modern creations of their own.

## **Culinary Arts 10-20-30**

**Culinary Arts 10 pre-requisite: A love and appreciation for food**

**Culinary Arts 20 /30 pre-requisite: Previous Level**

**Additional Fee Required**

**Culinary Arts 20/30 is a split class working on separate modules**

This is the commercial strand to the Foods Program at Bert Church. Students work in a fast paced commercial kitchen that provides real life experience as the food we create is served for lunch in the cafeteria. Students taking this course will learn the fundamentals of cooking as well as the expectations of certified Red Seal chefs. Students taking this program are expected to work lunch on a rotational basis, and designated Focus periods, as part of the program. If you see a career as chef, then this course is for you.

## **Food Studies 10-20-30**

**Food Studies 10 pre-requisite: None**

**Food Studies 20-30 pre-requisites: FOD1010 Food Basics (1 credit module)**

**Additional Fee Required**

This program sequence expands student knowledge and understanding of the nature of food and nutrition through personal and home-style cooking. From the Introductory, through Intermediate and Advanced, all levels of the program work to develop the skills, techniques and knowledge needed to prepare and present food for self and others. This Career and Technology Studies course explores ideas and techniques to create a relationship with food.

## **Information Technology (IT) Essentials**

**Additional Fee Required**

IT Essentials has been developed as part of the Focus on Information Technology (FIT) program offered through the Information and Communications Technology Council of Canada (ICTC). In this class, students will learn about the internal components of a computer, how to assemble a computer system, how to install an operating system and how to troubleshoot using system tools and diagnostic software. IT Essentials meets industry approved standards using CISCO provided learning materials.

## **Mechanics 10-20-30**

**Mechanics 10 pre-requisite: None**

**Mechanics 20-30 pre-requisite: Previous level**

**Additional Fee Required**

Students don't need to become a mechanic to learn about their own vehicle. This course is for those who want to learn about cars, how they work, and what to do when they don't. Mechanics is designed to be challenging enough for those considering a career in mechanics and engaging for those who just want some knowledge on how to purchase and maintain their car. We cover many topics ranging from installing stereos to rebuilding engines.

## **Mechanics – Cam Clark Ford/Airdrie Learning Centre**

### **Additional Fee Required**

See page 24 for information.

## **Philosophy 20-30**

See page 10 (Social Sciences Complementary Courses) for course information.

## **Photography 10-20-30**

**Photography 10 pre-requisite: None**

**Photography 20-30 pre-requisite: Previous Level Credits**

### **Additional Fee Required**

This program teaches students the fundamental skills of DSLR photography, composition, photo editing, digital darkroom skills and compositing. We explore photography through a variety of fun and challenging projects. However, photography is just one facet of this program. Students will also learn the design process and will work on graphic design projects that require critical thinking skills, creativity and the ability to effectively communicate in a variety of mediums. Students will learn how to use industry standard Adobe software and will create print projects for many different purposes. Each year we build upon the skills sets from the year before and by the time students are finished the courses, they will have a strong portfolio for either the workplace or post-secondary.

## **Special Projects**

**Pre-requisite: Maintenance of an average of 70% in all subjects and acceptable attendance as outlined in the Bert Church Attendance Policy.**

All students will meet with the teacher supervisor for an interview prior to being accepted into this course.

Special Projects is intended for students to pursue activities in which they have considerable interest or ability but are not within the scope of the regular curriculum or programs already being offered at Bert Church. Students are required to submit a clearly planned proposal to the Principal for approval and must include: a description or outline of the project; the evaluation procedures as outlined by the teacher overseeing Special Projects; expected completion date, and the number of hours of work expected to complete the project (75 hours = 3 credits: 125 hours = 5 credits). This will be scheduled as a "J" Block course and **is not intended to replace a course within the regular expected course load.**

## **STEM 10: Computing and Design**

**STEM 10 pre-requisite: None**

### **Additional Fee Required**

This course will introduce students to engineering design, drafting and computer programming. Throughout the course students will complete a series of design challenges utilizing Computer Aided Design (CAD) technologies and programming. This course is a great introduction to careers in STEM and is an excellent complementary course for students interested in science, engineering, and technology!

## **Western World History/World Religion 30**

See page 10 (Social Sciences Complementary Courses) for course information.

## WECONNECT

WeConnect is the opportunity for students to work independently on an on-line course. This program is designed for students who want to take a course that is not offered at the school, a student who has a timetable conflict, or any other extenuating circumstances. In order to be successful in WeConnect, students must be able to work independently on course material. Students will develop skills in responsibility, adaptability, and decision-making.

## OFF CAMPUS EDUCATION

Off Campus Education includes Work Experience, RAP (Registered Apprenticeship Program) and Green Certificate. These courses provide learning experiences outside the scope of the curriculum. Off-Campus Education is an opportunity for student to explore and expand their skills, knowledge and career interests. Students focus on building employability skills to assist them as they transition from high school into the world of work. Please visit the Work Experience Coordinator (Rm 1001) for more information.

### **HCS3000 – Workplace Safety Systems**

This 1-credit CTS course is a pre-requisite for both Work Experience and RAP. Students gain the knowledge, skills and attitudes related to workplace health and safety and examine relevant legislation required in the workplace.

### **HCS3010 – Workplace Safety Practices**

This 1-credit CTS course is a co-requisite for RAP students. Students explore workplace safety principles and practices, and apply these principles and practices to a variety of contexts.

### **Work Experience 15-25-35**

The Work Experience Program is designed to provide students with an opportunity to explore careers while practicing and developing skills in a real working environment. Work Experience students earn between five (5) and fifteen (15) credits depending on the number of eligible hours they work. **Work experience is not intended to replace a course within the regular expected course load.** Of Special note: Work Experience is an excellent way to boost your Grade Point Average to be eligible for the Alexander Rutherford Scholarship.

### **Registered Apprenticeship Program (RAP) 15-25-35**

The Registered Apprenticeship Program (RAP) is a way for registered high school students to become apprentices, and earn credits toward an apprenticeship program and a high school diploma at the same time. Students complete one Work Experience course before registering for RAP. Students enrolled in the RAP program can earn anywhere from five (5) to twenty (20) credits.

## GREEN CERTIFICATE

A unique relationship between Alberta Agriculture and Food, and Alberta Education allows for the Green Certificate Program to successfully provide farm training to students. There are 8 specializations within Agriculture Production for students to choose from. Students interested in these courses need to discuss their intention with the Off-Campus Education Coordinator in the Career Centre (Rm 1001). A deposit of \$300 is required to take the program, refundable upon completion of the certificate.

## KNOWLEDGE & EMPLOYABILITY (K&E) COURSES

Knowledge and Employability courses are available to students in grades 10 through 12 who meet specific criteria. Completion of these courses will result in the student achieving their Certificate of High School Completion. See page 8 for details of the requirements. These courses are intended to provide students with opportunities to experience success and become well prepared for employment, further studies, active citizenship and life-long learning. Knowledge and Employability courses include and promote: a) workplace standards for academic, occupational, and employability skills, b) practical applications through on- and off-campus experiences and/or community partnerships, c) career development skills to explore careers, assess career skills and develop a career-focused portfolio, d) and interpersonal skills to ensure respect, support and cooperation with others at home, in the community and at the workplace.

Knowledge and Employability courses are designed to provide entry-level employment skills. Some students may transition successfully from Knowledge and Employability courses to other courses to achieve a high school diploma, or to post-secondary opportunities (e.g. some colleges, some apprenticeship programs). Reviewing each student's learning plan on an annual basis will assist in adjusting their goals and courses as needed. Please see the School Counselling Department for more information about Knowledge and Employability courses.

## CERTIFICATE OF SCHOOL COMPLETION

The Certificate of School Completion in special education can be awarded to a student with significant cognitive disabilities who meets the qualification criteria listed below. Students must be nominated by the Principal of the school.

- By the end of the current school year, the nominee has been a student for at least twelve years (and is 17 years of age by March 1 of the current year).
- The school year in which the nomination is being submitted is the student's last year of school programming.
- This student has a significant cognitive delay, has participated in special education programming and has been identified with one of the following special education codes at the time of school completion: 41, 42, 43, 44, 45, 46, 51, 52, 53, 55, 56, 58, 59
- The student has worked toward goals and objectives in an individualized program plan consistent with the requirements of Alberta Education
- This student does not have credits in any of the following High School courses: English, Math Science, Social

Due to significant cognitive disabilities, this student is not able to achieve any of the following certificates or diplomas, and has not completed any courses toward achieving any of them:

- Alberta High School Diploma
- Diplome d'études secondaires de L'Alberta
- High School Equivalency Diploma
- Diplome d'équivalence d'études secondaires
- Certificate of High School Achievement (K&E)
- Certificat de Réussite d'études secondaires (Connaissances et employabilité)

The school verifies that credits achieved by this student have not been applied to a Diploma or Certificate of High School Achievement (K&E).

## LEARNING SUPPORT

Learning Support is designed to support the diverse learning needs of Grade 9 to 12 students. Students requiring support are taught skills and strategies to better understand their individual learning needs. For students with an Alberta Special Education code, an Individual Program Plan (IPP) that outlines specific goals and objectives is implemented and reviewed yearly. Additional support is provided through accommodations such as Text to Speech (reading support), scribes or access to a computer, a separate test setting and/or extended time for all tests and examinations.

## **SHARED PROGRAM CHOICES at W.H. Croxford and/or George McDougall**

In order to support all of the high school students of Airdrie, the three high schools offer students access to programs and courses unique to each school. In this way, schools can maximize the learning opportunities for students while ensuring quality programming and excellent instruction. Students register in their home schools and can apply to take courses on different campuses to meet their diverse learning interests. Please note: Due to transportation scheduling, the students that take one course have to add another and stay at the other school for a half day.

### **Building Futures (All year program)**

Building Futures is a program that allows student to do their grade 10 year outside of the traditional classroom as they build two houses with local builder McKee Homes. Students do their core and option course on the job site in a project based learning environment that thrives on collaboration and cross-curricular work, while developing independent learning and self-advocacy. (Maximum of 10 students from BCHS are accepted into this program. Students will not be at Bert Church for the year.

### **Fashion Studies (Course at George McDougall)**

**Fashion Studies 10 – 20 – 30**

**Fashion Studies 10 pre-requisite: None**

**Fashion Studies 20, 30 pre-requisite: Previous Level**

**Additional Fee Required**

The Fashion program is designed to engage students in creative skills that are practical and useful in their independent lives. Students create clothing and other textile products as well as study history, culture, and the industry of fashion. Students will learn garment construction skills, characteristics fabrics and their care, and a variety of fabric manipulation techniques. Choices in course selection are based on individual areas of interest in sewing and fashion. Recent equipment and technology upgrades have injected current and cutting edge sewing techniques into the classroom. Students are required to purchase all supplies and materials for all their projects.

### **Japanese (Course at George McDougall)**

**Japanese 10 -20 -30**

**Japanese 10 pre-requisite: none**

**Japanese 20, 30 pre-requisite: Previous Level**

**Additional Fee Required**

Many students enroll in the Japanese program for the love of learning about the Japanese language and culture. This study contributes significantly to several aspects of personal development. To learn Japanese as an additional language is to embark on a profound experience of cross-cultural exploration. The ability to speak Japanese gives students a competitive edge in today's global marketplace and workplace. (*Japanese Language and Culture Program of Studies*). Even though there is no prerequisite course of Japanese 10, students are reminded that studying a second language can be a challenging academic endeavour, and can be a useful academic decision for post-secondary entrance. Japanese will be used in the classroom to match the student's linguistic *competence*.

### **Mechanics – Cam Clark Ford/Airdrie Learning Centre**

**Additional Fee Required**

This program is located at the Cam Clark Ford dealership. Shuttle bus service is provided to students. Students are required to take the shuttle unless prior arrangements are made with school Administration. This is a partnership program that is supported by the dealership directly and Ford of Canada indirectly. We offer students the opportunity to work with up-to-date equipment and late model vehicles in a 'working' situation. Students can also work on their own vehicle as it applies to their abilities and course work. Prior mechanical experience is not required, but students need to have a positive work ethic and a willingness to learn. This is a half day program.

## BCHS 2017-2018 GRADE 10-12 HIGH SCHOOL COURSE OFFERINGS

10 LEVEL	credits	20 LEVEL	credits	30 Level	credits	ADVANCED/OTHER	credits
English 10-1	5	English 20-1	5	English 30-1	5	Creative Writing 15-25-35	5(ea. Level)
English 10-2	5	English 20-2	5	English 30-2	5		
English 10-4	5	English 20-4	5	English 30-4	5		
Math 10 C	5	Math 20-1	5	Math 30-1	5	Math 31 (Calculus)	5
		Math 20-2	5	Math 30-2	5		
Math 10-3	5	Math 20-3	5	Math 30-3	5		
Math 10-4	5	Math 20-4	5				
Science 10	5	Biology 20	5	Biology 30	5	Forensic Science 25 Forensic Science 35	6
		Chemistry 20	5	Chemistry 30	5		6
		Physics 20	5	Physics 30	5		
		Science 20	5	Science 30	5		
Science 14	5	Science 24	5				
Science 10-4	5	Science 20-4	5				
Social 10-1	5	Social 20-1	5	Social 30-1	5	Philosophy 20/30	6
Social 10-2	5	Social 20-2	5	Social 30-2	5		
Social 10-4	5	Social 20-4	5			Western World History /World Religions 30	6
Phys Ed 10	3	Phys Ed 20	5	Phys Ed 30	5		
CALM	3						
Art 10	5	Art 20	5	Art 30	5		
AV Production 10	5	AV Production 20	5	AV Production 30	5		
Choir 15	5	Choir 25	5	Choir 35	5		
Const Tech 10	5	Const Tech 20	5	Const Tech 30	5		
Cosmetology 10	5	Cosmetology 20	5	Cosmetology 30	5		
Culinary Art 10	8	Culinary Art 20	8	Culinary Art 30	6		
Drama 10	5	Drama 20	5	Drama 30	5	Performing Arts 15-25-35 (audition)	5 (ea. level)
						Tech Theatre 25-35 (recommendation)	5 (ea. level)
						Prof. Dev. in the Arts 35	3
Foods 10	5	Foods 20	5	Foods 30	5		
French 10	5	French 20	5	French 30	5		
Instrumental Jazz 15 (Jazz Band)	5	Instrumental Jazz 25 (Jazz Band)	5	Instrumental Jazz 35 (Jazz Band)	5		
German 10	5	German 20	5	German 30	5		
Guitar 10 (Gen.Music)	5	Guitar 20 (Gen.Music)	5	Guitar 30 (Gen.Music)	5		
Instrumental Music 10	5	Instrumental Music 20	5	Instrumental Music 30	5		
IT Essentials	5						
Leadership 10	5	Leadership 20	5	Leadership 30	5		
Mechanics 10	5	Mechanics 20	5	Mechanics 30	5		
Photography 10	5	Photography 20	5	Photography 30	5		
Sports Med 10	5	Sports Med 20	5	Sports Med 30	5		
Sports Perf 10	5	Sports Perf 30	5	Sports Perf 30	5		
STEM 10	5						
Work Experience 15	10	Work Experience 25	10	Work Experience 35	10	Registered App Program (RAP)	varies
Yoga 15	5	Yoga 25	5	Yoga 35	5		
<b>The complementary courses below are offered at other school sites.</b>							
Building Futures	56						
Fashion St 10	5	Fashion St 20	5	Fashion St 30	5		
Japanese 10	5	Japanese 20	5	Japanese 30	5		
Mech CCFord 10	10	Mech CCFord 20/30	10				
<b>All complementary courses must have sufficient enrollment to be included in the timetable.</b>							
<b>Special Projects 15-25-35 can be applied for through the respective grade counsellor.</b>							