

STURGEON COMPOSITE HIGH SCHOOL

<i>STURGEON SCHOOL DIVISION #24</i>	<i>PHONE: 780-973-3301</i>	<i>BOX 100</i>
<i>email: schs@sturgeon.ab.ca</i>	<i>FAX: 780-973-3230</i>	<i>NAMAO, AB T0A 2N0</i>
<i>website: http://www.sturgeoncomp.ca</i>		<i>(1 Km East of Highway 28 on Highway 37)</i>

“KINDLE THE SPIRIT ”



COURSE SELECTION GUIDE

2011-12

“Together We Can Influence Tomorrow”



This Course Selection Guide, a product of teachers and administrators, attempts to present for students and parents alike the complete program offered at Sturgeon Composite High School. Subject teachers, counselors and administrators are ready at any time to supply further information or to answer questions to assist in program and course selection.

TABLE OF CONTENTS:

Code of Student Conduct and Behavior.....	3-4
Introduction	4
Selecting a Program	4
Credits.....	4
Promotion.....	5
Admission Requirements Policy for Grade 10 Level Core Subjects	6
Retroactive Credits	6
High School Diploma Requirements	6-7
Courses Offered at SCHS.....	8-9
Scholarships	9
Supply List	9

COURSE DESCRIPTIONS

CALM.....	9-10
English.....	10-12
Fine Arts	
Art & Ceramics	13
Drama.....	13
Music	13-16
Mathematics	16-20
Physical Education	21-22
Science	22-24
Second Languages.....	24-25
Social Studies	26-28

CTS COURSE DESCRIPTIONS

Career Transitions (Yearbook)	28
Communication Technology	29
Construction Technology	29-30
Cosmetology	30
Design Studies.....	31
Fabrication Studies.....	31
Fashion Studies	32
Foods & Foods-Culinary Arts.....	32-33
Information Processing.....	33
Legal Studies	34
Management, Marketing and Finance.....	34
Mechanics	34-35
Tourism and Transportation.....	35
Medical Studies.....	35-36

OTHER COURSES

Registered Apprenticeship Program (R.A.P.).....	36
Work Experience	37
Knowledge & Employability Program	37
Challenge Program	37
Program Planning	38
Alberta High School Diploma Graduation Requirement	39-40

CODE OF STUDENT CONDUCT AND BEHAVIOUR

ALCOHOL

The use or possession of alcohol while under the school's jurisdiction may result in one or more of the following: transfer of the student to the custody of parents, suspension from school, expulsion from school, or involvement of the RCMP.

BEHAVIOUR

A student shall conduct himself so as to reasonably comply with the following code of conduct:

- (a) be diligent in pursuing his studies
- (b) attend school regularly and punctually
- (c) cooperate fully with everyone authorized by the board to provide educational programs and other services
- (d) comply with the rules of the school
- (e) account to his teachers of his conduct; and
- (f) respect the rights of others
- (g) keep lockers, school building and grounds, clean and neat
- (h) adhere to school dress code

Consequences for failure to meet the requirements of the code of student behavior and conduct may result in disciplinary action that may include suspensions and recommendations for expulsion from the school and/or district.

CELL PHONES & ELECTRONIC DEVICES

Cell phones, SMARTPHONES, MP3 PLAYERS, IPODS, AND SIMILAR ELECTRONIC DEVICES are PERMITTED IN THE FOLLOWING AREAS:

- Students will be allowed cell phones in the cafeteria or outside at any time.
- NO cell phone use allowed in the Library at any time.
- Cell phone use will be permitted in the hallways between classes (at breaks).
- Cell phone use in the classroom will be up to the individual teacher's discretion. Some teachers allow students to use features on their phones to assist them in class. When this is not the case, it is advised that students should turn off their phones and place them on the top of their desks where they are visible.

DRESS CODE

In keeping with the philosophy of Alberta Education, we at SCHS strive to help our students become productive citizens who are ready to enter the work force or are ready to pursue post-secondary education. As a result, students are expected to conduct themselves in a manner that demonstrates respect and to dress appropriately for a school/work place setting.

- Footwear must be worn at all times in the school.
- Students must not wear clothing or accessories that have sharp points or edges.
- Students must not wear clothing or accessories that are offensive or depict illegal or immoral behavior.
- Students must wear clothing that covers their chest, back and midriff (no spaghetti straps or strapless/off the shoulder shirts).
- Shorts and skirts must be a reasonable length.
- Make-up must be appropriate for the work place.

ILLEGAL SUBSTANCES

It is the belief of SCHS that a drug culture is counter productive to the major purposes of an educational institution. Therefore, students found in possession of illegal substances will be brought to the School Division's Discipline Committee with a recommendation of expulsion for a minimum of one semester. In addition, the student may be required to provide proof of external drug counseling before returning to SCHS. In the event a student becomes a repeat offender, the student shall be permanently expelled from SCHS, if the school personnel deem it appropriate.

PARKING

Students are welcome to park in the student parking lot only. Inappropriate student driving or parking behavior or littering from vehicles, may result in suspension of parking privileges. For fire safety and bus safety reasons, there is to be NO student parking or driving in the front bus parking lane area. From time to time students may choose to participate in activities which are counter productive to the needs of the school and student safety. Students, who use their vehicles to transfer other students to off school sites for the purpose of engaging in or witnessing fighting, conflicts, confrontations or operate their vehicles in an unsafe manner, will lose the privilege of parking their vehicles on school property and may also be suspended. There may also be the need to involve the RCMP. Only authorized vehicles are allowed in the vocational compound. Visitor parking space is available in the student parking lot and all visitors are required to check in at the office.

SAFETY/FROSHING/HARASSMENT

For students to perform at their optimum level, they have to feel safe. Acts of physical violence, intimidation and harassment remove the ability of students to feel safe. Both the **School's policy** and the **School Division's policy on "Harassment"** recognize the severity of these types of infractions. If a student froshes another student which, (1) insults the student, (2) assaults the student, (3) decreases a positive school climate and/or (4) results in damage to school, public or private property, then that person may be charged by the R.C.M.P. with "willful damage" or "mischief" and/or be suspended. **Repeat or flagrant offenses may result in expulsion.**

SMOKING

Sturgeon Composite is a Smoke Free facility. *Smoking (including smokeless tobacco) is prohibited on Sturgeon School Division property and students who do not comply with policy may serve an out-of-school suspension and be charged.*

WEAPONS

Any student found in possession of a weapon, whether on their person, in their vehicle, or in their locker or desk, may be suspended and/or recommended for expulsion. **Note: A weapon is anything used, designed to be used, or intended for use in causing injury or death to any person, or for the purpose of threatening or intimidating any person.**

BEFORE YOU ENTER HIGH SCHOOL

Take some time to plan your high school program and think about your future goals. You will face many choices as you select your high school courses. If you select your courses carefully, you will graduate prepared for a variety of opportunities; selecting courses haphazardly will limit your choices after graduation and place your future goals out of reach. Many factors will influence your decisions, including:

- Your abilities
- Your interests
- Your values
- Your goals for the future
- The diploma requirements
- Advice from others

THROUGHOUT HIGH SCHOOL

In high school, you will discover more about yourself -- what you are good at and what you enjoy. These discoveries may cause you to change your goals and re-evaluate your selection of courses. It is important to set goals and work toward them, but also to be realistic and adaptable.

SELECTING A PROGRAM

As you prepare to make program and course selections for next year it's a good idea to review some important vocabulary and organizational aspects of life at Sturgeon Composite. You need to consider your marks coming into high school and note that there are "prerequisite" averages. This means that your grade nine mark must be at or above the "prerequisite".

CREDITS

Each high school course is assigned a certain number of credits. Generally the number of credits depends on the number of minutes of instruction time devoted to that course.

Sturgeon Composite High School offers courses in the semester system. Semester one courses start at the beginning of the school year and finish at the end of January. Semester two starts in February and finishes in June. In this system, the school schedules a 5-credit course daily and a 3-credit course every second day for one semester.

- i.e. A (5) credit course receives 400 minutes of instruction time per week for one semester.
A (3) credit course receives 200 minutes of instruction time per week for one semester.
A (1) credit course receives 25 hours of instruction.

Students obtain credits with a mark of 50% or above. A full year's program will consist of 40-42 credits. In grade 10 it is mandatory that a student take a full credit load.

Minimum credit loads:

Grade 10

40-42 credits
(**NO** study periods)

Grade 11

must have earned 35 credits
AND registered in 35 credits

Grade 12

must have earned 70 credits
AND registered in 30 credits (min of 15 each semester)

COURSES

Of the 100 credits you need to earn a diploma, 56 will be earned through courses in subjects you are required to take. These **core** subjects are: English, social studies, mathematics, science, physical education, and career and life management. You will be able to choose the courses you need to earn the remaining 44 credits. Although you have considerable freedom in choosing courses in **complementary** subjects, it is important to make these choices carefully so that you gain skills that will be useful when you graduate.

If you are planning to attend a post-secondary institution, you will discover that most require more core courses than are required for a high school diploma. You will have to select these core courses as complementary choices.

Each high school core course is given a number:

- Courses numbered 10-19 or 1000-1999 are courses usually taken in grade 10
- Courses numbered 20-29 or 2000-2999 are usually taken in grade 11 but **prerequisite courses must be completed first**
- Courses numbered 30-39 or 3000-3999 are usually taken in grade 12 but **prerequisite courses must be completed first**

It is usually necessary to complete a lower-level course before registering in the course at the next level. Completion of a course means a mark of 50% or higher. For example, students need to complete English 10-2 before taking English 20-2. English 10-2 is the **prerequisite** for English 20-2. Select your courses by determining which courses you intend to graduate with and working back to their prerequisites. For example, if you want to graduate with English 30-1, you will probably take English 20-1 in grade 11 and English 10-1 in grade 10.

You do not need to select all your courses from the same series. For example, you may choose English 10-1, Mathematics 10-3 and Social Studies 10-2. You may also transfer from one series to another. At some point in high school, you may find that a course you want to take is full. You may have to postpone taking that course until another semester.

In some courses, you are required to write **Diploma Examinations**. Your final marks in these courses are the average of the mark your teacher gives you and your results on the diploma examination. Diploma examinations are written in English 30-1 and 30-2, Social Studies 30-1 and 30-2, Pure Math 30, Applied Mathematics 30, Biology 30, Physics 30, Chemistry 30 and Science 30.

PROMOTION

Promotion in high school is by course and subject. A minimum mark of 50% is required to receive credits in grade 10, 11 and 12 courses. A student must earn a mark of 50% in a course before proceeding to the next level of that course. A grade 10 student is one who has not yet earned at least 35 credits. A grade 11 student is one who has earned at least 35 credits but less than 70. A grade 12 student is one who has earned over 70 credits.

In planning your schedule it is important to know what grade 12 subjects you will want to take so that you can take the right prerequisites in grade 10 and 11.

Students are advised to pass their grade 10 courses in the grade 10 year so that they have the necessary prerequisites for subsequent courses.

ADMISSION REQUIREMENTS POLICY FOR GRADE 10 LEVEL CORE SUBJECTS

Students must have achieved the following academic standards in grade 9 to be eligible for registration in the courses listed below:

<u>COURSE</u>	<u>MINIMUM ACHIEVEMENT</u>
<i>English 10-1 AP</i>	<i>75% in Language Arts 9</i>
<i>English 10-1</i>	<i>65% in Language Arts 9 or English 10-2</i>
<i>Social Studies 10-1 AP</i>	<i>75% in Social Studies 9</i>
<i>Social Studies 10-1</i>	<i>65% in Social Studies 9 or 10-2</i>
<i>Mathematics 10C</i>	<i>80% in Mathematics 9</i>
<i>Mathematics 10C</i>	<i>50% in Mathematics 9 or 60% in Math 10-3</i>
<i>Science 10</i>	<i>65% in Science 9 or 14</i>
<i>Physical Education 10 (5 Credit)</i>	<i>65% in Physical Education 9</i>

Student program registrations will be granted a conditional status during the spring registration, based on the verification of mid year report cards. Registrations will be reviewed when final marks are available.

Students registering in grade 10 at Sturgeon Composite High School must provide a report card or transcript from their junior high school which verifies levels of achievement in Language Arts 9, Mathematics 9, Science 9, and Social Studies 9. In most cases, the junior high school will forward your result statement to SCHS at the end of June.

Placement in programs included in this policy, may be appealed to the principal of Sturgeon Composite High School by the parent or guardian prior to August 30 for the first semester or January 30 for the second semester. Parents must then sign a form stating that they have made this appeal. Any special conditions or requests will be reviewed in a meeting of the parent or guardian and Sturgeon Composite High School administration at the earliest convenience for both parties.

RETROACTIVE CREDITS

Students who achieve a final standing of between 40-49% in Social Studies 10-1, English 10-1, Math 10C or Science 10 may elect to continue in the alternative course sequence. (i.e. Social Studies 20-2, English 20-2, Math 20-3 or Science 24). Students who successfully complete the next higher level, in an alternative course sequence, will be granted credit in the prerequisite course in that sequence automatically by Alberta Education, once the passing grade has been submitted to the Student Evaluations and Records Branch.

REGISTERED COURSE FAILED

Social Studies 10-1
English 10-1
Science 10
Mathematics 20-1
Social Studies 20-1
English 20-1
Mathematics 10C
Social Studies 10-2
English 10-2
Mathematics 10-3
Science 14

ALTERNATE COURSE PASSED

Social Studies 20-2
English 20-2
Science 24
Mathematics 30-2
Social Studies 30-2
English 30-2
Mathematics 20-3
Social Studies 20-4
English 20-4
Mathematics 20-4
Science 20-4

CREDIT GRANTED FOR

Social Studies 10-2
English 10-2
Science 14
Mathematics 20-2
Social Studies 20-2
English 20-2
Mathematics 10-3
Social Studies 10-4
English 10-4
Mathematics 10-4
Science 10-4

REQUIREMENTS FOR THE ALBERTA HIGH SCHOOL DIPLOMA

A High School Diploma is an official document issued by Alberta Education in the Province of Alberta certifying that the holder has completed a prescribed program of high school instruction. High School Diploma requirements are as follows:

NOTE: The High School Diploma does not necessarily grant admission to post-secondary educational institutions. You

should be aware that there are a variety of entrance requirements for post-secondary institutions and you should plan your programs accordingly.

To qualify for the Alberta High School Diploma, students are required to obtain a minimum of 100 credits as indicated below:

<u>PROGRAMS</u>	<u>MINIMUM CREDITS</u>	<u>ELIGIBLE COURSES</u>
<i>Language Arts</i>	<i>15</i>	<i>English 30-1 or 30-2 and the prerequisites</i>
<i>Social Studies</i>	<i>15</i>	<i>Social Studies 30-1 or 30-2 and the prerequisites</i>
<i>Mathematics</i>	<i>10</i>	<i>Pure Mathematics 20, Applied Mathematics 20 or 24, Mathematics 20-3, 20-2, 20-1</i>
<i>Science</i>	<i>10</i>	<i>Science 20 or 24, Biology 20, Chemistry 20 or Physics 20</i>
<i>CALM</i>	<i>3</i>	<i>Career and Life Management</i>
<i>Physical Education</i>	<i>3</i>	<i>Physical Education 10</i>
<i>CTS or Fine Arts or Second Languages or Physical Education</i>	<i>10</i>	<i>10 credits from Career and Technology Studies (CTS) or Fine Arts or Second Languages or Physical Education</i>
<i>A minimum of two Grade 12 courses other than English or Social</i>	<i>10</i>	<i>In addition to English and Social Studies, at least ten credits must be earned in other Grade 12 courses. (All 30-level courses and 3000 level CTS courses are acceptable).</i>

CORE COURSES

Remember that courses in English, social studies, mathematics and science are offered at several levels. Choosing the highest level that you will succeed at is the best way to keep your options open. However, it is important to look at your potential realistically. It is frustrating to be struggling in a course that is too difficult. If you are, you have several options. You can get extra help from the teacher or a fellow student. You may consider getting a tutor or you may decide to move to a less challenging course series. If you are doing better than you expected, you may want to move to a more challenging course series. Should you decide to transfer from one series to another, your principal, counsellor or teacher can advise you on the best way and time to make the change.

Although your junior high marks are usually the best indicator of how you will do in high school, it is always possible, with effort, to improve them.

COMPLEMENTARY COURSES

Complementary courses offer you a chance to broaden your knowledge by studying a variety of subjects. Some complementary courses will help you build skills that will help you get and keep a job. Approximately 25 to 35 credits of study in a particular area could provide a basis for getting a job.

Some students have as many as 20 credits left for complementary courses each year. If you need each of the three sciences to get into a post-secondary institution, you may have less than 5 credits left each year for complementary courses. You may select from the complementary courses your school offers, or from other core courses.

COURSE CHANGES/DROPS

Students must make their course selections carefully, taking into consideration ability levels and career aspirations. We expect that students shall remain in the courses they select for the school year. We understand that there are circumstances that warrant a course drop or change. To do this, students must fill out a course change form from Student Services. Parents must sign it then counseling services and administration review the request. It is then approved or not approved. See course change form for guidelines on course changes. Only if the student meets the minimum credit load requirement, will the administration authorize the withdrawal from a course. Students who want to transfer to another class after ten days (10) days may only transfer to a lower level course (i.e. English 10-1 to English 10-2).

COURSES OFFERED AT SCHS

Each of the following courses will be offered during the 2010-2011 school year if there is sufficient registration in the course. Grade 10 students may select electives from the grade 10 list; or from the grade 11 list provided that the student has completed the necessary prerequisites and the subject choice is approved by the principal. Grade 11 and 12 students may select electives from any list provided that the student has completed the necessary prerequisites.

Students may be required to select extra electives and list them in order of preference on the registration form. The number in brackets after each course shows the credit value. **NOTE: SOME COURSES MAY NOT BE OFFERED IF ENROLMENT IS INSUFFICIENT.**

COURSE OFFERINGS

GRADE TEN

English 10-1 AP (8)
English 10-1 (5)
English 10-2 (5)

Fine Arts

Art 10 (3)(5)
Art 11(Ceramics & Sculpture 15) (3) (5)

Drama 10 (3)
Beginning Band 10 (Instrumental) (3)
Music 10 (Instrumental Concert Band) (5)
Music 10 (Choral) (5)
Music 10 (General-Guitar) (3)
Music 10 (General-Jazz) (3)
Instrumental Jazz Band 15 (5)
Vocal Jazz 15 (5)

Mathematics 10C (5)

Mathematics 10-3 (5)

GRADE TEN

Physical Education 10 (3) (5)

Science 10 (5)

Science 14 (5)

Second Languages

French 10 (5)
German 10 (5)
Spanish 10 (5)

Social Studies 10-1 Pre-AP (5)

GRADE ELEVEN

CALM (Career and Life Management) (3)

English 20- 1 AP (8)
English 20-1 (5)
English 20-2 (5)

Art 20 (5)
Art 21 (Ceramics & Sculpture 25) (3) (5)

Drama 20 (5)
Music 20 (Instrumental Concert Band) (5)
Music 20 (Choral) (5)
Music 20 (General-Guitar) (3)
Music 20 (General-Jazz) (3)
Instrumental Jazz Band 25 (5)
Vocal Jazz 25 (5)

Mathematics 20-1 (5)
Mathematics 20-2 (5)

Mathematics 20-3 (5)

GRADE ELEVEN

Physical Education 20 (3)(5)
Fitness for Life 20 (3)

Science 20 (5)
Biology 20 (5)
Chemistry 20 (5)
Physics 20 (5)
Science 24 (5)

French 20 (5)
German 20 (5)
Spanish 20 (5)

Social Studies 20-1 AP (5)

GRADE TWELVE

English 30-1 AP (8)
English 30-1 (5)
English 30-2 (5)

Art 30 (5)
Art 31 (Ceramics & Sculpture 35) (5)

Drama 30 (5)
Music 30 (Instrumental Concert Band) (5)
Music 30 (Choral) (5)
Music 30 (General-Guitar) (3) (5)
Music 30 (General-Jazz) (3)
Instrumental Jazz Band 35 (5)
Vocal Jazz 35 (5)

Pure Mathematics 30 (5)
Mathematics 31(5)
Applied Mathematics 30 (5)

GRADE TWELVE

Physical Education 30 (5)

Science 30 (5)
Biology 30 (5)
Chemistry 30 (5)
Physics 30 (5)

French 30 (5)
German 30 (5)
Spanish 30 (5)

Social Studies 30-1 AP (5)

Social Studies 10-1 (5)
Social Studies 10-2 (5)

AP History 20-1 (3)
Social Studies 20-1 (5)
Social Studies 20-2 (5)

(combined with Soc 30-1)
Social Studies 30-1 (5)
Social Studies 30-2 (5)

CTS COURSE OFFERINGS

Communication Technology 10 (3)
Construction Technology 10 (5)
Cosmetology 10 (5)
Design Studies 10 (5)
Early Childhood Assistant Program (10)
Fabrication Studies 10 (5)
Fashion Studies 10 (3)(5)
Foods 10 (3)(5)
Foods 10-Culinary Arts (5)
Foods-Lunch (2)(4)
Medical Studies 10 (10)
Information Processing 10 (3)

Marketing and Management (3)
Mechanics 10 (5)
Sports Medicine 10 (5)
Tourism and Transportation (3)

Career Transitions (3)(6) (Yearbook)
Communication Technology 20 (5)
Construction Technology 20 (10)
Cosmetology 20 (10)
Design Studies 20 (5)

Fabrication Studies 20 (10)
Fashion Studies 20 (3)(5)
Foods 20 (5)
Foods 20-Culinary Arts (5)(10)
Foods-Lunch (2)(4)
Medical Studies 20/30 (10)
Information Processing 20 (3)(5)
Legal Studies 20 (5)
Marketing and Management (3)
Mechanics 20 (10)
Sports Medicine 20 (5)
Tourism and Transportation (3)

Communication Technology 30 (5)
Construction Technology 30 (10)
Cosmetology 30 (10)

Fabrication Studies 30 (10)
Fashion Studies 30 (3)(5)
Foods 30 (5)
Foods 30-Culinary Arts (5)(10)
Foods-Lunch (2)(4)

Information Processing 30 (5)
Legal Studies 30 (5)
Marketing and Management (3)
Mechanics 30 (10)
Sports Medicine 30 (5)
Tourism and Transportation (3)

OTHER COURSES

Registered Apprenticeship Program (5-40)
Work Experience 15 (3)(5)

Work Experience 25 (3)(5)

Work Experience 35 (3)(5)

SCHOLARSHIPS

It is important to note that there have been changes in the course requirements for the Alexander Rutherford High School Achievement Scholarships and there is a minimum credit load for Grade 12 students to qualify for a Sturgeon School Division scholarship and/or bursary. Students who have the ability to achieve an honor standing are encouraged to check out the criteria for various scholarships in the Student Services Department.

SUPPLY LIST

Students are required to have HB pencils, 1 pair of scissors, 1 ruler, 2-3 ring binders (large), ballpoint pens, and lined and plain loose leaf paper. The school recommends that students registered in Pure or Applied Math purchase the following calculator: Texas Instrument T1-83 Plus. Students enrolled in Math 10-3 or Math 24 may purchase any scientific calculator.

CALM

CALM 10 (CAREER AND LIFE MANAGEMENT) - Mandatory

CREDITS: 5

PREREQ: NONE

CONTENT: The aim of senior high school Career and Life Management (CALM) is to enable students to make well informed, considered decisions and choices in all aspects of their lives and to develop behaviors and attitudes that contribute to the well-being and respect of others, now and in the future. CALM is the core course for health literacy at the senior high level in Alberta.

CTR1010: Job Preparation: will complete this course in CALM.

HSC3000: Workplace Safety Systems (1 credit)

HSC3010: Workplace Safety Practices (1 credit)

NOTE: STUDENTS WILL STILL REQUIRE A MINIMUM OF 3 CREDITS IN CALM TO MEET HIGH SCHOOL DIPLOMA REQUIREMENTS. THIS COURSE IS MANDATORY FOR GRADE 10'S.

CALM 20 (CAREER AND LIFE MANAGEMENT)

CREDITS: 3

PREREQ: NONE

CONTENT: The aim of senior high school Career and Life Management (CALM) is to enable students to make well informed, considered decisions and choices in all aspects of their lives and to develop behaviors and attitudes that contribute to the well-being and respect of others, now and in the future. CALM is the core course for health literacy at the senior high level in Alberta.

CTR1010: Job Preparation: will complete this course in CALM, if not previously completed.

NOTE: STUDENTS WILL STILL REQUIRE A MINIMUM OF 3 CREDITS IN CALM TO MEET HIGH SCHOOL DIPLOMA REQUIREMENTS.

ENGLISH

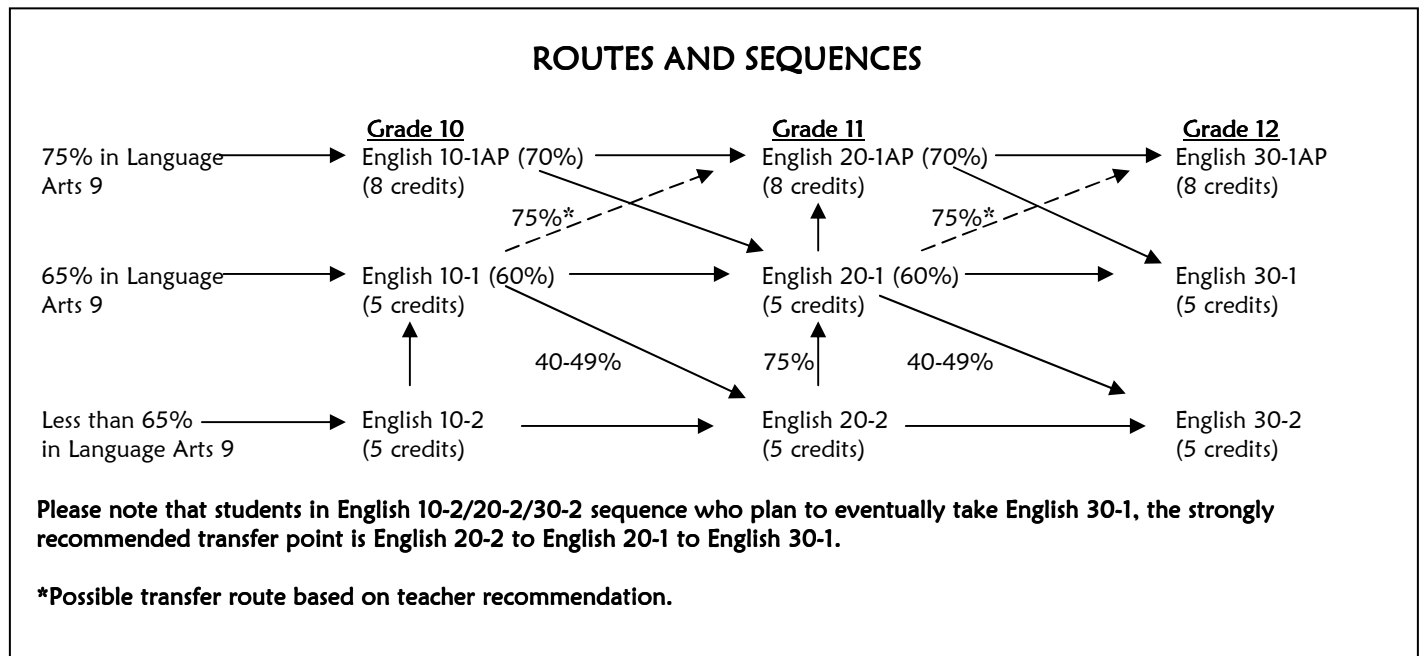
SEQUENCES

English is a required subject for graduation from all high school programs. At Sturgeon Composite High School two routes or sequences are offered. Both sequences, English 10-1/20-1/30-1 or English 10-2/20-2/30-2, deal with the same skills of reading, writing, viewing, speaking and listening. The English Program provides opportunities for students to experience language in functional, analytical, artistic and pleasurable situations with the aim to develop:

- Awareness and interest in how language works.
- An understanding and appreciation of a wide range of use.
- Flexibility in using language for a variety of purposes.

ROUTES AND PREREQUISITES

The following flow chart illustrates the recommended prerequisite structure of the English program offered at Sturgeon Composite High School.



ENGLISH ADVANCED PLACEMENT (AP)

AP English is an advanced program offered in conjunction with the regular English 10-1, 20-1, 30-1 program. Students

registered in AP English will experience increased confidence and skill level due to an intensive reading and writing program. Students will typically study double the number of works of the regular program, which will provide the student with a greater understanding of literary genre in historical perspective, and literary purpose and technique. AP English is a gathering of students who like to read, discuss, and write on a mature level.

Students who take AP are given the same core exams as those of the regular program, so their marks will not decline as a consequence of taking the course, but rather, should improve, as they study at a greater depth. This class fills a 5 credit spot on your timetable.

ENGLISH 10-1 AP

CREDITS: 5 (+ 3 IN AMERICAN LITERATURE 15)

PREREQ: 75% IN LANGUAGE ARTS 9

CONTENT: English 10-1AP is a non-semestered class which allows more time for reading. There is an emphasis on analysis, writing skills, and reading comprehension. Students will develop the skills for strong written and oral presentations.

ENGLISH 20-1 AP

CREDITS: 5 (+ 3 IN BRITISH LITERATURE 25)

PREREQ: 70% IN ENGLISH 10-1AP OR TEACHER'S RECOMMENDATION IN ENGLISH 10-1 (+75%)

CONTENT: English 20-1AP is also a non-semestered course. Students embark on a voyage of discovery, exploring and interacting with a variety of works. They will be encouraged to focus their effort on their responses to literature and not rely on secondary sources.

ENGLISH 30-1 AP

CREDITS: 5 (+ 3 IN ADVANCED ENGLISH 35)

PREREQ: 70% IN ENGLISH 20-1AP OR TEACHER'S RECOMMENDATION IN ENGLISH 20-1

CONTENT: English 30-1AP is also a non-semestered course. This course continues the study of selections from world, English, Canadian and American Literature. It includes an intensive study of a Shakespearean play, a selection of poetry, and the novel in society. Students may write the AP exam in May and then concentrate on preparation for the English 30-1 diploma exam in June. Should students receive a qualifying mark on the AP exam, they can receive credit for first year university English and be placed in second year English at the University of Alberta.

NOTE: ALL AP STUDENTS WRITE THE COMMON ENGLISH 10-1/20-1 FINAL EXAMS AND THE ALBERTA EDUCATION ENGLISH 30-1 DIPLOMA EXAM.

ENGLISH 10-1

CREDITS: 5

PREREQ: MINIMUM 65% IN THE LANGUAGE ARTS 9 COURSE OR ENGLISH 10-2

CONTENT: English 10 is an academic course designed for those students with a need for university entrance or those students with a special interest and ability in English. The focus of this course is on the appreciation of literature, by examining genres such as the short story, poetry, the novel, the Shakespearean play, the feature film, and visual and multimedia text. Students are also expected to develop proficiency in using language confidently for a variety of purposes.

ENGLISH 20-1

CREDITS: 5

PREREQ: RECOMMENDED 60% IN ENGLISH 10-1 OR 60% IN ENGLISH 20-2

CONTENT: English 20-1 is based on literary analysis and is designed to increase the student's knowledge and appreciation of literature and his/her communication skills. It includes a study of both Shakespearean and modern drama (optional), the literary essay, poetry, the short story, the novel, visual and multimedia text, and film.

ENGLISH 30-1

CREDITS: 5

PREREQ: RECOMMENDED 60% IN ENGLISH 20-1

CONTENT: English 30-1 is required for university entrance. It includes a study of Shakespearean or modern drama, the literary essay and other non-fiction, poetry, the short story, and the novel, visual and multimedia text and film. It is the most intense study of all English courses, with the objective of preparing students to excel in both literary analysis and communication skill.

ENGLISH 10-2

CREDITS: 5

PREREQ: NONE

CONTENT: English 10-2 is a course designed for those students who are working towards achieving a high school diploma. It offers an opportunity for students to develop their basic communication skills, as well as to become involved in various forms of literature and to form personal responses to this literature. Through reading, writing, speaking, listening, and viewing, students are encouraged to explore their own views and experiences. Emphasis is on responding to literature and recognition of ideas contained in it rather than on literary analysis.

ENGLISH 20-2

CREDITS: 5

PREREQ: MINIMUM 50% IN ENGLISH 10-2 OR 40% IN ENGLISH 10-1

CONTENT: The content of this course includes the study of short stories, poetry, non-fiction, the novel, film the modern play, and multimedia. The literature studied will be chosen to increase understanding of man and society as well as to enhance skills in communication. Considerable emphasis is placed on helping students overcome writing.

ENGLISH 30-2

CREDITS: 5

PREREQ: MINIMUM 50% IN ENGLISH 20-2 OR 40% IN ENGLISH 20-1

CONTENT: English 30-2 is a course which provides students with entrance to most secondary institutions other than university. The content of the course includes the study of short stories, non-fiction, novel, modern drama, film and multimedia. Emphasis will be on oral and written response to ideas implicit in the literature, but technical literary analysis will be incorporated in the studies.

FINE ARTS

ART 10

CREDITS: 3 OR 5

PREREQ: NONE

FEE: \$25.00

CONTENT: This is a very basic general art course. The students should develop aesthetically through appreciation and expression in areas such as drawing, design and painting. Fundamentals are stressed and many different media are experienced.

ART 20

CREDITS: 5

PREREQ: ART 10

FEE: \$25.00

CONTENT: Art 20 aims at further development of basic skills in drawing, painting, sculpture, and environmental design together with art history related to each area. This will involve at least one individual project where the student makes an in-depth study in his favorite art field. Emphasis will be placed on allowing the student to assess his true interest and potential in a variety of art media.

ART 30

CREDITS: 5

PREREQ: ART 20

FEE: \$25.00

CONTENT: Art 30 is an in-depth study of various art activities in drawing design, painting, and/or sculpture. Students should develop ability in assessing the work of others, self-evaluation, and personal interpretation. The student, in consultation with the teacher, plans his/her program.

ART 11 (CERAMICS AND SCULPTURE 15)

CREDITS: 3 OR 5

PREREQ: NONE

FEE: Due to the nature of the course, students may be charged approximately \$40.00-\$65.00 to cover the material costs for their projects.

CONTENT: This sculpture course will provide experience in modeling, casting, relief sculpting, carving, and constructing in various materials such as clay, wire, wood, paper, soapstone, plaster, etc. A major emphasis will be placed on painting techniques for ceramics and the use of different media.

ART 21 (CERAMICS AND SCULPTURE 25)

CREDITS: 3 OR 5

PREREQ: MINIMUM 50% IN CERAMICS 15

FEE: Approximately \$40.00-\$65.00 to cover the material costs for their projects.

CONTENT: Students will produce more detailed sculpture projects. They will also explore other sculpture mediums as well as take on a larger role in the pouring and firing processes of ceramics. An emphasis is also placed upon the study of various sculptors, both past and present.

ART 31 (CERAMICS AND SCULPTURE 35)

CREDITS: 5

PREREQ: MINIMUM 50% IN CERAMICS 25

FEE: Approximately \$40.00-\$65.00 to cover the material costs for their projects.

CONTENT: This course focuses on advanced techniques and individual expressionism in sculpture projects.

DRAMA 10

CREDITS: 3

PREREQ: NONE

CONTENT: This course serves as an introduction to drama. Basic skills relating to mime, movement, stage fighting, improvisation, technical theatre, characterization and voice are the major areas of skill development. Most of the work is based on the student's ability to do improvisation rather than doing traditional scene work. Drama 10 is designed as a preparation course for Drama 20 and 30 and emphasizes the development of individual skills rather than performance skills.

DRAMA 20

CREDITS: 5

PREREQ: 50% MINIMUM IN DRAMA 10

CONTENT: This course focuses on the basic dramatic skills of speech, movement, improvisation, acting, technical design and theatre studies. These skills will be developed through the exploration of a variety of dramatic forms including collective, radio play, creative drama and film/video with an emphasis on public performances.

DRAMA 30

CREDITS: 5

PREREQ: 50% MINIMUM IN DRAMA 20

CONTENT: This course continues to develop the basic skills from Drama 20 and places further emphasis on playwriting and directing. Scripted material will be explored to provide the student opportunities to apply and extend skills and knowledge.

MUSIC

Students are encouraged to register in the S.C.H.S. music program. Various courses are offered which allow all students to explore and develop the talents that they all possess within. Music courses aid in developing self-confidence, leadership, creativity, communication. As well, music education provides an opportunity to bring art form to life; *to express, perform and create*. **Students successfully completing Instrumental Music 30, Choral Music 30, General Music 30 (guitar 5 credit), Vocal Jazz 35 and Instrumental Jazz 35 can use these course grades towards their Rutherford Scholarship, as well as part of their admission requirements towards many post-secondary courses of study. Please note only one 30 level fine arts course is allowed to be used towards entrance to most post-secondary institutions.**

**Students enrolled in instrumental music courses will be provided with a suitable quality band instrument. Students who bring their own instrument pay \$30.00.*

BEGINNING BAND 10 (INSTRUMENTAL)

CREDITS: 3

PREREQ: NONE

FEE: \$40.00

CONTENT: This course is designed to allow students who have never been in concert band to learn a concert band instrument with the goal of moving them into the 5 credit program if they choose. The majority of class time will be spent on learning to play the instruments and to begin reading music notation. Students who progress quickly will be asked to join music 10 in semester 2.

MUSIC 10 (INSTRUMENTAL CONCERT BAND)*

CREDITS: 5

PREREQ: THIS COURSE IS INTENDED FOR STUDENTS WHO COMPLETED GRADE 9 BAND WITH 50% IN JUNIOR HIGH SCHOOL OR FOR STUDENTS WHO HAVE STUDIED A BAND INSTRUMENT PRIVATELY FOR 2 YEARS MINIMUM. PLEASE SEE SCHS WEBSITE FOR TECHNICAL REQUIREMENTS.

FEE: \$80.00

CONTENT: The primary focus of this course is for each student to develop his/her musical technique and ability. The majority of class time is spent developing skills through band rehearsal however some time may be spent in small ensembles. Music theory is also explored covering topics such as theoretical rudiments of music and music appreciation.

MUSIC 20 (INSTRUMENTAL CONCERT BAND)*

CREDITS: 5

PREREQ: 50% MINIMUM IN MUSIC 10 (INSTRUMENTAL) AND RECOMMENDATION FROM THE INSTRUCTOR

FEE: \$80.00

CONTENT: In this second level of high school music, students will develop their music knowledge and instrumental technique to a higher level. More emphasis is placed on developing as a performer through solo and small ensemble repertoire.

MUSIC 30 (INSTRUMENTAL CONCERT BAND)*

CREDITS: 5

PREREQ: 50% MINIMUM IN MUSIC 20 (INSTRUMENTAL) AND RECOMMENDATION FROM THE INSTRUCTOR

FEE: \$80.00

CONTENT: This is the senior level course in this program. Continued development of musical technique and ability are furthered, with more focus on leadership skills through conducting and leading small ensembles.

MUSIC 10 (CHORAL)

CREDITS: 5

PREREQ: NONE

FEE: \$40.00

CONTENT: Various styles of vocal music will be explored so that students can develop correct vocal techniques and skills. This will be achieved through group rehearsals, small ensembles and solo work. Music theory is also explored covering topics such as theoretical rudiments of music and music appreciation.

MUSIC 20 (CHORAL)

CREDITS: 5

PREREQ: 50% MINIMUM IN MUSIC 10 (CHORAL) AND THE RECOMMENDATION FROM THE INSTRUCTOR

FEE: \$40.00

CONTENT: Continued exploration of various styles of vocal music so that students can develop correct vocal techniques and skills. Focus will be placed on small ensembles and solo work.

MUSIC 30 (CHORAL)

CREDITS: 5

PREREQ: 50% MINIMUM IN MUSIC 20 (CHORAL) AND THE RECOMMENDATION FROM THE INSTRUCTOR

FEE: \$40.00

CONTENT: This level of choral music will give the student opportunity to further develop their vocal range and ability. More emphasis will be placed on solo performance and individual development.

GENERAL MUSIC 10 (GUITAR)

CREDITS: 3

PREREQ: NONE

FEE: \$40.00

CONTENT: Through the use of individual performance based courses the focus of this course will be on basic guitar performance techniques. The students will be taught note reading, basic and intermediate guitar chords, and basic music theory. Previous experience not required. Students are required to provide their own acoustic guitar.

GENERAL MUSIC 20 (GUITAR)

CREDITS: 3

PREREQ: 50% MINIMUM IN GUITAR 10 AND THE RECOMMENDATION FROM THE INSTRUCTOR

FEE: \$40.00

CONTENT: The focus of this program will be on guitar performance techniques at the intermediate level. Through various performance courses and group situations students will be taught note reading, guitar chords, music theory and small ensemble performance. Students are required to provide their own acoustic guitar.

GENERAL MUSIC 30 (GUITAR)

CREDITS: 3 OR 5

PREREQ: 50% MINIMUM IN GUITAR 20 AND THE RECOMMENDATION FROM THE INSTRUCTOR

FEE: \$40.00

CONTENT: The focus will be on guitar performance at the advanced level. Technique, solo performance and group situations will be the focus. Students are required to provide their own acoustic guitar. The 5 credit program will allow those students who choose it to receive a 30 level 5 credit fine arts credit which can be used for the Rutherford Scholarship as well as entrance in to many post secondary fields of study.

GENERAL MUSIC 10 (JAZZ STUDIES)

CREDITS: 3

PREREQ: PREVIOUS PRIVATE VOCAL OR INSTRUMENTAL STUDY (3 YEARS), 50% IN GRADE 9 BAND

FEE: \$80.00

CONTENT: This course explores the various styles of jazz, including a study of its origins. With the emphasis on researching, creating and performing jazz music, students will be given the opportunity to listen and analyze jazz music from various eras, as well as study the art of improvisation.

GENERAL MUSIC 20 (JAZZ STUDIES)

CREDITS: 3

PREREQ: 50% MINIMUM IN JAZZ STUDIES 10 AND THE RECOMMENDATION FROM THE INSTRUCTOR

FEE: \$80.00

CONTENT: In this second level Jazz Studies, students will focus on the jazz combo. The students will form their own groups and then arrange, perform, and compose songs for the small jazz combo.

GENERAL MUSIC 30 (JAZZ STUDIES)

CREDITS: 3

PREREQ: 50% MINIMUM IN JAZZ STUDIES 20

FEE: \$80.00

CONTENT: In this third level of Jazz Studies, students will focus on composition and solo performance. The students will compose, arrange, and perform their own songs with a small jazz ensemble.

INSTRUMENTAL JAZZ 15 (JAZZ BAND) MONDAY & TUESDAY - 3:30-5:00 PM

CREDITS: 5

PREREQ: 50% MINIMUM IN GRADE 9 BAND

FEE: \$80.00

CONTENT: The focus of this program will be the performance-based study of big band music. Students will participate in several concerts and events. Elements such as improvisation will be explored.

INSTRUMENTAL JAZZ 25 (JAZZ BAND) MONDAY & TUESDAY - 3:30-5:00 PM

CREDITS: 5

PREREQ: 50% MINIMUM IN INSTRUMENTAL MUSIC 10, JAZZ STUDIES 10 OR INSTRUMENTAL JAZZ 15 AND THE RECOMMENDATION FROM THE INSTRUCTOR

FEE: \$80.00

CONTENT: This is the second level of instrumental jazz. Continued development of musical skills and ability will be furthered with focus on leadership skills.

INSTRUMENTAL JAZZ 35 (JAZZ BAND) MONDAY & TUESDAY - 3:30-5:00 PM

CREDITS: 5

PREREQ: 50% MINIMUM IN INSTRUMENTAL MUSIC 20, JAZZ STUDIES 20 OR INSTRUMENTAL JAZZ 25 AND THE RECOMMENDATION FROM THE INSTRUCTOR

FEE: \$80.00

CONTENT: This is the senior level course in the program. Continued development of musical technique and ability are furthered with the main focus on leadership within the ensemble.

VOCAL JAZZ 15 (MONDAY, WEDNESDAY, THURSDAY - LUNCH HOUR)

CREDITS: 5

PREREQ: AUDITIONED ENTRANCE REQUIREMENT

FEE: \$40.00

CONTENT: This is a performance based vocal ensemble focusing on challenging vocal repertoire from all styles. Skills will be developed through rehearsals, public performances and other events.

VOCAL JAZZ 25 (MONDAY, WEDNESDAY, THURSDAY - LUNCH HOUR)

CREDITS: 5

PREREQ: AUDITIONED ENTRANCE REQUIREMENT AND 50% IN VOCAL JAZZ 15

FEE: \$40.00

CONTENT: This is the second level of the above course. More focus will be put on leadership within the ensemble.

VOCAL JAZZ 35 (MONDAY, WEDNESDAY, THURSDAY - LUNCH HOUR)

CREDITS: 5

PREREQ: AUDITIONED ENTRANCE REQUIREMENT AND 50% IN VOCAL JAZZ 25

FEE: \$40.00

CONTENT: This is a performance based vocal ensemble focusing on challenging vocal repertoire from all styles. Skills will be developed through rehearsals, public performances and other events.

MATHEMATICS

Implementation Facts - The Revised High School Mathematics Program of Studies

Important Dates

Provincial implementation of the revised curriculum and course sequences, will take place on the following dates¹:

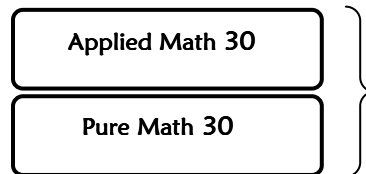
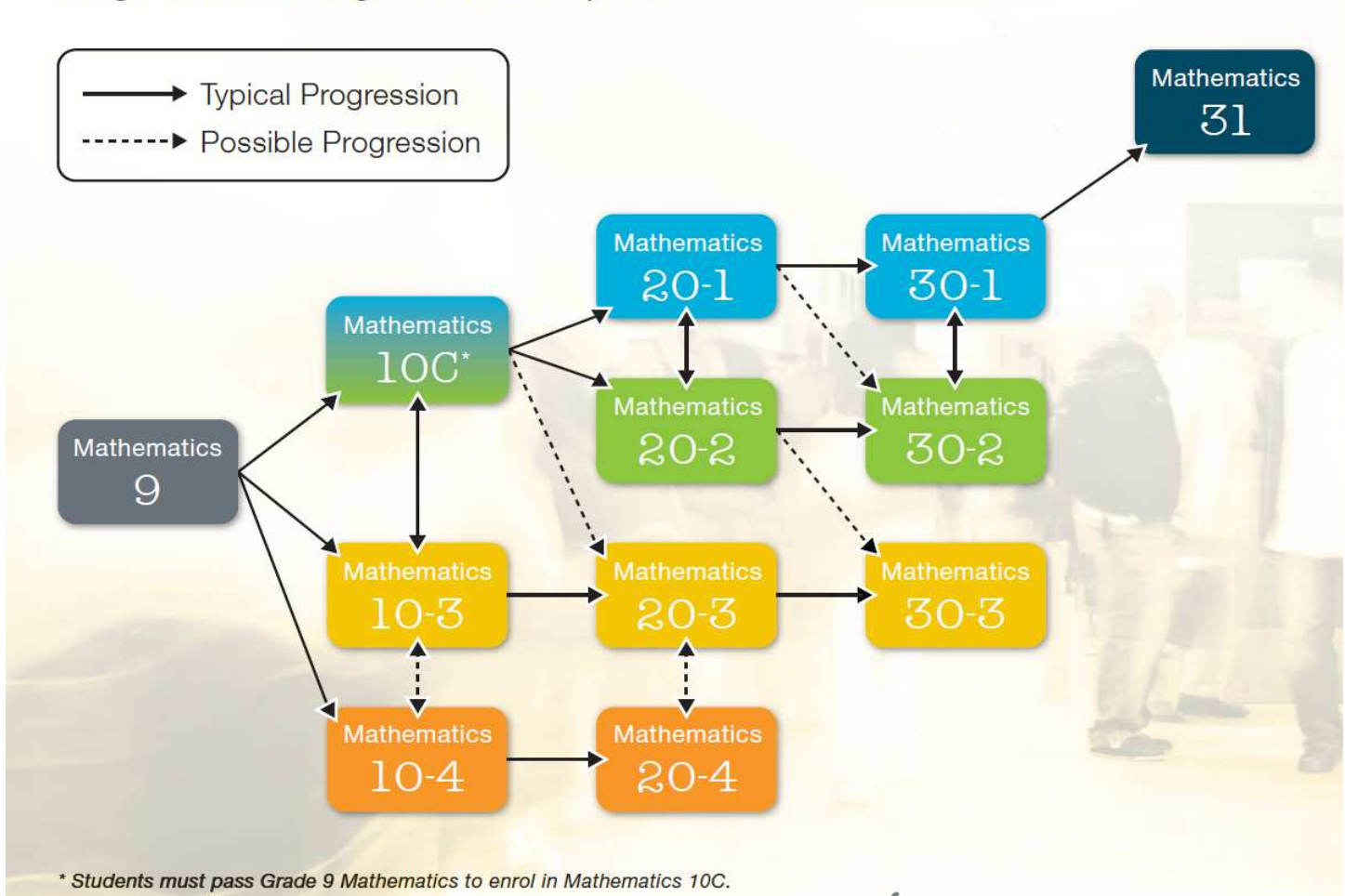
September 2010: 10C and 10-3

September 2011: 20-1, 20-2, 20-3

September 2012: 30-1, 30-2, 30-3

Note: Mathematics 10-4, 20-4 and 31 have not changed under the revised program and remain available for students.

Progression Through Course Sequences



These 2 courses will be phased out at the end of the 2011-2012 school year.

Looking to the Future

The content of the three course sequences (-1, -2 and -3) differs so **students gain the necessary knowledge, skills and attitudes to be successful both in the workplace and in a variety of post-secondary programs.**

- Students have a choice of three mathematics courses when entering Grade 10: 10C, 10-3 and 10-4.

Choosing the Right Sequence

Mathematics -1 Course Sequence

For entry into:	Post-secondary programs ¹ at universities, colleges and technical institutes that may require further study of mathematics; e.g.: <ul style="list-style-type: none"> • Engineering • Mathematics • Sciences • Business
------------------------	---

Designed for:	Students interested in careers emphasizing mathematics or sciences
Additional information:	<p>This sequence:</p> <ul style="list-style-type: none"> • is a co-requisite for Mathematics 31 • may be required for post-secondary study of calculus <p>Topics in this sequence include permutations and combinations, relations and functions, sequences and series, and trigonometry.</p>

¹ Prerequisites for programs offered at post-secondary institutions should always be confirmed with the institution as they can change on a yearly basis.

Mathematics -2 Course Sequence

For entry into:	<p>Many programs² at universities, colleges and technical institutes, including some apprenticeship programs; e.g.:</p> <ul style="list-style-type: none"> • Arts programs • Civil engineering technology • Medical technologies • Some apprenticeship programs
Designed for:	<p>Students interested in careers in a wide variety of areas (This sequence is designed to fill the needs of most students.)</p>
Additional information:	<p>This sequence provides a student with a high degree of flexibility in terms of changing course sequences—at both the Grade 11 and Grade 12 levels—if the student’s interests change.</p> <p>Topics in this sequence include relations and functions, equations, probability, statistics and trigonometry.</p>

² Prerequisites for programs offered at post-secondary institutions should always be confirmed with the institution as they can change on a yearly basis.

Mathematics -3 Course Sequence

For entry into:	Many apprenticeship programs and the workforce
Designed for:	Students interested in trades or direct entry into the workforce
Additional information:	<p>This sequence aligns with entrance requirements for many trades programs, specifically levels one to three.</p> <p>Topics in this sequence include finance, geometry, measurement and trigonometry.</p>

Mathematics-4 Course Sequence – See Knowledge & Employability Course Selection Guide.

Recommendations

Mathematics 10 C (replacing Pure Math 10 & Applied Math 10)

This course is offered to all students passing grade 9 mathematics. Mathematics 10C is for students who want to take -1 or -2 course sequence.

Credits: 5

Prerequisite: 50% in grade 9 (65% recommended with strong algebra skills).

Content: Mathematics 10 Common consists of the following topics: measurement (SI and Imperial), trigonometry, polynomial factoring and operations, systems of equations, linear relations and functions.

Mathematics 10-3 (replacing replacing Math 14)

This course is offered to students pursuing many apprenticeship programs.

Credits: 5

Prerequisite: none

Content: Mathematics 10-3 consists of the following topics: measurement (SI and Imperial), tolerance of instruments, trigonometry, geometry, transformation on 2-D shapes and 3-D objects, finance, credit options, buying and leasing small

business options, logical and proportional reasoning.

COURSE SEQUENCES

To address the diverse needs, abilities and interests of students, the senior high mathematics program is composed of three sequences. Each of the sequences has the development of mathematical literacy as a primary goal and presents curricular content within a problem-solving context.

Mathematics 20-1/30-1

This sequence of courses is designed for students intending to pursue post-secondary studies at university or in a mathematics-intensive program at a technical school or college. Pure Mathematics 20/30 emphasizes the theoretical development of topics from the areas of algebra, geometry, trigonometry and statistics up to a level acceptable for entry into universities and other post-secondary institutions.

Mathematics 20-2/30-2

This sequence of courses is designed for students that do not intend to pursue post-secondary studies in mathematics but still need math courses to prepare them for entry to college, technical school, trades and employment. Applied Math courses cover many of the same topics as the Pure Math stream but in different ways involving technology.

Mathematics 31

This course is designed for highly motivated, academic students who wish to pursue a first course in calculus. Pure Mathematics 30 must be taken as a pre- or a co-requisite course.

NOTE: STUDENTS IN (-1 or -2) MATH PROGRAMS SHOULD PURCHASE A GRAPHING CALCULATOR. PLEASE CHECK THE SUPPLY LIST ON PAGE 8 FOR THE RECOMMENDED BRAND AND MODEL PRIOR TO PURCHASING.

ROUTES AND PREREQUISITES

Transfer Points for Senior High Mathematics

Pure Mathematics to Applied Mathematics

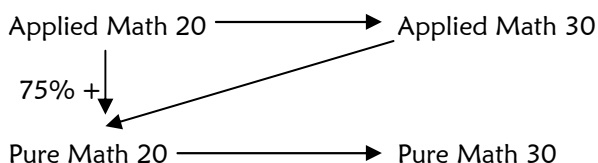
Students who complete Pure Mathematics can transfer to the Applied Mathematics program sequence at the next level. For example, students who pass Pure Mathematics 10 can transfer to Applied Mathematics 20. Students who pass Pure Mathematics 20 can transfer to Applied Mathematics 30.



Students who have failed Pure Math 10 can either repeat Pure Math 10 or transfer to Applied Math 20 (minimum of 40% in Pure Math 10). Students who have failed Pure Math 20 can either repeat Pure Math 20 or transfer to Applied Math 30 (minimum of 40% in Pure Math 20).

Applied Mathematics to Pure Mathematics

Students who complete Applied Mathematics can only make lateral moves into the Pure Mathematics program and students who pass Applied Mathematics 20 may transfer to Pure Mathematics 20 (the student needs to have a mark of 75% or better). Students who complete Applied Mathematics 30 and wish to enter the Pure Mathematics program sequence must first pass Pure Mathematics 20 as this is the prerequisite for Pure Mathematics 30.



* Students who have failed Mathematics 10C can repeat Mathematics 10C, transfer to Mathematics 20-3 and be granted retroactive

credits for Mathematics 10-3 upon successful completion of Mathematics 20-3.

Students who have failed Applied Mathematics 20 can register in Mathematics 20-3.

NOTE: STUDENTS MUST HAVE A GRADE 11 MATH COURSE TO MEET THE CREDIT REQUIREMENTS FOR MATHEMATICS.

MATHEMATICS 20-1

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF PURE MATH 10 (65% RECOMMENDED) OR 75% IN APPLIED MATH 20

CONTENT: Pure Mathematics 20 consists of the following topics: systems of equations, linear inequalities, quadratic functions, quadratic and polynomial equations, functions, reasoning, circle geometry, coordinate geometry, trigonometry and personal finance.

PURE MATHEMATICS 30

CREDITS: 5

PREREQ: PURE MATHEMATICS 20 (65% RECOMMENDED)

CONTENT: Pure Math 30 topics include: transformations, conics, exponents and logarithms, trigonometric functions, sequences and series, permutations, combinations and statistics.

MATHEMATICS 31

CREDITS: 5

PREREQ: PURE MATHEMATICS 30. Students will be permitted to take Pure Mathematics 30 and Mathematics 31 concurrently. Students are encouraged to register in Pure Mathematics 30 in the first semester and Mathematics 31 in the second semester.

CONTENT: Mathematics 31 topics include: precalculus and limits, derivatives and derivative theorems, applications of derivatives, integrals, integral theorems and integral applications and elective component.

MATHEMATICS 20-2

CREDITS: 5

PREREQ: MINIMUM 60% IN APPLIED MATH 10 OR MINIMUM 40% IN PURE MATH 10.

CONTENT: Applied Mathematics 20 consists of the following topics: graphing, nonlinear equations, linear systems, linear programming, circle geometry, finance and measurement.

MATHEMATICS 20-3

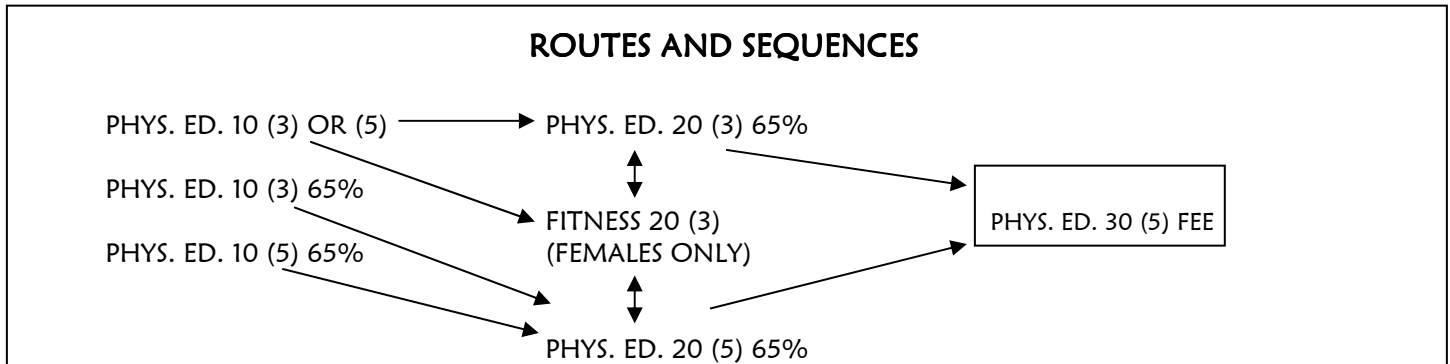
CREDITS: 5

PREREQ: APPLIED MATH 20 (60% RECOMMENDED) OR PURE MATH 20 (MINIMUM 40%).

CONTENT: Applied Mathematics 30 consists of the following topics: Matrices and Pathways, Finance and Spreadsheets, Statistics and Probability, Vectors, Cyclic, Recursive and Fractal Patterns and Design.

PHYSICAL EDUCATION

STUDENTS MUST BE PREPARED TO ACTIVELY PARTICIPATE IN ALL ACTIVITIES. ACCEPTABLE GYMNASIUM DRESS IS A COMPLETE CHANGE OF CLOTHING FROM THOSE WORN TO THE CLASSROOM. THIS INCLUDES RUNNING SHOES AND SOCKS, SHORTS OR SWEATS AND T-SHIRT OR SWEAT SHIRT. SHOWER FACILITIES ARE AVAILABLE IN THE LOCKER ROOMS.



NOTE: DUE TO THE NATURE OF PHYSICAL EDUCATION 20 AND 30, THERE WILL BE LIMITED ENROLMENTS IN THESE CLASSES. IF THERE ARE TOO MANY STUDENTS IN ANY SECTION, SUCCESSFUL STUDENTS WILL BE CHOSEN ON THEIR PAST PERFORMANCE (MARKS AND ATTITUDE).

PHYSICAL EDUCATION 10

CREDITS: 3 OR 5

PREREQ: MINIMUM 65% IN PHYSICAL EDUCATION 9 FOR THE 5 CREDIT PHYSICAL EDUCATION 10 COURSE

CONTENT: The emphasis in this course is to expose students to a wide variety of sports at an intermediate level. Activities will enable individuals to develop the knowledge, skills and attitude necessary to lead an active, healthy lifestyle. Students will have the opportunity to increase their fitness through participation in the following dimensions: games, dance, types of gymnastics, individual activities, and Alternative Environments. **Note: This course is required for a high school diploma.**

Students in both 3 and 5 credit classes will be evaluated in the areas of participation, theory, fitness, skills, attitudes, and social skills.

Units in the 3 credit class will tend to be 4 or 5 days long whereas units in the 5 credit class will tend to be 8 or 9 days in duration. Due to the fact that similar material will be covered in both versions, students in the 3 credit class will have a reduced opportunity for tournament play after the skills have been taught.

PHYSICAL EDUCATION 20

CREDITS: 3 OR 5

PREREQ: MINIMUM 50% IN PHYSICAL EDUCATION 10 FOR THE 3 CREDIT COURSE OR MINIMUM 65% IN PHYSICAL EDUCATION 10 FOR THE 5 CREDIT COURSE

CONTENT: The emphasis in this course is to expose students to a wide variety of sports at an advanced level. Activities will enable individuals to develop the knowledge, skills and attitude necessary to lead an active, healthy lifestyle. Students will have the opportunity to increase their fitness through participation in the following dimensions: games, dance, types of gymnastics, individual activities, and Alternative Environments.

Students in both the 3 credit and 5 credit classes will be evaluated in the areas of theory, fitness, skills, attitudes, and social skills. Both the 3 credit and 5 credit classes will cover the same material, and be evaluated in the same manner; however, the 3 credit class will have fewer units, and therefore, less variety of activities.

PHYSICAL EDUCATION 30 (FEE)

CREDITS: 5

PREREQ: MINIMUM OF 65% IN THE PHYSICAL EDUCATION 20 (5 CREDIT) COURSE

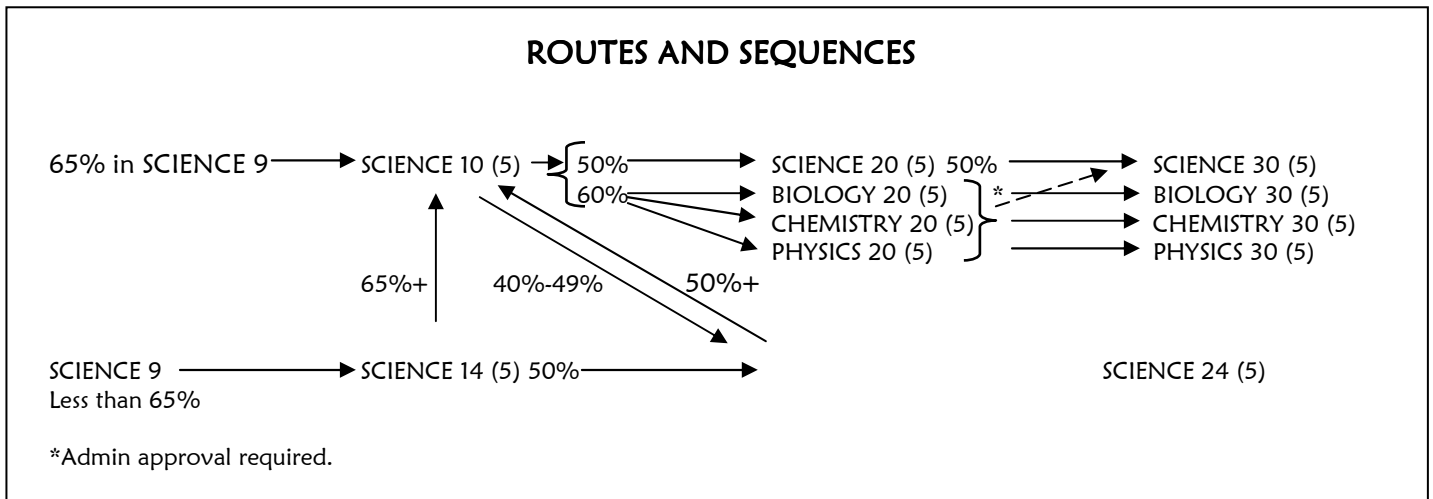
FEE: \$180.00

CONTENT: Physical Education 30 (off-campus) is an advanced course with an emphasis on leisure time activities. Activities will enable individuals to develop the knowledge, skills and attitude necessary to lead an active, healthy lifestyle. Students will have the opportunity to increase their fitness through participation in the following dimensions: games, dance, types of gymnastics, individual activities, and alternative environments. (i.e. swimming, racquetball, golf, bowling, wall climbing, curling, etc.).

SCIENCE

ROUTES AND PREREQUISITES

The following flow chart illustrates the recommended prerequisite structure of the science program offered at Sturgeon Composite High School.



COURSE WEIGHTINGS

Students registering in the academic science program should be aware of the term mark and final exam course weightings used in arriving at final course marks. In Science 10, the term mark is weighted at 70% and the final exam at 30%. In the 20-level sciences, the term mark is weighted at 60% and the final exam at 40%. The 30-level sciences have a term mark or school awarded mark weighting of 50% and the Diploma examination weighting of 50%.

SCIENCE 10

CREDITS: 5

PREREQ: MINIMUM 65% IN GRADE 9 SCIENCE OR MINIMUM 65% IN SCIENCE 14 OR MINIMUM OF 50% IN SCIENCE 24. IT IS RECOMMENDED THAT STUDENTS TAKING THIS COURSE HAVE 65% IN MATH 9.

CONTENT: Science 10 is divided into four units of study with one of the following areas of emphasis identified for each unit: *Nature of Science*, *Science and Technology*, and *Social and Environmental Contexts*. Unit A: Energy and Matter in Chemical Change focuses on the structure of matter and basic chemical species in understanding chemical change. Unit B: Energy Flow in Technological Systems examines the laws of thermodynamics in the development of modern and efficient energy conversion devices. Unit C: Cycling of Matter in Living Systems concentrates on the cell as the fundamental unit of life and an example of an efficient open system. Unit D: Energy Flow in Global Systems studies the connections between solar energy and global climate systems and investigates the relationship between human activity and climate change.

SCIENCE 20

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF SCIENCE 10

CONTENT: Science 20 consists of 4 units of which change is a common theme. Unit A - **Chemical Changes** focuses on chemical energy change principles and its application in industry; Unit B - **Changes in Motion** focuses on understanding the effects of force on motion, and the investigation of mathematical principles involved; Unit C – **Changing Earth** focuses on geological evidence used to study the patterns of change in the biosphere over earth’s history; Unit D – **Changes in Living Systems** focuses on the flow of matter in biogeochemical cycles, the flow of energy through trophic levels, and the prediction of environment change.

SCIENCE 30

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF SCIENCE 20 (60% RECOMMENDED) **Note: Students who have not completed Science 20 and have not attempted Chemistry 20, it is recommended that you complete Unit A-Chemical Changes of Science 20 before attempting Science 30; this will help ensure success in Science 30.**

CONTENT: Science 30 consists of 4 units of which scientific principles, technology, and societal issues are common themes. Unit A – **Living Systems** focuses on the response to the environment of living systems through the study of the mechanisms of homeostasis and genetics; Unit B – **Chemistry and the Environment** focuses on the properties of solutions, acids and bases, and selected organic compounds; Unit C – **Electromagnetic Energy** focuses energy transmissions by means of electromagnetic waves; Unit D – **Energy and the Environment** focuses on the wide range of renewable and non-renewable energy resources to provide for ongoing energy needs.

BIOLOGY 20

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF SCIENCE 10 (60% RECOMMENDED) WITH A 60% MARK IN BIOLOGY UNIT

CONTENT: There are four units of studies in the new program: Unit A – **Energy and Matter Exchange in the Biosphere** focuses on biogeochemical cycles and energy transfer in the biosphere; Unit B – **Ecosystems and Population Change** focuses on a range of ecosystems and population change through natural selection; Unit C – **Photosynthesis and Cellular Respiration** focuses on metabolic processes and energy transformations in photosynthesis and cell respiration; Unit D – **Human Systems** focuses on metabolic equilibrium, energy and matter exchange, and defense mechanisms in the human body.

BIOLOGY 30

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF BIOLOGY 20 (60% RECOMMENDED)

CONTENT: The focus in Biology 30 is on understanding the biological principles behind the natural events that occur in the human body; and the human species as a biological entity as well as a cultural one with its associated technologies and societal values. Unit A: **The Nervous System and Endocrine System**; Unit B: **Reproduction and Development**; Unit C: **Cell Division, Genetics, and Molecular Biology**; Unit D: **Population and Community Dynamics**.

CHEMISTRY 20

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF SCIENCE 10 (RECOMMENDED: 60% IN SCIENCE 10 AND PURE MATH 10) WITH A 60% MARK IN THE CHEMISTRY UNIT

CONTENT: There are four main units in the new program: Unit A – **Diversity and Matter** which focuses on theories about bonding to the properties of matter, and develops explanations and descriptions of structure and bonding using scientific models; Unit B – **Forms of Matter: Gases** which focuses on matter, change and energy, and the explanation of molecular behavior using the models of the gaseous state of matter; Unit C – **Matter as Solutions, Acids, and Bases** which focuses on the nature of matter through an investigation of change in the context of solutions, acids, and bases; Unit D – **Quantitative Relationships in Chemical Changes** which focuses on stoichiometric principles and mathematical manipulation to predict quantities of substance consumed or produced in chemical reactions.

CHEMISTRY 30

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF CHEMISTRY 20 (RECOMMENDED: 60% IN CHEMISTRY 20 AND PURE MATH 20)

CONTENT: Chemistry 30 studies the interrelationships of equilibrium, energy, and changes affecting matter within a system. These concepts are covered in four major units: Unit A: **Thermochemical Changes**; Unit B: **Electrochemical Changes**; Unit C: **Chemical Changes of Organic Compounds**; Unit D: **Chemical Equilibrium Focusing on Acid-Base Systems**.

Theoretical applications, problem solving, as well as laboratory work are integral parts of this course. It is recommended that students taking this course have an average or above average skill in mathematics.

PHYSICS 20

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF SCIENCE 10 (RECOMMENDED: 60% IN SCIENCE 10 AND PURE MATH 10) WITH A 60% MARK IN THE PHYSICS UNIT

CONTENT: Physics 20, which consists of four major units, is an experimental and mathematical study of energy and its ability to change matter. Unit A, ***Kinematics***, examines the change in position and velocity for objects that undergo uniform motion and acceleration. Unit B, ***Dynamics***, examines the cause of motion and introduces gravitation. Unit C, ***Circular Motion, Work and Energy***, focuses on the study of uniform motion of objects in circular paths and energy transformations. Unit D, ***Oscillatory Motion and Mechanical Waves***, devotes a study to simple harmonic motion and the properties of mechanical waves.

PHYSICS 30

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF PHYSICS 20 (RECOMMENDED: 60% IN PHYSICS 20 AND PURE MATH 20)

CONTENT: Physics 30, which consists of four major units, is an experimental and mathematical study of energy and its ability to change matter. Unit A, ***Momentum and Impulse***, examines the further application of Newton's Second Law in collisions of masses. Unit B, ***Forces and Fields***, examines electric and magnetic forces and fields and their applications in technological devices. Unit C, ***Electromagnetic Radiation***, focuses a study of the nature and characteristics of electromagnetic radiation using the wave and photon models for light. Unit D, ***Atomic Physics***, devotes a study to the development and modification of models of the structure of matter.

GENERAL SCIENCES

SCIENCE 14

CREDITS: 5

PREREQ: NONE

CONTENT: Science 14 is designed to partially fulfill the science credit requirement to graduate with an Alberta High School Diploma. The course is composed of four units: A) ***Investigating Properties of Matter***; B) ***Understanding Energy Transfer Technology***; C) ***Investigating Matter and Energy in Living Systems***; D) ***Investigating Matter and Energy in the Environment***.

SCIENCE 24

CREDITS: 5

PREREQ: SUCCESSFUL COMPLETION OF SCIENCE 14 OR 40% IN SCIENCE 10

CONTENT: Science 24 is designed to complete the science credit requirement for graduation with an Alberta High School Diploma. The course is composed of four units: A) ***Applications of Matter and Chemical Change***; B) ***Understanding Common Energy Conservation Systems***; C) ***Disease Defense and Human Health***; D) ***Motion, Change and Transportation Safety***.

SECOND LANGUAGES

FRENCH 10

CREDITS: 5

PREREQ: NONE

CONTENT: French 10 is a beginner course in which all four language skills (speaking, listening, reading and writing) are equally emphasized through the study of thematic units. Grammar, culture and language acquisition skills will be developed to provide the student with a solid foundation in French. Those students who have only taken grades 4-6 French will be required to register in French 10.

FRENCH 20

CREDITS: 5

PREREQ: 50% MINIMUM IN FRENCH 10

CONTENT: Further emphasis is placed on the four skills (speaking, listening, reading and writing) through thematic units of study. Students having completed grade 9 French may bypass French 10 and register into French 20. It is recommended, however, that the student speak with the SCHS French teacher if there is any uncertainty.

FRENCH 30

CREDITS: 5

PREREQ: 50% MINIMUM IN FRENCH 20

CONTENT: This is the highest level of French taught at Sturgeon Composite High School. There is a continued emphasis on reading, writing, speaking and listening skills through thematic units. Upon successfully completing this course, students will have a good command of French, an excellent understanding of how the language works, and a solid foundation for post-secondary French studies.

GERMAN 10

CREDITS: 5

PREREQ: NONE

CONTENT: This is a beginner course. It is an audio-lingual course with initial stress on listening, speaking, and basic grammar concepts, accompanied by reading and writing. Dialogues and situations are based on the everyday activities of German youth. The textbook is complemented with new and innovative CD Roms, language disks and videos.

GERMAN 20

CREDITS: 5

PREREQ: 50% MINIMUM IN GERMAN 10

CONTENT: This course continues the basic skills of speaking, reading and writing. A broader examination of the language structure is undertaken. A youth-oriented cultural component is continued. The textbook is complemented with new and innovative CD Roms, language disks and videos.

GERMAN 30

CREDITS: 5

PREREQ: 50% MINIMUM IN GERMAN 20

CONTENT: Competence in speaking, reading, and writing is the aim of this course. This course is required for those who wish to pursue German at a post-secondary level. There is also a strong focus on German culture and geography. The textbook is complemented with new and innovative CD Roms, language disks and videos. This course is the equivalent of German 100 at the University of Alberta, and will enable students to speak German while traveling in German speaking countries.

SPANISH 10

CREDITS: 5

PREREQ: NONE

CONTENT: Spanish 10 is a beginner course in which all four language skills (speaking, listening, reading and writing) are equally emphasized through the study of thematic units. Grammar, culture and language acquisition skills will be developed to provide the student with a solid foundation in Spanish.

SPANISH 20

CREDITS: 5

PREREQ: 50% MINIMUM IN SPANISH 10

CONTENT: Spanish 20 is a continuation of the development of speaking, reading, writing and listening skills through thematic units. Students gain insight into how the language works as grammar and language acquisition skills become more advanced. Awareness of Hispanic cultures is also developed.

SPANISH 30

CREDITS: 5

PREREQ: 50% MINIMUM IN SPANISH 20

CONTENT: Spanish 30 students will continue to acquire proficiency in the four language skills through thematic units. By the end of this course, students will have studied most of the grammatical content featured in Spanish 100 at the University of Alberta, and will possess a verbal command strong enough to use while traveling in Spanish speaking countries.

write the AP exam in May of their Grade 12 year.

Students will earn 8 credits by completing two separate courses – Western Political thought (3 credits) and Social Studies 20-1 (5 credits). Throughout both courses, NATIONALISM is the main focus, in accordance with Alberta Curriculum standards.

SOCIAL STUDIES 10-1

CREDITS: 5

PREREQ: 65% MINIMUM IN SOCIAL STUDIES 9 OR SOCIAL STUDIES 10-2

CONTENT: Students will explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on lands, cultures, economies, human rights and quality of life. Students will examine the relationships among globalization, citizenship and identity to enhance skills for citizenship in a globalizing world. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and throughout the world, including the impact on Aboriginal and Francophone communities.

SOCIAL STUDIES 20-1

CREDITS: 5

PREREQ: MINIMUM 50% IN SOCIAL STUDIES 10-1 (60% RECOMMENDED)

CONTENT: Students will explore the complexities of nationalism in Canadian and international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international and global relations. The infusion of multiple perspectives will allow students to develop understandings of nationalism and how nationalism contributes to the citizenship and identities of peoples in Canada.

SOCIAL STUDIES 30-1

CREDITS: 5

PREREQ: MINIMUM 50% IN SOCIAL STUDIES 20-1 OR SOCIAL STUDIES 30-2 (60% RECOMMENDED)

CONTENT: Students will explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism. An analysis of various political and economic systems will allow students to assess the viability of the principles of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues. Social Studies 30-1 AP and Social Studies 30-1 students are combined into a regular Social Studies 30-1 class. Students who have completed the AP area of study in Social Studies 20-1 AP and AP History and wish to write the AP History exam in May, are expected to attend after-school review sessions, for two weeks prior to the exam, and must have an average of 80% in Social Studies 30-1 at the time of the AP exam registration in April. **NOTE: THE ALBERTA SOCIAL STUDIES 30-1 CURRICULUM MEETS ALL REQUIREMENTS TO SATISFY AP STANDARDS.**

SOCIAL STUDIES 10-2

CREDITS: 5

PREREQ: NONE

CONTENT: Students will explore historical aspects of globalization as well as the effects of globalization on lands, cultures, human rights and quality of life. Students will explore the relationships among globalization, citizenship and identity. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal and Francophone communities. Students will develop skills to respond to issues emerging in an increasingly globalized world.

SOCIAL STUDIES 20-2

CREDITS: 5

RETROACTIVE CREDIT POLICY: SEE PAGE 6

PREREQ: MINIMUM 40% IN SOCIAL STUDIES 10-1 OR 50% IN SOCIAL STUDIES 10-2

CONTENT: Students will examine historical and contemporary understandings of nationalism in Canada and the world. They will explore the origins of nationalism as well as the impacts of nationalism on individuals and communities in Canada and other locations. Examples of nationalism, ultranationalism, supranationalism and internationalism will be examined from multiple perspectives. Students will develop personal and civic responses to emergent issues related to nationalism.

SOCIAL STUDIES 30-2

CREDITS: 5

RETROACTIVE CREDIT POLICY: SEE PAGE 6

PREREQ: MINIMUM 40% IN SOCIAL STUDIES 20-1 OR 50% IN SOCIAL STUDIES 20-2

CONTENT: Students will examine the origins, values and components of competing ideologies. They will explore multiple perspectives regarding relationships among individualism, liberalism, common good and collectivism. An examination of various political and economic systems will allow students to determine the viability of the values of liberalism. Developing understandings of the roles and responsibilities associated with citizenship will encourage students to respond to emergent global issues.

C.T.S.

(CAREER AND TECHNOLOGY STUDIES)

Career and Technology Studies (CTS) is an elective program, composed of many strands, senior high students can use to explore their areas of interest, follow pathways which may lead to the work force or post-secondary education, or receive credentials such as a certificate or first year apprenticeship. Dependent upon adequate interest, Sturgeon Composite High School will offer strands in the following CTS areas this year:

Career Transitions (Yearbook)
Communications Technology
Construction Technology
Cosmetology Studies
Design Studies
Fabrication Studies (Welding)
Fashion Studies
Foods

Health Services (Early Childhood Asst.)
Health Services (Medical Studies)
Health Services (Sports Medicine)
Information Processing
Legal Studies
Management, Marketing, and Finance
Mechanics
Tourism and Transportation

A 3 credit strand will be made up of 3 one credit courses, a 5 credit strand would be made up of 5 one credit courses, and a 10 credit strand would be made up of 10 one credit courses. Students who successfully complete all of the required credits may have an opportunity to earn additional credits by completing additional courses.

Strands are composed of a safety component, a theory component (classroom work) as well as a practical component (hands-on). Generally, students must complete the safety and theory components before they are allowed to do the practical component. The amount of time spent on the safety and theory components varies from strand to strand.

YEARBOOK

CAREER TRANSITIONS (YEARBOOK) 10

CREDITS: 3 / 6

LEVEL: INTRODUCTORY

PREREQ: NONE

CONTENT: This program will provide students with an opportunity to work on the school yearbook. There is a multitude of learning experiences that include the following: writing articles, yearbook photographer, photography editor, layout editor, editor in chief, club reporter, sports reporter, data entry and graphic artist. The program is designed so that if it is taken over a series of years, the student will be able to experience all of the different available jobs and progress to a leadership position on the yearbook staff. This course is recommended for students with an interest in all aspects of print journalism.

CAREER TRANSITIONS (YEARBOOK) 20

CREDITS: 3 / 6

LEVEL: INTERMEDIATE

PREREQ: CAREER TRANSITIONS (YEARBOOK) 10

CONTENT: This program expands on yearbook 10.

CAREER TRANSITIONS (YEARBOOK) 30

CREDITS: 3 / 6

LEVEL: ADVANCED

PREREQ: CAREER TRANSITIONS (YEARBOOK) 20

CONTENT: This program expands on yearbook 20.

COMMUNICATION TECHNOLOGY

INTRODUCTORY COMMUNICATION TECHNOLOGY 10

CREDITS 4

LEVEL: INTRODUCTORY

Prerequisite: NONE

Based on interest, students complete three modules from the following offering: fundamentals of design, computer graphics, audio/video, animation, printing, and photography.

INTERMEDIATE COMMUNICATION TECHNOLOGY 20

CREDITS 5

LEVEL: INTERMEDIATE

Prerequisite: COMMUNICATION TECHNOLOGY 10

Based on interest and prerequisites students complete five modules from the following offering: audio and/or video preproduction, production, postproduction, photographic communication, intermediate animation, sign making, photographic composition, special effects photography, and digital imaging (Photoshop).

ADVANCED COMMUNICATION TECHNOLOGY 30

Credits: 5

LEVEL: ADVANCED

Prerequisite: COMMUNICATION TECHNOLOGY 20

Based on interest and prerequisites students complete five modules from the following offering: colour photography, lighting, advanced audio and video production, advanced audio recording, advanced printing, and advanced digital imaging.

CONSTRUCTION

CONSTRUCTION TECHNOLOGY 10

CREDITS: 5

LEVEL: INTRODUCTORY

PREREQ: NONE

FEE: \$40

CONTENT: This strand begins to teach the terminology, tools and processes common with the wood related trades. Students who complete this course will be able to safely use most hand and power tools related to wood and be able to design and build a variety of wood products. The emphasis for learning will be to learn practical skills in the shop. The ratio of theory to shop will be about 1/3 to 2/3.

Note: The first course covers safety and tools and is a prerequisite for every other course in this strand. Safety glasses, tape measure, ring binder and a pencil are required on the first day of classes.

CONSTRUCTION TECHNOLOGY 20

CREDITS: 10

LEVEL: INTERMEDIATE

FEE: \$80

PREREQ: MINIMUM 50% IN CONSTRUCTION TECHNOLOGIES 10 (5 CREDITS)

CONTENT: This strand runs for 2 - 80 minute blocks. 1/3 of the course is used for the theory and 2/3 is used to give practice applying that theory. Students will be doing some customer orders in order practice some of the theory topics.

Cabinetmaking and furniture making are explored in more depth than at the 10 level. The topics of house framing, surveying, and some concrete work will be explored as well.

Note: Safety glasses, tape measure, ring binder, carpenter's apron and a pencil are required on the first day of classes. Courses will be chosen for the program depending on the customer work available.

CONSTRUCTION TECHNOLOGY 30

CREDITS: 10

LEVEL: ADVANCED

PREREQ: MINIMUM 50% IN CONSTRUCTION TECHNOLOGIES 20 (10 CREDITS)

FEE: \$80

CONTENT: This strand runs for 2 - 80 minute blocks and deals with more advanced topics of building construction and furniture and cabinetmaking. The ratio of class theory to shop practice will be about 1/3 to 2/3. There will be some customer service work in order to provide students experience with some of the topics. **Note: Safety glasses, tape measure, ring binder, carpenter's apron and a pencil are required on the first day of classes.** Courses will be chosen for the program depending on the customer work available.

COSMETOLOGY

COSMETOLOGY 10

CREDITS: 5

LEVEL: Introductory

PREREQ: NONE

FEE: \$40 - Includes hairstyling kit

CONTENT: This introductory level of Cosmetology introduces the student to field of hairstyling. It develops a foundation in various basic hairstyling techniques, safety and sanitation and introduces salon skills and professionalism.

COSMETOLOGY 20

CREDITS: 10 - 15

LEVEL: INTERMEDIATE

PREREQ: SUCCESSFUL COMPLETION OF COSMETOLOGY 10

FEE: \$80 - Includes the Salon Fundamentals Study Guide

CONTENT: At the Intermediate level students are introduced to customer service in the salon. Skills to be developed include haircutting, hair colouring, chemical texturizing, and advanced hairstyling. The number of credits the student earns is dependant upon their participation and enthusiasm in developing a client base. Students are required to purchase scissors which are available through the Cosmetology lab.

COSMETOLOGY 30

CREDITS: 10 - 15

LEVEL: ADVANCED

PREREQ: SUCCESSFUL COMPLETION OF COSMETOLOGY 20

FEE: \$80 - Salon Fundamentals Study Guide used in Cosmetology 20 will be used

CONTENT: The advanced level Cosmetology student further develops client service skills from the previous levels as well as performing more advanced cutting, colouring and texturizing services. This level introduces basic skin care, makeup and hair removal. The number of credits the student earns is dependant upon their participation and enthusiasm in developing a client base.

Completion of 50 prescribed credits in Cosmetology meets the requirements of the Alberta Apprenticeship Board. For trade certification students are required to complete 2100 hours as a registered apprentice in a salon and pass the written and practical apprenticeship exams to attain Journeyman certification.

DESIGN STUDIES

DESIGN STUDIES 10

CREDITS: 5

LEVEL: INTRODUCTORY

PREREQ: NONE

CONTENT: The Design Studies strand engages students in the creative process of conceiving, producing and evaluation products, services and systems in a variety of contexts and situations, with the overall objective of improving the human condition. Areas of study available to students include two- and three-dimensional design, drafting for design and technical drawing, living environments (environmental, architectural and interior design), and the history and business of design

DESIGN STUDIES 20

CREDITS: 5

LEVEL: INTERMEDIATE

PREREQ: SUCCESSFUL COMPLETION OF DESIGN STUDIES 10

CONTENT: This program expands on design studies 10.

DESIGN STUDIES 30

CREDITS: 5

LEVEL: INTERMEDIATE

PREREQ: SUCCESSFUL COMPLETION OF DESIGN STUDIES 20

CONTENT: This program expands on design studies 20.

FABRICATION STUDIES (Welding)

FABRICATION STUDIES 10

CREDITS: 5

LEVEL: INTRODUCTORY

PREREQ: NONE

FEE: \$40

CONTENT: This is a practical introduction to metal construction and fabrication with emphasis on developing safe workplace skills. Students are given the opportunity to practice both gas and arc welding. Students will participate in project planning and building.

Note: The first course covers safety and tools and is a prerequisite for every other course in this strand.

Safety gear (coveralls, footwear and safety glasses) will be required.

FABRICATION STUDIES 20

CREDITS: 10

LEVEL: INTERMEDIATE

PREREQ: SUCCESSFUL COMPLETION OF FABRICATION STUDIES 10 (5 CREDITS)

FEE: \$80

CONTENT: This program is intended for students who want to develop advanced welding skills and possibly seek a career in welding. All ten courses are taken concurrently and the emphasis is on project design and construction. **Note: Safety gear (footwear and safety glasses) will be required.**

FABRICATION STUDIES 30

CREDITS: 10

LEVEL: ADVANCED

PREREQ: SUCCESSFUL COMPLETION OF FABRICATION STUDIES 20 (10 CREDITS)

FEE: \$80

CONTENT: This program is intended for students who want to develop workplace standards in welding. All ten courses are taken concurrently and will include an off-campus placement. Students who successfully complete this program may continue into apprenticeship. **Note: Safety gear (footwear and safety glasses) will be required.**

FASHION STUDIES

FASHION STUDIES 10

CREDITS: 3 OR 5

LEVEL: INTRODUCTION

PREREQ: NO PREVIOUS SEWING EXPERIENCE NECESSARY

FEE: \$40

CONTENT: This program is designed to provide basic knowledge and skills in the areas of fashion, designing, sewing and use of related equipment. Students will learn some of the basics of constructing a garment using a commercial pattern, with a selected number of skills. The students will be given an opportunity to choose courses to create and illustrate their own original home and personal designs from the following list of courses. **Note: The first course covers safety and tools and is a prerequisite for every other course in this strand.**

FASHION STUDIES 20

CREDITS: 3 OR 5

LEVEL: INTERMEDIATE

PREREQ: SUCCESSFUL COMPLETION OF FASHION STUDIES 10 (3 CREDITS)
(PREREQUISITE COURSES, FAS1030, FAS1040, AND WHERE THEY APPLY)

FEE: \$40

CONTENT: Intermediate level strands help students build on the knowledge and skills developed in Fashion Studies 10 and focus on developing more advanced knowledge and skills. Students will choose from courses that provide a broader perspective to many career areas of fashion. Students will become aware of a wide range of fashion related career opportunities including merchandising, design and sewing construction.

FASHION STUDIES 30

CREDITS: 3 OR 5

LEVEL: ADVANCED

PREREQ: SUCCESSFUL COMPLETION OF FASHION STUDIES 20 (3 CREDITS)
(PREREQUISITE COURSES, WHERE THEY APPLY)

FEE: \$40

CONTENT: Fashion Studies 30 provides students the opportunity to concentrate in an area of personal interest. Strands selected by the student will help them develop advanced skills for future career opportunities.

FOODS

FOODS 10

CREDITS: 5

LEVEL: INTRODUCTORY

PREREQ: NONE

FEE: \$40

CONTENT: The Foods strand helps students develop an appreciation for: the nature of food, nutrition and health, management, safety, sanitation and equipment, preparation of food, presentation and service, consumerism/food selection, multicultural aspects of food, and food ecology. Introductory courses are developed for students who have little or no previous experience in foods.

Note: The first course covers safety and equipment and is a prerequisite for every other course in this strand

FOODS 20

CREDITS: 5

LEVEL: INTERMEDIATE

PREREQ: SUCCESSFUL COMPLETION OF FOODS 10 (3 CREDITS) INCLUDING FOD1010

FEE: \$40

CONTENT: These strands help students build on the competencies developed at the introductory level and focus on

developing more complex competencies. They provide a broader perspective, helping students recognize the wide range of related career opportunities available in the foods area.

FOODS 30

CREDITS: 5

LEVEL: ADVANCED

PREREQ: SUCCESSFUL COMPLETION OF FOODS 20 (3 CREDITS)

FEE: \$40

CONTENT: These strands demand a high level of expertise and help prepare students for entry in the workplace or a related post-secondary program.

FOODS - CULINARY ARTS 10

CREDITS: 5

LEVEL: INTRODUCTORY

PREREQ: NONE

FEE: \$40

CONTENT: Foods-Culinary Arts is designed for students who wish to develop a knowledge and understanding of food preparation, not only for themselves but also for mass food production, with a creative flare. Students will learn basic food production; they will cook mainly for themselves and do some preparation for the cafeteria. The course is designed to be 30-40% theory and 60-70% food preparation. Students will prepare sandwiches and salads of all types, basic desserts and cookies, breakfast foods and lunches for personal use as well as in large commercial quantities. There is an emphasis and opportunity to continue on in the food industry.

FOODS - CULINARY ARTS 20

CREDITS: 5 OR 10

LEVEL: INTERMEDIATE

FEE: \$40 - PER SEMESTER

PREREQ: CULINARY ARTS 10

CONTENT: This strand introduces students to food preparation on a commercial scale. Students will prepare all types of breads and buns, pastries, and also creative cold foods, or prepare vegetables, stocks, soups, simple sauces and meat dishes. There are several possibilities students will choose from:

FOODS - CULINARY ARTS 30

CREDITS: 5 OR 10

LEVEL: ADVANCED

PREREQ: FOODS 20 OR FOODS-CULINARY ARTS 20

FEE: \$40 - PER SEMESTER

CONTENT: This strand is a continuation of work begun in Foods-Culinary Arts 10-20. Emphasis will be placed on gaining either more in-depth knowledge of baking and cake decorating, or the cooking of meat and seafood, and on the preparation of a variety of soups and sauces. There are several possibilities students will choose from:

FOODS – LUNCH

CREDITS: 2 OR 4

PREREQ: NONE

CONTENT: Students have the opportunity to earn extra credits by working in the fast-paced cafeteria. **NOTE: 1-45 MINUTE LUNCH PER WEEK = 1 CREDIT**

INFORMATION PROCESSING

INFORMATION PROCESSING

CREDITS: 3-5

LEVEL: INTRODUCTORY, INTERMEDIATE & ADVANCED

CONTENT: Students will be offered a choice of strands, ranging from basic to advanced, that include the following kinds of choices: Word Processing, Spreadsheets, Database, Computer Operations, Object-Orientated Programming, Information Highway, Multimedia Authoring and Desk Top Publishing. Students may work at their own rate and progress through the

topics of their own choosing.

LEGAL STUDIES

LEGAL STUDIES

CREDITS: 5

PREREQ: NONE

CONTENT: By presenting students with basic and practical information, the Legal Studies strand helps students develop the knowledge, skills and attitudes required to respond appropriately to the influences of law in their daily lives. The intermediate and advanced level strands give a broader perspective as students' research challenging issues and career-related opportunities.

MANAGING, MARKETING AND FINANCE

MANAGEMENT, MARKETING AND FINANCE

CREDITS: 3 OR MORE

PREREQ: NONE

CONTENT: Students learn by completing practical simulations and investigating current business practice as well as investigating current thinking on management and marketing techniques. Interviews with business people expose the students to a range of thinking. This strand provides excellent preparation for post-secondary business administration or management training.

MECHANICS

Mechanics 10

CREDITS: 6

PREREQ: NONE

FEE: \$40

MATERIALS: Coveralls, safety glasses, steel-toed work shoes/boots.

CONTENT: Mechanics 10 is an introductory course designed to expose students to a variety of topics in Automotives. The course consists of 6 modules at the introductory level and students will spend time in both theory and the shop. Students will gain experience that will allow them to become informed owner-operators of vehicles. Students will also gain trade-relevant skills, behaviors, and attitudes required in the automotive industry.

Mechanics 20

CREDITS: 12

PREREQ: 6 modules at the Mechanics 10 level

FEE: \$80

MATERIALS: Coveralls, safety glasses, steel-toed work shoes/boots

CONTENT: Mechanics 20 consists of 12 modules at the intermediate level. In addition to theory, students will gain a significant amount of experience in the shop working on customer vehicles in a "real world" shop environment for a growing customer base. Mechanics 20 is offered as two 86 minute blocks every day for one semester. Students will also have the opportunity to work on their own vehicles as well as a school-based project vehicle. Top achievers will be considered for the Skills Canada Automotive Service competition. There are high expectations for student participation and attendance.

Mechanics 30

CREDITS: 12

PREREQ: Minimum 10 credits at the Mechanics 20 level

FEE: \$80

MATERIALS: Coveralls, safety glasses, steel-toed work shoes/boots.

CONTENT: Mechanics 30 consists of 12 modules at the senior level. Students will continue to gain experience working on customer vehicles performing a variety of services and repairs. Mechanics 30 consists of two 86 minute blocks every day for one semester. Top achievers will be considered for the Skills Canada Automotive Service competition. In addition to customer work, students will also work on a school-based project vehicle in order to expose them to the "enthusiast" side of automotives. Students also have the opportunity to work on their own vehicles. As with Mechanics 20, there are high expectations for student participation and attendance.

***NEW: First Year Automotive Service Technician Apprenticeship Program (AST)**

PREREQ: None

FEE: TBA

MATERIALS: AST First Year ILMS (Individual Learning Modules- available through school), coveralls, safety glasses, steel-toed work shoes/boots.

CONTENT: New at Sturgeon Composite High School is the opportunity for students to write the First Year Automotive Service Technician Exam with Alberta Apprenticeship and Industry Training. This course is designed for students who are interested in pursuing a career in the automotive industry. The course consists of 11 ASA 3400 modules scheduled for two 86 minute blocks for 16 weeks. The ASA 3400 modules are the same modules offered in the NAIT and SAIT Automotives program. Upon successful completion of all 11 modules, students will write the First Year AST exam. Students are also encouraged to register as RAP (Registered Apprentice Program) students in order to obtain the required hours for First Year AST. All Apprenticeship and Industry Training rules and guidelines apply. For additional information, go to www.tradesecrets.org. An information meeting will be held in early spring. Interested students and parents are encouraged to attend. Check the Sturgeon Composite High School website and newsletter for the date and time.

TOURISM & TRANSPORTATION

TOURISM

CREDITS: 3 OR MORE

LEVEL: INTRODUCTORY/INTERMEDIATE/ADVANCED

PREREQ: NONE

CONTENT: The Tourism Studies strand helps students become aware of the economic, social and environmental impact of tourism in Alberta. Students develop the knowledge and skills required in the tourism industry, by engaging in tourism-related activities.

****HEALTH PATHWAYS****

We have completed the pilot program for this strand and Health Pathways is now a regular CTS strand.

Early Childhood Assistant Program

CREDITS: 10

LEVEL: INTERMEDIATE

PREREQ: NONE

FEE: Under review

CONTENT: This program is designed for students who are interested in pursuing a career in childcare, and has both a classroom and practicum component (two half-days a week in a daycare setting). Students will have the opportunity to obtain a Level One Child Development Assistant Certificate and a First Aid in Childcare Certificate upon successful completion of this course. A security check is also required of students prior to beginning their practicum experience. This experience and certification are also valuable for students looking at becoming teachers, educational assistants, family support workers, and social workers. **NOTE: STUDENTS MUST BE 16 YEARS OLD TO RECEIVE THEIR LEVEL ONE CHILD DEVELOPMENT ASSISTANT CERTIFICATE (Applications will be sent out the month following their birthday if students are not 16 at the time of course completion).**

MEDICAL STUDIES 10

CREDITS: 10

PREREQ: none

LEVEL: Introductory

FEE: TBA

Content: This introductory course is for students who have an interest in pursuing a career in the medical field; licensed practical nurse, registered nurse, nursing assistant, doctor. This program has a classroom component and a practicum component which includes Standard First Aid.

MEDICAL STUDIES 20/30

CREDITS: 10
PREREQ: Medical Studies 10
LEVEL: Intermediate/ Advanced
Fee: TBA

Content: This intermediate/ advanced course further expands on skills learned in Medical Studies 10. This program includes a classroom and a practicum component. Students will further their experience by volunteering and touring various health facilities.

SPORTS MEDICINE

The Sports Medicine Program offer a foundation for those students who are interested in such careers as Athletic Therapy, Physiotherapy, Occupational Therapy, Sports Medicine, Physician, Kinesiology, Pro Athlete/Coach, Firefighter, Paramedic (EMR/EMT), Fitness Instructor, Massage Therapy or any other of the many Medical and Sport Sciences. Students will have the opportunity to develop training-room operations, taping and wrapping skills, athletic injury assessment, use of heat and cold modalities, recordkeeping, and experience as an athletic trainer. Upon completion of the Sports Medicine Program, students can apply for certification from the Sports Medicine Council of Alberta in Athletic Injury Management, Sport Taping & Strapping, & Sport Nutrition Level 1. Students can also earn certification of First Aid & CPR with AED after completing Sports Medicine 25.

SPORTS MEDICINE 10

CREDITS: 5
LEVEL: INTRODUCTORY
PREREQ: NONE
FEE: Under Review

CONTENT: Sports Medicine 15 introduces students to general health & wellness, human anatomy, prevention, treatment and rehabilitation of injuries, and sport psychology.

SPORTS MEDICINE 20

CREDITS: 5
LEVEL: INTERMEDIATE
PREREQ: SPORTS MEDICINE 15
FEE: Under Review

CONTENT: Sports Medicine 25 will continue to build on the skills learned in Sports Medicine 15 and will look at the cardiovascular system, sport nutrition, injury prevention and management, and sport psychology.

SPORTS MEDICINE 30

CREDITS: 5
LEVEL: ADVANCED
PREREQ: SPORTS MEDICINE 25
FEE: Under Review

CONTENT: Sports Medicine 35 will continue to build on the skills learned in Sports Medicine 25 & 15 and will look at biomechanics of the human body, training and conditioning techniques, sport psychology, and injury prevention and management.

OTHER COURSES

REGISTERED APPRENTICESHIP PROGRAM (R.A.P.) 15, 25, 35

CREDITS: MINIMUM OF 5 AND A MAXIMUM OF 40
PREREQS: CAREER TRANSITIONS 1010 AND CAREER TRANSITIONS 1210

CONTENT: Sturgeon Composite High School's innovative Registered Apprenticeship Program allows full-time high school students to begin an apprenticeship training program as early as grade 10, earning credit toward both a high school diploma and an apprenticeship program at the same time. This program provides students with different options for their future careers. For every 125 hours the student works under R.A.P., he/she receives 5 credits. Students may not commence this course until approval has been received for the work site and all necessary documentation is completed.

WORK EXPERIENCE 15, 25, 35

CREDITS: 3-10 FOR EACH OF WORK EXPERIENCE 15, 25, AND 35

PREREQ: CAREER TRANSITIONS 1010 - JOB PREPARATION

CONTENT: Work Experience is employment undertaken by a student as a part of a planned school program which is under the cooperative supervision of a teacher-coordinator and the employer. Credits may be earned to a maximum of fifteen credits per student on the basis of a student's performance in 62.5 hours work for 3 credits, 125 hours work for 5 credits, 250 hours work for 10 credits and 375 hours work for 15 credits. Consideration is given to placing students in work environments related to careers they may be exploring. Students will gain an understanding of the world of work and of a particular occupation. Students may not commence this course until approval has been received for the work site and all necessary documentation is completed. **NOTE: THE NUMBER OF WORK EXPERIENCE CREDITS THAT A STUDENT MAY COUNT TOWARD A HIGH SCHOOL DIPLOMA WILL BE LIMITED TO 15.**

KNOWLEDGE & EMPLOYABILITY COURSES

The Knowledge & Employability Program (FORMERLY THE INTEGRATED OCCUPATIONS PROGRAM) is designed for students who are interested in pursuing a vocational career or require additional support to meet the requirements for achieving a high school diploma. If you would like more information, please contact the school.

The Knowledge & Employability Program focuses on three areas to help support students.

1. Content emphasis in each course is on the basic skills essential to becoming responsible members of society.
2. All learning in the core or academic subjects begins at the concrete level. Instruction in any skill begins with reference to real-life applications. All learning in core subjects is deliberately reinforced and applied in the vocational courses.
3. There is an emphasis on appropriate teaching strategies to suit the unique learning needs of students enrolled in this program.

NOTE: STUDENTS ENROLLED IN THE KNOWLEDGE & EMPLOYABILITY PROGRAM DO NOT NEED TO BE FULLY REGISTERED IN THIS PROGRAM AND MAY REGISTER FOR REGULAR COURSES AS WELL. EACH STUDENT'S TIMETABLE IS STRUCTURED TO BEST MEET THEIR INDIVIDUAL NEEDS AND ABILITIES.

CHALLENGE PROGRAM

The Challenge Program at Sturgeon Composite High School is a non-credit program designed for students from the Junior Challenge programs at Camilla, Gibbons and Guthrie. Students must be recommended for this program through the direction of Student Services for Sturgeon School Division. Individual program plans are developed for each student in consultation with parents and students. The emphasis is on practical academics, vocational skills and life skills. Courses which are offered throughout the student's high school years include: Communication, Computation, Vocational Skills and Living Skills including lunch preparation and grocery shopping and Physical Education. Students are integrated into regular options on an individual basis which recognizes student interests and necessary supports. Students are also involved in community programming activities such as banking, and gaining familiarity with community services. Recreational activities such as swimming, golfing and dancing are also offered.

The general vocational skills taught during Semester 1 are reinforced and extended during Semester II. Students complete a work experience component at job sites located in St. Albert. Sites are selected based upon student interest, accessibility, relevance for future plans, and availability of necessary supports. The staff at Sturgeon Composite High School transport students to and from work and provide support where needed. **Note: For further information, consult the Challenge Program Handbook.**

PROGRAM PLANNING

POST-SECONDARY GOALS (Check One)

APPRENTICESHIP
 BUSINESS PROGRAM
 UNIVERSITY

INSTITUTE OF TECHNOLOGY
 COMMUNITY COLLEGE
 OTHER (SPECIFY)

CAREER GOALS

1. To work? **Y / N** (circle one)
 What occupation? _____
2. Further Education? _____ Where? _____
 What faculty or program? _____
 Subjects for Entrance: _____
3. If you are not certain, what general area would interest you? _____

GRADE 9	GRADE 10	GRADE 11	GRADE 12
LA 9 _____	English _____	English _____	English _____
Soc. St. 9 _____	Social _____	Social _____	Social _____
	_____	_____	_____
Math 9 _____	Math _____	Math _____	_____
Science 9 _____	Science: _____	Science _____	_____
	_____	_____	_____
	_____	_____	_____
	_____	_____	_____
		CALM 20 _____	
		OPTIONS	OPTIONS
PHYS. ED. 9 _____	PHYS. ED. _____	_____	_____
OTHER OPTIONS	OTHER OPTIONS	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
	TOTAL CREDITS _____	TOTAL CREDITS _____	TOTAL CREDITS _____
	(40 credits min.)	(35 credits min.)	(30 credits min.)

TOTAL HIGH SCHOOL CREDITS _____

ALBERTA HIGH SCHOOL DIPLOMA GRADUATION 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 post-secondary institutions and workplaces may require additional and specific courses.

100 CREDITS Including the following:

ENGLISH LANGUAGE ARTS – 30 LEVEL
(English Language Arts 30-1 or 30-2)

SOCIAL STUDIES – 30 LEVEL
(Social Studies 30-1 or 30-2)

MATHEMATICS – 20 LEVEL¹
(Applied Mathematics 20 or Pure Mathematics 20 or Mathematics 24)

SCIENCE – 20 LEVEL²
(Science 20, Science 24, Biology 20, Chemistry 20 or Physics 20)

PHYSICAL EDUCATION 10 (3 CREDITS)

CAREER AND LIFE MANAGEMENT (3 CREDITS)

10 CREDITS IN ANY COMBINATION FROM:

- Career and Technology Studies (CTS)
- Fine Arts
- Second Languages³
- Physical Education 20 and/or 30⁴
- Locally developed/acquired and locally authorized courses in CTS, fine arts or second languages
- Two 30-level course from any Knowledge & Employability Program cluster or
- Two 35-level courses from any trade in the Registered Apprenticeship Program

10 CREDITS IN ANY 30-LEVEL COURSE⁵ (IN ADDITION TO A 30-LEVEL ENGLISH LANGUAGE ARTS AND A 30-LEVEL SOCIAL STUDIES COURSE AS SPECIFIED ABOVE)

- Locally Developed/Acquired and Locally Authorized Courses
- 3000 Series; Advanced Level in Career and Technology Studies Courses
- 35-level Work Experience⁶
- two 30-level Knowledge & Employability Program Course
- two 35-level courses from any trade in the Registered Apprenticeship Program
- two 30-level courses from any Green Certificate Specialization

- 1 For students who entered Grade 10 before September 1998, the mathematics requirement—Mathematics 20 or 23 or 24—may also be met with any 10-credit combination of mathematics courses that includes either Mathematics 13 or Mathematics 10; e.g., Mathematics 10 and Mathematics 14. Students may also use Pure Mathematics 10, Applied Mathematics 10, Mathematics Preparation 10 (5 credits) in conjunction with Mathematics 10 or Mathematics 13 to meet this requirement.
- 2 The science requirement—Science 20 or 24 or Biology 20 or Chemistry 20 or Physics 20—may also be met with any 10-credit combination of science courses that includes Science 10 and 14.
- 3 Students may earn any number of credits in each second language, but only 25 credits in each second language studied may be used to meet the 100-credit requirement for the Alberta High School Diploma.
- 4 Students entering Grade 10 in the 1998-1999 school year and subsequent school years will be able to use Physical Education 20 and/or 30 to meet this 10-credit requirement.
- 5 Students enrolled in the Knowledge & Employability Program who wish to transfer to an Alberta High School Diploma route at any time must meet the requirements outlined in the box on the previous page. Two 30-level course (10 credits) from any Knowledge & Employability cluster or 10 credits from any Green Certificate Specialization or two 35-level RAP courses is acceptable for students transferring from the Knowledge & Employability Program to the Alberta High School Diploma Program in order to meet the 10-credit requirement in any 30-level courses.
- 6 Students may earn any number of credits in work experience, but only 15 credits may be used to meet the 100-credit requirement for the Alberta High School Diploma.

FURTHER NOTES:

- For 30-level courses that have a diploma examination, the final course mark consists of an average of the school-awarded mark and the diploma examination mark.
- Students in Francophone programs should consult the Alberta High School Diploma Graduation Requirements for French First Language-Francophone in this Guide.
- Mature students should consult the Mature Students section in this Guide for applicable graduation requirements.