

STRATHCONA CHRISTIAN ACADEMY

REGISTRATION HANDBOOK



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A Message from our Principals

OUR MISSION....

To challenge students, through Christ-centered education, to know Jesus Christ as Saviour and Lord in order to pursue a life of godly character, personal and academic excellence and service to others.

Welcome to another year at Strathcona Christian Academy Secondary School. Being a student at a Christian school is a privilege but it carries with it some responsibilities. The following phrases from our mission statement are reminders of what it means to be a student in a Christian school.

Christ-centered education

We teach the Alberta curriculum from the Biblical worldview with the understanding that Jesus Christ is the creator and sustainer of all things. Our desire is that each of our students would develop the ability to think and live Biblically and to apply the Christian worldview to all areas of their lives.

Knowing Jesus Christ

We understand that we are created to know and to love God by entering into a personal relationship with Jesus Christ. Each student will have an opportunity to make that all important decision if they have not already done so.

Godly character

Our programs and staff are selected carefully so that each student will be instructed in godliness and have opportunities to form strong Christian character.

Excellence in academics

A goal of our school is to challenge students to excel in their academics as a means of glorifying God and of preparing for their future.

Service to others

We provide programs whereby students may serve: at our school, in churches, in the community, and on school mission trips. We also encourage students to pursue summer missions and ministry.

Strathcona Christian Academy Secondary School strives to meet the needs of individual students by enabling each student to pursue excellence, to experience success, and to realize his/her potential in each course and school activity. Every effort is made to organize the curriculum to enable each student to achieve his/her educational goals and to develop interests, skills and abilities in a variety of curricular and extra-curricular areas.

Besides offering a strong academic program, our school offers Bible instruction, fine arts, second languages, leadership training and career and technology courses. These courses are available to all students and include special opportunities in art, drama, music, French, computer studies, fashion studies, communication technology, Bible, leadership training and athletics. Each year opportunities for Christian service and missions are part of our programming.

At Strathcona Christian Academy Secondary School we are committed to the fulfillment of all aspects of our mission statement in the lives of each of our students. Our greatest desire is to see our students seek after God in greater depth, desiring the "heart of God".

Mr Schaar, Principal
Mr Merta, Assistant Principal
Mr. Elzinga, Assistant Principal

**JUNIOR HIGH REGISTRATION
COURSE OFFERINGS**

GRADE 7

Christian Studies & Living
 Language Arts
 Mathematics
 Science
 Social Studies
 Physical Education
 Computer Studies
 Art
 Band
 French
 Drama
 Fitness & Wellness

GRADE 8

Christian Studies & Living
 Language Arts
 Mathematics
 Science
 Social Studies
 Physical Education
 Computer Studies
 Art
 Band
 French
 Construction
 Drama
 Film Productions
 Fitness & Wellness
 Foods and Fashion
 Photo

GRADE 9

Christian Studies & Living
 Language Arts
 Mathematics
 Science
 Social Studies
 Physical Education
 Computer Studies
 Athletic Leadership
 Art
 Band
 Construction
 Drama
 Film Productions
 French
 Foods and Fashion
 Leadership
 Tech App Savvy

Most option courses are assessed fees. Course offerings are based on student enrolment, staffing availability, and timetabling.

COURSE DESCRIPTIONS

The following course descriptions are included in the Junior High Handbook to assist students and parents in understanding general course content and requirements. Information not covered below will be included in Course Syllabi issued in early September. All courses in Strathcona Christian Academy are instructed from the Christian world view, with teachers integrating academic curriculum with the biblical view of life and learning.

BIBLE (Christian Studies & Living) CURRICULUM

The Junior High Bible Program is scoped and sequenced in such a way as to lay foundations in Bible content as well as in understanding the nature of God, the history of the faith and the hope of eternity. Each grade's program builds on the prior understandings and content of the previous grade's teaching. Therefore, in:

Grade 7	Covenant	...Coming to Faith...
		An Old Testament Survey with specific emphasis on Genesis leads students to an understanding of our covenant-making God. (Health and Life Skills Concepts integrated)
Grade 8	Redemption	...Meeting Christ...
		A New Testament survey with specific emphasis on the Gospel of John leads students to an understanding of and opportunity for Jesus Christ as Lord and Savior. (Health and Life Skills Concepts integrated)
Grade 9	Salvation/discipleship	...Growing in Christ...
		A thorough study of the Life of Christ is the foundation for this course. Special emphasis is placed on having students apply Christ's teachings to their lives. Students will be able to affirm their personal salvation and consider seriously the call to live out their salvation. (Health and Life Skills Concepts integrated)

GRADE SEVEN COURSE DESCRIPTION

BAND 7

This course introduces the students to the world of instrumental music. Students may begin the year on flute, clarinet, alto/tenor saxophone, trumpet, French horn, euphonium trombone, or tuba, with auditions for oboe, bass clarinet, baritone saxophone, and percussion occurring in late December. Students will learn to play their instruments, read musical notation and develop their aural skills. Different styles of music will be explored and performances in a variety of band settings will be available.

Participation in all band performances, concerts and festivals is a regular and compulsory part of this course. All pertinent dates will be supplied in the band handbook in September

Students are responsible for renting or purchasing the appropriate instrument and **cleaning supplies** from a recognized music store. Questions regarding instrument quality and recommended stores will be addressed at the June Rental Night.

CHRISTIAN STUDIES & LIVING 7

This course takes the students on a survey of the Old Testament. It begins with the creation of the world and shows the heart and plan of God in dealing with man's problem - sin. The selection, protection, and direction of the Israelites, God's chosen people, is traced, showing His purpose for them and for all mankind. Lessons for living focus on principles essential for our physical, mental, social, emotional and spiritual well-being. Required Bible memory includes the books of the Old Testament as well as key passages and verses. Class Christian service projects provide opportunities for students to live out their faith.

COMPUTER STUDIES 7

The Information and Communication Technology (ICT) curriculum covers the nature of technology, how to use and apply a variety of technologies, and the impact of ICT on the individual and society.

The units covered are Computer Operations, Alphabetic Keyboarding, Word Processing, Power Point, Hyperstudio, The Internet, and Societal Issues.

FRENCH 7

This course concentrates on a basic understanding of the French language. Students learn basic grammar as well as specific vocabulary themes throughout the year. Listening comprehension, speaking, reading and writing are stressed as well.

HEALTH 7 (Christian Studies and Living)

See Christian Studies and Living 7

LANGUAGE ARTS 7

The Language Arts program is comprised of seven strands: speaking, listening, viewing, writing, reading, representing and metacognition. These will be experienced within the areas of Written Language and Literature Appreciation (Short story, novel, poem). Grammar, sentence patterns, sources of information, summarizing, paragraph construction, report writing, and composition writing will be studied. Students will also participate in public speaking, oral reading, and other enrichment activities.

Texts: The Hiding Place

I am David

Variety of Short Stories & Poems

Perspectives I

MATH 7

This course is based on the Western Canadian Protocol/Alberta Program of Studies, June 1996. It covers the four major strands and sub strands which include: Number Concepts, Number Operations, Patterns, Variables, Equations, Measurement, 3-D Objects 2-D Shapes, Transformations, Statistics, Probability, Data Analysis, Chance and Uncertainty. The processes of learning that will be utilized are: oral & written communication, connections, estimation, mental mathematics, problem solving, reasoning, technology and visualization.

Text: Math Power 7, McGraw-Hill Ryerson



PHYSICAL EDUCATION 7

The aim of physical education is to develop an individual in the realms of physical, mental, social, emotional and spiritual growth. Through participating in a variety of activities, the individual student will gain a knowledge and understanding of the importance of physical activity and fitness, and develop an interest in physical activity as an essential component of an active, healthy lifestyle. This is achieved through a medium of carefully selected physical activities: fitness, team games, individual activities, gymnastics, track and field and student options. Leadership skills are taught and developed. (PE Attire required).

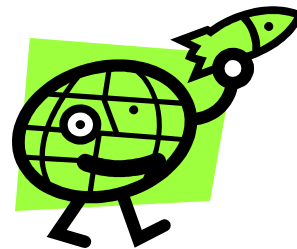
Badminton Racket required:



SCIENCE 7

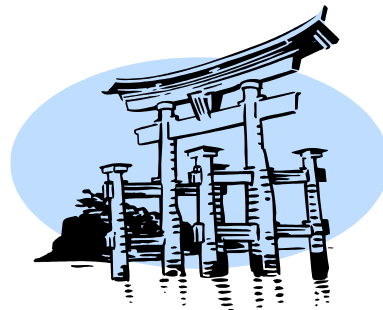
The grade 7 science program emphasizes 4 major areas: science, technology and society (STS), knowledge, skills and attitudes. From these perspectives students examine, Ecosystems, Food and Fibre, Heat and Temperature, Structures and Forces and Planet Earth. "Included in this course is a unit on the origins of life."

Text: Science Focus 7



SOCIAL STUDIES 7

The grade 7 social studies program will explore the origins, histories and movement of the people who forged the foundations of Canadian Confederation. They will examine how the political, demographic, economic and social changes that have occurred since Confederation have influenced ways in which contemporary Canada has evolved.



GRADE EIGHT COURSE DESCRIPTIONS

ART 8

In this course, students will gain a basic understanding of the elements of art (line, colour, texture, shape, form, space, and value) and the principles of design (rhythm & movement, balance, proportion, variety, and harmony & unity). Students will learn basic drawing skills and methods by studying classic illustrations. The majority of this course is spent on drawing, but students will also have an opportunity to work with paint and with clay.

Students will be given a list of supplies (some mandatory, some optional) that they will need to purchase. The course fees cover supplies that will be provided, such as clay.

BAND 8

Prerequisite - Band 7 or by consent of the Band Department

This course is a continuation of Band 7, with students further developing their musical skills and knowledge. Available instruments of study include: flute, oboe, bassoon, clarinet, bass clarinet, alto saxophone, tenor saxophone, baritone saxophone, trumpet, french horn, trombone, euphonium, tuba and percussion. Students are required to continue with the same instrument on which they finished Band 7. Further performance opportunities in Junior Jazz Band, small ensembles and solo settings will be available and encouraged

Participation in all band performances, concerts and festivals is a regular and compulsory part of this course. All pertinent dates will be supplied in the band handbook in September.

Band Fee: (includes \$50.00 tour deposit)

Reed Fee: A fee of \$30.00 supplies the student of any reed instrument with sufficient reeds for the year

Percussion Maintenance Fee: \$35.00 (percussionists only)

Tour dates and fees will be released as they become available.

Students are responsible for renting or purchasing the appropriate instrument and cleaning supplies from a recognized music store.

CHRISTIAN STUDIES & LIVING 8

This course is a survey of the New Testament with a focus on the Gospel of John and the Acts of the Apostles. The historical setting of this era is considered along with the place and message of various letters of Paul and other New Testament writers. Lessons for living focus on principles essential for our physical, mental, social, emotional and spiritual well-being. Each student will do Bible memory and a service project.

COMPUTER STUDIES 8

The Information and Communications Technology (ICT) curriculum covers the nature of technology, how to use and apply a variety of technologies, and the impact of ICT on the individual and society. Course content will include Touch Keyboarding, Word Processing, Introduction to Excel, Power Point, The Internet, and Societal Issues.

CONSTRUCTION 8

This course focuses on the woodworking shop. It begins with a strong safety emphasis and with a tool recognition unit. The students will learn how to use hand tools and four of the power tools (scroll saw, band saw, drill press and sander). Their projects will include CO₂ cars, a serving tray, a shelf and a gumball machine.

FILM PRODUCTION

Film studies provides a general introduction to the art and history of the cinema. The course will include the viewing of approximately 15-20 films, viewing will also include selections from a wide range of classics, foreign films, and the mainstream. There will be several written assignments ranging from personal response to critiques, as well as a major project involving the creation of a short film. As students progress through the course the objective is to foster development of the student as a creator, performer, historian, critic, and patron.

FOODS AND FASHION 8

Clothing: Knowledge of Sewing Machine technology and fabric preparation will be applied to hand and machine-sewn projects.

FRENCH 8 This course builds on grammar vocabulary (speaking and listening comprehension, reading, writing) from grade 7. Students will learn the future tense and review the present tense conjugation.

JUNIOR JAZZ BAND

(offered when the demand exists and when a teacher can schedule the course)
Pre-requisite Band 7 and audition (exceptional Band 7 students may be granted admission)

Co-requisite – Band 7, 8 or 9

8 This ensemble meets before school. Students will be introduced to the study of

LANGUAGE ARTS 8

This course provides integrated instruction in the language arts skills: reading, writing, viewing, listening, speaking, and representing. The lessons are grouped into themes (communication, relationships, success) and genres (novel, plays, poetry), and are integrated with skills being taught (eg. Research, writing and communication). Viewing and listening components (films, videos, audio cassettes) are integrated where possible. Christian values, issues and points provide a general context for all aspects of the course.

Texts: Sightlines 8
Perspectives Two
Days of Terror
Spirit Bear
Assorted Approved Literature

Anthologies

Required Reading: A designated number of pages per term in novels selected by the student.

MATH 8

This course covers the four major strands and sub strands that include: Number Concepts, Number Operations, Patterns, Data, Variables, Equations, Measurement, 3-D Objects, 2-D Shapes, Transformations, Statistics, Probability and Analysis. The learning processes that will be utilized are: oral and written communication, connections, estimation, mental mathematics, problem solving, reasoning, technology and visualization.

Text: Math Power 8, McGraw-Hill Ryerson

PHYSICAL EDUCATION 8

The aim of physical education is to develop an individual in the realms of physical, mental, social, emotional and spiritual growth. Through participating in a variety of activities, the individual student will gain a knowledge and understanding of the importance of physical activity and fitness, and develop an interest in physical activity as an essential component of an active, healthy lifestyle. This is achieved through a medium of carefully selected physical activities: fitness, team games, individual activities, gymnastics, track and field and student

SCIENCE 8

The grade eight science program consists of three major areas: nature of science, science and technology, and society and its environment. Specific concepts, skills and attitudes are developed within each of these major areas. The course consists of the following units: Mix and Flow of Matter, Cells & Systems, Light and Optical Systems, Mechanical Systems, Freshwater & Saltwater Systems, and Scientific Processes. Each unit in the program focuses on specific learner objectives, skills to be developed and achieved, and attitudes to be encouraged.

Text: Science in Action 8
Addison Wesley Publishing Company

RECREATION FITNESS 8

A course designed to help students make wise choices about physical activity. With knowledge and experiences, their choices could improve their health, avoid preventable diseases, and allow them to enjoy life to the fullest. The rationale for the program is to get kids active and out of the sedentary lifestyle that modern conveniences have provided us.

SOCIAL STUDIES 8

Grade 8 students will examine issues related to contact between societies with differing worldviews. They will explore elements of worldviews and how these views are expressed by people living in different times and in different places. Through this inquiry, students will reflect on their own worldviews and assess the influence that the past has on the present. Three primary examples will be used:

8.1 - From Isolation to Adaptation:
Japan

8.2 - Origins of a Western
Worldview: Renaissance Europe

8.3 - Worldviews in Conflict: The
Spanish and the Aztecs

In addition to these topics there will be a heavy emphasis on current affairs and skill building.

Junior High School Registration and

GRADE NINE COURSE DESCRIPTIONS

ART 9

This course is a continuation of art 8 where students build on the basic understanding of the elements of art (line, colour, texture, shape, form, space, and value) and the principles of design (rhythm & movement, balance, proportion, variety, and harmony & unity). The majority of this course is spent on drawing, but students will also have an opportunity to work with paint and with clay.

Students will be given a list of supplies (some mandatory, some optional) that they will need to purchase. The course fees cover supplies that will be provided, such as clay.

BAND 9

Prerequisite - Band 8 or by consent of the Band Department. This course is a continuation of Band 8, with students further developing their musical skills and knowledge. Students are required to continue with the same instrument on which they finished Band 8. Performance opportunities in Junior or Senior Jazz Band, small ensembles and solo settings will be available and encouraged. See Band 8 description for a list of available instruments.

Participation in all band performances, concerts and festivals is a regular and compulsory part of this course. All pertinent dates will be supplied in the band handbook in September.

Band Fee: (includes a \$50.00 tour deposit)

Percussion Maintenance Fee: \$35.00 (percussionists only). Tour dates and fees will be released as they become available.

Students are responsible for renting or purchasing the appropriate instrument and cleaning supplies from a recognized music store.

CHRISTIAN STUDIES & LIVING 9

Central to this course's content will be "applied Christianity" beginning with Christ's life as an example and then challenging students to apply His example to their lives. The students will learn practical Christian lifeskills and Biblical principles designed to assist them in understanding themselves, relationships, life choices and moral issues. In addition students will explore career choices and prepare their resume. Also included will be Bible memory and a Christian service requirement.

COMPUTERS 9

The Information and Communications Technology (ICT) curriculum covers the nature of technology, how to use and apply a variety of technologies, and the impact of ICT on the individual and society.

This course covers extended Keyboarding, Word Processing, Excel, and Internet as well as Societal Issues.

FRENCH 9 This course builds on vocabulary grammar (speaking and listening comprehension, reading, writing) from French 8. Students learn the past tense and review the future and present tense.

HEALTH 9 (Christian Studies & Living)

See Christian Studies & Living 9.

FOODS AND FASHION 9

Foods: This course is designed to develop each

student's confidence in cooking skills, organizational skills, and time management based on meal planning.

Food presentation and meal planning are included. Kitchen safety and food-handling safety are reviewed at this level.

Clothing: This section covers operation and care of all sewing equipment. Students will participate in buying a pattern, preparing and cutting fabric, and constructing a garment.

CONSTRUCTION 9

Shop 9 is designed to meet the needs of both students who have taken Shop 8 as well as those for whom this will be their first woodworking experience. Students are introduced to the whole culture of safety, both in the correct use of hand and power tools as well as the use of a variety of personal protective equipment. The first project is a small hall table followed by a mantle clock. Should time allow, a third project will be made available which may include some time on the wood lathe.

JUNIOR JAZZ BAND

Pre-requisite Band 7 and audition (exceptional Band 7 students may be granted admission based on auditions in September/January)

Co-requisite – Band 7, 8 or 9

This ensemble is an extra-curricular group which meets Monday mornings from 8:00 – 8:42 a.m. and Fridays at lunch 12:-12:25PM. Students will be introduced to the study of music performance through the jazz idiom and its various styles, as well as the basics of jazz improvisation in a large jazz ensemble setting. Auditions will occur in September. On a limited basis, exceptional students will be allowed to participate in the Senior Jazz Band based on audition results and instrument needs.

Participation in all band performances, concerts and festivals is a regular and compulsory part of this course. All pertinent dates will be supplied in the band handbook in September.

LANGUAGE ARTS 9

This course provides integrated instruction in the language arts skills: reading, writing, viewing, listening, speaking and representing. Literary genres (short stories, poetry, novels, non fiction, and drama), and skills (writing, communication, speaking), some etymology, grammar, structure, and review of language conventions (pronunciations, spelling) are provided, as well as instruction in research skills and essay writing. ICT outcomes (Information Communication Technology) are integrated where possible. Christian values, issues, and viewpoints provide a general context for all aspects of the course. All students are required to write the Alberta Language Arts Achievement Exam in June.

Texts: Sightlines 9

Assorted Approved Literature Anthologies

Required Reading: A designated number of pages per term in appropriate novels selected by students.

LEADERSHIP 9

This class prepares and develops students into leaders by taking on tasks such as Student Council, fundraising, Chapels, and Peer Support. Student will be involved in public speaking activities, class discussions, prayer groups, dramas, school spirit, and service in the community.

MATH 9

This course is based on the Western Canadian Protocol/Alberta Program of Studies, June 1996. It covers the four major strands and sub strands which include: Number Concepts, Number Operations, Relations, Patterns, Variables, Equations, Shape and Space, Trigonometry, Measurement, Transformations, Statistics, Probability and Data Analysis. There is a much heavier emphasis on Algebra than there was in earlier grades.

The learning processes that will be utilized include: oral & written communication, connections, estimation, mental mathematics, problem solving, reasoning, technology (computer and calculator) and visualization.

Text: Math Power 9 - McGraw-Hill Ryerson

Workbook Fee: \$6.00

PHYSICAL EDUCATION 9

The aim of physical education is to develop an individual in the realms of physical, mental, social, emotional and spiritual growth. Through participating in a variety of activities, the individual student will gain a knowledge and understanding of the importance of physical activity and fitness, and develop an interest in physical activity as an essential component of an active, healthy lifestyle.

This is achieved through a medium of carefully selected physical activities: fitness, team games, individual activities, gymnastics, track and field and student options. Leadership skills are taught and developed. Students are required to assist with the physical education program by officiating, organizing intramurals and assisting the teacher in class (10 hours). (PE Attire if not previously purchased is required).

Badminton Racket required

SCIENCE 9

The program consists of the following five units:

1. Unit A - Biological Diversity
2. Unit B - Matter and Chemical Change
3. Unit C - Environmental Chemistry
4. Unit D - Electrical Principles and Technologies
5. Unit E - Space Exploration

The student text that will be used is Science in Action 9, 2002 (Pearson Education Canada Inc.)

SOCIAL STUDIES 9

The first part of the course examines the industrialization of Britain and the American colonies, including an explanation of a market economy and technological growth in the United States of America.

The second part of the course deals with Russia (as a centrally planned economy), its past, present, and future through its examination of the history, the government, and the people. The final part of the course examines the impact of technology on the development of Canadian industry, how industrialization has affected this country in the past and how it affects it today. There are term exams, a selected number of chapter assignments, group projects, a discussion component, and the Government Achievement Exam in June.

SPORTS ACCELERATION 9

The purpose is to give students the knowledge, skills and attitudes necessary to excel at their sport. Students will learn about resistance and fitness training programs, sports nutrition, goal setting and examine what it means to be a Christ like athlete. The goal is to develop students to be Total Athletes, who are strong mentally, physically and spiritually when it comes to their participation in sports. Class activities are split between the classroom and the Eagles Wellness Centre.

High School Prerequisite Requirements

For students entering Grade 10, the following marks in Grade 9 (English, Math and Science and Social) permit entry into the following courses:

MATH 9

- 50% or greater - Math 10C
- 80% (minimum) - Math 10C Honours
- Below 50% - Math 10-3

SCIENCE 9

- Above 50% - Science 10
- Below 50% - Science 14 through Alberta Distance Learning (ADLC)

ELA 9

- Above 50% - English 10-1
- Below 50% - English 10-2

SOCIAL 9

- Above 50% - Social 10-1
- Below 50% - Social 10-2

** Students can upgrade their marks through Summer School if necessary.

HIGH SCHOOL REGISTRATION

Important Information for Students and Parents

CREDITS

Each subject has certain credit value. Credits are based on three factors:

1. **Time:** To obtain 5 credits, a student receives 125 hours of instruction. To obtain 3 credits a student receives 62.5 hours of instruction. For each one credit Career and Technology Studies (CTS) course, students receive 25 hours of instruction.
2. **Attendance:** Credits may be withheld if attendance is unsatisfactory.
3. **Achievement:** To obtain credits in any high school course a student must earn a final mark of 50% or higher. To obtain credits in a Grade 12 diploma examination course, a student must attain a final blended mark of 50% or better. 70% of the blended mark comes from the school awarded mark and 30% from the diploma exam.
4. **SCS Course Load Policy**
Grade twelve students must take 30 credits in approved courses. These credits must be earned through SCA.

Grade ten and eleven students are required to take a full load of courses (ie spares are not allowed) with the following exceptions:

- a) The student is enrolled in a course that is offered outside our regular school schedule. This would include courses such as Band or Choral. The spare is not allowed until the second semester when the student has completed one half of the course.
- b) The student is enrolled in an Off Campus Education (OCE) course such as Work Experience, Registered Apprenticeship Program or Green Certificate Program. The spare is not allowed until the second semester when the student has completed a significant portion of the course or has obtained permission from our OCE Coordinator.
- c) The student is enrolled in a Special Projects course that has been approved by a teacher and the Principal. The spare is not allowed until the second semester when the student has completed one half of the course.

NOTES:

1. Summer school, NEXT Step and home education, online courses or private music lessons do not allow a student to earn a spare.
2. Due to timetabling restrictions, students must take PE 10 for 5 credits at SCS.
3. Due to timetabling restrictions CALM should NOT be taken through Alberta Distance Learning (correspondence) or Summer School (see CALM description for more details) without approval of school administration.

COURSE NUMBERS

Grade 10 courses are indicated by the subject followed with a number beginning with "1" such as English Language Arts 10-1. Grade 11 courses are indicated with the subject followed by a number beginning with "2" such as Social Studies 20-1. Grade 12 courses are indicated with the subject followed by a number beginning with "3" such as Chemistry 30.

PREREQUISITES FOR COURSES

In the Course Descriptions section, the course number shown immediately below any Grade 11 or 12 course is its normal prerequisite. The percentage listed is the mark recommended for successful completion of the course. A course *must* be completed with a minimum of 50% (or the recommended percent as indicated) before a more advanced course can be taken in that particular stream.

Strathcona Christian Academy Secondary School has a policy that students **may not** drop or change courses after the course drop date. Alberta Education funding is based on the students who finish courses; therefore, completion of courses is also mandatory. If a student fails to complete a course, the student may be charged a fee equal to the amount of grant lost.

PROGRAM OPPORTUNITIES

Athletic Teams

Volleyball
Basketball
Badminton
Soccer
Golf

*Football, Rugby, Swimming, Track & Field, Curling

* These sports are offered to SCS students through other EIPS senior high schools.

Music

Band: Concert and Jazz Band (includes performances, competitions and tours)
Choral
School of Worship Arts (Audition required)

Drama

Musical Theatre Productions
Drama 10/20/30
Film Studies movie making

Spiritual

Chapel Ministry Teams (Encounter teams)
Worship Bands
Missions Local & International

Leadership

Missions International
Student Council
Graduation Committee (Grade 12)
Special Projects

Service Opportunities

Individual Opportunities through teacher accommodated Special Projects
Bible Class Projects
Teens Against Violent Oppression (TAVO)
Yearbook
Missions Local (Missional Living) downtown ministries (Mustard Seed, Street Store, Hope Mission)

ALBERTA HIGH SCHOOL DIPLOMA

The following are the minimum requirements for the Alberta High School Diploma.

To earn an Alberta High School Diploma, a student graduating must earn a **minimum of 100 credits** which includes the following:

The following courses are required within the 100 credits:

- English Language Arts 30-1 or 30-2
- Social Studies 30-1 or 30-2
- Mathematics at the 20 level
- Science, Biology, Chemistry, or Physics at the 20 level, or a combination of Science 10 and Science 14
- Physical Education 10 (minimum of 3 credits)
- Career and Life Management 20 (minimum of 3 credits)
- 10 credits in Fine Arts, CTS, Second Languages, Locally Authorized Courses, or Physical Education 20 and/or Physical Education 30
- 10 credits in any 30 level courses in addition to English or Social Studies

Students who plan to pursue post-secondary education MUST apprise themselves Of entrance requirements by contacting the institution(s) of their choice.
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In order to participate in graduation exercises at SCS, students are expected to adhere to the policies and standards as outlined in the Secondary Handbook.

In order for students to participate in graduation exercises and receive the SCS Graduation Diploma students must meet the requirements of the Alberta High School Diploma and pass a Christian Studies course for each year they attend our high school.

COURSE OFFERINGS

Course selections are developed each spring to reflect new timetable scheduling. A full selection of courses is listed below. Actual selection of courses is dependent on enrolment, staffing and timetabling. Student selection of courses is subject to the prerequisites and recommendations set by SCS.

BIBLE

Religious Studies 15 (Bible 10)
Religious Ethics 20 (Bible 20)
World Religions 30 (Bible 30)
School of Worship Arts 15/25/35
Missions Local 10/20/30
Missions International 10/20/30

CALM

Career & Life Management

ENGLISH LANGUAGE ARTS

English Language Arts 10-1, 10-2
English Language Arts 20-1, 20-2
English Language Arts 30-1, 30-2
English Language Arts Honours

MATHEMATICS

Mathematics 10C and 10C Honours
Mathematics 10-3
Mathematics 20-1, 20-2
Mathematics 20-3
Mathematics 30-1, 30-2
Mathematics 30-3
Mathematics 31

SCIENCE

Science 10,20,30
Science 24
Biology 20, 30
Chemistry 20, 30
Physics 20, 30

SOCIAL STUDIES

Social Studies 10-1, 10-2
Social Studies 20-1, 20-2
Social Studies 30-1, 30-2

SECOND LANGUAGES

French 10, 20, 30
Spanish 10,20,30

FINE ARTS

Art 10, 20, 30
Drama 10, 20, 30
Sr. Jazz Band - Instrumental Jazz
Ensemble 15, 25, 35
Sr. Concert Band – Instrumental
Choral 10,20,30

SENIOR HIGH OPTIONS

Aquaponics (cts) 15/25/35

Computers (cts)

Information Processing 10
Digital Media 10/20/30
Design Studies (Graphic Design) 15/25/35

Construction (cts)

Construction Technology 10/20/30
Technical Theatre 15/25/35

Film Studies 15/25/35

Foods and Fashion (cts)

Fashion Studies 10/20/30
Food Studies 10/20/30

General Psychology 20

Health & Wellness (Sports Performance (cts) 15/23/35

Musical Theatre 15/25/35

Leadership

Student Council & Student Store

Personal Fitness (cts) 15/25/35

Photography (cts) 10/20/30

Physical Education

Physical Education 10, 20, 30

Workplace Safety (cts) – 4 credits

Workplace Practices
Workplace Systems
First Aid/CPR
Job Preparation

OFF CAMPUS EDUCATION

Work Experience
Registered Apprenticeship Program
Green Certificate Program

PLEASE NOTE: Courses that have been assessed fees are only approximate. Final course fees are determined in September of each school year.

GRADE 12 GRADUATION PLANNER

1. Number of credits currently held. _____
2. Courses you plan to take:

<u>FIRST SEMESTER</u>		<u>SECOND SEMESTER</u>	
COURSE	CREDITS	COURSE	CREDITS

3. Total Credit

	Grade 10/11	
	Semester One	
	Semester Two	
	TOTAL	

4. Will you meet the Diploma requirements?
- a. Will you have 100 credits? _____
 - b. Will you have English Language Arts 30-1 or 30-2? _____
 - c. Will you have Social Studies 30-1 or 30-2? _____
 - d. Will you have ten other Grade 12 credits (30, 33 or CTS 30 level courses)? _____
 - e. Will you have ten science credits? _____
 - f. Will you a Math course at the "20" level? _____
 - g. Will you have Physical Education 10? _____
 - h. Will you have Career and Life Management (CALM)? _____
 - i. Will you have 10 credits in CTS, or Fine Arts or Second Languages or Physical Education 20 or 30? _____
 - j. Will you have one year of Christian Studies for every year you have been at SCS? _____
 - k. Are you scheduled for 30 credits in Grade 12? (In-school courses) _____

GRADUATION POLICY

Graduation is an honour bestowed on those students who have successfully completed the requirements. Graduation exercises will be held following completion of the academic year and final examinations. To participate in the graduation exercises the student must:

- a. demonstrate conduct consistent with the standards of SCS,
- b. obtain a minimum of 50% in school-awarded marks of diploma courses required for graduating credits,
- c. obtain a pass in the Christian Studies course(s) for each year of attendance at SCS (grades 10, 11, 12),
- d. earn 30 credits in the grade 12 school year, not including credits earned from distance learning or summer school.
- e. have all correspondence course lessons required for graduating credits submitted to Alberta Distance Learning by May 1st, and
- f. meet Alberta Education requirements for a high school diploma.

Students may not graduate if academic requirements are not met, or due to issues of misconduct. A student will be counselled and parents informed if a student is in danger of not meeting graduation requirements. Notification of denial to participate in graduation ceremonies may come as late as graduation day.

Dress at the graduation ceremony and banquet are to comply with the school's dress code.

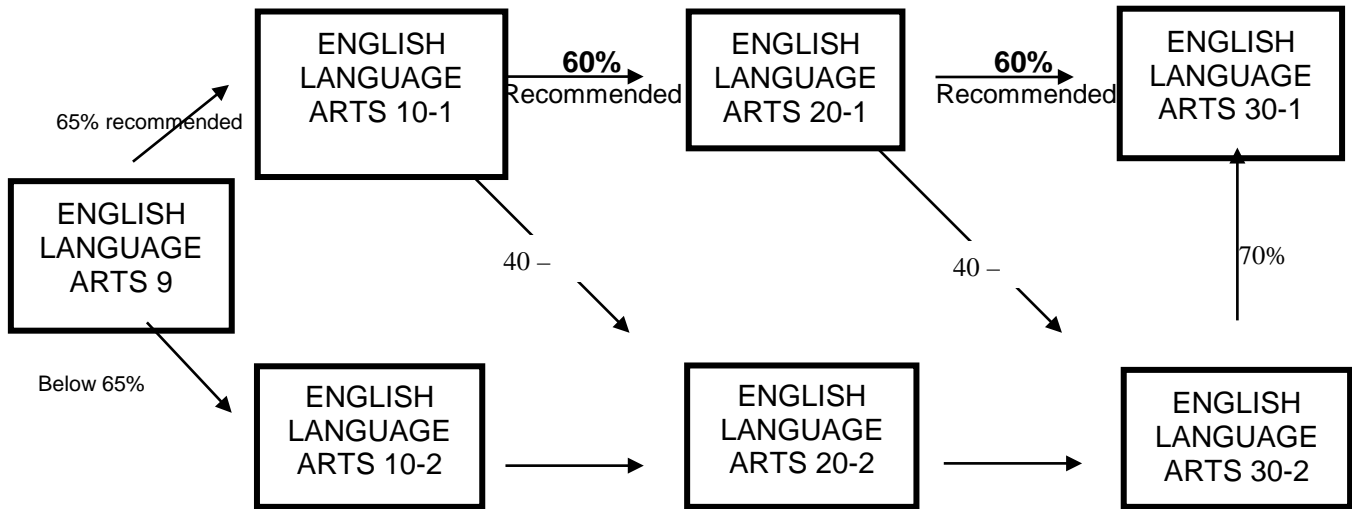
A valedictorian is selected from the graduating class by a committee of teachers and the input of students. The choice of valedictorian is based on:

- Academic standing
- Leadership in the school and community
- School participation (fine arts, sports, student council, etc.)
- Christian character and witness
- Years of attendance at SCS

Recommended Course Sequence and Transfer Points

ENGLISH LANGUAGE ARTS PROGRAMS

All students will take English Language Arts 10-1 and then English Language Arts 20-1. In grade 12 they will take either English Language Arts 30-1 or English Language Arts 30-2.



Students achieving a grade less than 50% in English Language Arts 10-1 must either repeat 10-1 to move on to English Language Arts 20-1 or take English 20-2.

- Students who pass English Language Arts 30-2 after achieving 40-49% in English Language Arts 20-1 receive retroactive credits and a mark of "P" (pass) for English Language Arts 20-2

GRADE 11 MARK	RECOMMENDED PROGRAM	STUDENT'S GOALS
Above 60%	ENGLISH LANGUAGE ARTS 30-1	UNIVERSITY, or ANY OTHER POST SECONDARY PROGRAM
BELOW 59%	ENGLISH LANGUAGE ARTS 30-2	TECHNICAL INSTITUTES, COLLEGES, DIPLOMA PROGRAMS, BUT NOT UNIVERSITY

MATH PROGRAMS

Choosing the Right Math Sequence

It all adds up

In order to ensure that all Alberta students have the opportunity to graduate with the mathematical skills and knowledge necessary to succeed in the future, Alberta Education has revised the high school mathematics program of studies. The new courses will begin implementation this fall at the grade 10 level. The grade 11 and 12 levels will follow over the next two years.

Course sequences

At SCS all students that pass Math 9 will take Math 10C. Those that don't pass Math 9 will be required to upgrade their math during summer school or enrol in Math 10-3. After Math 10C, students will have two choices of course sequences:

Mathematics 20-1 and 30-1 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:	This sequence: <ul style="list-style-type: none">• is a co-requisite for Mathematics 31• may be required for post-secondary study of calculus Topics in this sequence include permutations and combinations, relations and functions, sequences and series, and trigonometry.

Mathematics 20-2 and 30-2 Course Sequence

For entry into:	many programs ² at universities, colleges and technical institutes, including some apprenticeship programs; e.g.: <ul style="list-style-type: none">• Arts programs• Civil engineering technology• Medical technologies
Designed for:	students interested in careers in a wide variety of areas (This sequence is designed to fill the needs of most students.)
Additional information:	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. Topics in this sequence include relations and functions, equations, probability, statistics and trigonometry.

For those students that take Math 10-3, they will continue in this sequence unless they upgrade.

Mathematics 10-3, 20-3 and 30-3 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:	This sequence aligns with entrance requirements for many trades programs, specifically levels one to three. Topics in this sequence include finance, geometry, measurement and trigonometry.

Choosing the Right Pathway

The high school mathematics program includes 3 course sequences. Students are encouraged to consider their current interests and future plans when deciding on a course sequence.

The -3 sequence is an accepted pre-requisite to trades/careers such as graphic communications, film and video production, machinist technician, travel and tourism, automotive services, EMT, welding, millwright and cosmetology.

10-3 \Rightarrow 20-3 \Rightarrow 30-3

The -2 sequence is an accepted pre-requisite to trades/careers such as elementary teacher, civil engineering technician, medical technologies, nursing, paramedic and some apprenticeships.

10C 20-2 \Rightarrow 30-2 \Rightarrow

The -1 sequence is an accepted pre-requisite to trades/careers such as civil engineering, kinesiology, forestry, computer science and secondary teacher.

10C \Rightarrow 20-1 \Rightarrow 30-1

This information was based on January 2012 admission requirements. For more information on post-secondary pre-requisites go to <http://alis.alberta.ca/ec/ep/aas/ta/mathreq.html>

Note: The web site is updated periodically so please refer to it often.

The structure of the high school mathematics program allows students to transfer from one course sequence to another with the intent of providing flexibility in programming should students' career goals or success within a given pathway change. It is important to note that students have the ability to graduate with Math 30-1 via two distinct pathways as shown below. Students should choose the pathway that allows for success at the grade 10 and 11 levels.

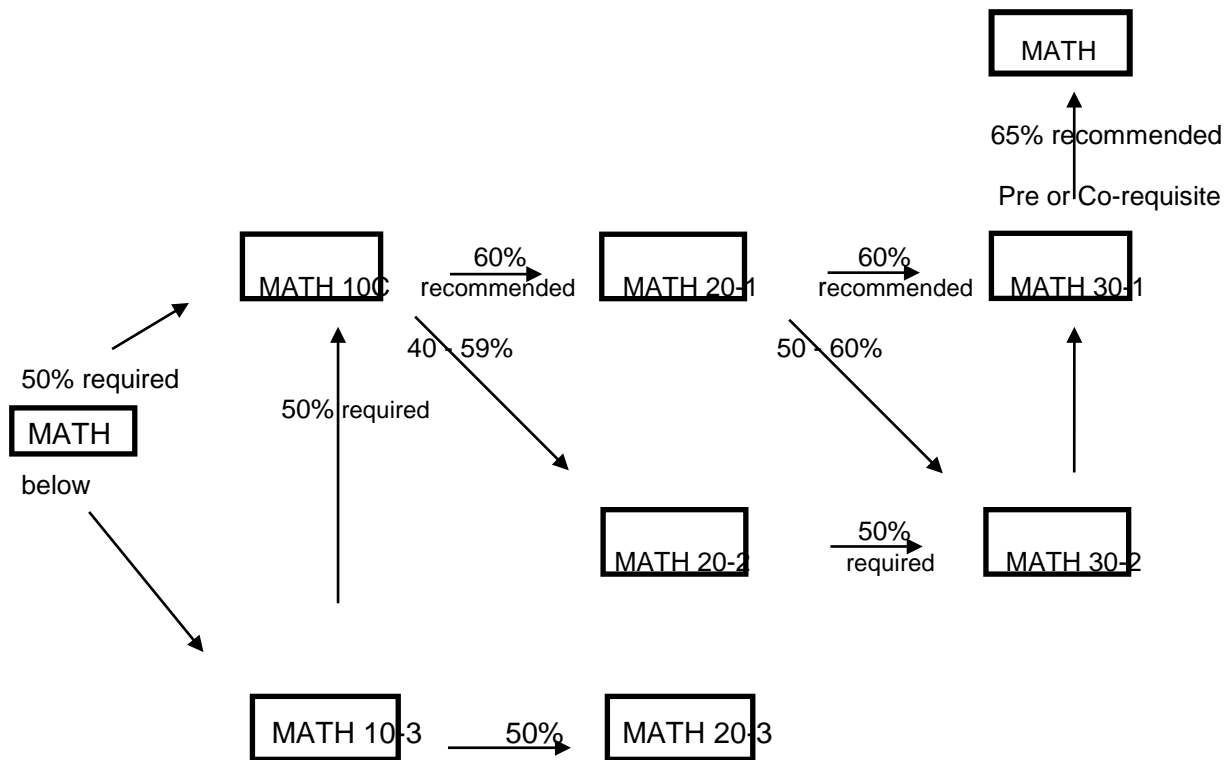
Pathway 1: Math 10C \Rightarrow Math 20-2 \Rightarrow Math 30-2 \Rightarrow Math 30-1

This pathway is particularly suited to students who found the algebra portion (factoring, radicals, systems of equations) of Math 10C challenging and would benefit from the extra time this pathway provides.

Pathway 2: Math 10C \Rightarrow Math 20-1 \Rightarrow Math 30-1

This pathway is particularly suited to students who excelled in the algebra portion of Math 10C and for those students who wish to complete Math 31.

Although not required for graduation, students are encouraged to complete a 30-level mathematics course as these students have a broader range of career options.



For information regarding retroactive credits see Table of Contents

GRADE 9 MARK	RECOMMENDED PROGRAM	GRADE 11 and 12
ABOVE 50%	MATH 10C	Math 20-1, 30-1 for math related university programs Math 20-1, 30-2 for non-math university programs
BELOW 50%	MATH 10-3	Math 20-3

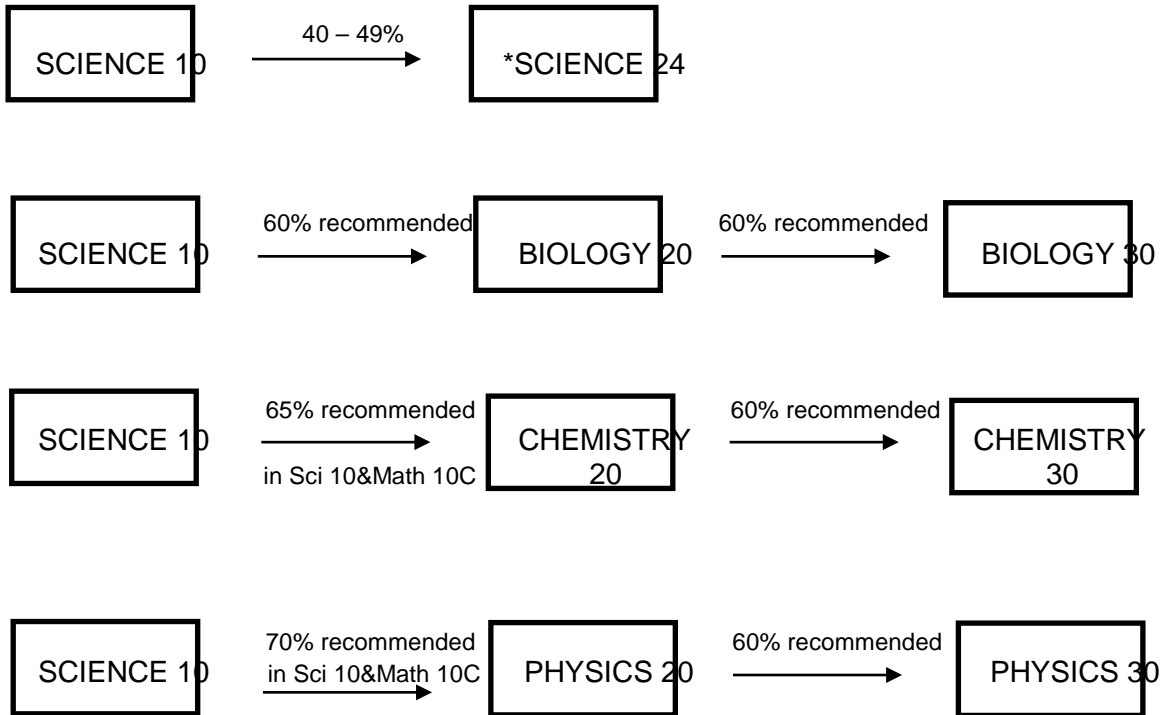
(* Through ADLC or Next Step/Outreach)

NOTE: If Grade 9 students want to improve their final Math 9 mark, the student can register in Math 10 Prep in Summer School (call Continuing Education at Elk Island Public Schools).

**GRAPHING CALCULATOR
REQUIRED FOR Math 10C, 20-1, -
2 and 30-1, -2**

**SCIENTIFIC CALCULATOR
REQUIRED
MATH 10-3 & Math 20-3 (about**

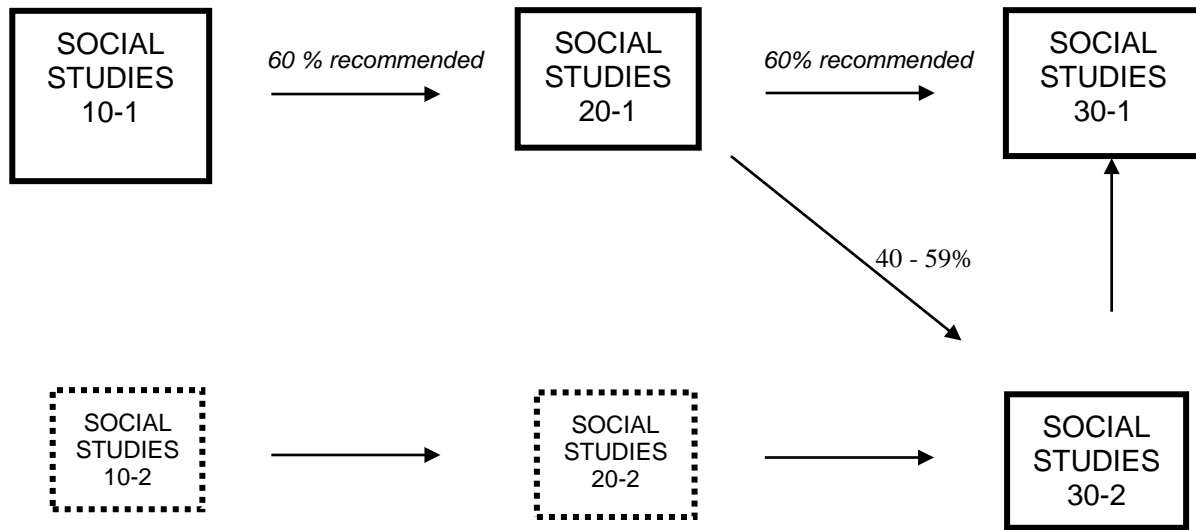
SCIENCE PROGRAMS



Students who pass Science 24 after receiving a mark of (40-49%) in Science 10 will receive retroactive credits in Science 14. (See page 17)

GRADE 9 MARK	RECOMMENDED PROGRAM	STUDENT'S GOALS
Above 50%	SCIENCE 10	UNIVERSITY, or ANY OTHER POST-SECONDARY PROGRAM
BELOW 50%	SCIENCE 14	LIMITED OPPORTUNITIES FOR POST-SECONDARY PROGRAMS

SOCIAL STUDIES PROGRAM



Students who pass Social Studies 30-2 after receiving a mark of 40-49% in Social Studies 20-1 will receive retroactive credits for Social 20-2. (See page 17)

Students who receive a grade of 59% or lower in Social Studies 20-1 are advised to register in Social Studies 30-2.

RETROACTIVE CREDITS

Students must have a final mark of at least 50% to obtain credits and to fulfill prerequisite requirements for subsequent related courses. Students who receive less than 50% may either repeat the course, or under the circumstances described below take a course in an alternate program.

Students not achieving the required 50% but achieving at least 40% may continue in an alternate program, at the next grade level (e.g. Science 10 to Science 24). If the student successfully completes the next higher course, the student would then be granted credit for the prerequisite course in that sequence (Science 14).

The following table covers all the possibilities.

COURSE MARK OF 40-49%	NEXT COURSE IN ALTERNATE PROGRAM	RETROACTIVE CREDITS GRANTED FOR:
ENGLISH LANGUAGE ARTS 10-1	ENGLISH LANGUAGE ARTS 20-2	ENGLISH LANGUAGE ARTS 10-2
ENGLISH LANGUAGE ARTS 20-1	ENGLISH LANGUAGE ARTS 30-2	ENGLISH LANGUAGE ARTS 20-2
MATHEMATICS 10	MATHEMATICS 24	MATHEMATICS 14
SOCIAL STUDIES 10-1	SOCIAL STUDIES 20-2	SOCIAL STUDIES 10-2
SOCIAL STUDIES 20-1	SOCIAL STUDIES 30-2	SOCIAL STUDIES 20-2
SCIENCE 10	SCIENCE 24	SCIENCE 14

DESCRIPTION OF COURSES

CHRISTIAN STUDIES CURRICULUM

Students at SCS have several options for their Christian Studies.

Bible (3 credits)

Bible 10 (Religious Meanings)

Bible 20 (Religious Ethics)

Bible 30 (World Religions)

Missions (5 credits)

Local (open) & International (application)

SOWA-School of Worship Arts (5 credits)

called Chamber Ensemble 15/25/35

Notes:

1. Grade 10 students are required to take Bible 10 even if they are in Missions or Sowa
2. Students in grades 11 and 12 are required to complete at least one course from the Christian Studies group of courses. Each student must pass at least one Christian Studies course for each year of high school they attend

Bible 10 (Religious Meanings 20)

Foundations

...Standing Firm...

3 Credits

Prerequisite: None

This course challenges students to accept and study the Bible as trustworthy and authoritative in all matters of faith and conduct. Considered in the course are topics such as how the Bible was born, the canonization of Scriptures, its revelation of the character of God, basic principles for interpretation, and how the Bible has been misinterpreted and misrepresented by various sects.

Bible 20 (Religious Ethics 20)

Ethics

...Applying your Faith...

3 Credits

Prerequisite: None

This course challenges students to know and understand what the Bible teaches about ethics and morality. It encourages them to develop a biblical foundation for their own moral lives, and it strives to help them understand and approach biblically today's ethical problems and dilemmas.

Bible 30 (World Religions 30)

Apologetics

...Giving a Reason...

3 Credits

Prerequisite: None

This challenging course looks at the tenets and history of the Christian faith; then it compares and contrasts these to the major world religions (Judaism, Hinduism, Buddhism, Islam, the Oriental religions, and New Age).

Missions International 10/20/30

5 Credits, (full year course)

Prerequisite: Students must apply and be accepted into the program

Our Missions International Program introduces students to the principles and practices of Christian service, discipleship & leadership. Students will focus on personal, group and organizational leadership (the influence and importance of character in leadership, leadership styles...), and leadership competencies (public speaking, directing a committee meeting...). The course consists of in-class components as well as practical, out-of-class projects requiring the demonstration of skills learned. A mission trip is part of each course.

Missions Local (Missional Living) 10/20/30

3 Credits (Semester 1 or 2)

Missional Living is a community and a program that strives to practically live out the redemption of the world in everyday living. Being on mission is one of the purest and most natural forms of worship found in the Bible.

Missional Living introduces students to a spectrum of ministries both here in our community of influence and in the detours that God calls us to. Some of the current ministries that we partner with include: World Vision, Food for the Hungry, SPAC Missions & Justice, PAC Center, Big Buddy Ministry, Sonburst, Strathcona Probation Services, Mustard Seed, Street Store, PALM ministries, Heart 2 Heart Ministries.

We operate under this belief:

The mission field that God has called you to, He's called you to today. It's with the people you know, the gifts He's given you, and the trajectory of your life.

We must be present among those who need us, giving ourselves to them and for them. Jesus Himself was always present. He lived and dwelled and touched and healed those around Him.

We are called to mission.

Every day.

Today.

Now.

Follow me.

The course is unique from our traditional Missions courses in that students do not need to apply to get in. There will not be any class fundraising so students are required to pay the expense of any detour trip.

COURSE NOTE: Students can register in this course without going through an application process. This course is for 3 credits and is per semester

School of Worship Arts 15/25/35 (Chamber Ensemble 15/25/35)

5 Credit (full year course)

Pre-requisite: (SOWA15) Entrance by audition and interview; (SOWA 25) successful completion of Music 15 and recommendation of instructor; (SOWA 35) successful completion of Music 15 and recommendation of instructor

This course is available to the following instruments: Piano, Bass, Drums, Guitar, and Voice. Students wishing to participate on another instrument must consult the Music Department.

This course aims to raise up highly skilled musicians with a firm Biblical foundation in worship leadership. Students will study the fundamentals of musical technique on their instruments as well as basic music theory and ear training common to all musicians. A firm scriptural basis for worship components, styles and leadership techniques will be thoroughly explored and applied as the students learn to lead the band and their fellow students in practical settings such as chapels and other times of worship. The course consists of in-class components as well as practical, out-of-class projects requiring the demonstration of skills learned.

Course Fee - covers costs of periodic professional clinicians on each instrument

ENGLISH LANGUAGE ARTS

English Language Arts 10-1

5 Credits

Recommended: 65% in ELA 9

Students expand upon their skills of speaking, listening, reading, writing, viewing and representing as they read literary texts (print and visual) and compose personal and critical responses to these texts. An emphasis will be on reading and writing. Students will study the novel, play, poetry, short story, essay, visual and multimedia texts in a genre and/or thematic approach. There will be a focus on critical textual analysis. A Christian world view will be integrated throughout the course.

English Language Arts 10-1 Honours

5 Credits

Prerequisite: minimum of 80% in ELA 9 (actual admission average depends on number of applicants)

The Honours course will follow the ELA 10-1 program but will offer students who have strengths in English engaging opportunities to expand their abilities. The literary texts studied and the texts created will challenge students in their speaking, listening, reading, writing, viewing and representing abilities.

English Language Arts 10-2

5 Credits

Prerequisite: None

Students practice the skills of speaking, listening, reading, writing, viewing and representing as they read literary texts (print and visual) and compose personal and critical responses to these texts. An emphasis will be on reading and writing. Students will study the novel, play, poetry, short story, essay, visual and multimedia texts in a genre and/or thematic approach. There will be a focus on personal responses to literary texts, functional writing and reading for enjoyment. A Christian world view will be integrated throughout the course.

English Language Arts 20-1

5 Credits

Recommended: 65% in ELA 10-1

Students will continue to develop their skills of speaking, listening, reading, writing, viewing and representing as they read literary texts (print and visual) and compose personal and critical responses to these texts. An emphasis will be on reading and writing. Students will study the novel, play, poetry, short story, essay, visual and multimedia texts in a genre and/or thematic approach. There will be a definite focus on critical textual analysis. A Christian world view will be integrated throughout the course.

English Language Arts 20-1 Honours

5 Credits

Prerequisite: minimum of 75% in ELA 10-1 (actual admission average depends on number of applicants)

The Honours course will follow the ELA 20-1 program but will offer students who have strengths in English engaging opportunities to expand their abilities. The literary texts studied and the texts created will challenge students in their speaking, listening, reading, writing, viewing and representing abilities.

English Language Arts 20-2

5 Credits

Prerequisite: English Language Arts 10-1 or 10-2

Students will build on their skills of speaking, listening, reading, writing, viewing and representing as they read literary texts (print and visual) and compose personal and critical responses to these texts. An emphasis will be on reading and writing. Students will study the novel, play, poetry, short story, essay, visual and multimedia texts in a genre and/or thematic approach. There will be a focus on developing writing and increasing reading strategies. A Christian world view will be integrated throughout the course.

English Language Arts 30-1 (This course has a diploma exam)

5 Credits

Recommended: 60% in ELA 20-1 or 65% in ELA 30-2

Students earning under 60% in ELA 20-1 may NOT register in ELA 30-1

Students refine their skills of speaking, listening, reading, writing, viewing and representing as they read literary texts (print and visual) and compose personal and critical responses to these texts. A strong emphasis will be on reading and writing. Students will study the novel, play, poetry, short story, essay, visual and multimedia texts in a genre and/or thematic approach. There will be a significant focus on critical textual analysis. A Christian world view will be integrated throughout the course.

*Students will be required to write a Diploma Examination upon completion of the course work. This exam will constitute 50% to the final mark while the semester's work will make up the remaining 50%.

English Language Arts 30-2 (This course has a diploma exam)

5 Credits

Prerequisite: English Language Arts 20-1 or English Language Arts 20-2

Students expand upon their skills of speaking, listening, reading, writing, viewing and representing as they read literary texts (print and visual) and compose personal and critical responses to these texts. An emphasis will be on reading and writing. Students will study the novel, play, poetry, short story, essay, visual and multimedia texts in a genre and/or thematic approach. There will be a focus on refining writing and developing proficiency in reading strategies. A Christian world view will be integrated throughout the course.

*Students will be required to write a Diploma Examination upon completion of the course work. This exam will constitute 50% to the final mark while the semester's work will make up the remaining 50%.

English Language Arts 30-1 Honours (This course has a diploma exam)

5 Credits

Prerequisite: minimum of 75% in ELA 20-1 (actual admission average depends on number of applicants)

The Honours course will follow the ELA 30-1 program but will offer students who have strengths in English engaging opportunities to expand their abilities. The literary texts studied and the texts created will challenge students in their speaking, listening, reading, writing, viewing and representing abilities.

MATHEMATICS

Math 10C

5 Credits

Prerequisite: 50% in Math 9

Topics include: Algebra & Number, Measurement, and Relations & Functions. The following interrelated mathematical processes are intended to permeate teaching and learning: Communication, Connections, Mental Mathematics and Estimation, Problem Solving, Reasoning, Technology, and Visualization. The activities that take place in the mathematics classroom will stem from a problem-solving approach, be based on mathematical processes and lead students to an understanding of the nature of mathematics. In order to facilitate this approach to learning, this curriculum includes fewer topics that will be explored using a variety of methodologies to enhance a deeper understanding for each student.

Math 10C Honours

5 credits

Prerequisite: 85% in Math 9

Mathematics 10C Honours builds on key concepts from Mathematics 7- 9. Learning through problem solving is the key focus. Students develop and refine their own way of solving problems and show their work in a variety of ways. Students use mathematical vocabulary to explain how they solve problems and continue to acquire the mathematical processes of communication, making connections, mental mathematics, and visualization, and the use of technology as a tool. The honours course will proceed at a faster speed than the Math 10C course as well as include sections on concepts learned in Math 20-1 and Math 30-1.

The topics in Mathematics 10C include:

- Measurement: develop special sense and proportional reasoning
- Algebra and Number: develop algebraic reasoning and number sense
- Relations and Functions: develop algebraic and graphical reasoning through the study of relations.

For a student to have clear goals and an understanding of what they are expected to know, students can refer to 'Achievement Indicators' in the program of Studies.

<http://www.education.alberta.ca/media/655889/math10to12.pdf>

Achievement Indicators are samples of how students may demonstrate their achievement of the course outcomes.

Math 10-3

5 Credits

Prerequisite: 40% in Math 9

Learning through problem solving is the key focus. Students develop and refine their own way of solving problems and show their work in a variety of ways. Students use mathematical vocabulary to explain how they solve problems and continue to acquire the mathematical processes of communication, making connections, mental mathematics, and visualization, and the use of technology as a tool. The topics in Mathematics 10-3 include; Measurement, Geometry, Number and Algebra

Math 20-1

5 Credits

Recommended: 75% in Math 10C

This course is a launch pad for students looking to pursue post secondary programs that require the study of calculus. Mathematics 20-1 continues to focus on developing student understanding of mathematics through a variety of meaning based learning experiences. The use of manipulatives, visuals, and other interactive tools are used to develop a foundation of Problem solving skills. Topics include: Sequences & Series; Trigonometry; Radical/Rational/Absolute Value Equations; Systems; and inequalities.

**For students wanting to receive credit in an Honours stream, students will be required to state their intent upon the beginning of the course. This requires that the student take on additional enrichment components above the regular 20-1 course. In addition, the student must finish the course with achievement above 80% to receive the honours credit.

Math 20-2

5 Credits

Recommended: 50% in Math 10C

This course is designed for students looking to pursue post secondary programs that **do not** require the study of calculus. Mathematics 20-1 continues to focus on developing student understanding of mathematics through a variety of meaning based learning experiences. The use of manipulatives, visuals, and other interactive tools are used to develop a foundation of Problem solving skills. Topics include: Measurement; Geometry; Number & Logic; Statistics; Relations & Functions

Math 20-3

5 Credits

Recommended: 50% in Math 10-3

Mathematics 20-3 builds on key concepts from Mathematics 10-3. Learning through problem solving is the key focus. Students develop and refine their own way of solving problems and show their work in a variety of ways. Students use mathematical vocabulary to explain how they solve problems and continue to acquire the mathematical processes of communication, making connections, mental mathematics, and visualization, and the use of technology as a tool. The topics in Mathematics 20-3 include; Measurement, Geometry, Number, Algebra and Statistics

Math 30-1 (This course has a diploma exam)

5 Credits

Recommended: 60% in Math 20-1

In the final course of the Pure Math series, students will expand on concepts learned earlier. There will be an emphasis of problem solving throughout the units. Topics include transformations, conic sections, trigonometry,

exponents & logarithms, series and sequences, binominal distribution, probability and combinatorics. There will be a project that relates to the diploma exam.

Math 30-2 (This course has a diploma exam)

5 Credits

Recommended: 50% in Math 20-1 or 60% in Math 20-2

This is the final course of the Applied Math series. Topics will include matrices and pathways, statistics and probability, finance, cyclic, recursive and fractal patterns, vectors and design. Computers will also be used. The main approach will be to use numerical and geometrical problem-solving techniques. There will be a project that relates to the diploma exam.

Math 31

5 Credits

Prerequisite or Co requisite: 65% in Pure Math 30

Math 31 covers the key ideas of introductory calculus. Topics include limits, derivatives, methods and applications of differentiation, antiderivatives and methods and applications of integration.

SOCIAL STUDIES

Social Studies 10-1

5 Credits

Prerequisite: 50% in Social 9

Students will explore globalization, the process by which the world's citizens are becoming increasingly connected and interdependent. Students will explore the origins of globalization, the implications of economic globalization and the impact of globalization internationally on lands, cultures, human rights and quality of life. A multiple perspectives approach 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 formulate individual responses to emergent issues related to globalization.

Social Studies 10-2

5 Credits

Prerequisite:

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 20-1

5 Credits

Prerequisite: Social Studies 10-1

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. Through critical analysis and evaluation of concepts and content and an examination of related questions and issues an understanding of what it means to be a responsible citizen will be developed.

Social Studies 20-2

5 credits

Prerequisite : 50% in Social 10-1 or 2

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 30-1 (This course has a diploma exam)

5 Credits

Prerequisite: Social Studies 20-1 (Minimum grade 60%)

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. Students with a score below 60 in Social Studies 20-1 may not register in Social Studies 30-1. If they achieve an average of 80% in Social Studies 30-2, they may switch into Social Studies 30-1 late in the semester and write the SS 30-1 diploma exam.

Social Studies 30-2 (This course has a diploma exam)

5 Credits

Prerequisite: Social 20-1 or Social 20-2

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. Students with a score below 60 in Social Studies 20-1 must register in Social Studies 30-2. If they achieve an average of 80% in this course, they may switch into Social Studies 30-1 late in the semester and write the SS 30-1 diploma exam.

SOCIAL SCIENCES

General Psychology

3 Credits

Prerequisite: None

Psychology is the study of the mind and behaviour. This course introduces the field of psychology, and provides a foundation for post-secondary studies in psychology. Topics include learning, frustration, conflict, emotional problems, behaviour disorders, and careers in psychology. Instruction includes teacher-led and student-led lessons, guest speakers, research projects and psychology related films. Psychology is open only to students in grades 11 and 12.

PHYSICAL AND LIFE SCIENCES

Science 10

5 Credits

Prerequisite: 50% in Science 9

To follow up the Junior High Science Curriculum, the Science 10 course will continue to emphasize science technology, Society (STS) connections. The major units of study are:

1. Energy and matter in chemical change
2. Energy flow on technological systems
3. Cycling of matter in living systems
4. Energy flow in global systems

Science 14

5 credits

Prerequisite:

This course is provided through distance learning on an individual basis and is not a teacher/classroom setting.

Science 20

5 credits

Pre/Corequisite: Science 10

Science 20 is an integrated science course designed for academic students who want to be scientifically literate but do not intend to pursue a science-related post-secondary education. The emphasis in this course is on "breadth rather than depth" as topics covered have less detail than in the individual science disciplines of biology, chemistry and physics."

Students of Science 20 will develop their skills for observing, collecting facts, forming generalizations, hypothesizing, and making inferences from observations. They will show growth in their understanding of scientific concepts by their ability to apply these concepts to relevant situations. They will develop a global view of the sciences as well as an awareness of the connections among them.

The common theme of "change" is explored in units dealing with ecology, chemistry, physics and geology. Ecology topics include succession and interactions in subsystems, cycling of matter and energy, and adaptations and changes in organisms. Chemistry topics include solutions and concentrations, electrolytic and voltaic cells, and properties of hydrocarbons. Physics topics include motion of objects and conservation of momentum. Geology topics include evidences of geological change, internal structure of the Earth, fossil records, and evidences for climate change.

Science 24

5 Credits

Prerequisite: 50% in Science 14 or Science 10

This 5 credit course is offered by ADLC on those years in which low enrolment prevents it from being offered in a scheduled class. The units covered include: 1) Disease Defense, 2) Energy Consumption, 3) Materials We Use, 4) Safe Transportation.

Science 30

5 credits

Pre/Corequisite: Science 20/Biology 20/Physics 20/Chemistry 20

Science 30 is a five credit course designed for students who want to enhance their understanding of the scientific principles behind the natural events of their world and the technology that they use in their daily lives. The course is designed to provide students with the scientific literacy required to function in a technological society and to prepare them for post-secondary studies.

Students of Science 30 will develop their skills for observing, collecting facts, forming generalizations, hypothesizing, and making inferences from observations. They will show growth in their understanding of scientific concepts by their ability to apply these concepts to relevant situations. They will develop a global view of the sciences as well as an awareness of the connections among them.

Biology topics covered include the heart and circulatory system, immunity and defense, and genetics. Chemistry topics include acids, bases, organic compounds, and environmental effects. Physics topics include forces at a distance and the electromagnetic spectrum. Energy and the environment, including sustainability and renewable energy sources will also be studied.

Biology 20

5 Credits

Prerequisite: 60% required in Science 10

The Biology 20 course deals with four units of study: 1) Energy and Matter Exchange in the Biosphere; 2) Ecosystems and Population Change; 3) Photosynthesis and Cellular Respiration; 4) Human Systems.

Biology 30 (This course has a diploma exam)

5 Credits

Prerequisite: Biology 20 (minimum of 60% recommended)

Biology 30 continues the themes of Human Physiology in Biology 20. The course navigates through four units: 1) Nervous and Endocrine Systems; 2) Reproduction and Development; 3) Cell Division, Genetics and Molecular Biology; 4) Population and Community Dynamics.

Chemistry 20

5 Credits

Prerequisite: Science 10 (minimum 65% recommended); Math 10C (minimum 70% recommended)

The units of Chemistry 20 are A) The Diversity of Matter and Chemical Bonding, B) Forms of Matter: Gases, C) Matter as Solutions, Acids, and Bases, D) Quantitative Relationships in Chemical Changes.

Chemistry 30 (This course has a diploma exam)

5 Credits

Prerequisite: Chemistry 20

The units of study for Chemistry 30 are:

- 1) Thermochemical Changes; 2) Electrochemical Changes; 3) Chemical Changes of Organic Compounds;
- 4) Chemical Equilibrium Focusing on Acid-Base Systems.

Physics 20

5 Credits

Prerequisite: Science 10 (minimum 70% recommended) and Math 10C (minimum 70% recommended)

The units in Physics 20 are

A) Kinematics; B) Dynamics; C) Periodic Motion; D) Conservation of Energy. There may be a field trip near the end of the semester.

Physics 30 (This course has a diploma exam)

5 Credits

Prerequisite: Physics 20

The units of study for Physics 30 are: of: 1) Momentum and Impulse;

2) Forces and Fields; 3) Electromagnetic Radiation; 4) Atomic Physics. We likely will have a field trip to the University of Alberta to perform experiments.

CAREER AND LIFE MANAGEMENT

3 Credits

Prerequisite: None

This program is designed to provide all senior high school students with opportunities to learn life skills and to make choices regarding their future. The course covers three themes which relate to choices (Personal, Career and Financial Choices). These themes are explored from a Christian world view. Due to timetabling restrictions, students should **NOT** take CALM through summer school or Alberta Distance Learning without permission from the office.

One of the major components of CALM is the preparation of a Career Portfolio. Each student will be provided with a portfolio binder compliments of the Sherwood Park and District Chamber of Commerce. The portfolio constitutes a major part of the final CALM mark.

Note 1: CALM in SCS is normally taken in grade 11

Note 2: CALM must be completed before you can receive a high school diploma.

SENIOR HIGH OPTION COURSES

Aquaponics (cts) 10/20/30

3 credits

Prerequisite: none

Did you know SCA has its very own farm? Aquaponics is a blend of fish and vegetable farming. Human agricultural practices take a toll on the environment; however, with increased population growth worldwide, it is necessary to develop and integrate new forms of food production that is efficient, ecological, and effective. Locally grown food also greatly reduces the carbon footprint of transporting produce. The course will explore growing with reduced usage of fertilizers and water. Sustainable food development involves stewardship of land, water, and food resources. As we model a positive way of urban farming, we look to serve the needy in our community.

AGR1050 – Plant Propagation

Students are introduced to plant structures and propagation techniques for growing healthy plants. Cultural requirements for plant production and technological and chemical influences on plant production are also explored.

AGR1100 – Agriculture Technology

Students describe applications of science and technology within the agriculture or horticulture industry.

AGR1150 – Greenhouse/Nursery Crops 1

Students apply concepts and processes related to growing a greenhouse crop, including plant anatomy and identification, growth requirements, physical structures and equipment, and production tasks.

Construction Technologies (cts) 10/20/30

3 Credits

There is nothing like building something with your own hands. The material we will be constructing with is wood, one of God's marvellous inventions. You will be introduced to many man-made inventions as well – both hand and power tools that will help you measure, cut, shape and assemble a variety of beautiful projects. This three credit course will begin with an Introduction to Basic Tools and Materials (CON1010), where you will build a mantle clock. Then we will proceed to Project Management (CON1120) and create a pine hall table. Our final project is a beautiful country wall shelf. We will create this in Solid Stock Construction (CON1130). There will be a healthy emphasis on personal safety. Each student will receive their own set of Oakley-style safety glasses as well as daily access to hearing protection. **Note:** No previous experience is needed, so don't be afraid to come into our woodworking lab and start building! The second and third levels focus on various aspects of cabinet making, additional furniture making, tool maintenance, furniture repairs and finishing operations as time, space and interest permit.

Course Fee: for building materials

CON 20 Construction Technology Intermediate

3 credits

Prerequisite: Con 10

Modules: CON1160 – Manufactured Materials
CON2120 – Multiple Materials
CON2130 – Furniture Making I (Box Construction)
CON2150 – Finishing & Refinishing
CON2160 – Cabinet Making I (Web and Face Frame)
CON2170 – Cabinet Making II (Door and Drawer)

CON 30 Construction Technology Advanced

3 credits

Prerequisite: Con20

Modules: CON3120 – Tool Maintenance
CON3130 – Furniture Making III (Leg and Rail)
CON3140 – Furniture Making IV (Surface Enhancement – Tile Inlay)
CON3160 – Cabinet Making III (Cabinets/Countertops)

Design Studies (Graphic Design) 10/20/30

3 credits

Digital MultiMedia 10/20/30

3 credits

Entrepreneurship/Enterprise

3 credits

Prerequisite: none

Today's world of work demands that individuals are able to navigate and build their own career paths while adapting to continual economic and social change. This course creates opportunities for students to learn and engage with the entrepreneurial spirit; developing the skills and knowledge people require in the 21st century. Students will explore their own personal passion as well as embrace the foundations of opportunity, innovation, and creativity.

Fashion Studies 10

3 Credits

Prerequisite: None

Fashion affects all aspects of our daily lives – in the home, school, workplace, and in the environment. Therefore, the Fashion Studies curriculum provides opportunities for the student to increase their knowledge of the fashion industry, and provides them with important daily living skills. The curriculum prepares the student for their role as a consumer, enables them to explore and prepare for fashion-related careers and enhances personal life by providing a creative outlet. As Christians we want to construct, wear, and think about clothing in such a way as to bring honor and glory to God. The student will have opportunity to practice good stewardship and Christian modesty in sewing clothing projects for yourself, friends, and family.

Modules covered in the course are as follows:

FAS 1030: Ready, Set, Sew!

Students learn how to safely use and care for sewing and pressing equipment, and apply these skills in project assembly.

FAS 1040: Fashion Basics

Students learn how to determine pattern size, choose a suitable pattern and fabric, make pattern alterations, and prepare the fabric and pattern for layout. Students apply these skills to the assembly of a garment.

FAS 1050: Repair & Recycle

Students will analyze garments based on fiber/fabric characteristics, quality, cost and maintenance requirements. They will demonstrate basic repair techniques and recycling of a garment.

FAS 1060: Creating Accessories I

Students will choose, adapt, or make a pattern for the home or personal accessory. They will identify accurate measuring techniques for the chosen accessory, describe correct pattern layout and marking techniques, and explain the importance of having step-by-step assembly instructions.

FAS 1070: Creative Yarns/Textiles

Students will describe various yarn arts suitable for leisure time activities, cottage crafts or personal expression of creativity. They will demonstrate and apply skills and knowledge of one yarn art by creating a textile art or craft.

Course Fee: for materials and lab costs

Fashion Studies 20

3 Credits

Prerequisite: Fashion Studies 10

Students who have completed Fashion 10 may enrol in Fashion 20.

Course Fee: for materials and lab costs

Fashion Studies 30

3 Credits

Prerequisite: Fashion Studies 10

Film Studies 15/25/35

5 credits

Prerequisite: none

Film Studies 15/25/35 will engage students in a comprehensive analysis of the history and evolution of the technical and artistic aspects of filmmaking. The course is designed for students who wish to develop an advanced understanding of filmmaking, to enhance their critical appreciation of films and for those considering post-secondary studies or a career in the industry.

The course is designed to increase students' understanding of film as a distinct form of art, technology, and visual media.

Food Studies 10

3 Credits

Prerequisite: None

The Foods Program begins an adventure into one aspect of God's incredible provision for us – FOOD! Students will taste gourmet delights they prepare while learning the basics of successful cooking and the benefits of healthy food choices. As they gain confidence in their cooking, they can share their results with family and friends. Knowledge gained here can enhance daily living skills and may open doors to career opportunities. The course contains a combination of lab work and academic work.

Modules covered in the course are as follows:

FOD 1010: Food Basics

Students learn to make wise food choices and to understand recipes, equipment, care in handling food, and the importance of safe and efficient work habits.

FOD 1020: Baking Basics

Students develop an understanding of basic baking ingredients, by combining them in a variety of ways to make cookies, cakes, muffins, biscuits, and breads

FOD 1040: Meal Planning I

Students begin to develop an understanding of eating meal requirements through the creative planning, preparing and serving of food.

FOD 1030: Snacks and Appetizers

Students apply the importance of snacking to the way we eat, by making nutritious, as well as delicious, snacks and appetizers.

FOD 1050: Fast and Convenience Foods

Students consider budget, time, quality of food and food alternatives, by making wise choices in the buying, using and preparing of fast foods and convenience foods.

FOD 1060: Canadian Heritage Foods

Students become aware of how food in Canada today reflects the country's history and origins, by examining food patterns and customs, and by analyzing and preparing ethnic foods.

Course Fee : for materials and lab costs

Food Studies 20

3 Credits

Prerequisite: Food Studies 10

Students who have completed Foods 10 may enroll in Foods 20.
Course Fee : for materials and lab costs

Food Studies 30

3 Credits

Prerequisite: Food Studies 20

Students who have completed Foods 20 may enroll in Foods 30.
Course Fee : for materials and lab costs

General Psychology

3 credits

Prerequisite: none

Psychology is the study of the mind and behaviour. By studying psychology, you come to understand human behaviour and appreciate more fully the reasons underlying your own acts and the actions of others. It is an exciting discipline (subject) that is applied in many fields of work. Students who pursue post-secondary education are likely to take a psychology course as a requirement for their program. Psychology 20 is an introduction to this fascinating subject.

Health & Wellness (Sports Performance) 15/25/35

3 credits

Sports Performance 15/25/35

Sports Performance focuses on developing elite athletes for the mental and physical demands of their sport or activity. The primary focus of this class is to develop sport specific, athletic development plans, which the students use during their time in the SCA Fitness Centre. Students will be assessed using the Functional Movement Screen in order to help design training plans that fit the needs of each individual student. Students learn about the Long Term Athletic Development model and examine how anatomy and physiology have a role to play in skill development. Students will also examine and assess the impact mental fitness has on sports performance through a variety of Sport Psychology credits.

Information Processing 103 (Mandatory course for Gr. 10 SCA students)

3 Credits

Prerequisite: None

A course designed to provide all students with a basic understanding of word processing, spreadsheets and visual composition. Students begin with word processing using Microsoft Word as a resource. The course then moves to working with spreadsheets through the use of Microsoft Excel. Finally, students will learn aspects of visual construction and manipulation within various medias using a variety of different software. This last module is a prerequisite for all high school computer option courses. After successfully completing this module, a student can pursue modules in photography, yearbook, digital art, print shop and digital multimedia.

1 Credit Courses: Word Processing 1 (INF1030), Spreadsheet 1 (INF1060) & Visual Composition (COM1005)

Leadership / Student Council

3 – 5 Credits

Prerequisite: None

The Leadership Program at SCS is the group of students that makes up the Senior High Student Council. The

instruction and planning required for the Student Council happens out of class and usually meets at noon or after school. Helping to run the student store is a requirement for this course as well as plan Senior High activities throughout the school year.

Mentorship Program:

Mission:

- 1) Enhance the spiritual development of our students
- 2) Provide emotional support for younger students
- 3) Improve the self-esteem of students

If you have the desire to pour into the life of a younger students with your time and friendship, prayerfully consider taking this course. We match a responsible high school student with a grade 7 in hopes to foster a meaningful connection between older and younger students at our school. Student mentors are expected to be committed to a full-year of weekly mentoring sessions (during the school day) and to be role-models at all times! Students who complete the 62.5 hours of mentorship time- which includes training, group and individual mentoring sessions, weekly journals and additional assignments- will earn 3 credits towards their diploma.

Musical Theatre 15/25/35

5 Credits

Prerequisite: Completion of Drama 10 & Audition

These courses require participation in the spring musical performance. The musical theatre program aims to provide an interactive environment of integrated study in dance, drama, technical theatre and vocal music for students who seek the challenge of working through the creative process to performance. It is expected that competencies in all of the above disciplines will become developed to the point where the individual feels confident in sharing their work with others through project work and/or performance both as a performer and informed critical viewer. Students need to understand the historical, cultural, and social aspects of both the musical theatre genre and selections chosen whether as individual selections or as the entire score of a show. Additionally, the course will foster an appreciation for the form and a professional attitude to performance preparing students for post-secondary and life-long theatre experiences-both amateur and professional in the role of performer as well as in the enjoyment of audience member. Students will also endeavour to extend learning to other situations and career choices.

Course Fee: for production costs

Personal Fitness 10/20/30

3 Credits

Prerequisite: None

The purpose of Personal Fitness is to provide student athletes an opportunity to learn a wide variety of knowledge, skills and attitudes that will help improve their physical, mental and social skills in sports. Through the combination of theory and practical exposure to areas of sport, students will learn about sport development through the study of:

- 1) training principles
- 2) performance enhancement
- 3) sports injuries
- 4) sports studies
- 5) personal development

Photography

3 Credits

Prerequisite/Co requisite: INF 103

Photography 10

3 Credits

This course is an introduction to the world of photography. Students learn how to operate an SLR camera and how to create specific photographic effects by adjusting shutter speed settings and aperture values. Students will also learn the elements of composition and learn to recognize these elements within other people's photographs as well as their own. The course is comprised of three one credit modules packaged into one cohesive course. Each student is expected to provide their own digital camera to use throughout the course.

Photography Intro. (COM1205), Photography Exposure (COM1215) & Photography Composition (COM2205)

Photography 20

3 Credits

Prerequisite: Photography 10 (Communication Technology 10)

This course takes students from the black and white photography of Photo 10 and into the vivid world of color and the great outdoors. The first module of the course expands student skills in photo editing and manipulation. These skills will serve students well as they explore the complexities of color photography. Finally, students research, plan for, and capture incredible outdoor photographs using the collective knowledge that they have gained in the photography program. This course is offered outside of school hours with numerous field trips.

Each student is expected to provide their own digital camera to use throughout the course.

1 Credit Courses: Digital Processing 1 (COM1275), Outdoor (COM3245), & Color (COM3225)

Photography 30

3 Credits

Prerequisite: Photography 20

In photography 30, students can choose one of 2 pathways that greater aligns with their interests. Students can pursue photographic communication (magazine covers, posters, etc...) or studio lighting. Each pathway ends with a special project module for students to exercise their creativity and to channel their passion for photography. This course is offered outside of school hours with numerous field trips.

Each student is expected to provide their own digital camera to use throughout the course.

1 Credit Courses: Digital Processing 2 (COM3275), Communication (COM2215), Com Project B (COM2910), Studio Lighting (COM3205), COM Project D (COM3910)

Reading 15

3 Credits

Prerequisite: None

Reading Pop Culture (through movies and books)

In this course students will read a wide variety of texts (visual and print) to increase their literacy skills; they will explore these texts for 1) understanding, 2) meaning, 3) interpretation, 4) world view, and 5) enjoyment. As students view films and read print stories, they will consider how these texts represent pop culture and faith in a personal and societal way.

Technical Theatre 15/25/35

Workplace Safety

3 Credits

Prerequisite: None

Workplace Safety is a series of courses designed to prepare you for the world of work. You will learn how to present yourself to prospective employers and what rights and responsibilities you have as an employee. 60% of work-related accidents happen to young workers, so it's important to learn to identify hazards and protect you from them. Employers are also looking for applicants who possess a wide range of special training certificates and in this course you will earn level 1 & 2 Safety Skills certificates through the Job Safety Skills Society, a Red Cross Standard First Aid/CPR ticket, as well as the Job Preparation module. **This course is a prerequisite for all Off-Campus Education courses including Work Experience, RAP and the Green Certificate program.**

Modules

- 1. CTR 1210: Personal Safety Management**
 - a.) Hazard Identification
 - b.) Hazardous Materials
 - c.) Fire Safety
 - d.) Personal Protective Equipment
- 2. CTR 2210: Workplace Safety Practices**
 - a.) Ergonomics
 - b.) Home and Farm Safety Programs
 - c.) TDG, Electrical Safety, Fire Prevention
- 3. CTR 1010: Job Preparation**
 - a.) Cover letters and Resumes
 - b.) Career Search and Interviews
 - c.) Work Place Safety
- 4. CMH 2120: First Aid/CPR (a two-day course)**
 - a.) Scene Management
 - b.) Artificial Respiration and CPR
 - c.) Choking and severe bleeding
 - d.) Fractures, eye injuries and medical conditions

OFF-CAMPUS EDUCATION

Off-Campus Education (OCE) The purpose of this program is to familiarize grade 10-12 students with the world of work and 'test-drive' different career paths they are interested in. We offer three streams: Work Experience, RAP (Registered Apprenticeship Program) and Green Certificate. Before students can begin Off-Campus Education courses, they must complete the Job Safety Course.

The SCS Off-Campus Education Program is all about students learning valuable work skills beyond the walls of their school. A company work site within the community becomes your 'classroom'. Mr. Rempel, SCS's OCE (Off-Campus Education) Coordinator, helps you locate a business that wants to partner with the school in your learning experience. Real-life resumes and interviews help you land a quality job, while customized skill and safety training give you the opportunity to excel at your work site. **Note: existing jobs students may have, do not normally qualify for Work Experience unless there is new learning going on. Also, the supervisor must be on site and not be leaving the work site for extended periods of time.**

OCE is different from a part-time job because of the training support you will receive and the unique job opportunities the school has access to. Students will also earn up to a maximum of 15 credits towards their high school diploma at a rate of 1 credit for every 25 hours of work.

In addition, many Work Experience students are promoted to RAP (Registered Apprenticeship Program) positions where they can earn up to 40 high school credits and count hours directly towards their first year apprenticeship and permanent employment. This program has enabled some students to complete their first year apprenticeship hours before graduating. What a head start on their career!!!

The following is a basic outline of our three main Off-Campus programs:

Work Experience

- 1) Can earn between 3 and 10 credits in any or all of Work Experience 15, Work Experience 25 and Work Experience 35 with a maximum 15 credits towards diploma. For example: 10 credits of W.Ex. 35 and 5 credits of W.Ex. 25.
- 2) These courses can be taken in any order (a student could start with Work Ex 35).
- 3) Students must earn a minimum of three credits (75 hrs) in the Work Experience course.
- 4) The coordinator will create student learning outcomes/ evaluation criteria.

Registered Apprenticeship Program

- 1) Following a 125 hour trial period through Work Experience, student is indentured with an approved company in any of the 50 + trades to begin their apprenticeship.
- 2) Eight 5 credit modules are completed in order (15a, 25a, 25b, 25c, 35a, 35b, 35c, 35d). These represent the 1000 hour work component of a first year apprenticeship.
- 3) Supervisor must have a journeyman in trade. There are some exceptions. Ask Mr. Rempel.
- 4) Coordinator will develop learning outcomes/evaluation criteria using first year apprenticeship learning outcomes in Blue Book as a guide.

Green Certificate Program

- 1) 15 credits + Personal Safety Management 1210 module (1 credit) will earn student an agricultural "Technician" certificate that is recognized across Alberta.
- 2) Student works with a farm "sponsor" who will provide employment and training expertise to learn the specific curriculum (developed in partnership with Alberta Agriculture) in chosen field (e.g. hogs, dairy, cow/calf, equine, bees, etc.)

FINE ARTS

Art 10

3 credits

Prerequisite: None

The secondary art program for Grades 10 - 12 is a unified sequential course.

Art 10 is designed to build up both basic skills, as well as teaching students how to express themselves. Students will explore various topics, such as self-expression, social justice, spirituality, environmentalism and culture. Although basic skills are taught in this course, the emphasis is on unlocking the creativity and expression that is in all of us. Students will be required to create art through drawing, painting and sculpture, but will also be given the opportunity to explore other mediums, such as digital art, 3D design and photography.

Please note that a student cannot get credit for both Art 10 and Digital Art 10. However, a student who has credit for Art 10 could go into Digital Art 20.

Course Fee: covers some materials – *Students will be given a list of materials that are necessary to purchase*

Art 20

3 credits

Prerequisite: Art 10

This course is a continuation of the skills developed in Art 10. Students will explore various topics, such as self-expression, social justice, spirituality, environmentalism and culture. Although basic skills will be built upon in this course, the emphasis is on unlocking the creativity and expression that is in all of us. Students will be required to create art through drawing, painting and sculpture, but will also be given the opportunity to explore other mediums, such as digital art, 3D design and photography.

Please note that a student cannot get credit for both Art 20 and Digital Art 20. However, a student who has credit for Art 20 could go into Digital Art 30.

Course Fee: covers some materials – *Students will be given a list of materials that are necessary to purchase*
Also, some materials may be re-used from Art 10 (ie. sketchbook, ruler, etc.)

Art 30

5 credits

Prerequisite: Art 20

This course is a continuation of the skills developed in Art 20. Students will explore various topics, such as self-expression, social justice, spirituality, environmentalism and culture. Although the skills developed in Art 20 continue to be built upon, the emphasis is on unlocking the creativity and expression that is in all of us. Students will be required to create art through drawing, painting and sculpture, but will also be given the opportunity to

explore other mediums, such as digital art, 3D design and photography. Students will also be given instruction on creating a portfolio for University submission.

As this is a 5 credit course, students who take this class over only 1 block must complete the other half of the work outside of the course.

Please note that a student cannot get credit for both Art 30 and Digital Art 30.

Course Fee: covers some materials – *Students will be given a list of materials that are necessary to purchase*
Also, some materials may be re-used from Art 20 (ie. sketchbook, ruler, etc.)

Drama 10/20/30

3 Credits

The Senior High Drama program addresses the following disciplines: movement, speech, improvisation, and acting, theatre studies, technical theatre/design, directing and playwriting. Students receive grades according to their growth in the disciplines as demonstrated through individual and group acting activities. Each course must be completed as a prerequisite to the next. The focus of the Drama program is to enable students to view drama as a performance ministry.

Course Fee: for supplies, etc.

Senior Jazz Band – Instrumental Jazz Ensemble 15/25/35

5 credit full year course

*This course is offered outside the regular timetable. Students registered in this class may take a spare in the regular schedule.

Pre-requisite – Entrance by Audition/Approval of Music Department

Co-Requisite - Students MUST be enrolled in Senior Concert Band in order to participate in Senior Jazz Band.

This course is available to the following instruments: Alto Saxophone, Tenor Saxophone, Baritone Saxophone, Trumpet, Trombone, Piano, Electric/Acoustic Bass, Drums and Electric Guitar. Other instruments accepted by consent of the Band Department. The focus of this course is the study of music performance through the jazz idiom and its various styles, as well as the development of jazz improvisation in a large jazz ensemble setting. Students will explore Jazz History and the development of Jazz music in addition to specific study of the prominent performers of their instrument. New students will pre-register in the Spring for conditional acceptance. Final acceptance will occur after an audition in September. ***This class is scheduled two mornings a week from 7:25AM – 8:40AM.***

Participation in all band performances, concerts and festivals is a regular and compulsory part of this course. All pertinent dates will be supplied in the band handbook in September.

Course Fee: for incidental supplies

Tour dates and fees will be released as they become available.

Senior Concert Band – Instrumental Music 10/20/30

5 credit full year course

This course is offered outside the regular timetable. Students registered in this class may take a spare in the regular schedule.

Prerequisite: Band 9/10/20 or by consent of the Band Department

This course is a continuation of Band 9, Band 10, and Band 20 respectively, with students further developing their musical skills and knowledge. Students are required to continue with the same instrument on which they finished Band 9 or they must display adequate competence on their chosen instrument. Performance opportunities in Senior Jazz Band, small ensembles and solo settings will be available and encouraged. Available instruments of study include: flute, oboe, bassoon, clarinet, bass clarinet, alto saxophone, tenor saxophone, baritone saxophone, trumpet, french horn, trombone, euphonium, tuba, string bass and percussion. ***This class is scheduled Monday (Full Band) and Friday (Alternating Sectionals - Brass/Percussion OR Woodwinds) mornings from 7:30AM – 8:40AM.***

Participation in all band performances, concerts and festivals is a regular and compulsory part of this course. All pertinent dates will be supplied in the band handbook in September.

Course Fee: \$75 (includes a \$50 tour deposit)

Reed Fee: An optional fee of \$30.00 supplies the student of any reed instrument with sufficient reeds for the year. Those who choose not to pay this fee are responsible for supplying their own reeds.

Percussion Maintenance Fee: \$35.00 – applies only to percussionists.

Tour dates and fees will be released as they become available.

Students are responsible for renting or purchasing the appropriate instrument and cleaning supplies from a recognized music store. (Some exceptions may apply for larger/more expensive instruments)

School of Worship Arts 15/25/35 (officially called Chamber Ensemble 15/25/35)

5 credit, full year course

Pre-requisite: (15) Entrance by Audition and Interview; (25) Successful Completion of Music 15 and Recommendation of Instructor; (35) Successful Completion of Music 15 and Recommendation of Instructor.

This course is available to the following instruments: Piano, Bass, Drums, Guitar, and Voice. Students wishing to participate on another instrument must consult the Music Department.

This course aims to raise up highly skilled musicians with a firm Biblical foundation in worship leadership. Students will study the fundamentals of musical technique on their instruments as well as basic music theory and ear training common to all musicians. A firm scriptural basis for worship components, styles and leadership techniques will be thoroughly explored and applied as the students learn to lead the band and their fellow students in practical settings such as chapels and other times of worship. The course consists of in-class components as well as practical, out-of-class projects requiring the demonstration of skills learned.

Course Fee: covers costs of periodic professional clinicians on each instrument

Choral Music 10/20/30 (Choir)

5 credit, full year course

This course is open to all students who have a desire to learn about Choral Music. There is no prerequisite, but previous musical knowledge (piano lessons, singing in church, singing in choir) is helpful. Topics that will be covered in class are as follows: reading melody, harmony, rhythm, singing in different languages, singing in a variety of musical styles and genre, singing in 4 part harmony, and any other issues related to choral music.

Participation in all choral performances, concerts and festivals is a regular and compulsory part of this course. We may also be touring with the senior concert band. The course fee is \$50 which will be used for the purchasing of new music and/or masterclasses.

SECOND LANGUAGE PROGRAMS

French

The French program strives to help students develop an understanding of the contemporary values and culture of French-speaking people. The program also assists students to achieve competence in the four basic language skills: listening, speaking, reading, and writing.

French 10

5 Credits

Prerequisite: French 9

This French course takes students from a beginning level French to an intermediate Level French. It continues to develop speaking and listening skills alongside those of writing and reading. Pronunciation and syntax/grammar will also continue to be developed. **NOTE:** French 20 and French 30 subject to availability.

French 20

5 Credits

Prerequisite: French 10

This intermediate level French course builds on an acquired proficiency with French and extends this through exposure to a wider range of vocabulary and language structures. Oral and written communication skills are strengthened and cultural awareness is deepened.

French 30

5 Credits

Prerequisite: French 20

The second intermediate level French course increases oral and written accuracy through structured exercises and compositions. It provides students with University entrance in French.

Spanish 10/20

5 credits

Prerequisite: None

Spanish will provide students with the opportunity to learn the Spanish language through grammar, reading, writing, and vocabulary. Students will also become acquainted with Spanish and Latin American culture, geography, history, and music. There will be a variety of different learning strategies and activities to help study this beautiful language.

PHYSICAL EDUCATION

Physical Education 10

5 Credits

Prerequisite: None

The aim of Physical Education 10 is to enable individuals to develop the knowledge, skills and attitudes necessary to lead an active, healthy lifestyle. Strong evidence exists that involvement in physical activity contributes to the overall well-being of individuals. Students will meet the aim of the program if they have developed a desire to participate regularly in physical activity. The aim can only be achieved by addressing the prescribed outcomes within an environment wherein students are emotionally and physically safe, the climate is positive, and a variety of developmentally appropriate, skill-building experiences are provided. The program is based on four general outcomes that are interrelated and interdependent. The ABCD's of PE are: Activity, Benefits to health, Cooperation and Do it daily for life.

5 credit course - no fee required

NOTE: PE dress code required

Course Fee: for supplies

Physical Education 20/30

3 Credits

Prerequisite: Physical Education 10/20

The aim of Physical Education 20/30 is to enable individuals to develop the knowledge, skills and attitudes necessary to lead an active, healthy lifestyle. Strong evidence exists that involvement in physical activity contributes to the overall well-being of individuals.

Students will meet the aim of the program if they have developed a desire to participate regularly in physical activity. The aim can only be achieved by addressing the prescribed outcomes within an environment wherein students are emotionally and physically safe, the climate is positive, and a variety of developmentally appropriate, skill-building experiences are provided.

The program is based on four general outcomes that are interrelated and interdependent. The ABCD's of PE are: Activity, Benefits to health, Cooperation and Do it daily for life.

NOTE: Course Fee: for off campus activities

PE dress code required

Other equipment may be required: e.g. hockey helmet, skates, hockey stick

Specialty Supplies Required

Bible (suggested NIV)

Graphing Calculator (for Senior High Math and Science)

- purchase after consulting with Math teacher

SCA Gym Attire

- T-shirt and shorts
- non-marking 'gym' athletic shoes

Supply lists for individual classes are given out when classes begin. A student should be d Junior & Senior High core subjects generally require a binder with some loose leaf paper.

Supply lists for option courses will be given out in the first week of school from the teacher.

AWARDS & SCHOLARSHIPS

Each year many Strathcona Christian Academy Secondary School students achieve outstanding performances in a number of areas. These efforts are rewarded by a variety of awards and scholarships made available through various institutions and agencies. Students are encouraged to make inquiries regarding these through the institutions themselves, the Alberta Student Finance Board and the Career Centre at SCS. It is also recommended that students search through the following websites www.studentawards.com. Some available scholarships are:

1. Alexander Rutherford Scholarships

Awarded annually to recognize and reward exceptional scholastic achievement at the high school level. Refer to <http://www.alis.gov.ab.ca/pdf/scholarships/RutherfordDesignatedCourses.pdf> for the requirements for the Rutherford Scholarships.

2. Governor General of Canada Medal

Awarded annually to the graduate receiving the highest academic standing in Grade 12. This award is presented at the September Awards Assembly. Student averages are calculated based on the Alexander Rutherford criteria.

3. Shell Scotford Career Technology Scholarship

- must be enrolled in a technology program or apprenticeship program
- must be involved in school or community volunteer work
- must provide letter of acceptance from post-secondary institution or from employer
- \$500.00

4. Sherwood Park Lion's Club (Breakfast Club)

- must be involved in school or community volunteer work
- must be accepted into post-secondary schooling (Bible school, college, etc.)
- must provide letter of acceptance from post-secondary institution
- \$300.00 and a plaque

5. Lion's Club of Sherwood Park (Supper Club)

- for a student in an apprenticeship or diploma program

- must demonstrate good work ethic
 - must provide letter of acceptance from post-secondary institution
 - \$250.00
6. **Sherwood Park Rotary Club**
- must have plans for the fall (post-secondary institution or career related work)
 - must have displayed academic growth through high school
 - must provide letter of acceptance or letter describing plans for employment
 - \$500.00 and a plaque
7. **Premier's Citizenship Award**
- plaque, letter of commendation and \$200.00 from SCS Student Council
 - awarded to a student who displays outstanding characteristics in the following areas:
 - citizenship in the community
 - leadership in school and community activities
 - volunteer service in the school or community
8. **Turk Mahan Memorial Scholarship**
- must be enrolled in a post-secondary institution (either degree or apprenticeship)
 - must demonstrate a strong work ethic
 - must be involved in school or community volunteer work
 - \$500.00 scholarship

SCS SCHOLARSHIPS AND AWARDS:

A number of awards are presented to students each year in recognition of exceptional achievement. This recognition will normally take the form of a trophy; however, other forms may be utilized. Listed below are the awards that are currently being presented. It is anticipated that other awards may be added.

1. **The Francine White Memorial Trophy "School Spirit Award"**
- presented to the student who has consistently displayed the fruit of the spirit as described in Galatians 5:22-23.
 - \$200.00, plaque and letter
2. **Reverend Harald Throness Bible School Tuition Scholarship**
- \$500 scholarship and plaque awarded annually to a Grade 12 student
 - must be enrolled in a Bible school program for the fall and must provide letter of acceptance
 - must have a strong Christian testimony and good standing in Bible 30
3. **Lynette Marian Hanemann Memorial Bursary**
- \$500 award
 - given to a returning SCS student demonstrating a financial need
 - student must also demonstrate a commitment to their studies
4. **Len Siemens Memorial Scholarship**
- presented to a top ranking grade 12 student and two grade 9 students
 - must attend a post-secondary institution and must provide letter of acceptance
 - must have a minimum of 80% average
 - must have a clear Christian testimony and consistent lifestyle and
 - demonstrate leadership qualities
 - a \$500.00 scholarship, a plaque and a letter awarded to a grade 12 student also, two - \$200.00 scholarships awarded to returning SCS grade 9 students

5. **Sarah Dickson Memorial Scholarship** - Sarah's Joy Dickson's enthusiasm for life was a reflection of her relationship with God. She tried to love God unconditionally and desired to serve him with an honest heart. Sarah tried to attack every aspect of her life, whether it was academics, sports or relationships, with the best effort she could give. Sarah showed compassion and friendship towards everyone; however, she served God best by sincerely reaching out to the lonely, needy and unloved. This scholarship is awarded to:
 - a grade 12 student who exemplifies an attitude of love and care towards God, school and others
 - \$200.00, plaque and letter

6. **Caitlin Wychopen Memorial Scholarship**
 - \$500 and certificate
 - Someone who works behind the scenes as a quiet encourager to teachers and students.

7. **SCS Art Award**
 - presented to the student that demonstrates excellence in their art class
 - plaque and letter

8. **SCS Drama Award**
 - presented to the student that demonstrates excellence in their drama class
 - plaque and letter

9. **Service Award**
 - presented to two students who have made outstanding contributions in service at SCS
 - plaque and letter and \$500.00 each

10. **The Outstanding Bible Student Award**
 - presented to a grade 12 student who has done outstanding work in Bible class (high marks, servanthood, honor for the things of God)
 - awarded a Bible and letter

11. **Senior High Honour's Requirement:**
All honour roll calculations are performed according to the Elk Island Public Schools policy.
 EIPS uses the Alexander Rutherford Scholarship criteria for these calculations.
<http://www.alis.gov.ab.ca/pdf/scholarships/RutherfordDesignatedCourses.pdf>

12. **Outstanding Athlete** - a trophy is presented to a student selected by the coaches in each of the following four categories: Junior girls, Senior girls, Junior boys and Senior boys.

13. **Outstanding Band Student** - a certificate is awarded to a band member from each band selected by the band director and the band members.

14. **The Tim Shapansky Memorial Award** - is presented annually in honour of Tim whose assignment on earth was suddenly and unexpectedly ended when the Lord called him home on May 30, 2002. Tim was a Grade 11 student at SCS and had completed two years in the Leadership Training Program. His mission trips to Mexico and Romania had sparked in him a desire to serve the Lord in mission work. This award is presented to the student who has demonstrated commitment to personal character growth and leadership development. In the future, this student should have a desire to serve God in some type of mission work.

POST SECONDARY INSTITUTION INFORMATION

For information about Post Secondary programs, please refer to www.alis.ca