



Strathcona High School

EXCEPTIONAL OPPORTUNITIES; VIBRANT COMMUNITY



2026/2027

PROGRAM GUIDE



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“ **SCONA OFFERS A CHANCE
FOR EVERY TYPE OF PERSON TO SHINE.** ”



We strive to develop thoughtful learners and dynamic leaders who are prepared to embrace challenges and make meaningful contributions to society.



STAFF

Principal / HANS VAN GINHOVEN

Assistant Principals / RICHARD MCADIE /
KELLY REIERSON / NATASHYA SHEWCHUK

DEPARTMENT HEADS

English / TENNILLE BONE

Social Studies / BEN SAGER

Science / SETH GREGORY

Mathematics / RUSSELL LYONS

International Languages / JENNIFER FRANCIS

Fine and Performing Arts / LINETTE SMITH

Physical Education / KYLE PALMER

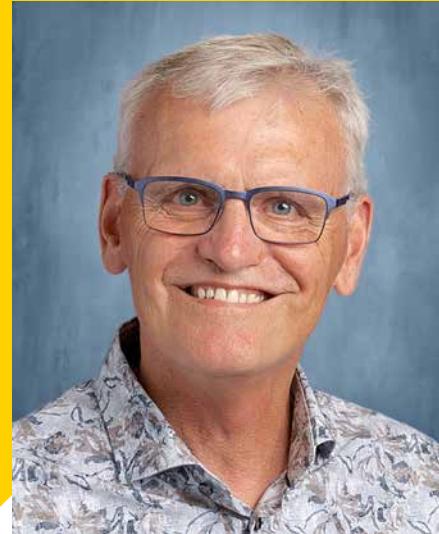
Athletics / JOSH SPRONK

Career and Technology Studies / HUNG LY

Student Leadership / ALVIN LEE

Student Services / TRACY GERUN

Advanced Placement / SCOTT COUPRIE



WELCOME

Since 1907 Strathcona has been about excellence. Our outstanding achievement results and our Advanced Placement scores have given us a reputation of being one of the finest schools in Canada. We pride ourselves in pushing to excellence and success in Athletics, Fine Arts, International Languages, Career and Technology Studies and Student Leadership. We strive to build a community with our motto "As One Who Serves." In serving the community and the world Scona has raised over 4 million dollars for worthy causes.

Strathcona is a learning community where exemplary staff work with students and parents to provide an environment in which learning thrives and students are given the skills to become the leaders of the 21st century.

Strathcona prides itself in preparing students for post-secondary education and the world of work. This Program Guide will give parents and prospective students a description of the courses, programs and activities available at Strathcona to support students in high school and beyond.

This information is also available on our website:
strathcona.epsb.ca.

We look forward to welcoming you at Strathcona. If you need more information, would like to meet with us or tour our facilities, please give us a call.

Hans Van Ginhoven
Principal

SCONA FEATURES: A co-curricular program aimed at maximum involvement and excellent performance.
There are extensive opportunities to participate in Leadership, Fine Arts, Athletics and many clubs

SCONA FEATURES: Extracurricular trips include many trips within Alberta as well as international experiences

CLUBS AND CO-CURRICULAR ACTIVITIES

CLUBS AND ACTIVITIES

At Strathcona we offer a wide variety of clubs and activities for our students to become involved in during the year. Below are examples of experiences that fostered a positive community environment at our school.

- Alberta Youth Theatre Collective (previously known as "Cappies")
- One Acts-Scona Acts Club
- Black Students' Alliance
- Book Club
- Breakdance Club
- Card Games Club
- Community and Competitive Computer Science
- Culinary Arts Club
- Debate Club
- Diversity Club
- D & D Club
- GSA (Gender-Sexuality Alliance)
- History Club
- International Exchanges
- Intramurals
- Improv Club
- JEDI Club (Justice, Equity, Diversity & Inclusion)
- Language Student Task Force
- Letterbox'd Club
- Library Club
- Lunchables
- Media Club (A/V Club)
- Medical School Club
- Model UN
- National Biology Competition
- Peer Tutors
- Reach for the Top Club
- Robotics
- Science Olympics
- Scona's Founding Culture's Club
- Scona Student Alliance
- Scona Track Club
- Scona Writes
- Sewna
- Ski and Snowboard Club
- Students' Union (SU)
- Travel Club
- Ukelele Club
- Yearbook

SCONA ATHLETICS: TRADITION AND EXCELLENCE

Co-curricular activities are strong both in the number of participants and the quality of performance.

Strathcona teams have won numerous city and provincial championships over the years. Our successes in the number of championships are unequalled in Alberta. Our student athletes represent themselves and the school to the best of their abilities, not only athletically but in the classroom and the community as well. When our students wear the Lord's uniform, they wear it with pride and dignity living up to the School Motto – "Ut Qui Ministrat" (As One Who Serves). We offer the following interschool athletic programs:

SEPTEMBER

- Cross Country
- Football
- Golf
- Junior and Senior Boys Volleyball
- Junior and Senior Girls Volleyball
- Swimming
- Flag Football
- Wrestling

NOVEMBER

- Curling
- Indoor Soccer (Co-Ed)
- Junior and Senior Boys Basketball
- Junior and Senior Girls Basketball

APRIL-MAY

- Boys Soccer
- Girls Soccer
- Boys Rugby
- Girls Rugby
- Slow Pitch
- Track and Field
- Ultimate Frisbee

FEBRUARY

- Badminton
- Indoor Track



STUDENT LEADERSHIP

STUDENT LEADERSHIP 15, 25, 35

Our Leadership program is one of the largest and most dynamic programs in Canada. With over hundreds of Scona students taking Leadership, next year is going to be EPIC! We want YOU to join our team!

5 CREDITS

CLASS OPPORTUNITIES

- Experiential learning that challenges students to learn about themselves and others
- Receive volunteer and mentorship opportunities in the school and local community
- Development of leadership and interpersonal skills
- Create long lasting relationships and networks which extend well past high school.

HIGHLIGHTS

- Organize Scona's annual Fanpede
- Host of the annual "Scona Initiative" which has raised over 4 million dollars for local and global service projects
- Fueling Futures (2026) - Edmonton's Food Bank
- Newcomers to Canada Camp (2025) – Tim Horton's Camp Foundation
- Beyond the Books (2025) – Sombrilla
- Safe Exit (2024) – Zebra Centre
- Mission Moonwalk (2023) – To YES (Youth Empowerment & Support Services) and Beyond
- The DeFEET Hunger Campaign (2021) – The Bissell Centre and Edmonton Food Bank
- The One! Step Forward Campaign (2020) – One International Poverty Relief
- The Beyond Borders Campaign (2019) – Doctors Without Borders
- The Break The Cycle Campaign (2018) – World Food Programme in partnership with Earth Group
- The Hope in Motion Campaign (2017) – The Jack Davis Hope Foundation
- The Bike2Box Campaign (2016) – Shelterbox Canada
- The Treehouse Project (2015) – The Bissell Centre and Change for Children

See the Initiative history on
www.sconainitiative.ca

“
**SCONA MAKES IT THEIR MISSION
TO MAKE EACH DAY BETTER FOR EVERY
PERSON THEY CAN. IT'S A SCHOOL
WHERE ALL ARE RECOGNIZED AND
INCLUDED IN SCHOOL EVENTS AND
ACTIVITIES. IT'S A PLACE WHERE
HUNDREDS OF PEOPLE COME TOGETHER
TO TRY AND MAKE
A DIFFERENCE IN THE WORLD.**
”



STUDENTS' UNION

Strathcona's Students' Union is one of the pillars of Scona's tradition and is the heart of the school community. The club allows students the opportunity to help unify the school community. Students' Union is committed to promoting school spirit by organizing and executing large school-wide events.

There are also opportunities to become further involved in the Students' Union by becoming a SU Executive member and managing a portfolio such as Communications or Community Connections. Whether you are an Executive member or not, we encourage everyone to volunteer and participate in different Students' Union activities! The Students' Union organizes many school-wide events to make the school year memorable including:

- Welcome Week
- Spirit and Theme Days
- Fan Experience Games
- Hallow-week
- LIT (Talent Show)
- Week of Winter
- Open House
- Puttin' On The Ritz (Formal Day and Dance)

By involving every student who wishes to be part of something great, Strathcona Students' Union creates a whole school experience that is full of spirit! We are looking forward to you coming out and helping make 2026-2027 Strathcona's best year ever.

"THE SCHOOL SPIRIT HERE IS LIKE NO OTHER SCHOOL I'VE EVER EXPERIENCED OR EVEN HEARD ABOUT. NONE OF MY FRIENDS AT OTHER SCHOOLS ENJOY PARTICIPATING IN SCHOOL EVENTS AS MUCH AS THE STUDENTS AT SCONA DO. THE ACADEMICS ARE GREAT, THE ATHLETICS ARE WONDERFUL, AND THERE'S NOT MUCH ELSE YOU CAN ASK FOR FROM A SCHOOL."

STUDENT SERVICES

Student Services is one of the hubs of Strathcona. Geared toward providing exceptional support for our whole school community, we pride ourselves on meeting the individual needs of students. Student Services coordinates a range of academic supports, including high school planning, accommodations for special needs, and monitoring graduation requirements. We also offer guidance on career and post secondary planning, assisting students with exploring a variety of options and applications. Finally, Student Services can assist students with personal concerns that may be creating non-academic barriers to learning. Whatever the need, we work with students, parents, and staff to ensure students have the supports they need to be successful.

FACULTY

Department Head of Student Services / TRACY GERUN

Counsellor / TOM YONGE

Social Worker / D'WAN WILLIAMS

Work Experience/RAP Coordinator / DARIA PUCKRIN

Administrative Assistant / AMY MADSEN

PERSONAL COUNSELLING

- Individual / family concerns
- Emotional support
- Personal support plan
- Parent / student mediation
- Referrals to outside agencies

HEART CENTRE OF SCONA

POST SECONDARY AND CAREER COUNSELLING

- School information and selection
- Online applications
- Scholarship information
- Career investigation/ Career pathways
- RAP / Work Experience

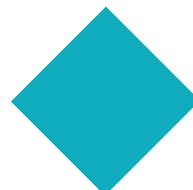
EDUCATIONAL COUNSELLING

- Grade 10, and grade to grade transitioning
- Program planning
- Course selection
- Graduation requirements
- Skill development
- Studying
- Communication
- Organization



SCONA FEATURES:

Sixteen Rhodes scholars, including the first female Rhodes scholar from Alberta



FIRST NATIONS, MÉTIS AND INUIT STUDENT SUPPORT

We strive to promote a caring, welcoming, and positive place where Indigenous students see themselves, their contributions and their culture represented, respected, and celebrated. Together with our Student Services team, our Indigenous Liaison facilitates supports such as:

- academic and career planning
- wellness strategies
- study skills and tutoring
- access to elders, knowledge keepers, and cultural ways of knowing
- student-led social justice initiatives and self-advocacy skills
- community building celebrations



SCONA FEATURES: Student Services is a warm and welcoming space where students are able to gather throughout the day. We have therapy dogs who visit, host presentations from different post secondary schools, and have a wealth of resources available from a variety of universities, colleges, and technical institutes.

“ **STRATHCONA IS MORE THAN JUST A SCHOOL. IT'S A COMMUNITY THAT TAKES CARE OF EACH OTHER.** ”

PLANNING YOUR HIGH SCHOOL PROGRAM



GRADE CREDIT SUGGESTION

Strathcona High School suggests a credit load minimum for all grade levels. Accurate course selection before school starts helps to make sure that students have the opportunity to be successful.

Grade 10 students could carry 40 credits

Grade 11 students could carry 35 credits

Grade 12 students could carry 30 credits

COURSE NUMBERING SYSTEM

Grade 10 courses are given numbers starting with 1

- e.g. English 10-1, Social Studies 10-2

Grade 11 courses are given numbers starting with 2

- e.g. Math 20-2, Biology 20

Grade 12 courses are given numbers starting with 3

- e.g. Drama 30, Math 31

SCONA FEATURES: Virtual library allowing students access to resources 24 hours a day



CHOOSING COURSES

The courses chosen in Grade 10 will determine the Grade 12 courses available and ultimately the post-secondary programs to which students may apply. In order to keep options open it is a good idea to select a high school program that will allow some flexibility. Consider the following when choosing courses:

1. Choose a wide variety of options in the Grade 10 year.
2. Students should give some thought to their choice of sciences within their three year plan. Even though only one science is required for a high school diploma students may choose more in order to keep options open. Considerations should be given to interests and strengths. For example, Physics and Chemistry are more Math related and Biology involves more reading and memorization. The Science 20 and 30 stream involves all three disciplines and therefore is more general. Science 30 and Computing Science 30 are also recognized as university entrance courses in a number of faculties.
3. Students may consider choosing a 20 level Science course for the second semester in Grade 10. Available courses are Biology 20/20 AP or Chemistry 20/20 AP. This strategy allows students to take a 30 level diploma course in their Grade 11 year. This should only be considered if they are strong academically in the subject they are fast tracking.
4. A three year plan which involves Math 31 should be considered if the student is strong in Math and wishes to go into a post-secondary math related program (e.g. Science, Business, Engineering, Computer Sciences).
5. Grade 12 level Fine Arts, International Languages, Physical Education, CTS and other 30 level options may be used as entrance requirements to some faculties in some post-secondary institutions.

ENTRANCE TO UNIVERSITIES, COLLEGES AND TECHNICAL INSTITUTES

Entrance to university normally requires a high school diploma which includes completion of five specific Grade 12 courses. Each program may require different subjects and entrance averages therefore it is recommended that students check admission requirements on a yearly basis. This can be done by checking with the counsellors in Student Services or by contacting universities directly.

The majority of college programs in Alberta require a high school diploma. As well, technical programs at NAIT and SAIT prefer a high school diploma for students entering directly after Grade 12. Prospective students are encouraged to consult with counsellors in Student Services, check the daily bulletin for visiting institutions, and view the website of the respective college in which they are interested. As well, plan to visit these institutions during yearly "Open House" sessions to clarify the specific requirements. Students should be aware that many of these programs have limited enrolment policies.

THE ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program empowers students with critical and creative thought at a level beyond provincial high school programming, thus providing exceptional opportunities to take on university level work in a safe and encouraging environment.

OBJECTIVES OF THE PROGRAM:

- To prepare as many students as possible for optimum success in their post-secondary studies
- To provide students with an enriched and challenging academic program in the company of like-minded students
- To develop and extend students' skills of acquiring, organizing and evaluating ideas and information
- To stimulate students' critical and creative thinking skills as well as divergent and abstract thinking abilities
- To nurture students' independence and autonomy in learning and communicating ideas

PREREQUISITES FOR REGISTRATION

Because of the rigorous nature of the courses, students considering the program must:

- Demonstrate consistent superior achievement in their academic subjects (honours marks)
- Demonstrate high levels of self-discipline and motivation
- Make a commitment to serious academic learning

FOR FURTHER INFORMATION REGARDING THE ADVANCED PLACEMENT PROGRAM:

- Check out Strathcona's Advanced Placement Brochure on our website at strathcona.epsb.ca
- See the Advanced Placement Program website at apstudents.collegeboard.org
- Contact Scott Couplie, Curriculum Coordinator of AP, at scott.couplie@epsb.ca

PROGRAM OUTLINE

1. Content in AP classes is delivered at an accelerated pace to expand upon the Alberta curriculum.
2. Evaluation of the Alberta curriculum in these courses parallels that of regular classes and AP students write final exams equivalent to those in regular classes.
3. A distinct advantage of the AP program is flexibility. A student may enrol in one, some, or all AP courses. Students are not required to schedule additional time to complete AP courses which leaves room for complementary courses.
4. Upon completion of senior level AP courses, students write internationally recognized exams prepared and scored by the College Board.
5. Students registering in AP courses may obtain credit and/or advanced placement in major Canadian and American universities.
6. Students may use the higher grade of either their AP or final 30 level mark when applying to many post-secondary institutions.

SCONA FEATURES: Our Advanced Placement program is one of the largest and most comprehensive in Canada, offering a full slate of courses, including AP Capstone. In 2025, the College Board recognized 182 Strathcona students as distinguished AP Scholars.

AP CAPSTONE

This academic skills-based program allows students the opportunity to immerse themselves in complex topics while developing analytic, research, problem-solving and communication skills. As they deepen their passion for learning through extended exploration of issues, students begin to master sophisticated academic skills, culminating in research and communication skills that are fundamental to postsecondary studies.

CAPSTONE PREP

Grade 10

In this course, students are introduced to the fundamentals of strong research, presentation, and communication skills. These enhanced skills will prepare students for AP seminar in their Grade 11 year, while also benefiting them in other classes.

3 CREDITS

AP SEMINAR

In this course, students consider issues from multiple perspectives, evaluate the strength of an argument, and make logical, fact based decisions. For assessment, students will complete a team project and presentation, deliver an individual presentation with oral defense, and take an international written end-of course exam.

5 CREDITS

AP RESEARCH

In this course, students complete an independent research project on a self-selected topic of interest. During the course, students complete a 5,000 word academic thesis paper, a presentation and oral defense. These assessments form the basis of their course work.

5 CREDITS

The College Board recognizes students who complete the Capstone program with one of two different awards, which are valued by post-secondary schools around the world.

AP CAPSTONE CERTIFICATE

Students who earn scores of 3 or higher in AP Seminar and AP Research receive the AP Capstone Certificate.

AP CAPSTONE DIPLOMA

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP exams of their choice receive the AP Capstone Diploma.

CAPSTONE UPDATES: At the time of this publication, we are in discussions about evolving our Capstone Program to better fit student needs. Join us at our AP Night and/or Open House to learn more about this exciting pathway.





ALBERTA HIGH SCHOOL DIPLOMA

To earn an Alberta High School Diploma, a student must:

Earn a minimum of 100 credits, and complete the following courses:

1. English Language Arts 30 level (English 30-1 or 30-2)
2. Social Studies 30 level (Social 30-1 or 30-2)
3. Mathematics 20 level (Math 20-1 or Math 20-2 or Math 20-3)
4. Science 20 level (Biology 20, Chemistry 20, Physics 20, Science 20 or Science 24 or Science 10 and 14)
5. Physical Education 10 (3 credits)
6. Career and Life Management 20 (3 credits)
7. 10 or more credits in any combination from:
 - Career and Technology Studies (CTS)
 - Fine Arts
 - Second Languages
 - Physical Education 20 and/or 30
 - Locally authorized courses in CTS, Fine Arts or Second Languages
 - Registered Apprenticeship Program (RAP)
8. 10 or more credits in any 30 level courses in addition to the English and Social Studies requirements which includes:
 - 30 level Math, Science, Fine Arts, CTS, Second Languages or Physical Education
 - 30 level locally authorized course
 - 35 level Work Experience
 - 35 level Registered Apprenticeship Program (RAP)

A credit represents the specific knowledge, skills and attitudes that most students can achieve with approximately 25 hours of instruction.

MY PASS

myPass is an Alberta Education secure self-service website for high school students to:

- View and print diploma exam result statements
- Order transcripts
- And more

Visit myPass.alberta.ca to request access.

Help Desk
cshelpdesk@gov.ab.ca
780.427.5318

GRADE 10 COURSES	CREDIT VALUE	GRADE 11 COURSES	CREDIT VALUE	GRADE 12 COURSES	CREDIT VALUE
English 10-1	5	English 20-1	5	English 30-1	5
English 10-1 AP	5	English 20-1 AP	5	English 30-1 AP	5
English 10-2	5	English 20-2	5	English 30-2	5
English Language Learning: Level 1-4	5	English Language Learning: Level 1-4	5	English Language Learning: Level 1-4	5
Social Studies 10-1	5	Social Studies 20-1	5	Social Studies 30-1	5
Social Studies 10-1 AP	5	Social Studies 20-1 AP	5	Social Studies 30-1 AP	5
Social Studies 10-2	5	Social Studies 20-2	5	Social Studies 30-2	5
ESL Canadian Studies 15	5	ESL Canadian Studies 15	5	ESL Canadian Studies 15	5
		Personal Psychology 20	3	Indigenous Studies 30	5
				Experimental Psychology 30	3
Math Transitions	5	Mathematics 20-1	5	Mathematics 30-1	5
Mathematics 10C	5	Mathematics 20-1 AP	5	Mathematics 31	5
Mathematics 10C AP	5	Mathematics 30-1 AP	5	Mathematics 30-1 AP	5
Mathematics 10-3	5	Mathematics 20-2	5	Mathematics 31 AP	5
		Mathematics 20-3	5	Mathematics 35 AP	5
				Mathematics 30-2	5
				Statistics 35 AP	5
Science 10	5	Science 20	5	Science 30	5
Science 10 AP	5	Biology 20	5	Biology 30	5
Science 14	5	Chemistry 20	5	Chemistry 30	5
		Physics 20	5	Physics 30	5
		Biology 20 AP	5	Biology 30 AP	5
		Chemistry 20 AP	5	Chemistry 30 AP	5
		Physics 20 AP	5	Physics 30 AP	5
		Science 24	5		
Physical Ed. 10	5	Physical Ed. 20	5	Physical Ed. 30	5
Sports Performance 15	5	Sports Performance 25	5	Sports Performance 35	5
Yoga 15	3	Yoga 25	3	Yoga 35	3
CALM 20	3	CALM 20	3	CALM 20	3
Leadership 15	5	Leadership 25	5	Leadership 35	5
French 10-9Y	5	French 20-9Y	5	French 30-9Y	5
French 31A AP	5	French 31B AP	5	French 31C AP	5
German Language and Culture 10	5	German Language and Culture 20	5	German Language and Culture 30	5
German Language Arts 10 AP	5	German Language Arts 20 AP	5	German Language Arts 30 AP	5
Spanish Language and Culture 10-3Y	5	Spanish Language and Culture 20-3Y	5	Spanish Language and Culture 30-3Y	5
Spanish Language Arts 10 AP	5	Spanish Language Arts 20 AP	5	Spanish Language Arts 30	5
Spanish Social Studies 10-1	5	Spanish CALM 20	5		
Art 10	5	Art 20	5	Art 30	5
Drama 10	3 or 5	Art 20 AP	5	Art 30 AP	5
Musical Theatre 15 (audition only)	5	Drama 20	3 or 5	Drama 30	5
Improv 15	3 or 5	Musical Theatre 25 (audition only)	5	Musical Theatre 35 (audition only)	5
Dance 15	5	Improv 25	3 or 5	Improv 35	3 or 5
Advanced Dance 15	5	Dance 25	5	Dance 35	5
Technical Theatre 15 (after school)	5	Advanced Dance 25	5	Advanced Dance 35	5
Music 10	5	Technical Theatre 25 (after school)	5	Technical Theatre 35 (after school)	5
Jazz Ensemble 15 (after school)	5	Music 20	5	Music 30	5
Guitar 15	3	Jazz Ensemble 25 (after school)	5	Jazz Ensemble 35 (after school)	5
		Guitar 25	3	Guitar 35	3
Learning Strategies 15	5	Learning Strategies 25	5	Learning Strategies 35	5
Computing Science 10	5	Computing Science 20	5	Computing Science 30	5
Foods 10	3	Computing Science 20AP	5	Computing Science 30AP	5
Mechanics 10	3	Foods 20	3	Foods 30	5
Media Design 10	3	Mechanics 20	5	Mechanics 30	5
Construction 10	3	Media Design 20	5	Media Design 30	5
Video Production 10 (after school)	3	Construction 20	5	Construction 30	5
Financial Management 10	3	Video Production 20 (after school)	5	Video Production 30 (after school)	5
Capstone Prep	3	AP Seminar Capstone 25	5	AP Research Capstone 35	5

PLANNING YOUR HIGH SCHOOL PROGRAM

NOTE: Students should consult with parents, counsellors and teachers before completing this worksheet. List the courses that you have completed, those in which you are presently enroled, and those which you are planning to take in the coming year.

GRADE 9 PROGRAM

COURSE	LATEST MARK
Language Arts	_____
Social Studies	_____
Mathematics	_____
Science	_____
(Second Languages)	_____

Visit our website strathcona.epsb.ca and check out our online Program Guide for more details.

GRADE 10 LEVEL COURSES CREDITS

English	_____	<input type="text"/>
Social Studies	_____	<input type="text"/>
Math	_____	<input type="text"/>
Science	_____	<input type="text"/>
	_____	<input type="text"/>
P.E.	_____	<input type="text"/>
C.A.L.M. 20	_____	<input type="text"/>
Electives:	_____	<input type="text"/>
	_____	<input type="text"/>
Total Credits	<input type="text"/>	

A full program of 40 credits is suggested.

GRADE 11 LEVEL COURSES CREDITS

English	_____	<input type="text"/>
Social Studies	_____	<input type="text"/>
Math	_____	<input type="text"/>
Science	_____	<input type="text"/>
	_____	<input type="text"/>
P.E.	_____	<input type="text"/>
C.A.L.M. 20	_____	<input type="text"/>
Electives:	_____	<input type="text"/>
	_____	<input type="text"/>
Total Credits	<input type="text"/>	

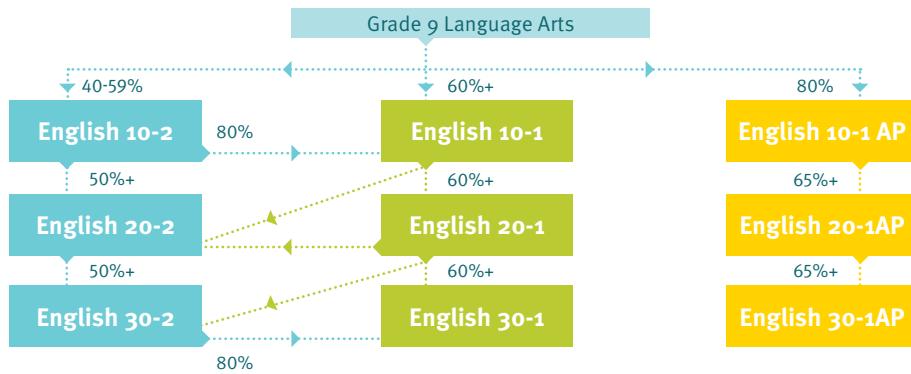
Suggested load of 35 credits within scheduled class time.

GRADE 12 LEVEL COURSES CREDITS

English	_____	<input type="text"/>
Social Studies	_____	<input type="text"/>
	_____	<input type="text"/>
P.E.	_____	<input type="text"/>
Electives:	_____	<input type="text"/>
	_____	<input type="text"/>
Total Credits	<input type="text"/>	

Choose sufficient elective courses to meet diploma requirements. Suggested load of 30 credits within scheduled class time.

ENGLISH



ENGLISH 10-2, 20-2, 30-2

By relating English to everyday life, these courses will help students to acquire a foundation of knowledge in both literature and technical writing, to understand that English is a unique way of seeking knowledge, to have a positive attitude toward English and to understand the relationship between English and society. Students will learn about English through the six strands of the English Language Arts: Listening, Speaking, Reading, Writing, Viewing and Representing.

** Please check the admission requirements for your chosen post-secondary institution, as not all courses are eligible.*

5 CREDITS EACH

ENGLISH 10-1, 20-1, 30-1

The courses focus on development of critical reading, writing, listening, speaking, representing, and viewing skills for academic students. Most writing will take the form of personal response to and critical analysis of literature. Genres of study may include: novels, nonfiction (including the essay as literature), feature film, modern drama, Shakespearean drama, poetry, short story, visual and multimedia text.

5 CREDITS EACH

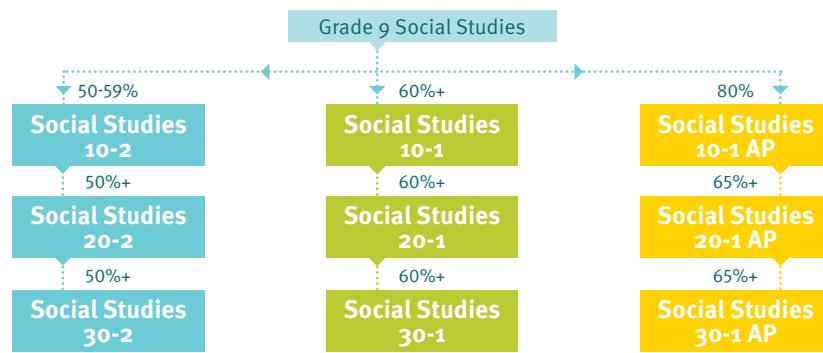
ENGLISH AP

(10-1 AP, 20-1 AP, 30-1 AP)

AP English classes are accelerated and enriched courses that develop students' fluency with language, rhetorical skills and analysis of literature. More literary selections are covered, often in greater depth, in these courses than in the regular English 10-1, 20-1, and 30-1. In 10-1 AP students begin preparing for the Advanced Placement courses that follow. In both English 20-1 AP and English 30-1 AP students will prepare for and write an AP exam in May. In preparation for the AP Language and Composition exam, English 20-1 AP students will examine a number of essay and non-fiction forms focusing on various rhetorical strategies employed by writers. In preparation for the AP Literature exam, English 30-1 students examine representative works from a variety of genres and periods. In both 20 and 30 AP, students regularly engage in close reading and analysis to determine how literary elements contribute to the meaning of a text.

5 CREDITS EACH

SOCIAL STUDIES



SOCIAL STUDIES 10-1, 20-1, 30-1

The courses examine powerful forces in modern history (globalization, nationalism, liberalism) and issues arising from these forces. This academic program is designed for the university— or college-bound student. Emphasis is placed on the development of essay-writing, research and source analysis skills. In contrast to the Advanced Placement Social Studies Program, this course stream focuses exclusively on content and skills from Alberta’s Program of Studies.

5 CREDITS EACH

SOCIAL STUDIES 10-2, 20-2, 30-2

The program examines historical and contemporary issues of globalization, nationalism and liberalism. Although this course stream fosters the development of reading, writing and critical-thinking skills, students are not required to write essays and most assignments are completed in class. These courses are designed for the student who does not plan to attend university or does not need academic Social Studies for admission to post-secondary studies.

5 CREDITS EACH

SOCIAL STUDIES AP (10-1 AP, 20-1 AP, 30-1 AP)

The courses cover content and skills from both the Alberta Program of Studies and the College Board’s Advanced Placement European History Program. This high-academic program will be of interest to students who have been successful in previous social studies courses and/or have a passion for history. These courses are designed for university-bound students who have strong reading and writing skills. Students who wish to enter this course stream in Grade 11 or Grade 12 must be granted permission to do so by the department head.

5 CREDITS EACH

INDIGENOUS STUDIES 30

Prerequisite – Social 20-1 or 20-2

Indigenous Studies 30 offers learners a framework for deepening their understanding of diverse Indigenous cultures, worldviews, and histories in Alberta, across Canada, and globally. The course introduces the social, historical, political, and philosophical contexts shaping the experiences of many Indigenous peoples and communities. Through this course, students explore Indigenous perspectives, histories, identities, and events and fosters an informed appreciation of Indigenous realities and contributions.

5 CREDITS

“ I CAME HERE FOR A CHANCE TO BE PART OF A GRAND LEGACY. ”

PERSONAL PSYCHOLOGY 20

Prerequisite – Social 10-1 or 10-1 AP

This introductory psychology course examines a variety of topics. These include: the history of psychology, heredity and environment, personality, intelligence, social psychology and psychological disorders.

3 CREDITS

EXPERIMENTAL PSYCHOLOGY 30

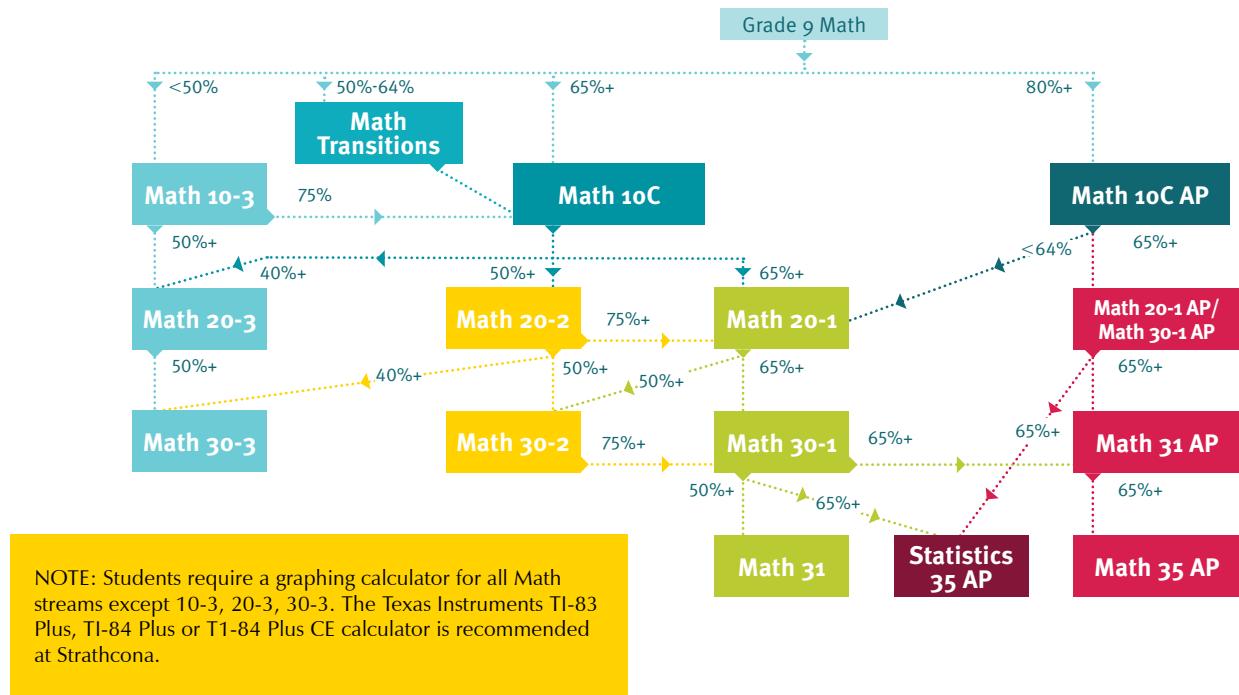
Prerequisite – Social 10-1 or 10-1 AP

This course explores how human behavior is studied and measured scientifically, using various experimental techniques and research strategies. Topics include: the brain, learning, memory and motivation.

3 CREDITS



MATHEMATICS



MATH TRANSITIONS

The course is designed for students with a Grade 9 math mark of 50-64% or a C grade. Students will develop the skills and confidence necessary for success in Math 10C. Students enrol in Math Transitions in semester one followed by Math 10C in semester two.

5 CREDITS

MATH 10C

Mathematics 10C is designed for students with a Grade 9 math mark of 65% or higher, or an A or B grade. Students will develop conceptual knowledge and skills in areas such as polynomials, trigonometry and linear functions. Completion of Math 10C is the prerequisite for both Math 20-1 and Math 20-2.

5 CREDITS

MATH 20-1, 30-1

This course sequence is designed to provide students with the mathematical understanding and critical thinking skills necessary for post-secondary programs that require Calculus. Mathematics and science intensive faculties such as Engineering, Science and Business require Math 30-1.

5 CREDITS EACH

MATH 20-2, 30-2

This course sequence is designed to provide students with the mathematical understanding and critical thinking skills necessary for post-secondary programs that do not require Calculus. Math 30-2 is accepted for entrance into faculties such as Arts, Fine Arts, Nursing and Elementary Education.

5 CREDITS EACH

MATH 10-3, 20-3, 30-3

This course sequence is designed to provide students with the mathematical understanding and critical thinking skills necessary for entry into the majority of trades, apprentice programs and the work force. Students who received less than 50% in Grade 9 mathematics must register in Math 10-3.

5 CREDITS EACH

MATH 31

This course gives students a basic understanding of Calculus and is designed for students entering mathematics intensive faculties such as Engineering and Science. Students planning to take Math 31 in their Grade 12 year should demonstrate a high level of achievement in Math 30-1. Major topics include: limits, derivatives, applications of derivatives and integration.

5 CREDITS

MATH 10C AP, 20-1 AP, 30-1 AP

These courses cover all of the topics in the regular program, but in greater detail and at an accelerated pace. To create more interest and build a broader foundation in mathematics, students will cover additional topics in each course.

5 CREDITS EACH

MATH 31 AP, 35 AP

These courses are enriched Calculus courses offering exceptional preparation for mathematics intensive post-secondary programs. All topics are studied algebraically, numerically and graphically ensuring students have a rich understanding of Calculus. Math 31 AP and Math 35 AP are considered equivalent to a first and second semester of university Calculus respectively. Upon completion of these courses, students have the opportunity to write an Advanced Placement Calculus exam which may qualify them for university credit.

5 CREDITS EACH

STATISTICS 35 AP

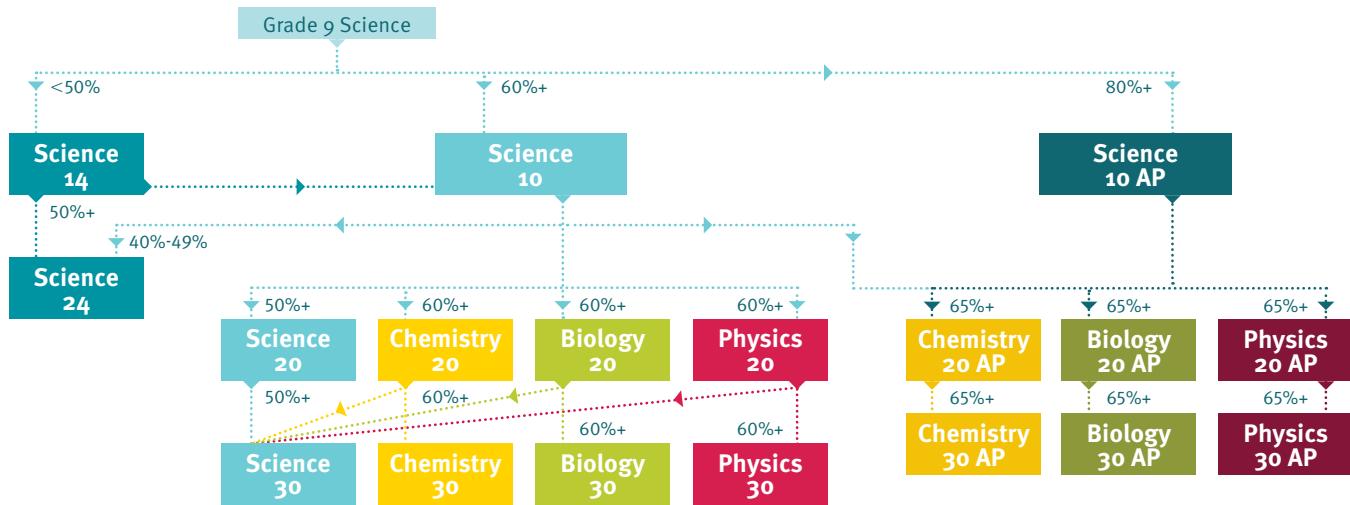
This course introduces students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students use technology, investigations, problem solving and writing to build conceptual understanding. Statistics 35 AP is considered equivalent to a first semester university statistics course. Upon completion of the course, students have the opportunity to write the Advanced Placement Statistics exam which may qualify them for university credit.

5 CREDITS



SCIENCE

“ IT HAS THE BEST ATMOSPHERE, THERE ARE SO MANY AMAZING OPPORTUNITIES AT SCONA THAT YOU CAN’T GET AT OTHER SCHOOLS. ”



SCIENCE 10

This course involves four interrelated units of study. These units focus on chemical change, technological systems, living systems, global systems and energy flow in all systems.

5 CREDITS

SCIENCE 10 AP

This course is designed as a prerequisite to Advanced Placement Biology, Chemistry and Physics. Additional material beyond the regular program includes organic chemistry, forces and dynamics, and using plants to investigate living systems. In order to prepare students for their world, all Science courses address global issues including technologies, environment and problems. Students are expected to develop some understanding of and respect for the process of science. All Advanced Placement Science courses cover the regular program and enrich it with additional material.

5 CREDITS

SCIENCE 20

Students will investigate Chemical Changes, Changes in Motion, The Changing Earth and Changes in Living Systems. Students will be encouraged to develop positive attitudes that support the responsible acquisition and application of knowledge related to science and technology. Laboratory studies and a field study will reinforce concepts taught.

5 CREDITS

SCIENCE 30

Students will investigate how living systems respond to their environment, chemistry and energy in the environment, and electromagnetism. Students will be encouraged to show interest in science-related questions and issues, as well as confidently pursue personal interests and career possibilities within science-related fields.

5 CREDITS



SCIENCE 14, 24

This is a general science program which is intended for those students who are taking science courses as part of their general education and are seeking credit towards a high school diploma.

SCIENCE 14

By relating science to everyday life, this course will help students to acquire a foundation of knowledge in the natural sciences, to understand that science is a unique way of seeking knowledge, to have a positive attitude toward science and to understand the relationship between science, technology and society. The four units used to acquire these skills are entitled: Investigating Properties of Matter, Energy Transfer Technologies, From Life to Lifestyle, and Matter and Energy in the Biosphere.

5 CREDITS

SCIENCE 24

Using science in everyday life, this course will assist students in developing the ability to think scientifically, to have a positive attitude toward science and to understand the role of science in society and its relationship with technology. The four units used to acquire these skills are: Applications of Matter and Chemical Change, Understanding Common Energy Conversion Systems, Disease Defense and Human Health and Motion and Change and Transportation Safety.

5 CREDITS

BIOLOGY

This program investigates life sciences and is recommended for students interested in further study in biological sciences and/or a career in sciences or technologies. It is highly recommended that chemistry be taken concurrently with the biology program.

BIOLOGY 20

This course focuses on the study of matter and energy in the biosphere, photosynthesis, cellular respiration, and matter and energy changes in the ecosystem and in the human organism. Laboratory studies including dissections and a field study to reinforce learning in class.

5 CREDITS

BIOLOGY 30

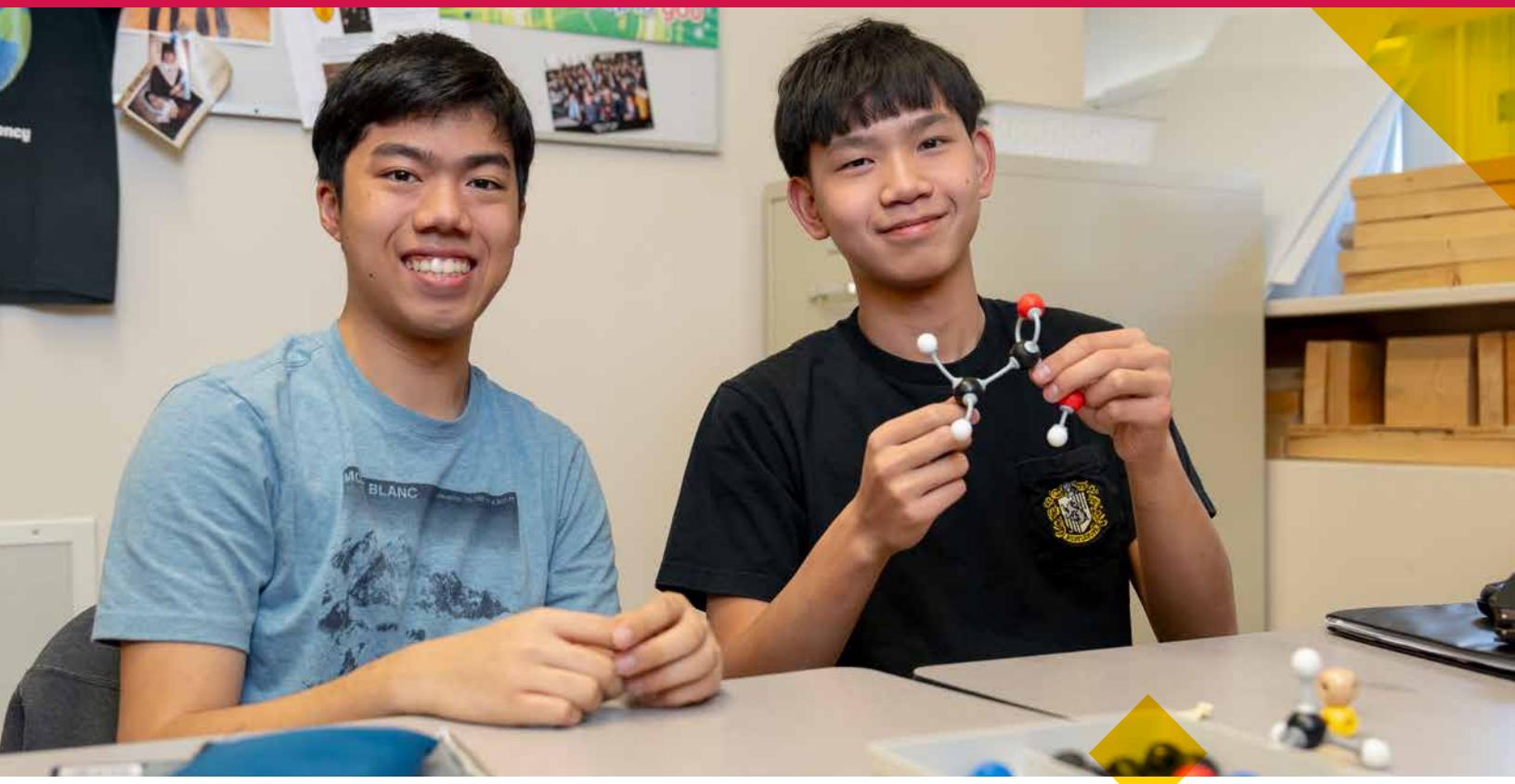
This course will investigate systems regulating change in the human organism, reproduction and development, cells, chromosomes and DNA, and the genetics and ecology of populations and communities. An emphasis on societal and technological advances through discussions and labs occurs regularly.

5 CREDITS

BIOLOGY 20, 30 AP

Additional material beyond the regular program includes cellular energetics and early life, current evolutionary theories and detailed molecular genetics. These courses focus on inquiry skills rather than content mastery.

5 CREDITS EACH



CHEMISTRY

This program investigates chemical reactions. It is recommended for students who have an interest in this area and/or those intending to follow careers in life sciences, physical sciences and applied sciences.

CHEMISTRY 20

In Chemistry 20, a study of chemical bonding will be used to explain the diversity of matter. As well, matter will be discussed as gas, solution, acid or base. Quantitative relationships in chemical changes (stoichiometry) will also be studied.

5 CREDITS

CHEMISTRY 30

Chemistry 30 expands upon the concepts and skills introduced in Science 10 and Chemistry 20. The course focuses on thermochemical change, electrochemical change and equilibrium in acid-base systems and the chemistry of organic compounds. It is recommended that students successfully complete Math 20-1 or Math 20-2 before beginning Chemistry 30.

5 CREDITS

CHEMISTRY 20, 30 AP

Additional material beyond the regular program includes combustion analysis, kinetics, rate laws, acid-base stoichiometry and the 2nd and 3rd laws of thermodynamics. These courses focus on inquiry skills rather than content mastery.

5 CREDITS EACH

**YOU HAVE A CHOICE
OF TWO PROGRAMS –
AP OR REGULAR.**

PHYSICS

Physics is an academic program recommended for students interested in careers and/or further study in the sciences, engineering, applied sciences and the technologies. Students registering in the program are advised to take Math 10-1, 20-1 and 30-1.

PHYSICS 20

Physics 20 will investigate kinematics, dynamics, work, energy, circular motion and gravitation. The course concludes with a study of mechanical waves.

5 CREDITS

PHYSICS 30

Physics 30 will focus upon a study of momentum and impulse, electric and magnetic forces and fields, electromagnetic radiation with a focus on light, and atomic theory.

5 CREDITS

PHYSICS 20 AP (PHYSICS 1)

Physics 1 covers the same topics as Physics 20, but with a stronger emphasis on full theoretical development and deep conceptual understanding. Students are expected to provide professional-level lab write-ups and to thrive in an atmosphere of academic challenges. Additional material beyond the regular program includes momentum, torque, rotational motion, and DC circuits. This course includes its own AP exam.

5 CREDITS



PHYSICS 30 AP (PHYSICS 2)

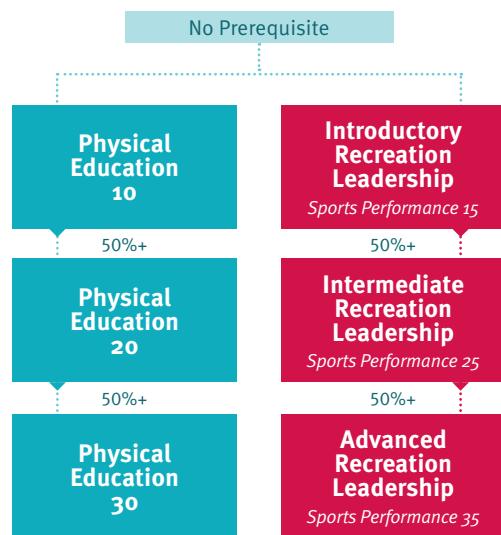
Physics 2 covers the same topics as Physics 30, but with a stronger emphasis on full theoretical development and deep conceptual understanding. Students are expected to provide professional-level lab write-ups and to thrive in an atmosphere of academic challenge. Additional material beyond the regular program includes capacitance, RC circuits, pressure, fluid theory, and thermodynamics. This course also includes an AP exam (Separate from the Physics 1 exam).

5 CREDITS

PHYSICS C

Physics C provides an exciting opportunity to apply differential and integral calculus to various physics topics. There are two separate exams that a student can take: (1) Mechanics, which extends the topics of Physics 1, and (2) Electromagnetism, which extends the topics of Physics 2. It is primarily an independent study course, but support is always available through a teacher adviser and a dedicated website.

PHYSICAL EDUCATION



The Physical Education program emphasizes active living, with a focus on physical activity that is valued and integrated into daily life. At Strathcona, our goal is to help each student develop their own skills, attitudes and knowledge necessary to lead a healthy, active lifestyle.

PHYSICAL EDUCATION 10

This is a required course for completion of a high school diploma. Students will participate and acquire skills and knowledge in a variety of activities offered through the following dimensions:

- Dance
- Team Games, Sports and Activities
- Individual Activities
- Traditional and Non Traditional Sports and Games
- Activities in Alternative Environments (e.g. aquatics, the arena, and outdoor pursuits)

In addition to these activities, students in Physical Education 10 will have the opportunity to participate in up to three different field trips. Examples include: bowling, billiards, and the driving range.

5 CREDITS

SCONA FEATURES:

- **52 consecutive years as city champions and fourteen years as provincial champions in track and field**
- **48 years as city champions and 25 years as provincial champions in cross-country**
- **39 consecutive years as city champions in swimming**
- **City champions in golf**
- **Numerous city and provincial championships in other inter-school sports**
- **Consistent appearances at volleyball and basketball provincials.**

**ONCE A LORD
ALWAYS A LORD.**



PHYSICAL EDUCATION 20

Physical Education 20 is an excellent course for those students looking to pursue new opportunities in physical activity, and continue to improve their skills and knowledge in familiar activities. Greater emphasis will be placed on:

- Individual and Team Sports, Games and Activities
- Non Traditional Sports and Games
- Skill Improvement and Health Benefits of Physical Activity
- Leadership - students may be required to complete service hours within the school
- Maintaining an active lifestyle through a variety of lifetime activities

In addition, students are given more opportunities to participate in field trips including but not limited to: scuba diving, gymnastics, squash, and rock climbing.

5 CREDITS

PHYSICAL EDUCATION 30

In Physical Education 30 the emphasis is developing leadership skills while continuing to explore new opportunities in physical activity and improve on already acquired skills and knowledge. Greater emphasis will be placed on:

- Recreational / Leisure-time activities
- Co-educational activities
- Involvement in activities outside of class time
- Leadership assignments
(Students are required to complete service hours)

Field trips may include: the velodrome, wall climbing, and squash as well as a variety of others.

Physical Education 30 is an acceptable course for certain university entrance requirements.

5 CREDITS

SPORTS PERFORMANCE 15 (INTRODUCTORY RECREATION LEADERSHIP)

This course provides active students involved in sport, with an opportunity to engage in a balance of theory and practical applications of topics related to sport and sports performance. Students will complete the following units of study:

- Foundations for Training I
- Musculoskeletal System
- Health Services Foundations
- REC Project A
- Sport Psychology

Students will also learn safe and effective lifting and training techniques which is specific to their sport and or fitness goals.

5 CREDITS

SPORTS PERFORMANCE 25 (INTERMEDIATE RECREATION LEADERSHIP)

Through a combination of theoretical and practical experiences students will continue to develop their knowledge in the following areas:

- Foundations for Training II
- Nutrition for Recreation Activities and Sport
- Group Exercise Trends
- REC Project B
- Injury Management

Students demonstrate their learning of the topics presented over the course of the term in a culminating project. This involves students creating and designing a seven day food log and training program. Students are expected to demonstrate understanding of proper nutrition, caloric intake and metabolic rates. Applying these principals to their training programs allows students to demonstrate their knowledge of the development of an elite level training program.

5 CREDITS



SPORTS PERFORMANCE 35 (ADVANCED RECREATION LEADERSHIP)

As this is the final level of this course stream, students may be interested in potentially continuing on in post-secondary studies in the field of Sport Performance. Students will cover the following units:

- Human Movement
- REC Project D
- Cardiovascular Training
- Flexibility Training
- Speed and Agility

Through these areas of study, students planning on taking university courses in the Faculty of Kinesiology, Sport, and Recreation will be well prepared for future studies in this area. Sports Performance 35 can be used for various university entrance requirements.

5 CREDITS

SPORTS PERFORMANCE 15, 25, 35 (SEMINAR)

This full-year 5 credit course is offered outside of the "regular" timetable in the early mornings.

Sports Performance Seminar is a competitive program intended to challenge student-athletes who wish to exceed standards of excellence within their chosen sport. Sports Performance Seminar promotes work-ethic, determination, and autonomy within students to prepare them for high performance competition. Our mission is to develop thoughtful and intentional leaders positioned to excel in the next stages of their athletic life.

Enrollment in this course is subject to approval and will require a formal application process. See your coach or Physical Education/Athletic staff in order to discuss whether or not this program is the best fit for you.

5 CREDITS EACH

YOGA 15, 25, 35

Yoga 15-25-35 provides students with opportunities to pursue physical fitness and wellness beyond the Alberta Physical Education Program of Studies. The aim of this course series is to foster an awareness of the benefits of yoga for a healthy, active lifestyle and for students to develop an appreciation of yoga as a holistic pursuit of wellness. Yoga 15-25-35 provides students opportunities to develop their physical literacy through various yoga movements and develop increased self-awareness and relaxation techniques. In Yoga 15-25-35, students learn how to identify the precursors of stress and how stress release can assist them in making responsible personal choices and decisions.

3 CREDITS EACH

FITNESS CENTRE

THE STRATHCONA FITNESS CENTRE

Strathcona High School has developed a 2000 ft² Fitness and Wellness Centre which is accessible for the entire student body and staff of Strathcona High School. Our fitness centre's purpose is to facilitate, promote and enable students to pursue active lifestyles, elevate sporting performance and learn the foundations of fitness. The facility is staffed by a certified Strength & Conditioning coach who oversees the facility; guiding, coaching and educating students on how to workout or train successfully. The centre fills four primary roles within the school:

FITNESS AND HEALTH: The role of individual fitness and health is important for one to have a balanced, healthy lifestyle. This centre provides extra resources and opportunities for our students to practice healthy living and learn how to live an active healthy lifestyle. The fitness centre promotes not only physical health, but mental wellbeing and enhanced learning as a result of being physically active. The fitness centre looks to facilitate this by providing a space throughout the school-year for students to practice physical activity and fitness, as well as a strength & conditioning coach who can assist in guiding athletes and providing appropriate workouts to meet their fitness or physical activity goals.

SPORTS PERFORMANCE: The fitness centre carries out a support role for our student-athletes within Strathcona High School. SCONA employs a certified Strength & Conditioning coach who provides coaching services, sport specific programming, as well and provides guidance on how to manage the student-athlete lifestyle and busy training schedules. Strength & Conditioning for sport is a key component for athletes to manage sporting demands, reduce the likelihood of injury and increase sports performance not widely seen at the high school level.

EDUCATION: The fitness centre provides a key piece to providing practical learning experiences for our Sports Performance and Physical Education classes. This space allows for students to put theory into practice, applying concepts, theories and methodologies learned in lecture in the gym under the guidance of teachers and a strength & conditioning coach.

ATHLETIC THERAPY SERVICES: the fitness centre assists in the management of injuries students-athletes or student-body may acquire throughout the year. These services include attendance at all contact-sport games, most hosted tournaments and time within the school day to provide injury care such as taping and other injury management modalities.

C.A.L.M. CAREER AND LIFE MANAGEMENT 20

The focus of C.A.L.M. 20 is to enable students to make well informed decisions in all aspects of their lives and to develop behaviors and attitudes that contribute to the well-being and respect of self and others, now and in the future. The three units studied are:

- Self-Awareness and Careers
- Independent Living
- Well-being and Human Sexuality

Students will be engaged in a variety of lectures from expert guest speakers. They will also be involved in independent assignments, group projects and discussions. Students will also be required to access, interpret and apply health information and services to make healthy choices.

C.A.L.M. 20 is required to obtain an Alberta High School Diploma.

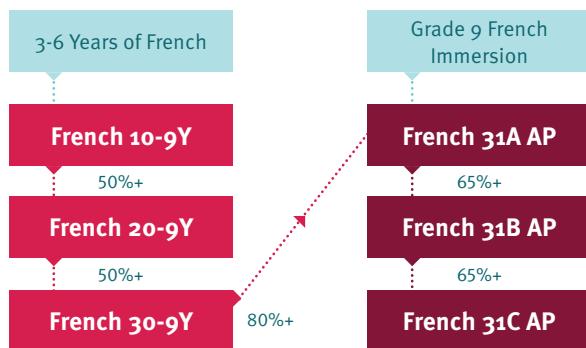
3 CREDITS



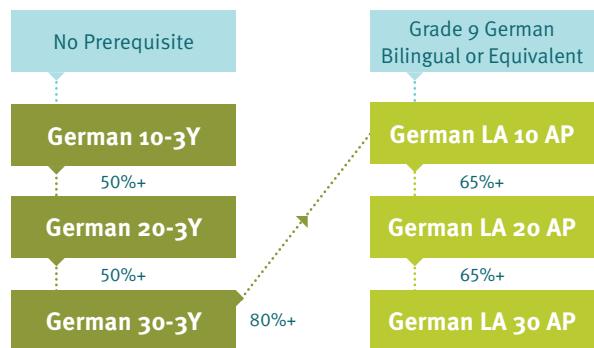
SCONA FEATURES: A 2000 ft² Fitness and Wellness Centre which can be accessed by all students from 7:30 a.m. to 5:00 p.m.

INTERNATIONAL LANGUAGES

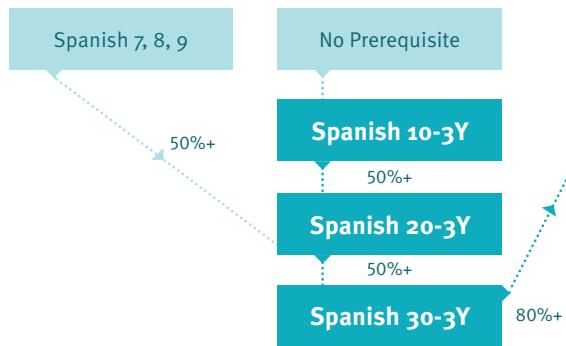
FRENCH



GERMAN



SPANISH LANGUAGE & CULTURE



SPANISH BILINGUAL PROGRAM



FRENCH

This French as a Second Language program promotes French language learning through a variety of linguistic and cultural experiences. Being able to speak French offers innumerable personal and academic benefits that easily translate into expanded career and life opportunities. As such, the overarching goal of this program is to help students become sufficiently competent in French so that they can function in the language and culture outside of the classroom. Edmonton Public Schools and Strathcona High School have been accredited by the Commission Nationale du DELF et DALF in France as an examination centre for the DELF (Le Diplôme d'études en langue française). Students who take the DELF examination will receive an international diploma officially awarded by the French Ministry of Education. AP students may also write the French AP exam during 31B AP.

FRENCH 10-9Y, 20-9Y, 30-9Y

Prerequisite – Satisfactory completion of three to six years of French as a second language.

The French 10-20-30-9Y (9 year) course sequence is designed for students who have successfully completed French 9 in junior high, with satisfactory completion of at least three to six years of French as a Second Language Studies. In French 10, students will be building on their previous knowledge and skills, focusing on use of the infinitive, the recent past and the passé compose in the context of specific topics/themes including: school life, sports, excursions, travel and film. In French 20, students will further develop and refine their previous knowledge and skills in addition to focusing on the use of the comparative and superlative, direct and indirect object pronouns, the imparfait, and the distinction between the imparfait and the passé compose in the context of specific topics/themes including: consumerism, friendship, fads, fashion and music. Finally, in French 30, students continue to develop their speaking, reading, writing and listening skills in French. They will learn to use with some consistency the following linguistic elements: direct and indirect object pronouns with all tenses, y and en, agreement of the past participle, the simple future and the present conditional. The fields of experience are: the world of work, travel and tourism, the role of the media, conservation and the environment. At the end of this course students will have the opportunity to write the DELF exam and receive international accreditation.

5 CREDITS EACH

FRENCH ADVANCED PLACEMENT

FRENCH 31A AP, 31B AP, 31C AP

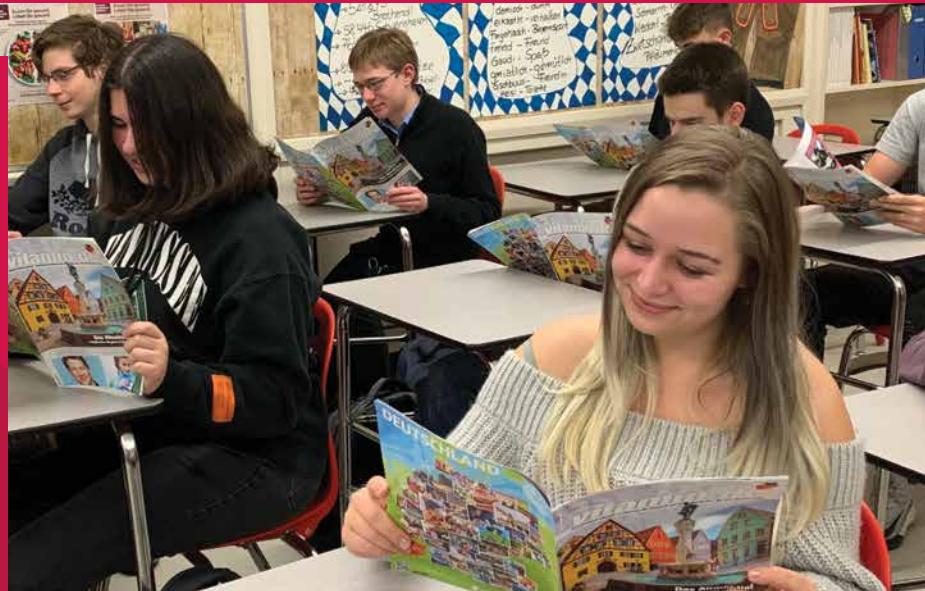
Prerequisite – Grade 9 French Immersion Students or 75% In French 30 - 9Y

The French Advanced Placement Program course sequence is unique to Scona and designed for students with a background in French immersion or with strong proficiency. The overarching goal of this program is to guide students toward a comprehensive aptitude in French that enables them to study, live, and work in Francophone environments. Students hone strong reading, writing, speaking and listening skills through a number of interactive experiences, projects, and text/film studies. Debate, literary analysis, composition and grammar instruction challenge students to delve deeper into the French language while exploring the nature of francophone societies. The language of instruction and interaction is exclusively French. Teacher assessment and authorization is required for students who are not coming from a junior high French Immersion program.

5 CREDITS EACH



SCONA FEATURES: A vibrant International Languages Program featuring instruction in French, German and Spanish. Internationally recognized accreditations: DELF, DELE and Sprachdiplom are offered. Yearly exchange trips with France, Spain and Germany are also made available to language students.



GERMAN

The German program at Strathcona High School is unique in the province of Alberta because it is the only public high school site granted the status of an official testing center leading to the German language proficiency diploma certified by the government of Germany. Students in the Language and Culture stream are able to receive the DSD I and receive a diploma certifying their basic level of fluency based on international standards. Students in the Language Arts (bilingual) stream are able to take the German Advanced Placement and DSD II, the German proficiency examination that satisfies the language requirements for studying at German universities. While students develop and hone their language skills in reading, writing, listening and speaking, the ultimate goal is fluent communication in German. Students are exposed to a variety of authentic texts including music, film and articles and videos. Students are surrounded by new technologies and are encouraged to use them. Students take trips to the German community and enjoy authentic German food and festivals.

GERMAN LANGUAGE AND CULTURE 10, 20, 30

This course is designed for students who have had little or no previous instruction in German. The focus is to be able to develop an ability to communicate and exchange information. Ultimately, students arrive at a basic level of fluency and can communicate with reference to topics that are relevant to their everyday lives. Some students move beyond even this and excel at an intermediate level and are able to provide reasons and explanations for opinions and plans.

5 CREDITS EACH

GERMAN LANGUAGE ARTS 10 AP, 20AP, 30AP

The bilingual stream is designed for students who have completed grades one through nine in the German bilingual program and are already fluent in the language. It is recommended that students in GLA 9 achieve a mark of 80% or higher in order to be successful in the high school bilingual program. This would mean the successful completion of the level B1 on the DSD I exam. For students coming from junior high bilingual programs who do not have at least this average, it is recommended that they meet with the German teacher at Strathcona to complete an assessment of language competency. This stream is treated like a Language Arts program with authentic German literature, film, essays and presentations that allows students not only to understand, but also to think critically about and discuss issues related to these texts. Students use German to interact with complete fluency like, or almost like, native speakers. Students ultimately can produce clear, well-structured, detailed texts on complex subjects, showing controlled use of organizational patterns, connectors and cohesive devices while presenting both sides of controversial issues and defending their own point of view.

5 CREDITS EACH

SPANISH

SPANISH BILINGUAL PROGRAM

As an International Spanish Academy, we are pleased to be the only high school in Edmonton Public Schools to offer the Spanish Bilingual Program. Students will receive 25 credits and a High School Spanish Bilingual diploma certifying their achievement with Edmonton Public Schools at the completion of the program. This program is intended for students coming from the Spanish bilingual program in Junior High or who are native speakers of Spanish. It is recommended that students in SLA 9 achieve a mark of 80% or higher in order to be successful in the high school bilingual program. This would mean the successful completion of the level B1 on the DELE exam. For students coming from junior high bilingual programs who do not have at least this average, it is recommended that they meet with the Spanish teacher at Strathcona to complete an assessment of language competency. Teacher assessment and authorization is required for students who are not coming from a junior high bilingual program. All students in the bilingual program will take Spanish Language Arts 10, 20, 30 as well as Social Studies 10 and CALM 20 in Spanish. International accreditation will be offered to bilingual program students during their Grade 11 and 12 years: The Spanish AP Language and Culture Exam and the DELE language proficiency exam.

SPANISH LANGUAGE SOCIAL STUDIES 10-1/10AP

The language of instruction for this course is Spanish. This course is intended for students of the Spanish Bilingual Program. For more detailed information on the course content, please see page 18.

5 CREDITS EACH

SPANISH LANGUAGE ARTS 10, 20, 30 AP

This course stream is intended for students in the Spanish Bilingual Program only. The language of instruction is strictly Spanish and students are not permitted to use English in class. Students will be exposed to authentic resources in art, film, literature and current events in the context of Hispanic cultures in both Latin America and Spain. Students will be asked to think critically about and discuss issues related to all topics. Guest speakers, online blogs with international schools, authentic texts and participation in local cultural events will be emphasized. The program will seek to enhance the students' abilities to express themselves in written form.

5 CREDITS EACH



SPANISH CALM 20

The language of instruction for this course is Spanish. It is intended for students in the Spanish Bilingual Program. CALM 20 is required to obtain an Alberta High School Diploma. See page 29 for a more detailed description of CALM. This is a 5 credit course because there are two additional modules taught in Spanish:

- Nurturing Children
- Healthy Relationships

5 CREDITS

SPANISH LANGUAGE AND CULTURE 10/20/30

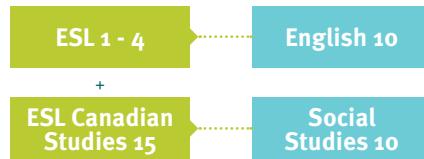
Spanish is one of the fastest growing second language programs in the province. The Spanish Language and Culture program is designed for non-native speakers and beginning level students. The focus of the program is to build the students' confidence in the language while building their vocabulary. Students will use the language in everyday situations, learning to speak in the past, present and future tenses. Through a variety of videos, texts, music and movies students will be exposed to different aspects of the Hispanic cultures around the world. Students will develop their skills in reading, writing, speaking and listening comprehension through individual work, projects, oral presentations and exams. Participation in Hispanic community events will be explored each year to provide authentic opportunities for students to use their language skills. Spanish 30 is a 30-level course which can be used for admission into post-secondary colleges and universities as well as for scholarships. Travel opportunities to Spanish-speaking countries will also be available during the 3 year program here at Strathcona.

* Students who have completed Spanish 7, 8 and 9 in junior high must register in Spanish 20-3Y, which is a continuation of the junior high program. Students new to learning Spanish must register in Spanish 10-3Y.

5 CREDITS EACH



ENGLISH LANGUAGE LEARNER (ELL)



ENGLISH LANGUAGE LEARNING: LEVEL 1-4

At Strathcona, our English Language Learner (ELL) program is designed to support both the academic and linguistic needs of students who are learning English as an additional language. Each year, ELL students are assessed in reading, writing, speaking, and listening in order to gain valuable information about how to help each student progress in their English Skills. Depending on a student's level of English, learning supports can include extra time on assessments, modified instruction, access to linguistic resources like dictionaries and translators, and modified curricular outcomes. We also offer a number of inter-cultural supports to help students feel connected to the school community. An ELL engagement coordinator also works to empower ELL students to navigate and advocate for their learning needs. For students new to studying English, we offer two 5-credit courses: ELL Level 1/2 and ELL level 3/4. Both courses provide targeted instruction in English so that all students, regardless of language background, have the opportunity to succeed academically.

5 CREDITS

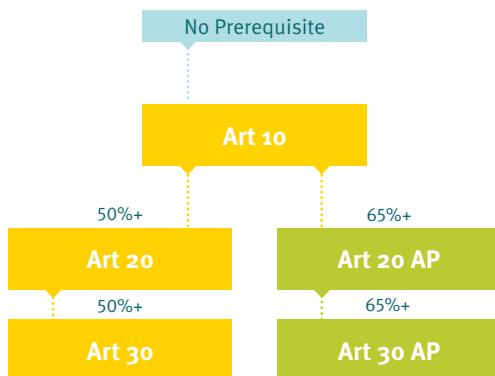
CANADIAN STUDIES 15

Canadian Studies 15 is a bridging course designed to help our English Language Learners gain important foundational language and knowledge before enrolling in future humanities courses. The course provides students with a rich language-learning atmosphere where they explore essential concepts and frameworks of Canadian society. Students use their own growing skills in English to engage with a range of academic materials connected to the Social Studies curriculum.

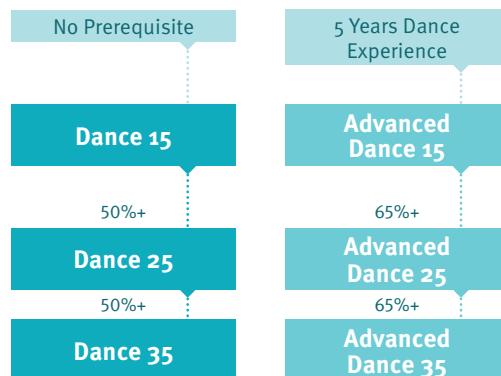
5 CREDITS

FINE AND PERFORMING ARTS

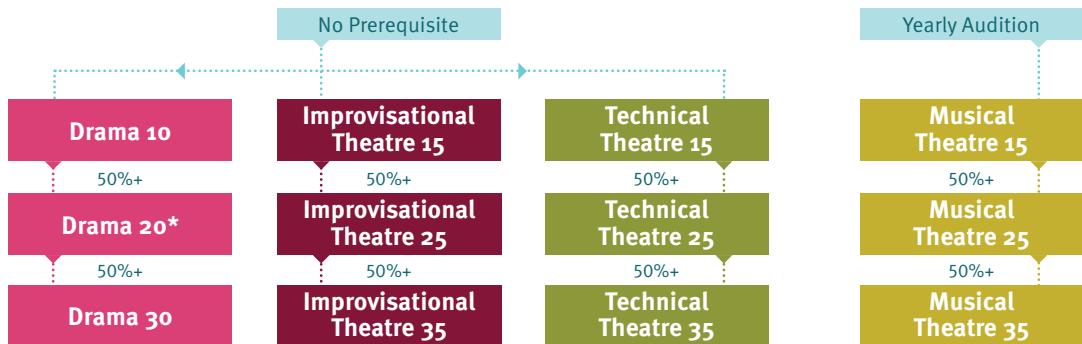
ART



DANCE



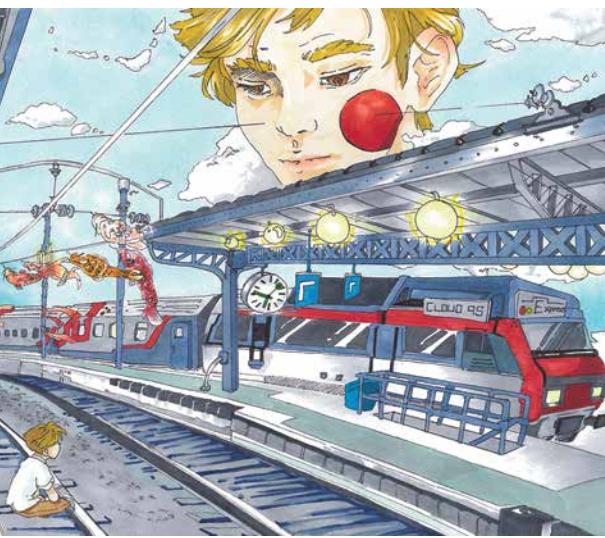
DRAMA



*Drama 20 open to students who may not have prerequisite

INSTRUMENTAL MUSIC





ART

In the Visual Art Program students develop a proficiency in using image-making materials and techniques. All courses emphasize individual problem-solving which allows each student to develop the skills and gain the confidence necessary to better express themselves visually and to better understand the creativity of others.

ART 10

This is a foundational studio course, emphasizing basic design and its application in a wide variety of materials. Art 10 also attempts to help individuals develop the skills, techniques and confidence necessary for self-expression. An awareness of art in the past and present, and sensitivity to one's surroundings are encouraged.

5 CREDITS

ART 20

This is an intermediate studio course which builds on the knowledge and skills of Art 10. The emphasis is on the development of perceptual awareness through exploration of a wide range of media and technique. A greater understanding of our artistic heritage is an important part of Art 20.

5 CREDITS

ART 30

This is an advanced studio course with emphasis on conceptual creation. The art traditions of the 20th century are explored in depth. Students will understand their ability to control drawing and painting media and then examine the interpretative and inventive possibilities of each.

5 CREDITS

AP ART + DESIGN 20/30

In each course, students will investigate materials, processes, and ideas needed for creating meaningful art. Students will make works of art by practicing, experimenting, revising, and will communicate their personal ideas about art and design through written and visual expression. Upon completion of the AP Art + Design 30 course, students are graded on a portfolio of work prepared and submitted to the College Board, Princeton, New Jersey. The AP Art course is a rigorous high school program that demands exceptional creativity, technical skill, and a deep understanding of art history and theory. It requires unwavering dedication, persistence, and effective time management to successfully navigate its challenges and produce a high-quality portfolio.

5 CREDITS EACH



DANCE

Dance at Strathcona provides dedicated training to dancers of all experience levels - from beginner to pre-professional! Dance students are encouraged to explore dance with a growth mindset. We value the diverse experiences that make up Strathcona and are proud of our dynamic and supportive dance community.

The program is multi-dimensional and dancers experience learning a diverse range of styles and techniques including contemporary, hip-hop, jazz, ballet, tap, and many more! Dance theory and history is investigated through movement, and students engage with the dance community through performances, guest artists, and field trips. The year's work is tied together with a collective performance by all dance students of Strathcona. Your dance courses can apply to your college/university entry!

DANCE 15, 25, 35

In this foundational course for dancers with little or no dance training, students will explore dance through a new perspective and are encouraged to take risks in seeking ways to be creative and achieve excellence. Dancers will begin to think critically about how dance and culture are intertwined throughout history as they engage with a variety of styles and techniques. Throughout this course, dancers will develop strength and confidence, and begin the journey of discovering their artistic voice through their movement!

As students progress through the higher levels of this course sequence, they will continue to develop their various dance techniques and expand their movement vocabulary. Guest artists are brought in regularly to provide rewarding opportunities and composition is further emphasized as dancers grow through the program. Students will complete this course with a new understanding of movement and gain valuable skills that will benefit them throughout their lives! Dance 35 can be used for scholarship applications and university entry!

5 CREDITS EACH

ADVANCED DANCE 15, 25, 35

Recommended Prerequisite: 5+ years of jazz/ballet training, or similar disciplines, or teacher recommendation

This course stream is targeted towards dancers who already have developed a strong technical foundation in dance and are looking to complement their current or previous dance studio training. Students are challenged by bringing more awareness to their technique and are provided opportunities to explore their artistic voice in their movement through diversifying their dance experiences. This program is taught at a faster pace and includes more opportunities to engage with the choreographic process and theory, guest instructors, and performance opportunities. Whether dancers are looking for exciting new perspectives in dance, or they are seeking out a professional career, the Advanced Dance course stream provides rewarding challenges for all. Advanced Dance 35 can be used for scholarship applications and university entry!

5 CREDITS EACH

DRAMA

Scona boasts an award-winning, vibrant and varied drama program. Through engaging hands-on experiences, the students will increase their physical and vocal confidence, as well as learn basic performance skills and acting techniques. Students also develop a deep sense of community within this fun and challenging course. Students in all drama classes participate in workshops with professional theatre artists, attend plays as a class, and are provided opportunities to become involved within the Edmonton Theatre Community. The Drama 10, 20, 30 course path is an excellent route to post-secondary as many Universities and Colleges around the globe.

DRAMA 10

Be the most captivating person in the room. In this exciting and dynamic course, students will develop fundamental skills in a range of techniques within performance, acting, improvisation, design, writing and voice that will give them the tools for the real world. Through extensive work in both small and large groups, students gain confidence as they explore and communicate ideas, experiences, and ideas in a range of dramatic forms.

This course is designed to be fun, creative, and engaging as students explore high energy theatre games, children's theatre, film acting, stage combat, scene study and more. Drama 10 provides the platform for creativity and student leadership.

3 or 5 CREDITS

DRAMA 20

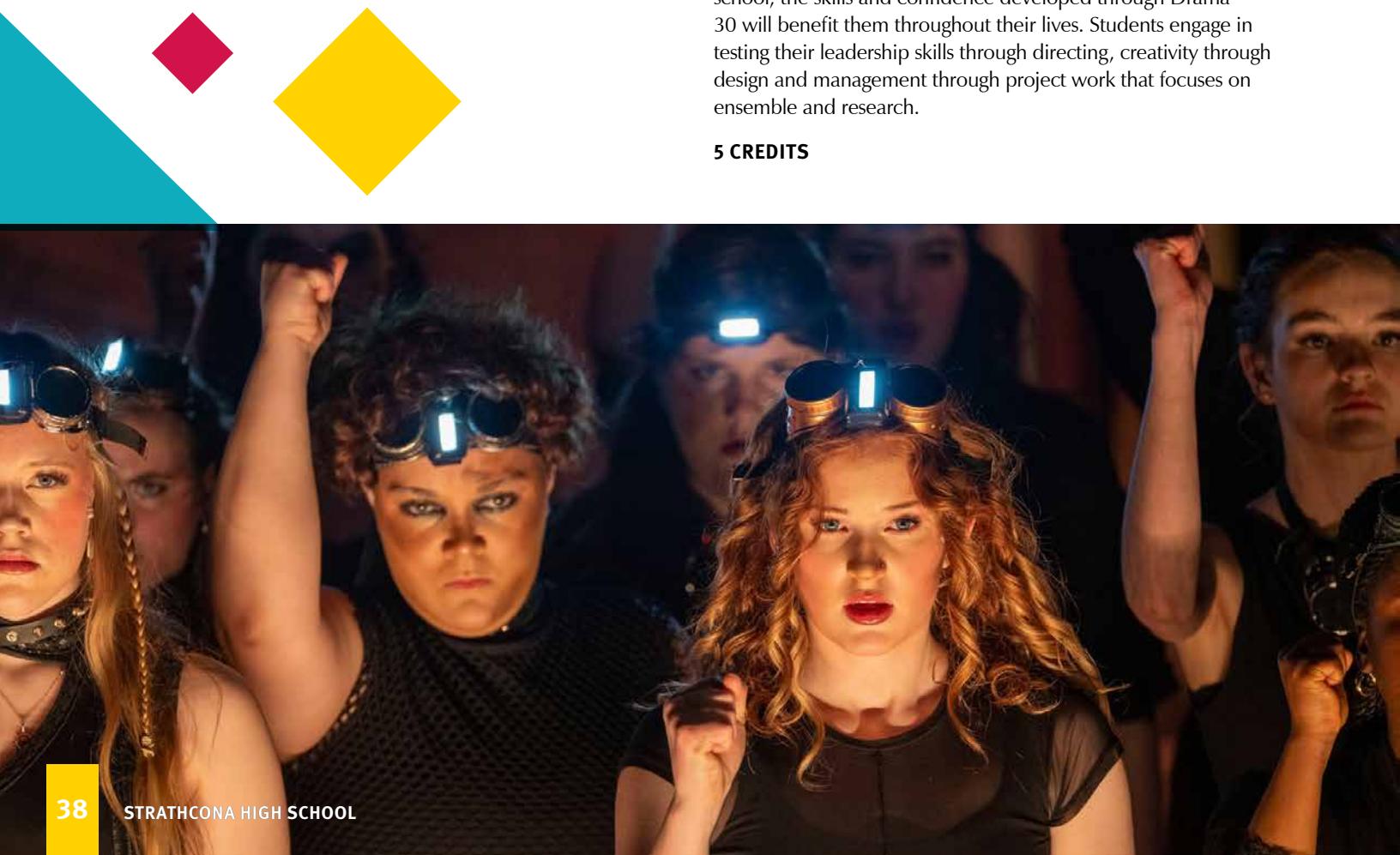
Building on the foundations explored in drama 10 this course includes acting technique, an introduction to playwriting and directing and public performance. Drama 20 is the "Acting" year. The class explores techniques from classic theatre through to contemporary styles, stage combat and performance for the stage.

3 or 5 CREDITS

DRAMA 30

Students who graduate with drama 30 enter the world with a sense of professionalism and respect for themselves and the arts in society. No matter the path a student takes after high school, the skills and confidence developed through Drama 30 will benefit them throughout their lives. Students engage in testing their leadership skills through directing, creativity through design and management through project work that focuses on ensemble and research.

5 CREDITS





IMPROVISATIONAL THEATRE 15

Improv is all about teamwork, leadership and thinking on your feet. The course offers an introduction to basic improv skills, training techniques and exercises that enable problem solving in the moment. In this course, students will learn and be able to demonstrate various short-form improv skills, such as acting on impulse, dissociative thinking, offers, advancing and expanding, celebrating failure, the elements of a scene, character and narrative skills. Students will be able to perform on one of the school improv teams and in the year end improv show.

3 or 5 CREDITS

IMPROVISATIONAL THEATRE 25

This course will expand on the short-form improv skills taught in Improv 15. The class is participatory, engaging and provides many opportunities for students to perform and continue to build on team work and leadership skills. Students will continue to explore various short-form structures, and will be introduced to thematic and narrative long-form structures. Students will perform at the lunch time shows, on the various improv teams and in the year end show.

3 or 5 CREDITS

IMPROVISATIONAL THEATRE 35

This course will expand on the short-form and long-form improv skills taught in Improv 25. Students will test their leadership ability by captaining teams, developing new games and mentoring new improvisers. Students are working in a high energy environment of team, risk and an awesome celebration of failure. Students have many opportunities to perform.

3 or 5 CREDITS

Students enrolled in Improvisational Theatre (at any level) are eligible to audition for the school's extra-curricular Nosebowl, Northern Alberta Improv League and Canadian Improv Games teams.

MUSICAL THEATRE 15, 25, 35

The community of theatre artists at Scona provides students with many opportunities to develop leadership and communication as well an incredible sense of team within the school. Students are provided the chance to explore their voice as a young artists inside of the Award winning Scona Theatre Co. The Scona Musical Theatre Co. builds upon the artist's natural abilities and encourages new talent in the area of singing, dancing and acting. Our ambition is to deliver outstanding, relevant, creative and rigorous training for those with a passion for musical theatre. The Musical Theatre program is specifically designed to meet the needs of students who wish to combine acting, voice, and dance and to develop confidence and ownership in all three areas. Emphasis is placed on professionalism. Students perform in a full-length musical in this course and work with many professional guest artists as a part of their training.

*** This course is outside the regular timetable, and admission is by audition.**

5 CREDITS EACH

TECHNICAL THEATRE 15, 25, 35

Strathcona's Technical theatre program is designed to develop student's abilities in lighting, sound, set and costume design, and stage management. The program works closely with a number of different departments to produce school-wide events. Students will learn aspects of theatrical design for lighting, sound, and set, and are assigned several productions throughout the year to test these skills such as Scona's Musical Production, SconActs, Dance Showcase, and the Scona Initiative.

*** This course is outside the regular timetable.**

5 CREDITS EACH

INSTRUMENTAL MUSIC

Strathcona's Music program is designed to develop competencies in performance skills, technique, listening skills, music history, interpretation and self expression, music theory, harmony and composition. Instrumental Music is a three year sequential program that has been carefully designed to provide as wide an opportunity as possible for students interested in furthering their musical training, experience and education.

Prerequisite: 3 years of band (Grade 7-9 on the following instruments: flute, clarinet, saxophone, oboe, bassoon, trumpet, french horn, trombone, tuba, euphonium, and percussion, including mallets)

INSTRUMENTAL MUSIC 10, 20, 30

Prerequisite: 3 years of band (Grade 7-9 on the following instruments: flute, clarinet, saxophone, oboe, bassoon, trumpet, french horn, trombone, tuba, euphonium, and percussion, including mallets)

This course is designed for students who have previous experience on a wind/percussion instrument. Students will study tone, technique, performance skills, theory, quality band literature, ear training skills, history and composition.

Students will perform on the same instrument in Grade 10 as they previously have in Grades 7-9.

5 CREDITS EACH

JAZZ ENSEMBLE 15, 25, 35

In addition to the rehearsal and performance of jazz music, students will focus on listening to jazz, improvisation skills, history and technique. This ensemble will consist of traditional jazz ensemble instrumentation (saxophone, trumpet, trombone, drums, piano, guitar and bass). This ensemble will be by audition and is only open to students who are concurrently enrolled in Instrumental Music 10, 20 or 30.

*** This course is outside the regular timetable, and admission is by audition.**

5 CREDITS EACH



GUITAR 15

Beginning Guitar at Strathcona is a 3 credit course and is intended for those students with no guitar experience with an emphasis that it starts at the beginner* level. One of the most important outcomes of this class is the ability to begin and build upon the reading of musical notation (notes of the treble/bass clef) and rhythms, single melodic lines, and basic chords. Topics covered in this course will include: Single line playing strumming chords, bass line construction, basic chords to hundreds of popular songs you can perform on guitar, accompaniment in a variety of styles, solo and ensemble performances in class, music nomenclature (symbols of music), and basic music theory.

** Students with prior guitar experience are welcome to join with the understanding that the class will be focusing on the beginning basics of guitar playing and music reading.*

3 CREDITS

GUITAR 25/35

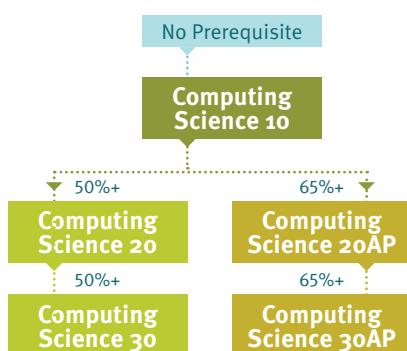
These courses are intended for students with experience in Strathcona's Guitar 15 class in reading guitar music, including chord symbols and musical notation. Guitar 25/35 continues to cover reading and playing notes, chord techniques including both open and barre chord styles, finger-picking and strumming techniques, and the exploration of various musical styles from classical to rock. Further topics include single-line playing, bass-line construction, accompaniment in various styles, solo and ensemble performance, music nomenclature (symbols of music), and the continuation of music theory from Guitar 15/25.

3 CREDITS EACH

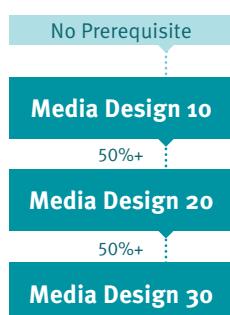
SCONA FEATURES: An outstanding award-winning music program featuring Grade 10 and Grade 11/12 Wind Ensembles, and Jazz Ensemble.

CAREER AND TECHNOLOGY STUDIES

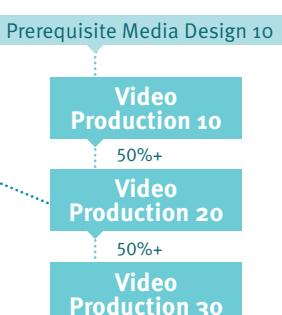
COMPUTING SCIENCE



MEDIA DESIGN



VIDEO PRODUCTION



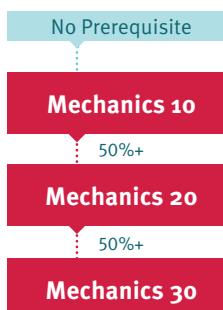
CONSTRUCTION



FOODS



MECHANICS



FINANCIAL MANAGEMENT



All CTS courses are 3 or 5 credits presented in a modular format. Within each course, each module has a value of one credit. One credit modules can be combined and used for Rutherford Scholarship at the Grade 10, 11 and 12 level. Students with Grade 7, 8 and 9 level experience in any of the above areas are encouraged to speak to school administration/counselors to discuss whether he/she may be eligible to take the 20 level course in Grade 10.

The Career and Technology Studies courses offered at Strathcona are designed to provide interesting and exciting elective areas of study. An exposure to a wide variety of areas and career fields, along with practical experiences, will help students make a wise career choice. These courses may be included as required subjects for entrance into a college, technical institution or university and can be used for Rutherford Scholarship and high school diploma requirements. CTS courses challenge students to apply theoretical knowledge to practical problems. The “hands on” approach provides a stimulating learning environment for our students. Employers like to hire students who have been exposed to successful work-related experiences. Strathcona participates in Skills Alberta/Canada and CTS Communication Technology students have received provincial and national awards for their achievements.

*Selected 30-level CTS courses may be accepted for some Post Secondary entrance requirements.



COMPUTING SCIENCE

Do you want to cure cancer? Help the blind to see? Perhaps you want to build an interactive art masterpiece. Or maybe create the next million dollar game? Computing Science is changing the world and at Scona, our CS program teaches students how to use, build and work with the technologies of tomorrow. If you want to be an engineer, a doctor, or a leader in your industry, you need to have a strong grasp on how new hardware and software will shape your world.

COMPUTING SCIENCE 10

Computing Science 10 focuses on emerging technologies and creative programming. Students are introduced to the very engaging P5.js library of the JavaScript programming language which allows them to express their creativity by programming and manipulating art and graphics. We then explore web design, game design and complete a project of choice (perfect for those of you interested in gaming). It is a course suitable for students who have passed Grade 9 Mathematics (with a recommended mark of 60% or higher).

5 CREDITS

COMPUTING SCIENCE 20

Computer Science 20 builds on the skills and concepts of the CS 10 class. Students will learn to write more complex, scalable programs and will be exposed to a second programming language.

5 CREDITS

FINANCIAL MANAGEMENT

FINANCIAL MANAGEMENT 10

** New program coming to Strathcona*

Financial literacy is foundational for building smart money management in the short term and over a lifetime. In this course, students will learn the fundamentals of earning, managing, growing and saving money and how a strong knowledge of personal finance and investing can support future goals and opportunities. Realistic and immersive scenarios will enable students to learn, plan and practice these skills.

3 CREDITS

COMPUTING SCIENCE 30

Computing Science is designed to give students significant time to pursue projects of choice. Advanced programming concepts surround our continued examination of emerging technologies and trends.

5 CREDITS

AP COMPUTING SCIENCE 20, 30

Students interested in the AP program will first take Computing Science 10 where they will get a chance to show their skills through advanced and creative challenges. They will then take an accelerated path through the CS 20 and 30 concepts. By the end of our AP CS program, students will complete both the AP CS Principles and AP CSA courses.

5 CREDITS EACH





MEDIA DESIGN

The Media Design program blends graphic design and photography to help students develop their creative voice through visual storytelling. Throughout three years, students build a professional portfolio, learn from guest artists, go on photography walks, and create stunning take-home designs that showcase their growth and style.

* The University of Alberta and MacEwan University recognize Media Studies 30 as an entrance eligible course in selected programs.

MEDIA DESIGN 10

Build a strong creative foundation by learning the techniques and fundamentals of photography and design. Explore editing, composition, and layout for both print and social media—no experience required!

* *Media Design 10* is the prerequisite course for the *Video Production 20* course.

3 CREDITS

MEDIA DESIGN 20

Expand your skills and focus on message and concept. From street photography to ad campaigns and protest signs, explore how visuals can inspire, inform, and make your voice heard.

5 CREDITS

MEDIA DESIGN 30

Refine your craft to industry standards by tackling real-world client briefs and projects that merge art and function. Develop your own unique style and professional portfolio, ready for creative careers or post-secondary programs.

5 CREDITS



VIDEO PRODUCTION

This course is outside the regular timetable.

As of 2017, 2.32 billion people across the globe use a smart phone – a figure on track to add another half billion by 2020. Throw tablets, TV and laptops into the equation, and it's clear that a huge proportion of daily information and connectivity comes from these devices. What's more, with the high level of production values that we are exposed to, video quality plays an important role in getting attention and keeping viewers engaged.

Video production aims to provide increasingly important skills to students on how to engage with topics, improve messaging and stretch their creativity through how to produce professional quality multi-camera live broadcasts, web streams and video.

Through this, students will enhance future opportunities or inspire future career choices.

The University of Alberta and MacEwan University recognize Video Production 30 as an entrance eligible course in selected programs.



VIDEO PRODUCTION 10

In this hands-on course, students will be introduced to a variety of video production environments and their unique challenges. Live event production, studio production and live streaming are all explored. Students are introduced to basics in camera operation, shot staging and video switching.

3 CREDITS

VIDEO PRODUCTION 20

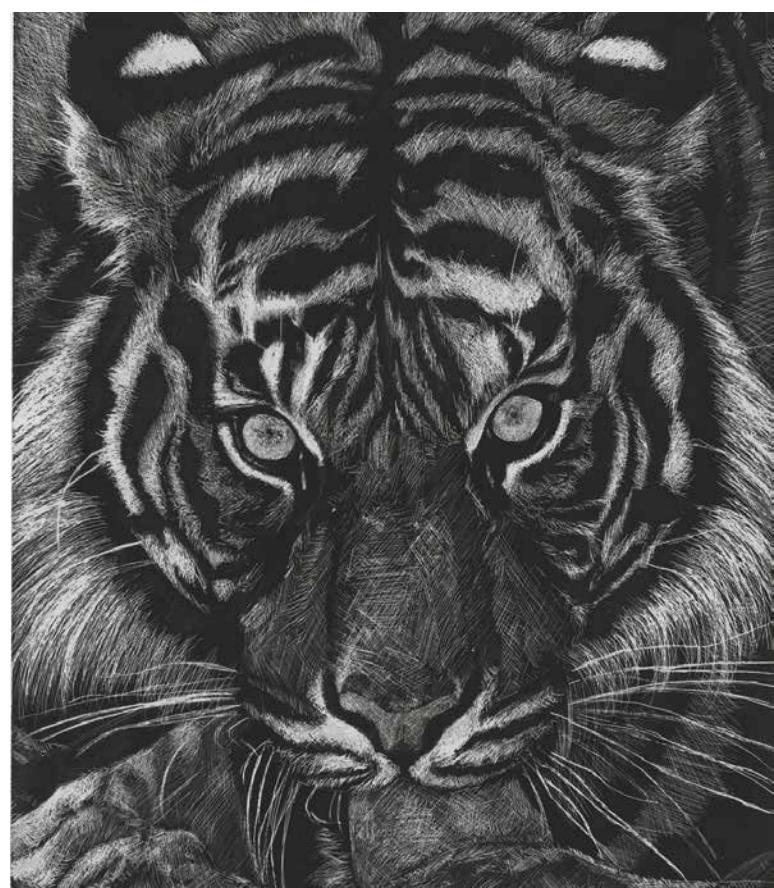
In this intermediate course in video production, students continue to build skills including advanced camera operation, character and graphics generation and instant replay.

5 CREDITS

VIDEO PRODUCTION 30

An advanced course in video production that will build skills in directing and show running as well as project management/producing.

5 CREDITS



CONSTRUCTION

Construction Technology provides students with a foundation in carpentry, cabinetmaking, and furniture making. The course is designed to build basic skills and progressively enhance techniques as students advance through the program. Participants will gain essential knowledge and hands-on experience to improve their general woodworking abilities. While the course emphasizes practical, hands-on learning, students will also complete theory components to progress to the lab and receive credit.

CONSTRUCTION 10

In this introductory course, students gain foundational skills in carpentry, cabinetmaking, and furniture making. They develop basic hand and power tool skills to transform common building materials into useful products, focusing on safe and effective practices. Projects include creating items from solid wood and learning wood turning techniques for spindle and faceplate turning. Students will also learn essential skills in shop drawing, estimating, and selecting appropriate materials, guiding them from design ideas to a completed product.

3 CREDITS

CONSTRUCTION 20

Expanding on skills from Construction 10, this intermediate course introduces students to joinery techniques, case construction, and frame and panel work, using both solid and composite materials. As students become more independent, they gain experience with advanced stationary power tools and take on more complex projects, like box-style furniture. They also learn finishing techniques, including applying new or replacement finishes, to enhance their woodworking skills, preparing them for further education or apprenticeship paths in the trades.

5 CREDITS

CONSTRUCTION 30

In this advanced-level course, students focus on independent, detailed work in cabinetmaking and furniture making. They refine their techniques through projects that incorporate leg-and-rail or pedestal construction to create free-standing furniture. Students also explore decorative techniques like veneer, inlay, carving, and marquetry to enhance their projects. Preventive maintenance, repair skills, and component replacement are covered, making this a capstone course for those interested in a career in woodworking, trades, or further specialized education.

5 CREDITS





FOODS

Bring out the inner chef in you! Join us and learn about food safety, knife skills and meal planning through working with various recipes. Students have the opportunity to create meals while gaining the knowledge and skills to be employable in the workforce.

Our program is more than just cooking. We analyze nutritional contents and discuss how food is an essential component to healthy living. Students will learn to make food from different cultures and understand how geographic regions influence the type of cuisines created.

Join us and learn one of the most essential skills you need.

FOODS 10

This course gives students opportunities to learn management and introductory cooking skills through theory and practical applications. Students cover topics such as food choices, nutrition, understanding recipes and working with a variety of ingredients.

3 CREDITS

FOODS 20

This course gives students opportunities to develop skills and concepts learned in Foods 10. Students will have an opportunity in this course to work with stocks, soups, sauces, pastries, yeast breads, vegetarian and International cuisine. The course concludes with a major assignment where students prepare a three course meal. Students will also develop meal plans through theory and practical applications.

3 CREDITS

FOODS 30

This course gives students opportunities to study aspects of food in relation to family life. Advanced level modules demand a higher level of expertise and help to prepare students for entry into the workplace or a related post-secondary program. Students will have the opportunity to be certified in Food Safety and Handling. Through theory and practical applications students will develop a business plan during the course.

5 CREDITS

MECHANICS

Have you ever used a car, bicycle, moped or lawn mower? Do you like to take things apart to see how they work? Do you like to work hands on and fix things? Do you want to learn the basic skills of changing oil and understand the mechanics of how an engine works?

Mechanics introduces students to knowledge, skill and hands-on experience in a shop environment that will allow them to diagnose vehicle systems, and repair and maintain vehicles. Explores careers in the automotive industry and how students may build a successful career in the trades.

MECHANICS 10

Students are introduced to basic mechanical procedures, systems, and safety. This course is filled with hands-on applications to support students as they develop critical thinking skills. Including the essential maintenance of cars, vehicle service and care, students also explore the vital workings of the mechanical engine.

3 CREDITS

MECHANICS 20

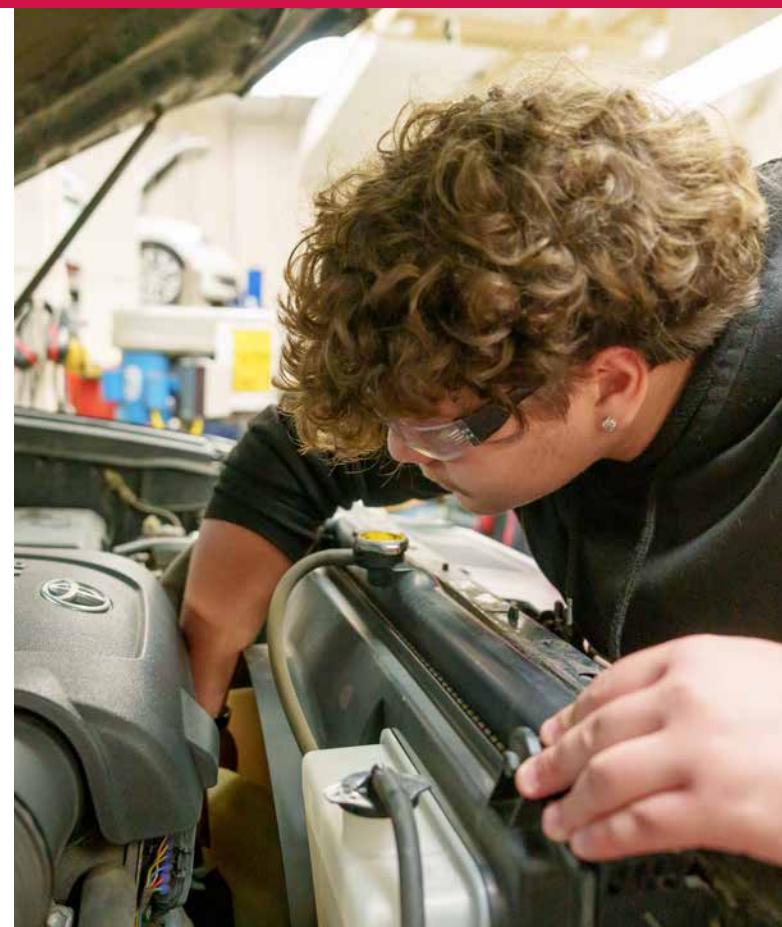
Students build on their skills from Mechanics 10 to solve increasingly complex problems as they relate to real world scenarios. Students learn to diagnose braking and suspension system issues. This includes modules that focus on pneumatics and hydraulics, braking, ride control and suspension. Students will learn how to look for issues and safely and efficiently repair these systems.

5 CREDITS

MECHANICS 30

This advanced-level course examines engine management systems and how they work. It explores how the computer systems of the mechanic industry keep our ever-growing complex vehicles running so efficiently. The course allows students to develop the knowledge, skills and abilities to pursue a career in related mechanical fields.

5 CREDITS



SCONA FEATURES: A Career and Technology Studies program that utilizes the latest in computer technology, which provides engaging hands on experiences for students of all skill levels. Many CTS students participate in the SKILLS competition.



SPECIAL PROGRAMS

LEARNWRITE

Strathcona's LearnWrite Program is a flexible alternative designed to fit the diverse lives and learning styles of our student population. Using print materials and computer technology, this alternative program is designed to accommodate students who are:

- Self-directed and/or like working in small group settings
- At risk of not completing their high school requirements
- Competing at National and Provincial programs in Athletics or Fine Arts

“THE ATTITUDE OF PEOPLE ACADEMICALLY AND SOCIALLY IS SO POSITIVE.”



WORK EXPERIENCE

WORK EXPERIENCE 15, 25, 35

Prerequisite – HCS 3000 Workplace Safety (1 Credit)

HCS 3000 is a self-directed module under the supervision of the work experience coordinator. This module must be completed online prior to starting Work Experience. The module includes the following six sections: Introduction, Workplace Health and Safety - Management Systems, Hazard Identification, Assessment and Control, Workplace Health and Safety - Legislation, Developing your Portfolio and Demonstrating Basic Workplace Competencies.

The Work Experience program helps students explore possible future careers and obtain credits for work completed. It is a method of instruction that involves the school, the students and the employer in a co-operative educational effort in order to enhance, support or extend the learning experience. Work Experience enables the student to be employed in community work stations where they can explore career possibilities and experience practical applications of knowledge and skills learned in school. Work Experience 15-25-35 courses, at each level, may be offered for 3, 4, 5, 6, 7, 8, 9 or 10 credits. Each course is time based; i.e., 25 hours per credit. (minimum of 3 credits and 75 hours).

Students may earn up to 30 credits in work experience, but the number of work experience credits that may be counted toward the Alberta High School Diploma is 15. Students are supervised by a work experience coordinator and an employer.

BETWEEN 3 AND 10 CREDITS PER COURSE

RAP

REGISTERED APPRENTICESHIP PROGRAM (RAP)

The RAP program at Strathcona High School in partnership with Careers: The Next Generation, allows high school students the opportunity to learn on the job, and to acquire hours towards their journeyman status. Students can earn up to 40 credits towards their high school diploma, in a given trade of the student's choice.

CLS/CONNECTIONS

COMMUNITY LEARNING SKILLS AND CONNECTIONS

Community Learning Skills and Connections supports students with moderate cognitive disabilities, significant developmental delays and behavioural difficulties. Programming focuses on assisting students to learn and use basic academic, communication and personal skills in the classroom, school and community. Assessments are goal based with individualized plans for each student. Students must meet coding and cognitive eligibilities for this program.

LEARNING STRATEGIES

“I CAME TO SCONA BECAUSE OF THE VIBE THAT I GOT FROM THE FIRST TIME I STEPPED INSIDE THE SCHOOL. IT SEEMED SO HYPE AND FRIENDLY AND THE SENSE OF COMMUNITY WAS SO STRONG. I LOVE HOW CONNECTED I FEEL TO THE SCHOOL. I FEEL LIKE THE COMMUNITY CARES ABOUT ME AND THAT WE’RE A BIG FAMILY.”



LEARNING STRATEGIES

LEARNING STRATEGIES

Learning Strategies is a 5 credit course which follows a locally developed curriculum. Students may gain credit for Learning Strategies 15, 25 and 35. **A counsellor’s recommendation is needed to register in this class.** The five major topics include:

- Understanding Self as Learner
- Organization and Management of Time and Resources (Human and Material)
- Understanding the Learning Process
- Assessment and Evaluation
- Self-Advocacy

This course is intended to help students with a variety of learning needs, as well as students who have encountered challenges in their learning, become successful at Strathcona High School. Learning Strategies also helps students facilitate a successful transition to the learning that takes place in post-secondary education and the world of work.

What do we do in Learning Strategies?

- Lessons that fulfill curricular expectations
- Course work completion
- Examination preparation
- Additional Learning Strategies Support
- Parent contact
- Close monitoring (attendance, report cards, teacher feedback)
- Guidance (personal, academic and career)

5 CREDITS

AWARDS, DIPLOMAS, CERTIFICATES, SCHOLARSHIPS

Students may earn a variety of awards during their high school years.

STRATHCONA AWARDS

1. Academic Awards – honours with distinction, honours and merit
2. Service Awards – major and minor, based on contributions to Strathcona clubs and activities
3. Athletic Awards – major and minor, calculated on a point system during the candidate's high school career in team and individual sports
4. Major Trophy and Cash Awards
 - Ross Sheppard Trophy, highest academic standing, Grade 10
 - Isabel Soper Trophy, highest academic standing, Grade 11
 - Wees Trophy, highest academic standing, Grade 12
 - Scarborough Trophy, service leadership, Grade 12
 - Griesdorff Trophy, service leadership, Grade 12
 - Duncan Innes School Council Trophy, athletic leadership, Grade 12
 - Harley-Millar-Sutton Trophy, athletic leadership, Grade 12
 - Chris Judge Scholarship Award, excellence in Fine Arts and Athletics
 - Jon Hameister-Ries Memorial Scholarship, athletic leadership, Grade 12
5. Governor General's Bronze Medal to the student with the highest academic average in Grade 12 based on final marks
6. School Council awards for achievement and/or leadership in Fine Arts and CTS
7. Various memorial awards honouring former staff and students; recognizing achievement and outstanding contribution in areas such as Advanced Placement, international languages, citizenship and school spirit
8. McEachern Foundation Scholarships
 - Steve McEachern Community Leadership Scholarship (\$2500), exemplary leadership in building community and fostering harmony among students at Strathcona High, Grade 10, 11 or 12
 - Robert McEachern Memorial Scholarship (\$2500), demonstrable need for financial assistance, Grade 10, 11 or 12
 - James Anderson Mayne Scholarship (\$2500), tenacity on the path to post-secondary studies, Grade 12
 - Scona Veterans Commemorative Scholarship (\$2500), significant initiative to commemorate Scona Veterans—particularly the Fallen, Grade 10, 11 or 12





SCHOLARSHIPS

A scholarship is a sum of money awarded to a student to help finance further education. Most scholarships are based on merit in areas ranging from academic, to service-oriented activities to athletic achievement. Student Services posts scholarship and award information in the daily bulletin on a regular basis. In addition, information is continually updated in our Student Services Google Classroom. Counsellors are also available to meet with students regarding application packages and submission requirements.

“
SCONA OFFERS A CHANCE FOR EVERY TYPE OF PERSON TO SHINE, STRIKING A PERFECT BALANCE BETWEEN ACADEMICS, ATHLETICS, AND LEADERSHIP. THERE IS SOMETHING TRULY SPECIAL ABOUT BEING SURROUNDED BY PEOPLE PASSIONATE ABOUT EVERYTHING THEY DO.
”

POST SECONDARY AND CAREER PLANNING

Student Services actively works with students on post secondary and career planning. During the high school years of study, students are encouraged to research their goals thoroughly. My Blueprint - myblueprint.ca/epsb is an excellent site to help in choosing a career.

Students are also encouraged to visit the Government of Alberta-Learning Information Service website at alis.alberta.ca. Here they will find vast amounts of information on career profiles, post-secondary planning and scholarships.

Students have the opportunity to connect with post secondary schools and to view post-secondary view-books in Student Services. Students are encouraged to consult with our counsellors for further assistance with their plans after high school.

AFTER HIGH SCHOOL— THEN WHAT?

STUDENT SERVICES PROVIDES CAREER AND POST-SECONDARY INFORMATION IN THE FOLLOWING WAYS

- Student Daily Bulletin posted on SchoolZone
- Google Classroom
- Bulletin boards
- One-on-one meetings
- Post-secondary planning meetings
- Post-secondary noon-hour sessions offered by representatives from across Canada (University of Alberta, McGill, Queen's, University of Toronto, Simon Fraser, University of British Columbia, Dalhousie, Military, etc.)
- Post-secondary and Scholarship Events – in the fall, check calendar for dates
- District Career Pathway initiation

Sound planning is beneficial for high school students, as they work to fulfill the necessary qualifications for a high school diploma. Following the completion of high school, commonly referred to as the post-secondary phase of one's education, many choices await graduating students. Beginning to plan for post-secondary in Grade 10 and Grade 11 is essential. Visit Student Services for more information.



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THE OPPORTUNITY TO HAVE AP CLASSES IN SUCH A WIDE VARIETY OF SUBJECT AREAS WAS ONE OF THE MAIN REASONS I CHOSE TO ATTEND SCONA. I REALLY ENJOYED BEING IN CLASSES WITH OTHER STUDENTS WHO WERE LOOKING TO BE CHALLENGED ACADEMICALLY, WHICH LED TO A MORE ENGAGING CLASSROOM ENVIRONMENT. AP ALSO GAVE ME A HEAD START ON UNIVERSITY. FROM GETTING USED TO ADVANCED TEXTBOOKS, TO LEARNING ABOUT RESEARCH AND CITATIONS, TO TAKING LONG, HIGH-LEVEL EXAMS, IT MADE THE TRANSITION A WHOLE LOT EASIER. IT ALLOWED ME TO GAIN CREDIT FOR FIRST-YEAR UNIVERSITY CLASSES, SO I COULD TAKE MORE SECOND-YEAR OR OPTION COURSES RIGHT AWAY. DEFINITELY CONSIDER AP IF YOU'RE LOOKING TO BE CHALLENGED, ENGAGED, AND WOULD LIKE A GLIMPSE INTO WHAT UNIVERSITY EDUCATION HAS TO OFFER.

SCONA FEATURES: More than 70% of Strathcona students continue to post-secondary education



SUMMER SCHOOL

For more information please call Metro Continuing Education at 780-428-1111 or visit metrocontinuingeducation.ca

HIGH SCHOOL COURSES: GRADE 9 STUDENTS

3 CREDITS:

Physical Education 10
C.A.L.M. 20

CURRENT HIGH SCHOOL STUDENTS ONLY

5 CREDITS:

Math 10C
Math 20-1
Math 30-1
Science 10
Biology 20
Chemistry 20
Physics 20
English 20-1
English 30-1

Social 20-1
Social 30-1
Physical Education 20, 30
Work Experience 15, 25, 35
RAP 15, 25, 35

3 CREDITS:

C.A.L.M. 20
Physical Education 10



I CAME TO SCONA BECAUSE IT
EMBODIES TRUE COMMUNITY
LEADERSHIP. ALTHOUGH WE
MAY NOT KNOW EVERY FACE IN
THE HALLS, WE SUPPORT AND
CELEBRATE EACH OTHER'S
ACCOMPLISHMENTS, AND
WEAR THE LORDS LOGO
WITH PRIDE.



* Classes may be cancelled if a minimum enrolment is not achieved.

Note: Please consider course dates when booking holidays, as no provision will be made for late start, missed classes or early release of students.

One 5-credit or two 3-credit courses are a maximum load for summer learning.



PRE-ENROL

PRE-ENROL ON SCHOOLZONE IN 2026

Between February 2 and March 25, 2026 parents of students currently attending district schools can select their child's preferred school for 2026-2027 through their parents SchoolZone account. You can even use the mobile version of SchoolZone to complete the process directly from your smartphone!

QUESTIONS?

Talk to the principal at your child's current school.

HAVE YOU MOVED?

Update your child's current address with the school office before pre-enrolling on SchoolZone.

NEW TO THE DISTRICT?

Contact your preferred school to learn how to register as a new student before the March 25th deadline.





STRATHCONA HIGH SCHOOL

**10450 72 Avenue
Edmonton AB, T6E 0Z6**

Phone	Fax
780.439.3957	780.432.0583

INTERNET RESOURCES

Strathcona High School
strathcona.epsb.ca

AP Student Site
apstudents.collegeboard.org