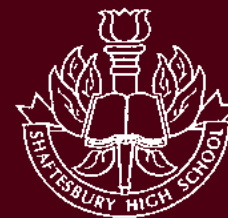




COURSE DESCRIPTION GUIDE
2022-2023



Shaftesbury
High School

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Cover picture was taken following all safety protocols.

SHAFTESBURY

Shaftesbury: Mission and Vision

OUR MISSION

At Shaftesbury, we excel in academics, athletics, and the arts. As stewards of our communities and landscape, we lead and contribute with imagination and drive.

OUR VISION

As a learning organization, Shaftesbury High School is a place where all students and adults work together in an engaging, inclusive, collaborative, and student-success-oriented school culture. The collective mission of our school community is the achievement of students' personal excellence in academics, citizenship, arts, and athletics.

Introduction

Shaftesbury High School is the catchment area high school for the students of Charleswood, Laidlaw, Linden Meadows, and Van Wallegghem Schools. We are also the school of choice for over one hundred students from around the city and across the province. We are home for many international students as part of our division's International Student Program, as well as the host school for PTECH (Pembina Trails Early College) students, Rink Hockey Academy, and WHL Winnipeg Ice student athletes.

This guide is provided to assist students, parents, and guardians to better understand our school and our school programs. We know that one of the most important decisions a family makes is around the selection of a high school. We would be honoured for Shaftesbury High School to be your choice.

Please use this guide as a resource during family discussions to assist students in making informed program and course choices. Future career opportunities may be influenced by present course selections. Students should honestly and seriously consider their own personal interests, abilities, aspirations, long-term plans, and use the information as a guide for choosing courses.

After personal reflection and family discussion, students and parents/guardians are encouraged to consult with school staff regarding course planning. Such planning is critical to meeting the requirements of graduation, admission to post-secondary educational institutions, and transitioning to the world of work.

Information

SCHOOLS OF CHOICE

Under *Schools of Choice* legislation, parents/guardians and students have the ability to choose a school other than their neighbourhood catchment school. There are certain responsibilities and obligations that parents/guardians and students must meet when exercising their right to choose a school. Some issues that may require further consideration are: program suitability, space availability, notification dates, and transportation. Please note the following:

- Students, parents/guardians wishing to exercise their right to choose a school may come directly to Shaftesbury to apply.
- *Schools of Choice* applications should be submitted as early as possible. Applications received after May 15 will be more difficult to accommodate and students are less likely to receive the option courses they have requested as a result.
- Second semester applications are more likely to be accommodated if they are received before September 30th.
- Once a student has been accepted by Shaftesbury, the student may attend our school until graduation.
- The school division does not provide transportation for *Schools of Choice* students.

INTERNATIONAL STUDENT PROGRAM

The International Student Program (ISP) recognizes the importance and the value of cultural awareness, both for students coming to Canada to study and for student residents in our community.

Shaftesbury High School is a proud participant in the Pembina Trails School Division ISP. This program recruits students from around the world to attend schools in the division.

Regular cultural and recreational activities are provided for international students to assist them in learning about life in Winnipeg, Manitoba and across Canada.

International students have the opportunity to enroll in a full high school program at Shaftesbury High School. They are also able to make connections with students from around the world as Shaftesbury High School has over thirty countries represented within the school population. The school climate promotes and nurtures global citizenship, multiculturalism, diversity, and inclusion.

For further information about the International Student Program, visit the website at www.pembinatrails.ca/affiliates/isp. Those families interested in hosting ISP students as Home Stay Families are encouraged to contact the International Student Program office at 204-488-1757.

STUDENT FEES

The student fee entitles each student to supervision at lunch, locks and lockers, active living centre usage, participation in school activities (i.e. orientations, barbeque, and celebrations), and (if applicable) a yearbook. The student fee for the 2022-2023 school year is \$75.00 (includes yearbook) or \$50.00 (no yearbook) which will be collected beginning in late-August. Cash, cheque, or online payments are accepted.



THE SCHOOL DAY AND TIMETABLE

The school year is divided into two equal parts (semesters). The first semester runs from September to January, and the second semester runs from February to June. Most courses are completed within a single semester.

Monday – Friday

Period	Class Times
A	8:30 – 9:40
B	9:40 – 10:50
C	10:50 – 12:00
Lunch	12:00 – 1:10
D	1:10 – 2:20
E	2:20 – 3:30

The school timetable is designed to offer compulsory courses in each semester. Students are strongly encouraged to select a balanced course load. Please note, some courses may only be offered in one semester. Some courses run all year. Courses listed in this guide may not be offered if there is insufficient enrolment.

Registration for the subsequent school year begins in February. Courses for both semesters are selected at the time of registration. Any course changes after registration will be subject to space availability. Please know that while the best effort will be made to ensure students will receive option courses of their choice indicated on their course selection form, we cannot guarantee that as course offerings are dependent on enrolment and timetable restrictions.

NOTE: At the time of registration, students going into Grade 12 will have preference in the course selection process. Grade 11 students will have preference in course selection over Grade 10 students and Grade 10 students will have preference over Grade 9 students.

ASSESSMENT AND REPORTING

Assessment week takes place at the end of each semester in January and June. Students are expected to be available for the entire assessment week.

Parent- teacher conferences are scheduled approximately 6 to 7 weeks after the beginning of each semester. The first report card is issued approximately halfway through each semester. Final report cards are issued in February and June. Teachers will provide progress reports via Edsby regularly. Parents/guardians are invited to contact classroom teachers regarding any questions or concerns about their child's performance.

AGE OF MAJORITY

According to Section 42.3(3) of the Public Schools Act, students who reach the age of eighteen (age of majority) are legally entitled to be the sole recipients of information with regard to their school progress. This includes all information relating to matters of academic progress, school attendance, and discipline. Schools will comply with this regulation unless the **age of majority student** advises them to do otherwise. A form is mailed to students the month in which they turn eighteen years of age. Parents/guardians may continue to receive school information only if their eighteen year old provides the division with written consent. For students who have not provided this consent, parents/guardians are informed of the new information flow as the student turns eighteen.

AWARDS AND SCHOLARSHIPS

A variety of awards and scholarships are available at Shaftesbury High School. The awards and scholarships are school, division, university, and/or community initiated. Detailed information on awards and scholarships is available from the student support services team and on our school website www.pembinatrails.ca/Shaftesbury/page/1945/awards-and-scholarships.



Extra-Curricular Activities

Shaftesbury offers a comprehensive extra-curricular program. Extra-curricular activities are an important part of school life and add a significant dimension to a student's total school experience. Students are encouraged to participate in these activities. Information on these opportunities is provided to students on a regular basis through daily announcements and hallway displays.

HIGHLIGHTS

- Annual Film Projects:
 - Short and Feature Films
- Canoe Trip
- Career Symposium & University Days
- Convocation
- Drama Production
- Grad (Dinner, Dance, Pictures, & Grad Wear)
- Grade 9 Take Your Kids to Work
- Grade Competition
- New Student Orientation Day
- Pep Rallies
- Post-Secondary Information Evening
- Remembrance Day Assembly
- Spirit Weeks
- Year End BBQ

CLUBS + ACTIVITIES

- Envirothon
- AP Club
- GSA (Gender Sexuality Alliance)
- Grad Committee
- Industrial Arts Open Shop
- Industry Conferences
- Intramurals
- Knitting Club
- Maker Space
- Math Competitions
- Reach for the Top –
 - Intermediate and Senior
- Recycling
- SAT Prep
- Science Competitions
- Student Council
- Twenty Sided Titans

ARTS SHOWCASES

- Art Club
- Band Concerts
- Band Festivals and Band Trips
- Choral Fest/Winnipeg Music Festival
- Drama Production
- Vocal Jazz

FUNDRAISERS, CHARITIES, AND SERVICE OPPORTUNITIES

- Blood Donor Clinics
- Cancer Society Fundraisers
- Christmas Cheer Board
- Craft Sale
- Koats for Kids
- Terry Fox Walk
- Shaftesbury Toy Drive
- United Way
- Manitoba Harvest
- Food and clothing drive
- Youth in Philanthropy



Course Selections

UNDERSTANDING COURSE CODES

All courses in the course guide for Grade 9, Grade 10, Grade 11, and Grade 12 are numbered in three characters, as specified by Manitoba Education.

First Character:

Indicates the course level (“1” for Grade 9; “2” for Grade 10; “3” for Grade 11; “4” for Grade 12)

Second Character:

- 0 Developed or approved by Manitoba Education for 1 credit
- 1 Developed by school or division (includes Student Initiated courses – SIC and School Initiated Projects – SIP)
- 2 Developed elsewhere, such as university, out-of-province and out-of-country (Advanced Placement Courses)
- 5 Developed or approved by Manitoba Education for 0.5 credit (half credit courses)

Third Character:

- F Foundation compulsory courses for all students which may lead to further studies beyond the senior years (e.g. apprenticeship, college, and university)
- G General education experiences for all students
- S Specialized learning experiences focused on specific skills and content

For example: *English 20F* is a course intended for Grade 10 students (2) developed by Manitoba Education for 1 credit (0), reflecting broadly based educational experiences that are appropriate for all students (F).

*Half credit courses are offered in combination, for example, Intro to Photography (DP25S) with Video (DFM25S)



GRADUATION REQUIREMENTS

Manitoba Education requires that students meet the following criteria to be eligible for graduation.

- Students must complete a minimum of 30 credits.
- Students must complete all of the compulsory courses.
- Students must complete a minimum of one Grade 11 and two Grade 12 credits from the available optional courses list.

Compulsory Courses Required For Graduation

	Grade 9	Grade 10	Grade 11	Grade 12
English	10F	20F	30S	40S
Mathematics	10F	20S	30S	40S
Physical Education	10F	20F	30F	40F
Science	10F	20F		
Social Studies	10F			
Geography		20F		
History: Canadian			30F	



HOW TO SELECT COURSES

When selecting a program of study for the coming school year, students and their parents/guardians are urged to consider the following:

1. The student should select courses that are best suited to particular interests, skills, and aptitudes, taking into consideration future career or education plans. Be honest and realistic when making these choices.
2. Students should select courses which will be reasonably challenging and can be successfully completed.
3. Students are encouraged to consult teachers, advisors, and/or a school administrator when selecting courses. The opinions and advice of the professional staff are readily available and may make decisions much easier.
4. In making choices, students should consider the entrance requirements of the universities, colleges, and other post-secondary institutions that they may plan to attend after graduation. Specific information is available from their student advisor.

HOW TO CHANGE COURSES

When selecting courses at the time of registration, students are making their choice for the entire school year (both semesters). Students and their parents/guardians are encouraged to consider the following:

1. In the event that a change is requested, some opportunity to adjust timetables exists. However, any changes are subject to space availability.
2. Changes must be completed before the end of the first week after the course begins.
3. Students who need or want to repeat a course from the first semester in the second semester, will be accommodated only where space permits. Students may not be able to take a course twice in the same school year if demand is high. Students who do not succeed at courses in the first semester may be required to make their next attempt in the following school year.



**APPLIED COMMERCE
& TECHNOLOGY**

APPLIED COMMERCE & TECHNOLOGY

APPLIED COMMERCE EDUCATION

Business Innovations 10S (BUSINN10S)

Business Innovations is an introductory course that allows students to sample the various strands within the applied commerce education program. The course offers students the opportunity to explore commerce-related topics, such as economics, entrepreneurship, business, marketing, technology, and finance. Throughout the course, students will apply the concepts and strategies they learn to a variety of creative business projects or simulations. It is the suggested introduction to all of the other courses offered in the applied commerce education subject area.

Creative Promotions 20S (CRPROM20S)

Students develop an understanding of promotional communication from both a theoretical and a practical approach. The course focuses on advertising strategies, direct marketing, personal selling, sales promotions, and public relations. Students will apply these concepts and their creativity to design a variety of promotional and advertising material. Creative Promotions is designed for students who are looking to expand their business knowledge regarding communicating effectively and creatively.

Venture Development 30S (VENDEV30S)

Students focus on planning, creating, implementing, evaluating, and growing their own business venture. Venture Development is designed for students interested in starting their own business and in furthering their knowledge of business ownership and management principles.

Business Management 40S (BUSMGMT40S)

This course is designed for students interested in furthering their knowledge of management strategies used in various settings and furthering their knowledge of business ownership. Focus is given to developing skills in planning, leading, organizing, controlling, and staffing. Students will study various management styles and participate in activities related to human resources, inventory, finance, and project management.

Computer Science 20S (CS20S)

This course introduces students to the basics of computer programming. C# programming language on a .NET platform is introduced. Topics include: variables and basic data types, if-else statements, loops, sub programs/methods without parameters, documenting code, careers in computer science, computer science history and ethics.

This is a foundation course and is recommended for students new to computer science.

Computer Science 30S (CS30S)

True object-oriented programming using the C# language will be taught as a foundation for further study in Computer Science 40S. Students will build on the topics introduced in Computer Science 20S. Topics include arrays, manipulating text (including extraction, concatenation and comparison), switch statements, sub programs with parameters, local and global variables.

This course is a continuation of CS20S, it is not recommended for students new to computer science.

Computer Science 40S (CS40S)

This course builds on the foundation skills introduced and developed in Computer Science 20S and 30S. Students will continue the study of C# programming language, covering topics which include exception-handling, arrays, classes, sorting, searching, recursion, object-oriented design concepts and a group project.

This course is a continuation of CS30S, it is not recommended for students new to computer science.

AP Computer Science 42S (CSA42S)

In addition to earning a high school credit, this course is designed to provide students with the opportunity to earn university credit by writing the College Board AP exam at the conclusion of this course. This course closely follows the curriculum set by the College Board and includes topics such as Writing Classes, Inheritance, 1-dimensional and 2-dimensional arrays, and Recursion. There is a \$150.00 fee for students choosing to write the AP exam.

Intro to Photography and Video 25S (DP25S & DFM25S)

This course is designed to introduce students to the fundamentals of photography and video production. Specifically, this course examines the basic functions of a camera, image composition, photo enhancement and manipulation, filming techniques, and creative video editing. Students will explore the use of DSLR cameras and software, such as Adobe Photoshop, Lightroom and Premiere Pro, to tell stories and convey digital messages.

Animation and 3D Modelling 35S (ANI35G & MOD35S)

This course focuses on the skills and knowledge needed to design, create and modify 2D animations (stop-motion, digital art, cartoons, etc.) and render 3D models (video game assets, life-like objects, etc.). Animation and 3D Modelling will have an emphasis on Computer generated animation and asset development. Students will use software such as Adobe Animate, Character Animator and Blender. There are no pre-requisites for this course.

Digital Photography 30S (DP30S)

This course builds on the Photography and Design skills acquired in Intro to Photography 25S focusing on photographic techniques and equipment. Students will be introduced to a variety of photography styles from portrait, to street, to food, to sports. They will also use DSLR cameras (and smartphones), specialty lenses, lights and digital editing techniques (Adobe Photoshop and Lightroom) to capture and create dynamic images to share.

Digital Photography 40S (DP40S)

The Digital Photography 40S course builds on the skills acquired in DP30S and will have an emphasis on advanced photographic techniques and equipment. Topics include studio lighting, travel photography, long exposure photography, image animation techniques (stop motion, time-lapse) and digital image compositing (Photoshop). Students will initiate and explore all the steps of a photographic assignment by creating a portfolio to showcase their learning and creativity.



Filmmaking 1 10S/20S/30S (IFP10S, IFP20S, IFP30S)

This course offers students the platform to write and produce professional and polished films, as a large group or team. Students enrolled in Filmmaking 1 will experience a wide range of creative (script-writing), technical (filming, editing, lighting, sound), and artistic opportunities (acting, set design, props, make-up). Upon completion of the course, students will have a broad understanding of how to create dynamic short films.

Filmmaking 2 40S (IFP40S)

This course builds on the skills and knowledge acquired in Filmmaking 1 30S. Students will learn to develop and produce their own independent film projects, including a scene re-creation, an action/chase scene, and an original short. Utilizing a student-centered and hands-on approach, the course provides students the opportunity to advance their creative, technical, and artistic filmmaking skills, whether it is in front of the camera, part of the crew on set, or doing post-production work. Filmmaking 2 provides an excellent foundation for students seeking a career in television or film.

Electricity/Electronics Technology 10G (EET10G)

This course will introduce beginning students to Industrial Arts with a focus on Electronics and Technology Education. Students will make compulsory and individual projects that introduce them to topics including: robotics, simple circuits, computer based programming, and electrical passive and active components. Student will learn safety practices with hand tools, large machinery, soldering, and technological ethics.

This is a foundation course and is recommended for students new to electronics.

Electricity/Electronics Technology 20G (EET20G)

This course will expand on skills and topics covered in Electricity/Electronics 10G. Students will make compulsory and individual projects that further explore topics including: robotics, simple circuits, computer based programming, and electrical passive and active components. Student will learn safety practices with hand tools, large machinery, soldering, and technological ethics.

This course is a continuation of EET10G, it is not recommended for students new to electronics.

Electricity/Electronics Technology 30S (EET30S)

This course will expand on the skills covered in Electricity/Electronics Technology 20G as well as introduce digital electronics and residential wiring. The areas of electronic/electrical design and fabrication will be developed and expanded upon, as well computer-based programming will be developed. CNC machining technology and CAD design will also be introduced as a method of the design and manufacturing process.

This course is a continuation of EET20G, it is not recommended for students new to electronics.

Graphic Communication Technology 10G (GCT10G)

This course will introduce beginning students to Industrial Arts with a focus on Graphic Arts and Technology Education. Students will construct compulsory projects in various industrial arts-based settings with a focus on shop safety and progressive skill development. The course will also explore the world of technology including concepts in craftsmanship, manipulation of materials, consumer awareness and careers in technology.

This is a foundation course and is recommended for students new to graphics.

Graphic Communication Technology 20G (GCT20G)

This course will expand the skills acquired to Graphic Communication Technology 10G. Content may include product design, illustrating, photo editing, single colour vinyl cut decals, single colour hand cut screen printing, heat transfer press decaling, digital photography, and other new media creation as time allows. Software design as well as production of print media using various processes will be the focus.

This course is a continuation of GCT10G, it is not recommended for students new to graphics.

Graphic Communication Technology 30S (GCT30S)

This course will expand the skills acquired to Graphic Communication Technology 20G. A special focus on industry is applied to previous skills learned. Content will extend previous topics and includes new topics such as industrial printing processes, design and layout, computer design, multi-colour screen printing, multi-colour vinyl sign cutting and multipage heat transfer decaling.

This course is a continuation of GCT10G, it is not recommended for students new to graphics.

Metalwork Technology 10G (MWT10G)

This course will introduce beginning students to Industrial Arts with a focus on Metalworking and Technology Education. Students will construct compulsory projects in various industrial arts-based settings with a focus on shop safety and progressive skill development. The course will also explore the world of technology including concepts in craftsmanship, manipulation of materials, consumer awareness and careers in metalwork technology.

This is a foundation course and is recommended for students new to metalworking.

Metalwork Technology 20G (MWT20G)

This course will expand the skills acquired to Metalworking Technology 10G. Students will make compulsory and elective projects that will introduce students to the topics of the design process, properties of metals, concepts of cutting, forming and assembly, and finishing. Students will learn safety practices with regards to proper use of hand and power tools as well as welding equipment.

This course is a continuation of MWT10G, it is not recommended for students new to metalworking.

Metalwork Technology 30S (MWT30S)

This course will expand on students' skills previously learned in Metalworking Technology 20G. The areas of design, fabrication, and finishing will be covered but the focus will be put on safety and the development of various manufacturing techniques and processes. Students will design and construct their own projects. However, the product is considered secondary to an understanding of the production processes used.

This course is a continuation of MWT20G, it is not recommended for students new to metalworking.

Applied Technology 40S (AT40S)

This course will expand on students' skills in Industrial Arts courses previously taken in the subjects of Electricity/Electronics Technology, Graphic Communications Technology and/or Metalworking Technology. Students will design a series of projects that will require students to explore, develop and utilize their skills in Industrial Arts. These topics can include but are not limited to design, basic engineering, manufacturing, computer-based programming, print production, and entrepreneurship. All students will be trained on the safe operation and implementation of all equipment regardless of previous experience.

This course is a continuation of EET30S, GCT30S or MWT30S, it is recommended that students have one of these three courses prior to registering for this course.





ARTS AND CAREER DEVELOPMENT

ARTS AND CAREER DEVELOPMENT

BAND AND CHOIR

Concert Band Grade 10S/20S/30S/40S (BA10S/20S/30S/40S)

Students will develop their performing and ensemble skills sequentially through the Grade 9, 10, 11, and 12 band courses. The music selections serve as the central course material and will advance as the grade level increases. These courses provide development in instrumental technique, reading skills, active listening skills, historical perspective, musicianship, expression and creativity. Each grade level will perform and study music from diverse genres and periods in music history. Performance opportunities are available to the students in the form of clinics, workshops, festivals, day trips and overnight trips. These courses run for a full year across the first and second semesters on alternating days. We strive to make band accessible to all, and we welcome registration from students who have not had the opportunity to be part of a band program previously.

Jazz Band 10S/20S/30S/40S (JB10S/JB20S/JB30S/JB40S)

These courses are designed for students who wish to perform in a specialized group studying the various styles of jazz music. Students will study and perform a variety of jazz selections with special attention given to technical competencies, jazz style, jazz concepts, jazz history and improvisation. Emphasis will be placed on the development of instrumental techniques unique to jazz, as well as the understanding of the history, form, style, and orchestration of jazz. The music selections and improvisational skills will advance as the grade level increases. These courses run for the full year across the first and second semesters, on opposite days to concert band in the timetable. It is available to all band students in Grades 9–12 and all students must be participants in their respective grade level concert bands. Concert band students are encouraged to register for this course regardless of previous jazz band experience.

Wind Ensemble 10S/20S/30S/40S (WIND10S/20S/30S/40S)

Wind ensemble is an extension of and enrichment to the regular band program (BND 10/20/30/40S). It is intended to provide further inspiration and an opportunity for students to achieve a higher level of competency in the physical and cognitive skills of music through ensemble performance. Students will perform University level music and will be challenged beyond what the regular band program affords. This course is available to all band students in Grades 9–12 and all students must be participants in their respective grade level concert bands. This course occurs outside of the regular timetable and students receive a full credit for the year.

Concert Choir 10S/20S/30S/40S (CHOR10S/CHOR20S/CHOR30S/CHOR40S)

This course is designed for students who have an interest in learning music through singing. In this course, students will learn the fundamentals of vocal production, develop aural and reading skills, and grow as choral musicians. No previous choral experience is required; all are welcome. Students study a variety of musical styles from Canada and around the world, including classical, jazz, pop, folk, and Broadway. Progressively, students will explore language and examine cultural perspectives, refine music literacy, engage with the community, travel to music festivals, attend performances, camps, and clinics, all to enhance the vocal skills and musicianship. This performance-based course is open to all students from Grades 9 to 12 and runs all year outside of the timetable.



DRAMA

Dramatic Arts 10S/20S/30S/40S (DRAMA10S/DRAMA20S/DRAMA30S/DRAMA40S)

Learning in dramatic arts is an ongoing, recursive and organic process. It involves four essential learning areas: making, creating, connecting, and responding with increasing breadth, depth, and transformation. At the end of this process the student should develop mastery, accuracy, and fluency in dramatic arts, able to define themselves both personally and artistically in the framework of belonging, unity and acceptance. Each year will build on the previous year, and will vary depending on the experience, interests and needs of the students. The program encompasses improvisation, script analysis, scene study, characterization, physical and vocal development, monologues, acting techniques, movement and script writing. Students in 40S will work towards writing, producing and performing their own works. An evening performance of a short play for an audience of family and friends will replace the final exam.

Theatre Production 10S/20S/30S/40S (THP10S/THP20S/THP30S/THP40S)

Shaftesbury's Theatre Production course consists of two major areas of study: Performance and Production. The course outcomes allow students to prepare and perform a musical or play as a culmination of the course work. Students taking this course will participate in either the Performance or Production component, according to their personal areas of skill and interest. Placement auditions (Performance) and interviews (Production) will take place early in the school year. All who complete placement auditions or interviews will have a role in the designated musical or play. These students will be instructed on performance techniques focusing on all aspects of "Onstage" work: sung and spoken vocal technique, movement and choreography, and the craft of acting, character development, improvisation, and stage work. Students in the area of Production will receive instruction that focuses on all aspects of "backstage" work: stage and house management, assistant direction, sets, sound, lighting, costumes, make up, hair, props, stage crew, pit band, ticket sales and marketing. This class occurs outside of the regular school timetable. Attendance at production performance dates is mandatory for all enrolled students. Assessments are based on written and practical assignments tailored to their level of enrollment (10S/20S/30S/40S).

VISUAL ARTS

Art 10S (ART10S)

This process-oriented course introduces students to the concept of idea as being central to artistic expression and acknowledges that the steps taken to reach a final project are as important as the finished work itself. Many areas of thinking and learning are incorporated, including criticism and appreciation, history and culture, media and technique, and design.

Art 20S (ART20S)

Art appreciation and satisfaction from self-expression are major aims of this studio-based course. Students will explore a variety of media and will focus on improving both their technical skill and their ability to translate their ideas into visual form. Students will demonstrate a heightened perceptual awareness and an increased level of creative thinking. Students will be familiar with the elements and principles of art and will be able to apply this language to discussion of both their own work and that of others.

Art 30S (ART30S)

The content of this course will include the exploration of the elements and principles of art as they apply to composition. Students will be exposed to a greater variety of media and will develop techniques related to the use of specific art materials. Problem-solving skills, when combined with these compositional and technical skills, will assist students in creating artistic statements which are both personal and effective. Art history and the principles of art criticism will be integrated with studio work.

Art 40S (ART40S)

This course is intended for students who wish to further explore the possibilities of creativity and self-expression. Students will enhance their problem-solving skills and will develop a greater visual awareness. The course is comprised of a combination of compulsory units and individually proposed units which allow students to direct their own learning. Art history and principles of art criticism are integrated with studio work.



CAREER DEVELOPMENT

The career development curricula have been designed to connect school learning with workplace and labour market realities. The courses will provide a smoother transition between high school graduation and more appropriate post-secondary educational programming. These courses will help students acquire and apply knowledge and skills to make appropriate decisions for life, work, and the essential post-secondary education/training that is required in today's economy. The broad range of experiences may vary from community visitor presentations, to work placements or volunteerism. Career Development courses allow students to register for Credit for Employment, and Career Development Internships.

Grade 9 Career Development: Life/Work Exploration (LWE10S)

This course places emphasis is on building positive self-esteem and exploring aspects of self such as personality, interests, values, and skills. Personal connections will be made between self-attributes and career exploration, resume building, and high school course selection.

Grade 10 Career Development: Life/Work Planning (LWP20S)

This course places a greater emphasis on matching personal attributes to occupations, work trends, communication skills, work search tools, and resume writing. An in-depth understanding of the personal-self will be solidified, and focus will be directed toward planning for high school and beyond.

Grade 11 Career Development: Life/Work Building (LWB30S)

This course focuses student learning on personal management skills, life/work balance, and building towards the transition from high school to post-secondary. Students are encouraged to pursue opportunities such as volunteerism, work experiences, and job shadowing. The career and community experiences unit may provide up to 46 hours in a workplace/community experience.

Grade 12 Career Development: Life/Work Transition (LWT40S)

This course places emphasis is on the transition from high school to post-secondary training and preparation for employment. The students are expected to participate in learning beyond the classroom through participation in career and community experiences. Opportunities available to pursue include work experience, volunteerism, or job shadowing. The career and community experiences unit may provide up to 80 hours in a workplace/community experience.



ADVANCE PRAISE FOR **B**

"When someone lives their life in a...
David A. Robertson's biography...
and speaks respectfully...
and his words

SHS12632

"AN INSTANT CLASSIC THAT DEMANDS TO BE READ WITH YOUR HEART
OPEN AND WITH A PERSPECTIVE WIDENED TO ALLOW IN A WHOLE NEW
UNDERSTANDING OF FAMILY, IDENTITY, AND LOVE." —CHERIE DIMALINE

The Black

LANGUAGES

LANGUAGES

ENGLISH

All English Language Arts (ELA) programs will offer varying degrees with the following types of language:

- **Literary language:** (literature) includes forms of communication intended to entertain, stimulate emotions and imagination, provide aesthetic pleasure, reveal truth about human nature, and to cultivate universal moral values. Literary materials include novels, short stories, plays, films, poetry, magazine and newspaper articles, autobiographies and biographies.
- **Transactional language:** is defined as language to get things done: to inform, advise, persuade, or instruct people. Transactional materials include expository and persuasive essays, letters, memos, newscasts, speeches, book reviews, and summaries.
- **Technical language:** is a part of transactional language specifically related to areas such as science, engineering and industry. Technical materials include manuals, instructions, surveys, and a wide range of reports.



English 10F (ELA10F)

This foundations course will present students with a balance of literary and transactional activities. Students will develop their knowledge and skills through the study of novels, short stories, poetry, drama, and non-fiction pieces. Additionally, students will be challenged to increase their competencies in the areas of reading, writing, listening, speaking, viewing, and representing.

**This course is offered to students as a semester or full year program.*

English 20F (ELA20F)

This foundations course will build on skills developed in the Grade 9 course. Students will explore literary and transactional pieces, with an emphasis on analysis of both pragmatic and aesthetic texts.

English Language Arts 10E/20E/30E/40E (ELA10E/ELA20E/ELA30E/ELA40E)

Materials and expectations are adapted for English as an Additional Language learners. The themes of the Grade 9, 10, 11 and 12 curriculums are followed. Students must be prepared to read, write, and study literature at the level appropriate to their stage of English language acquisition.

English Transactional Focus 30S (ELATF30S)

This course will focus on non-fiction reading and writing. Transactional materials include essays, letters, articles, speeches, and film, intended to inform, advise, persuade and instruct. Although the emphasis is on the pragmatic, students will also have the opportunity to explore literature in the form of novels, short stories, poetry, and dramas. There is no Shakespeare component in this course.

English Comprehensive Focus 30S (ELACF30S)

This course will develop and refine literacy skills by exploring a balance of literary and transactional materials. Students will read and analyze both fiction and non-fiction. Texts may include novels, short stories, poetry, dramas, articles, speeches, personal essays, and editorials. There is no Shakespeare component in this course.

English Literary Focus 30S (ELALF30S)

This course focuses on literature; however, some non-fiction materials will be included. Materials will encourage consideration of human nature and moral values. Literary pieces will include novels, short stories, poetry, and a Shakespearean drama. In a literary course, there is more emphasis on the aesthetic aspects of language and literature.

English Transactional Focus 40S (ELATF40S)

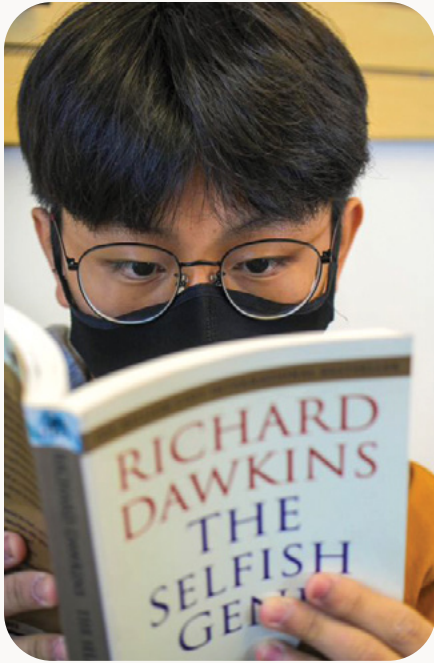
Students continue to build on skills acquired in Grade 11 English. Transactional materials include essays, letters, articles, speeches, visuals, and film, intended to inform, advise, persuade and instruct. The emphasis will be on pragmatic, both in reading and writing. Students can also expect to explore some literary pieces in the form of novels, short stories, poetry, or dramas. There is no Shakespeare component in this course.

English Comprehensive Focus 40S (ELACF40S)

This course will continue to develop and refine literacy skills addressed in Grade 11 English by exploring a balance of literary and transactional materials. Students will read, analyze, and critique both fiction and non-fiction pieces. Texts may include novels, short stories, poetry, dramas, articles, speeches, rants, personal essays, visuals, and film. There is no Shakespeare component in this course.

English Literary Focus 40S (ELALF40S)

Students will continue to build on skills acquired in Grade 11 English. This course will encourage students to become critical thinkers. Literary pieces will include novels, short stories, poetry, and a Shakespearean drama. Visuals, film, and non-fiction pieces will also be explored. Aesthetic aspects of language and literature will be at the forefront of this course.



AP Literature 32S (LIT32S)

Students will read and analyze a range of complex literary and informational texts. They will also incorporate this analysis effectively into their writing. Students will understand how writers and speakers use language and structure effectively for audience and purpose. This course is intended to prepare students for AP Literature 42S.

AP Literature 42S (LIT42S)

This course will provide students with the opportunity to work at a first-year university level in English. Students will consider a work's structure, style, and theme as well as its use of figurative and literary devices. Students will write to analyze and interpret a range of literary works. It is recommended students take AP Lit 32S first. Students will write the Advanced Placement Literature and Composition exam administered by the College Board. There will be a \$150.00 AP exam fee for students choosing to write the AP exam.

Reading is Thinking 10S/20S (RIT10S/RIT20S)

This optional course will address the literacy needs of high school students so that they develop the necessary skills, knowledge, and strategies to be proficient readers across the curriculum. Students will acquire critical reading skills that help them gain a deeper understanding of a variety of texts in science, social studies, math, and digital citizenship.

SPANISH

Spanish 10F (SPA(4Y)10F)

This course is offered to students who have never previously studied Spanish. Students will develop the ability to understand and communicate ideas that are essential for travel in the Spanish speaking world. This course builds foundational language skills to prepare for Spanish 20G. There is no exam in this course.

Spanish 20F (SPA(4Y)20F)

This course is a continuation of Spanish 10F. It combines spoken Spanish with listening comprehension, reading, and writing. The primary goals are to build conversational skills and to enhance social and cultural awareness of the Spanish speaking world. Spanish 10F is strongly recommended for Spanish 20F.

Intermediate Spanish 30S (SPA(4Y)30S)

This course is a continuation of Spanish 20F. Students will build confidence in communicating needs, asking questions, and expressing opinions. This interactive course enriches the student's understanding of the Spanish speaking world through art and sports. Spanish 20G is strongly recommend for Spanish 30S.

Advanced Spanish 40S (SPA(4Y)40S)

This course is a continuation of Spanish 30S. Students will learn advanced grammar concepts to improve their fluency, reading, and writing. This interactive course enriches the student's understanding of the Spanish speaking world through current events and pop culture. Spanish 30S is strongly recommended for Spanish 40S.

FRENCH

French Communication and Culture

The goals of French Communication and Culture are to provide students the opportunity to acquire the necessary language skills to communicate in French, to value the learning of French as a tool for personal, intellectual and social growth, to demonstrate an appreciation of francophone culture, and to further develop intercultural communication skills that are essential to all global citizens. French is the language of instruction.

French 10F (FCC10F)

Using a variety of interactive language learning strategies students become more comfortable expressing themselves in French with appropriate pronunciation using vocabulary and structures that are taught.

French 20F (FCC20F)

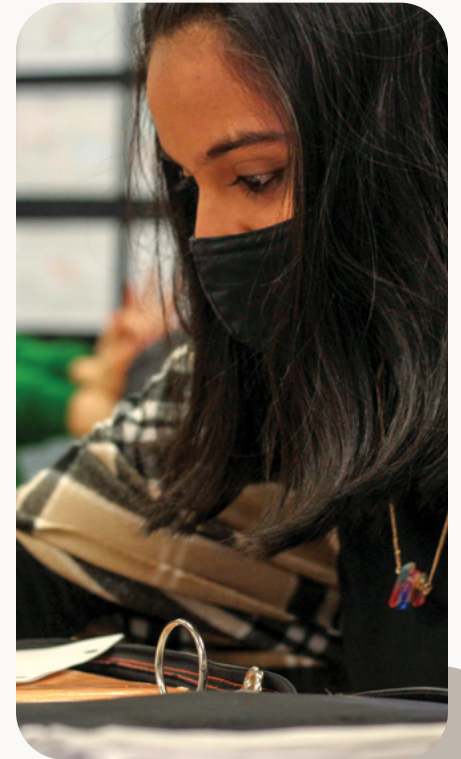
Students continue to expand vocabulary and improve pronunciation and communication skills through a variety of activities. Topics focus on student interests. Grouping and collaborative learning encourages interaction and the development of language skills.

French 30S (FCC30S)

Students continue to develop language learning strategies, cultural awareness, sophisticated vocabulary, and language structures. Students learn to communicate while exploring topics such as international travel and work opportunities, artistic expression and francophone culture in Canada and around the world.

French 40S (FCC40S)

The objective of this course is for students to further develop their language learning strategies, and to refine their oral and written fluency. As well, the course prepares students to further study in French at the post-secondary level. The course continues to emphasize accuracy in pronunciation and written work. Communication skills continue to be developed.



$$-25 + 4(2x + 5) = -61$$

$$-25 + 8x + 20 = -61$$

$$\begin{array}{r} -25 + 8x = -61 \\ +25 \quad +25 \end{array}$$

+25

$$+8x = -56$$

$\frac{8}{8}$

$\frac{-56}{8}$

$$x = -7$$

$$-25 + 8x + 20 = -61$$

$$8x = -61 - 20 + 25$$

$$8x = -56$$

$$x = \frac{-56}{8} = -7$$

MATHEMATICS

MATHEMATICS

The math program at Shaftesbury High School provides instruction from Grade 9 to Grade 12 in all provincial curricula as well as courses in Advanced Topics in Math, Calculus, and AP Calculus. Our goal is to provide students with the ideal paths in Grade 9 to Grade 12 mathematics that best fit students learning goals and needs. Texas Instrument graphics calculators are strongly recommended for students in Applied Mathematics and Pre-Calculus Mathematics.

Transitional Mathematics 10F (MTR10F)

This Grade 9 course reinforces skills learned in previous math courses and provides an introduction to the topics in the Mathematics 10F course. Topics will vary based on student need, but will emphasize problem solving strategies, mathematical literacy, and practical application of skills. This course is strongly recommended for students who received a grade of 60% or less in Grade 8 math.

Mathematics 10F (MATH10F)

Students in this Grade 9 course will be exposed to a range of the following topics: number sense, space and shape, patterns and relations, and algebra. A good understanding of these topics will help students to transition to the Grade 10 math course.

**This course is offered to students as a semester or full year program.*

Introduction to Applied and Pre-Calculus Mathematics 20S (MIAP20S)

This course is intended for students whose post-secondary plan may include a focus on mathematics and science related fields. In this Grade 10 math course students will be exposed to the following topics: algebraic and number sense, relations and functions and measurement. Some topics will be presented with both an applied mathematics and a pre-calculus mathematics approach. This means both the use of technology and algebraic manipulation will be used to solve problems. For students wishing to enroll in MIAP20S, a final mark of 70% or greater in Grade 9 math is strongly recommended.

Applied Mathematics 30S (MAP30S)

Applied math is intended for students who are considering post-secondary studies that do not require calculus. The following topics are included: measurement, geometry, logical reasoning, statistics, and relations and functions. Technology is an integral part of the course. A graphing calculator is required.

Applied Mathematics 40S (MAP40S)

Students will develop mathematical concepts using either data they have collected in experiments and activities, or data supplied to them. The course emphasizes effective communication skills and the use of technology. Topics include finance, logic, probability, relations and functions and design and measurement. A graphing calculator is required.

Essentials in Mathematics 20S (MES20S)

This course is intended for students whose post-secondary plan does not include a focus on mathematics and science-related fields. This course is meant to develop an awareness of the importance of mathematics, to improve basic computational skills and to increase competency in problem solving. Topics covered in this course include: analysis of games and numbers, personal finance, trigonometry, measurement, consumer decisions, transformations, 2D geometry and angle construction.

Essentials in Mathematics 30S (MES30S)

Essential mathematics is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Essentials math topics include interest and credit, 3-D geometry, statistics, managing money, relations and patterns, trigonometry and design modeling.

Essentials in Mathematics 40S (MES40S)

Essentials in mathematics students will expand their mathematical literacy by understanding how mathematical concepts permeate daily life, business, industry and government by focusing on such topics as Finance, Geometry and Trigonometry, Statistics, Measurement, and Probability.

Pre-Calculus Mathematics 30S (MPC30S)

Pre-Calculus math comprises a high-level study of theoretical mathematics with an emphasis on problem solving and mental mathematics. The topics include study of Algebra and Number, Trigonometry and Relations and Functions. A graphing calculator is recommended. For students planning to enroll in MPC30S, a final mark of 70% or greater in MIAP20S is strongly recommended.

Pre-Calculus Mathematics 40S (MPC40S)

Pre-calculus mathematics is designed for students who intend to study calculus and related mathematics as part of their post-secondary education. Students will be required to utilize previous knowledge to learn new mathematical concepts and topics and include circular functions, exponents and logarithms, permutations, combinations, and the binomial theorem. A graphing calculator is recommended. For students planning to enroll in MPC40S, a final mark of 70% or greater in MPC30S is strongly recommended.

UNIVERSITY PREPARATION COURSES

The following advanced courses are designed for highly proficient mathematics students intending to take mathematics courses at university.

AP Calculus 32S (Cal(AB)32S)

This course is designed to provide students with the opportunity of advanced placement or credit at university. Students study the material taught in first year university calculus. This course is recommended for students wishing to enroll in AP Calculus 42S (Cal(AB)42S).

AP Calculus 42S (Cal(AB)42S)

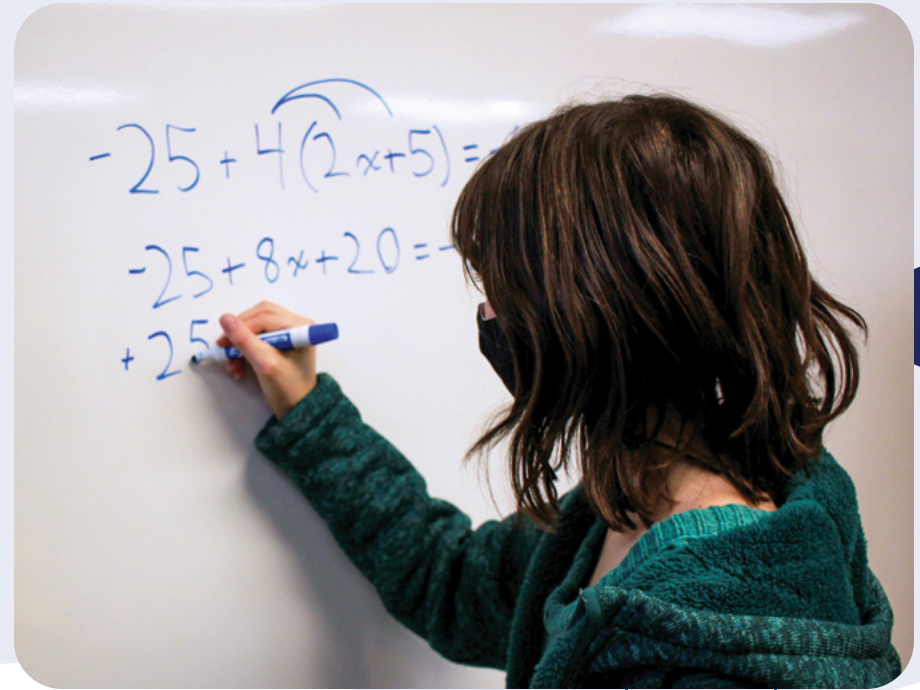
The material taught in this course is a continuation of AP Calculus 32S. This course is designed to provide students with the opportunity of advanced placement or credit at university. Students will write the College Board Calculus AB exam at the conclusion of this course.

Advanced Math (MAD(.5)41G)

This course includes statistics topics: exploring data, normal distribution, linear regression, transformation and grouped data and probability. The content of this course is a great introduction to first year university statistics. This is a 0.5 credit course taken with Calculus.

Calculus (CAL(.5)41G)

This course is designed for students who may wish to take Calculus in university. University topics in Calculus I and II topics are introduced. Students do not have to have credit in Pre-Calculus Mathematics 40S (MPC40S). This is a 0.5 credit course taken with Introduction to Calculus.





**PHYSICAL
EDUCATION**

PHYSICAL EDUCATION

In Grades 9–12 a physical education credit is compulsory at each grade level.

Physical Education 10F (PE10F)

This compulsory course is designed to develop the knowledge, skills, and attitudes conducive to a physically active and healthy lifestyle through a range of individual and team sport and fitness activities. Students will learn responsible safe behaviours and risk management strategies. The goal of the course is to connect students to the mental, physical, emotional, and social dimensions of health to live a healthy life.

Physical Education 20F (PE20F)

This compulsory course is designed to develop the knowledge, skills, and attitudes conducive to a physically active and healthy lifestyle through a range of individual and team sport and fitness activities. Students will learn responsible safe behaviours and risk management strategies. The goal of the course is to connect students to the mental, physical, emotional, and social dimensions of health to live a healthy life.

Active Healthy Lifestyles 30F/40F (PE30F/40F)

This compulsory course is designed to develop the knowledge, skills, and attitudes conducive to a physically active and healthy lifestyle through a range of individual and team sport and fitness activities. Students will learn responsible safe behaviours and risk management strategies. The goal of the course is to connect students to the mental, physical, emotional, and social dimensions of health to live a healthy life.

This is a full-credit course. Students will receive either a complete (credit granted) or incomplete (no credit granted) designation.

Principles of Fitness 30F/40F (PEF30F/40F)

This course is designed to develop the knowledge, skills, and attitudes conducive to a physically active and healthy lifestyle. This course will expose students to variety of fitness training techniques, with the focus being on the health-related fitness components. Students will learn responsible safe behaviours and risk management strategies. The goal of the course is to connect students to the mental, physical, emotional, and social dimensions of health to live a healthy life. The Grade 11 and 12 health curricula will be offered in this course and can be used to satisfy the compulsory Physical Education credit for Grade 11 and 12.

This is a full-credit course. Students will receive either a complete (credit granted) or incomplete (no credit granted) designation.

Principles of Basketball 30F/40F (PEBB30F/PEBB40F)

This course is designed to develop the knowledge, skills, and attitudes conducive to a physically active and healthy lifestyle and will provide students a broader view of the game of basketball. The course will cover technical aspects of basketball, individual and team skills, but also training principles, coaching, refereeing, scorekeeping, and other administrative areas of the game. The Grade 11 and 12 health curricula will be offered in this course and can be used to satisfy the compulsory Physical Education credit for Grade 11 and 12.

This is a full-credit course. Students will receive either a complete (credit granted) or incomplete (no credit granted) designation.



HOCKEY PROGRAM

At Shaftesbury, the hockey program includes a co-ed Hockey Skills course and male and female high school hockey league teams.

HOCKEY SKILLS 31G and 41G (HSA31G & HSA41G)

Shaftesbury is the only school in Pembina Trails to offer a Hockey Skills course for high school credit. This program is certified by Hockey Canada and is open to both male and female students of all skill levels. The Hockey Skills course focuses on developing a player's individual skills as well as their enjoyment of the game. The program is intended for students who want to participate in hockey-specific skill-development, advance their understanding of the game, and improve their fitness level.

The Hockey Skills course is part of our daily school schedule, where students can expect to be on the ice three times a week from September to January. Players will receive 50 hours of on-ice training and 60 hours of off-ice training including fitness training and classroom instruction. Classes are structured so that players of similar age and skill level are grouped together. Shaftesbury's Hockey Skills course has ice time at Varsity View Arena. The cost of the program is \$650.

The Hockey Skill course is led by highly qualified instructors, certified by Hockey Canada. Our instructors have coached at the high school, AA, AAA, female prep, provincial, and national level. We have been fortunate to have students from Germany, Switzerland, the Czech Republic, Japan and Belgium chose Shaftesbury for our Hockey Skills program. Some of our past students have gone on to play on the junior, provincial, national, and international stage.

Program Components

The Hockey Skills course is broken up into three parts where students will participate in on-ice skills development (at the Varsity View hockey rink), in off-ice skills development (gym and weight room), and in theory and classroom instruction.

High School Hockey

Shaftesbury High School was one of the initial schools to compete in the Winnipeg High School Hockey League, which started in 1987. Today, the Winnipeg High School Hockey League is one of the largest amateur leagues in the country with over 30 schools involved.

The boys' team has enjoyed tremendous success within the league and the many tournaments they have attended. The team has won multiple division championships, and has most recently participated in international tournaments in Dallas, Texas and Anaheim, California. Many Titan players go onto established careers in leagues across Canada.

Shaftesbury joined the Women's High School Hockey League in 2000. The women's team is a multi-year finalist and championship team with individual player accomplishments including top rookie, top scorer, sportsmanship award winners and most valuable player.



ATHLETIC TEAMS

At Shaftesbury High School, we value hard work, excellence, student engagement and the development of the well-rounded student athlete. One way to foster this is by offering several different athletic opportunities for students. At Shaftesbury we believe in the multi-sport model, supporting individual student participation in many different athletic endeavours. The following boys and girls athletic programs are offered at Shaftesbury High School:

- Badminton
- Basketball
- Beach Volleyball
- Cross Country
- Curling
- Golf
- Hockey
- Indoor and Outdoor Soccer
- Indoor and Outdoor Track and Field
- Rugby
- Team Handball
- Volleyball
- Ultimate Frisbee



SCIENCE

SCIENCE

Science 10F (SCI10F)

Grade 9 science is a required general course, designed to lay the foundation for future science courses. The course investigates reproduction, chemistry, electricity, and astronomy. The development of skills, knowledge, and attitudes within the context of the nature of science and technology are embedded. A thorough understanding of the learning outcomes in this course will greatly enhance students' chances of success in higher level science courses.

**This course is offered to students as a semester or full year program.*

Science 20F (SCI20F)

Grade 10 science is a required general course which investigates ecology, chemistry, forces/motion and weather. Upon successful completion of Science 20F students may enroll in their choice of: Biology 30S, Chemistry 30S, Current Topics 30S, and/or Physics 30S.

Biology 30S (BI030S)

This course focuses on human anatomy and physiology. Wellness and homeostasis are incorporated into the following units of study: digestive, respiratory, circulatory, immune, nervous, and endocrine systems. Students will acquire a general understanding of human body systems and associated disorders.

Biology 40S (BI040S)

This course provides students with background theory and laboratory experience in genetics and biodiversity. Topics include: Genetic problem solving, genetic disease, DNA structure/function, biotechnology, taxonomy, evolution, kingdoms of life, conservation of biodiversity and bioethics.

Biology AP 32S (BI032S)

This is the first of two courses that comprise the Advanced Placement (AP) Biology program. Students will explore AP Units 1–4: Biochemistry/Cell Physiology/Cell Energetics/Cell Communication and Cell Cycle and AP Unit 8: Ecosystems. Students cultivate their understanding of biology through inquiry-based investigations as they explore the topics. The course involves designing experiments and procedures to test predictions/theories. **Enrollment is self-selected – recommended for students who achieved an 85% or greater final mark in Biology 30S, demonstrate strong attendance patterns and are willing to work at a rigorous and accelerated pace.**

Biology AP 42S (BI042S)

This course continues from BI032S with the AP Biology Units 5/6/7: Heredity/Gene Expression and Regulation/Natural Selection. There is an emphasis on the application of principles through guided laboratory investigations. In May, students can write The College Board's Advanced Placement Biology exam. **Enrollment is self-selected – recommended for students who have completed Biology 32S, demonstrate strong attendance patterns and are willing to work at a rigorous and accelerated pace. There will be an AP exam Fee of \$150.00 for students who are choosing to write the AP exam.**

Chemistry 30S (CH30S)

Students will investigate five main topics in this introductory chemistry course: physical properties of matter, gases and the atmosphere, chemical reactions, solutions, and organic chemistry. Students will be required to use math skills to solve word problems, write about and present their understanding of chemical concepts through performance-based tasks, as well as work collaboratively as a member of a group. There is a significant laboratory component to the course which focuses on application of concepts and laboratory skills development. A credit in Chemistry 30S is required to pursue further studies in chemistry at the Grade 12 level.

Chemistry 40S (CH40S)

Students study a broad range of topics including aqueous solutions, atomic structure, kinetics, equilibrium, acids and bases, and electrochemistry. Students will participate in group investigations, execute laboratory activities, and solve chemical reaction problems using algebraic mathematical strategies. This course requires students to have attained a credit in Chemistry 30S; a solid foundational understanding of prior course concepts is essential for success. It is strongly recommended that students enrolled in Chemistry 40S also take pre-calculus and/or applied math.

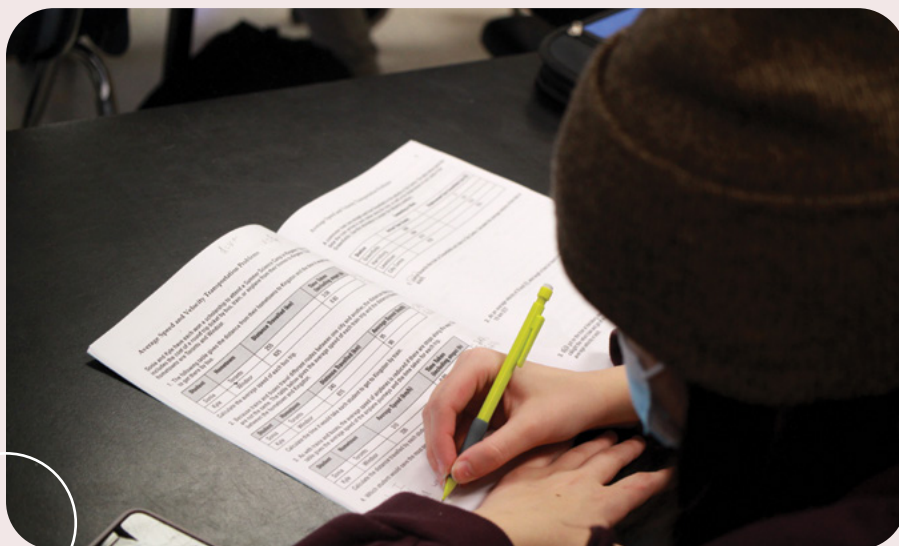
Chemistry AP 32S (CH32S)

This is the first of two courses that comprise the Advanced Placement (AP) Chemistry program. Students will study aqueous solutions, atomic structure, kinetics, equilibrium, acids and bases, and electrochemistry as required in Chemistry 40S with added first year university level topics. Students will participate in group investigations, execute laboratory activities, solve chemical reaction problems, defend their reasoning and explain concepts using scientific theories. This course includes a significantly larger laboratory component compared to high school level Chemistry courses as well as more complex mathematical strategies. It is strongly recommended that students enrolled in this course also take pre-calculus. **Enrollment is self-selected – recommended for students who achieved an 85% or greater in Chemistry 30S, demonstrate strong attendance patterns and are willing to work at a rigorous and accelerated pace.**



Chemistry AP 42S (CH42S)

In conjunction with topics covered in Chemistry AP 32S, students will complete the equivalent of a first-year university level general chemistry course. Students will explore new concepts including thermodynamics, bond theories, and acid-base buffers. There is an emphasis on the application of principles through guided laboratory investigations. In May, students can write The College Board's Advanced Placement Chemistry exam. **Enrollment is self-selected – recommended for students who have completed Chemistry AP 32S, demonstrate strong attendance patterns and are willing to work at a rigorous and accelerated pace. There is an AP exam fee of \$150.00 for students who choose to write the AP Chemistry exam.**



Current Topics 30S (CT30S)

Current Topics focuses on scientific inquiry, project design, and scientific literacy. This course examines how to critically analyze information for validity, design and execute projects using proper scientific research steps, and explore societal issues outside what would typically be addressed in a Chemistry, Physics, or Biology classroom. Students explore a variety of science topics including forensics and environmental sustainability of our school community.

Physics 30S (PHY30S)

Physics 30S develops students understand of the basic principles and concepts of physics. The course continues the study of the nature of science (models, laws and theories), waves (one and two-dimensional waves including an introduction to sound and light), linear motion and vectors, dynamics (includes Newton's laws of motion, friction and gravitation) and forces and force fields (gravity, electricity and magnetism). It is strongly recommended that students enrolled in Physics 30S also take pre-calculus or applied math.

Physics 40S (PHY40S)

This course develops students' understanding of the basic principles and concepts of physics. The course includes topics on two-dimensional motion (projectiles), two-dimensional dynamics, momentum and impulse, work and energy (and its conservation), circular motion, fields, and electric circuits. It is strongly recommended that students take pre-calculus and/or applied math with physics.

Physics AP 32S (PHY32S)

Students will study expanded topics on two-dimensional motion, two-dimensional dynamics, momentum and impulse, work and energy, circular motion, fields, and electric circuits as required in Physics 40S. Students will also deepen their understanding of physics through extensive laboratory activities, inquiry-based learning, and experimental design. **Enrollment is self-selected – recommended for students who have achieved an 85% or greater in Physics 30S, demonstrate strong attendance patterns and are willing to work at a rigorous and accelerated pace.**

Physics AP 42S (PHY42S)

This course, offered in the second semester, follows the Advanced Placement Physics 1 syllabus and culminates with the College Board's Advanced Placement physics exam in May. The course expands on topics already studied in Physics 30S and 32S and includes additional topics such as rotational motion and simple harmonic motion. **Enrollment is self-selected – recommended for students who have completed Physics 32S, demonstrate strong attendance patterns and are willing to work at a rigorous and accelerated pace. There is an AP exam fee of \$150.00 for students who choose to write the AP Physics exam.**



**SOCIAL
SCIENCES**

SOCIAL SCIENCES

SOCIAL STUDIES

Social Studies is the exploration of people in relation to each other and to the world in which they live. It examines the past and present and looks toward the future. Social studies prepares students to become active participants in a democracy. Recognizing that an understanding of Canada's complex history with Indigenous peoples is essential for the education of all students, social studies courses incorporate a continuum of experiences to facilitate this understanding.

Canada and the Contemporary World 10F (SSCW10F)

Students develop an understanding of Canadian society, its regional diversity, and the roles and responsibilities of Canadian citizens. Students explore the question, "Who is a Canadian?" and examine the multicultural nature of Canadian society. The focus is on Canada's physical regions and the unifying forces and challenges facing Canada.

**This course is offered to students as a semester or full year program.*

Geography: Geographic Issues of the 21st Century 20F (GEOIC20F)

Students develop an understanding of the relationship between people and their environment. The following themes will be examined: geographic literacy, natural resources, food from the land, industry and trade, and urban places.

History: American 20G (HIS20G)

Students develop an understanding of the political and social history of the United States of America. The course highlights the important events and issues in American history, focusing upon events from the founding of the nation to the emergence of the USA as a world power in the twentieth century.

History: Canadian 30F (HIS30F)

Students examine Canada's political, economic, and social history to develop a deeper understanding of Canada. Canadian History 30F provides learning experiences that lead to an appreciation of our present-day diverse community and of our place in the modern world.

Cinema as a Witness to Modern History (CWMH40S)

Students study 20th Century World History through critical analysis of films. Students watch and respond to films that deal with key events, ideas, people, and developments in society that have influenced the modern world. Key topics include war and peace, revolution, propaganda, and social change. Students learn media literacy skills, critical thinking skills, and gain an understanding of how historic events have shaped the world today.

Current Topics in First Nations, Metis, and Inuit Studies 40S (FNMI40S)

Students explore past and current topics for First Nations, Metis, and Inuit peoples in Canada and around the world. This course explores the histories, traditions, and cultures of indigenous peoples as well as contemporary issues and challenges facing Indigenous peoples in Canada, and in other regions of the globe. Students employ critical thinking, analytical and inquiry skills that enable them to acquire a deeper understanding of past and present realities of Indigenous groups. Additionally, this course examines such diverse topics as self-government, residential schools, and cultural/linguistic recovery that will enable students to create a foundation of understanding towards a positive future envisioned by Indigenous peoples, and by all Canadians.



Global Issues: Citizenship and Sustainability 40S (GI40S)

This course is for students interested in contemporary issues affecting the world. Students examine the social, political, environmental, and economic impact of a variety of contemporary and emerging issues in the world. Students conduct inquiry into issues that are crucial to living in a contemporary, connected, interdependent world. They develop and practice the competencies of citizenship and become able to envision and work toward a better future for all.

Law 40S (LAW40S)

Studying law gives students the opportunity to acquire knowledge and competencies that will help them throughout their lives as responsible citizens. Acquiring knowledge of the Canadian legal system allows students to play a positive, active role in society. Students develop critical thinking skills and form personal opinions on contemporary legal issues. This course presents students with the major components of Canadian law, beginning with the foundations of law, followed by the Canadian Charter of Rights and Freedoms, criminal law, civil law, the Youth Criminal Justice Act, and family law. Much of the course will focus on current, relevant, and groundbreaking cases that shape the legal landscape of Canada.

Psychology 40S (PSY40S)

This course is an introduction to psychology. Students study human behavior through an examination of the major theories, principles, and practices of the discipline. Students examine a variety of current sources that contain facts, studies, and basic theories on human behavior.

AP Psychology 42S (PSY42S)

This course offers highly motivated students the opportunity to study psychology at a first-year university level. Students study psychological theories, principles, and practices in each of the major subfields in psychology. The course prepares students to write the Advanced Placement Psychology examination administered by The College Board in May of each year.

Sport Psychology 31G (SPORTPSY31G)

This course introduces and familiarizes students with the important theories and concepts in the field of sport psychology and captures the excitement of the world of sport and exercise. Students explore practical applications of psychology in the context of sport. Topics of study include goal setting, visualization, motivation, concussions, recovering from injury, and substance/steroid abuse. Sport Psychology is an elective course intended for students enrolled in Grades 10, 11, and 12. It is strongly recommended that students who take this course are involved in sport on a regular basis.

HUMAN ECOLOGY

Human ecology courses empower individuals to become active and informed members of society who can live independently, within thriving families, and in dynamic communities. Human ecology education provides students with essential knowledge and transferable skills that are applicable to their personal lives and to success in learning, life, and work.

Human Ecology 10S (HE10S)

This course encompasses areas of study within family studies, food and nutrition, and textile arts and design. Family studies explores adolescent development from the perspective of the adolescent student. Food and nutrition focuses on the individual and the relationships and influences that affect food choices. Students examine the fundamentals of nutrition and develop safe food handling and food preparation skills in a practical setting. The textile arts and design component of this course explores a basic understanding of textiles available to the individual consumer and how those textiles can be constructed, designed, used, and obtained. Students examine personal use of textiles, individual clothing choices, sustainability of local communities, and an introduction to environmental design.

Family Studies 20S (FS20S)

Students examine the knowledge and skills required by parents and caregivers to nurture the growth and development of young children. Students study various theories and stages of early years child development to understand the importance of meeting the physical and emotional needs of children early in life. Students gain practical experience using infant simulators to apply their knowledge and caregiving skills.

Family Studies 30S (FS30S)

This course explores the relationship between children and adolescents within their families. Students examine various theories and stages of child and adolescent development to understand the importance of effective communication and its impact on developing positive interactions with others. Students gain knowledge and skills to help make informed decisions related to parenting, relationships, and families.





Family Studies 40S (FS40S)

This course emphasizes the transition from adolescence to adulthood. Students examine the importance of interpersonal skills in developing positive interactions with others. Students gain knowledge and skills to make informed and responsible life management choices in preparation for independent living.

Food and Nutrition 20S (FN20S)

This course focuses on exploring and expanding food choices, cooking basics, terminology and techniques. Students gain a strong understanding of nutrients, why our bodies need them, and what foods are consumed for health and well-being. Students consider marketing and media influences on food choices. Students develop food preparation skills in a practical setting.

Food and Nutrition 30S (FN30S)

This course focuses on the individual within their community. Students will analyze the nutritional composition of food and reflect on their own nutritional choices. Students will be exposed to food and production in Manitoba and examine food availability within Manitoba. Students will explore regional and cultural influences on our food choices across Canada. Students develop food preparation skills in a practical setting.

Food and Nutrition 40S (FN40S)

This course is a critical examination of the individual as a responsible citizen. This course will explore sustainability and ethical practices within food production and access. Students will examine food security and barriers that exist to achieve food security for all people. Students will investigate solutions to local and global food accessibility. This course will provide the opportunity for students to apply food preparation skills in a practical setting.

Textile Arts and Design 20S (TTAD20S)

This course examines the broader knowledge and skills required to design and create textile products. Students will examine the basics of creative costuming, cultural fashion design, and consumer practices that have an impact on individuals within their community. The impact of fashion on consumer choices and its influence on relationships are explored in more depth. The course will focus on student citizenship and product sustainability through knowledge, action, and projects. Students will be challenged to address issues within the textile industry and their impact on the environment, in addition to social justice and clothing security challenges. This course also provides a brief introduction to the study of environmental design.

Textile Arts and Design 30S (TTAD30S)

This course focuses on enhanced knowledge and skill development in textile design and construction. Students will examine the areas of creative costuming, cultural fashion design, and consumer practices that have an impact on individuals and communities. This course will follow the fashion industry through design and illustration, marketing, and merchandising while acknowledging the environmental and social justice influences on local communities.

Textile Arts and Design 40S (TTAD40S)

Grade 12 Textile Arts and Design focuses on advanced knowledge and skill development in textile design and construction. Students will examine in depth the areas of creative costuming, cultural fashion design, and consumer practices that have an impact on individuals and communities. This course will follow the fashion industry through design and illustration, marketing, and merchandising while acknowledging the environmental and social justice influences on global communities.



**STUDENT SUPPORT
SERVICES AND
ADDITIONAL CREDIT
OFFERINGS**

STUDENT SUPPORT SERVICES AND ADDITIONAL CREDIT OFFERINGS

Student Support Services

Every student at Shaftesbury is supported and guided by a student advisor through their high school experience. Student advisors provide resource and counselling supports that include the following:

- Support academic and career planning for all students from Grade 9 through to graduation
- Assist with support of students with diverse learning profiles within the school community
- Timetable planning/consultation
- Collaborate with teachers, parents/guardian, and administration around students
- Social-emotional support
- Assist with transition into and out of high school
- Assess learning needs to further develop learning profile for most appropriate programming
- Collaborate with teachers to program for students with additional needs
- Liaise and collaborate with the divisional support team, such as clinicians, student services consultants, program consultants, and senior administration
- Support for English as an Additional Language learning
- Collaborate with the Pembina Trails Career and Community Teacher to facilitate volunteer and work experience



ADDITIONAL CREDIT OFFERINGS

English as an Additional Language

Shaftesbury welcomes a diverse community of learners from all over the world. Our EAL learners attend regular classes with a focus on language development. Specialized language development courses are offered (EAL11G, EAL21G, EAL31G, and EAL41G) where attention is given to language skills (grammar, conversation, academic), vocabulary, inter-cultural understanding, and language learning strategies. Beginning language learners are encouraged to take this course. This is the same course that is listed in the Languages section of this handbook on page 15.

Continuing Education Program

This program is designed for students beginning in Grade 10 who would benefit from a smaller class with additional adult support, and extra time to complete course work. English and Math courses are offered in this program. Students work towards a regular credit. Selection for these courses occurs in collaboration with the student, their teachers, and student advisor.

Special Language Credits

Students who demonstrate proficiency in an additional language (other than English and French) can potentially write a Special Language Exam and receive up to four credits towards graduation. Students should consult with their student advisor for more information as there are only some languages exams offered.

Community Service Credit

The civic skills, knowledge, and attitudes obtained from participating in a community service activity can increase a student's self-esteem and maturity, and provide more awareness of the needs of others in the community. Students can earn one full credit towards graduation by volunteering for worthwhile causes or organizations. This full credit requires 110 hours of volunteer time. Students are responsible to organize their own experience which must be done outside of the school and the school day. More information is available from the student advisor.

Credit For Employment 0.5 or 1.0 credit

Prerequisite: Successful completion of any Life/Work course.

Credit for employment (CFE) offers students, who are a minimum of 16 years of age and/or in Grade 11 or Grade 12, the opportunity to earn credits towards graduation. The CFE allows students to implement career development principles, such as essential employability, skills into the authentic context of work. Through their own part-time employment, students will have an opportunity to apply and refine the knowledge and skills acquired in the Career Development Life/Work courses. Furthermore, the CFE will provide students with valuable workplace experience that will contribute to their career life planning. This course is completed independently from school programming. Students must complete the necessary paperwork with their student advisor.

High School Apprenticeship Program

With Grade 9 and 10 compulsory courses completed, Grade 11 and 12 students have an opportunity to begin an apprenticeship in a trade of their choice while working on completing their high school diploma requirements. Students must be a minimum of 16 years of age and working in a related field. The program still requires students to complete all compulsory courses at the Grade 11 and 12 levels. Students can gain practical, paid work experience and benefit from:

- Choice of an apprenticeship in one of 40 trades
- Hands-on learning
- Eight supplemental credits towards graduation based on 110 working hours per credit
- Wages greater than minimum wage
- On-the-job training hours that can be applied to full-time apprenticeship training after graduation
- Life-long skill and career development while still in high school

Students should speak with their student advisor for more information about this program.

InformNet

InformNet is an internet based, alternative instructional environment where students participate in online learning experiences to achieve credits in high school courses approved by Manitoba Education. Students enrolled in InformNet will be provided with daily instruction, assignments, and evaluation through regular e-mail and web-based interaction with their instructors. Applications are available from the school office.

Manitoba Institute of Trades and Technology

The Manitoba Institute of Trades and Technology offers the latest innovations in applied hands-on-learning with knowledgeable instruction in a modern well-equipped facility. Students in Pembina Trails are able to access this option beginning in Grade 11. They are able to learn and achieve high school credits in the following programs: Automotive Technology, Culinary Arts, Electrical Trades Technology, Hairstyling, and Welding Technology. Students earn high school credits and if desired, can then pursue further accreditation after graduation. Students should speak with their student advisor for more information about these programs.



ADVANCED PLACEMENT SCHOLASTIC PATHWAYS

Advanced Placement (AP) program offers students the opportunity to pursue university-level studies while still in high school. Students can earn credits for many universities and colleges in Canada and the USA. Shaftesbury offers a wide variety of excellent Advanced Placement (AP) courses and Shaftesbury students successfully earn a high number of AP credits annually. AP courses are intended for students who are notably passionate in those particular subject areas and seek further challenges beyond the traditional high school curriculum.

Advanced Placement programming at Shaftesbury follows an acceleration model. Students interested in taking AP courses in Grade 12 will complete regular high school programming by the end of Grade 11 in ELA and Math to prepare for success in Grade 12 Advanced Placement courses in Calculus and English Literature. Please consult the accompanying table for AP scholastic pathways for additional AP courses offered at Shaftesbury. Students considering these courses should demonstrate consistent academic strength in these subject areas, as the pace and depth of course work is intended to be demanding.

Notes:

- A mark of 85% or higher in the respective high school level course(s) is strongly recommended for enrollment in AP courses
- Due to the specificity of timetabling requirements for AP scholastic pathways, flexibility to select other option courses may be reduced as a result of enrollment in multiple AP courses.
- The College Board collects an **AP exam fee of \$150.00/AP exam**. This will be charged to students writing AP exams.

Program	Grade 11	Grade 12
English	Semester 1 ELALF30S	Semester 1 LIT32S
	Semester 2 ELALF40S	Semester 2 LIT42S
Math	Semester 1 MPC30S	Semester 1 CAL(AB)32S
	Semester 2 MPC40S	Semester 2 CAL(AB)42S
Science	Semester 1 or 2 BIO30S CHEM30S PHY30S	Semester 1 BIO32S CH32S PHY32S
		Semester 2 BIO42S CH42S PHY42S
Social Studies	Semester 2 PSY42S	Semester 2 PSY42S
Computer Science		Semester 2 CS42S
*students may choose to take PSY42S in their Grade 11 year if space is available. This may allow for more flexibility in their Grade 12 timetable.		

ADVANCED PLACEMENT

What is an Advanced Placement (AP) course?

- AP courses are challenging and exciting courses which, when successfully completed, may be recognized at the discretion of the post-secondary institute as first year university courses at colleges and universities worldwide.
- An AP final exam grade of 4 or 5 earns students a university level credit, plus financial awards at the University of Manitoba.
- AP courses at Shaftesbury include:

AP Biology	AP Computer Science	AP Physics
AP Calculus	AP English Literature	
AP Chemistry	AP Psychology	

What are some advantages of taking AP courses while in Grade 12?

- AP credits earned in high school may lower university tuition.
- Students taking five AP courses may qualify for the prestigious AP Scholar Awards.
- Shaftesbury graduates consistently indicate that their AP courses helped to better prepare them for university and that they made their university experience more successful.
- Many university first year courses can have extremely high class sizes in comparison to our AP class size. This allows for more attention and support for each student.
- AP Literature qualifies as a compulsory course for University 1. AP Psychology fulfills the requirement for introduction to Psychology required in many university faculties.

What is the process?

- Students should speak to the subject area teacher and their advisor at the end of their Grade 10 year about their desire to take their AP course. Students considering AP courses might wish to speak to their teachers in Grades 11 for appropriate programming advice.
- AP exams are written in May of each year with exam marks mailed to students in July.
- Shaftesbury AP courses have a final, school-based exam as well so that Shaftesbury students may receive a high school and a university credit for the same course.
- Depending on the mark earned on the AP exam, Shaftesbury graduates may be able to receive university standing once they have successfully completed their AP courses and exam.
- The U of M allows students to include their AP courses in the calculation of their university grade point average (GPA).



Shaftesbury High School is the host school for the Rink Hockey Academy student athletes.



RINK HOCKEY ACADEMY (RHA)

The RINK Hockey Academy (RHA) is an education-based program that runs for the entire school year and provides players an excellent choice for the future of their hockey development. Players who choose to attend the hockey academy do so knowing that they will receive the best on-ice, off-ice, and educational services for their growth as a player and person. Students enrolled with RHA will practice four to five times weekly depending on their game schedule with those games taking place on a weekend or showcase tournament format. RHA student athletes will be on the ice more and experience more skill development than any other players in Manitoba. The RINK Hockey Academy competes in the Canadian Sport School Hockey League (CSSHL), which is recognized as the nation's leader in education-based hockey. A typical school day for RHA student athletes will be modified to allow maximum time for academic and training needs. Teams will travel and compete mainly outside of the province at the highest level, both across western Canada and in the United States. All RHA student athletes at Shaftesbury High School are assigned to an academic advisor who supports students to meet high standards and achieve academic readiness for post-secondary applications and career choices. All RHA student athletes train and play at the state-of-the-art facility, RINK Training Centre.

WALL OF FAME - HONOURING OUR ALUMNI

At Shaftesbury, the excellence of alumni is recognized in the Arts, Business and Community, Sciences, and Sports. Inductees are honoured at convocation. Their names and successes are also permanently mounted on our Wall of Fame which is found in the front foyer of the school.

Since this practice began in 2001, inductees include:

THE ARTS

Dale Burshtein	Class of '83	(Inducted 2012)
Tracy Dahl	Class of '79	(Inducted 2001)
John Danakas	Class of '81	(Inducted 2004)
Adam Druxman	Class of '85	(Inducted 2005)
Mark Hand	Class of '74	(Inducted 2006)
Darryl Kinaschuk	Class of '96	(Inducted 2003)
Colleen Nelson	Class of '92	(Inducted 2014)
Makoto Ono	Class of '96	(Inducted 2007)
Margaret Shaw-MacKinnon	Class of '77	(Inducted 2008)
Nia Vardalos	Class of '80	(Inducted 2002)

BUSINESS AND COMMUNITY

Amit and Rajeev Bahl	Class of '84	(Inducted 2001)
Brian Bowman	Class of '89	(Inducted 2011)
David Christianson	Class of '74	(Inducted 2004)
Jordie Ethans	Class of '76	(Inducted 2001)
Tom Ethans	Class of '73	(Inducted 2007)
Steven Fletcher	Class of '90	(Inducted 2005)
Steve MacInnis	Class of '76	(Inducted 2003)
Jeff Rabb	Class of '75	(Inducted 2006)
Marshall Ring	Class of '91	(Inducted 2015)
Martin Weinberg	Class of '79	(Inducted 2002)

THE SCIENCES

Dr. Shantanu Banerji	Class of '95	(Inducted 2013)
Dr. Murray Enns	Class of '80	(Inducted 2002)
Dr. Joanne Homik	Class of '80	(Inducted 2004)
Dr. Prabhat Jha	Class of '82	(Inducted 2005)
Dr. Daniel Lindsay	Class of '73	(Inducted 2010)
Dr. Mara Ludwig	Class of '73	(Inducted 2006)
Dr. Phillip Ludwig	Class of '69	(Inducted 2008)
Dr. Bruce Maycher	Class of '74	(Inducted 2003)
Dr. John McFerran	Class of '70	(Inducted 2008)
Dr. Frank Plummer	Class of '70	(Inducted 2001)
Dr. Brock Wright	Class of '77	(Inducted 2001)

SPORTS

Theresa Brick	Class of '83	(Inducted 2004)
Lisa Fraser	Class of '82	(Inducted 2003)
Gail Graham	Class of '82	(Inducted 2002)
Andrea Grove-McDonough	Class of '91	(Inducted 2009)
Neil Grover	Class of '95	(Inducted 2006)
David Ingram	Class of '03	(Inducted 2005)
Kaitlyn Lawes	Class of '06	(Inducted 2008)
Todd MacCulloch	Class of '94	(Inducted 2001)
Sara Orlesky	Class of '98	(Inducted 2007)
Cathy Priestner	Class of '74	(Inducted 2001)



CAN'T
WAIT
TO...



...SEE
YOU
HERE!





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