



Robert Thirsk High School

Mission | Personalizing | Connecting | Thriving



Highlights

- Learning communities help you meet other students and connect with a teacher advocate.
- Flexible schedules include a range of academic and complementary courses based on your strengths, interests, career goals and post-secondary plans.
- Authentic learning opportunities allow you to build 21st-century competencies including problem-solving, critical thinking and collaboration.
- Our school opened in 2013 and shares a scenic location on Nose Hill Drive with a branch of the Calgary Public Library, as well as a YMCA recreation center.
- We offer partnerships with high schools in Finland and Denmark.



Specialized Programs

- Advanced Placement
- Career and Technology Studies
- Fine Arts
- Global Studies
- Dual Credit courses with the University of Calgary (Physics and Psychology)

Clubs/ Activities

- Science Olympics
- Robotics Club
- Math Club
- Drama Society
- Film Club
- Cooking Club
- Model United Nations
- International travel opportunities
- and more!



Sports

- Badminton
- Basketball
- Field Hockey
- Wrestling
- Swimming and Diving
- Soccer
- Volleyball
- Rugby
- Track and Field
- Football

ELL Support

Classes offered are based on the needs of the ELL student population.

International Student Support

Our School has an International Student Co-ordinator on staff who provides academic and personal support as needed. Other school staff such as guidance counsellors are also available to provide support.

Intake Dates

Students can enroll in September or January for a full year or a semester.



Robert Thirsk High School

2022-2023 Complementary Registration Guide

personalizing



connecting



thriving



learning | **as unique** | as every student

**Calgary Board
of Education**

Table of Contents

Complementary Courses	3
Creative Writing & Publishing	3
Journalism	3
Forensic Science	3
Psychology	3
Yoga	3
Global Studies	3-5
Aboriginal Studies.....	3
English Language Learning (ELL)	3
International Students.....	4
French as a Second Language	4
Spanish Language and Culture	4-5
Fine Arts Programs	5-7
Art	5
Dance	6
Music	6
Drama.....	7
Musical Theatre	7
Technical Theatre	8
Career & Technology Studies (CTS) Registration Guide	8-12
Business Administration, Finance and Information Technology (BIT)	8
Health, Recreation & Human Services (HRH).....	8
Media, Design & Communication Arts (MDC)	10
Natural Resources (NAT)	11
Trades, Manufacturing & Transportation (TMT)	11
Multidisciplinary (MD)	11
Work Experience, RAP and Green Certificate	12
Advanced Placement (AP), Dual-Credit, & Other Unique Courses	13-15
RTHS Course Listings	16



Complementary Courses

Note! All complementary courses at RTHS will be offered based on student interest, enrolment and school resources.

Creative Writing & Publishing 15/25/35

Students will create their own texts, and follow those texts through the editing, publishing and marketing processes. Students will also explore the processes and conventions of publishing and marketing creative writing. **Prerequisite:** Creative Writing 15 or 25

Journalism 15/25

The Journalism courses provide students with the opportunity to explore, create, and reflect through journalistic media. In this course students evaluate the impact, responsibility and ethics of media in society, develop skills in creating texts for diverse audiences, and collaborate to contribute and problem solve in the context of creating media texts, and learn by setting goals and reflecting throughout the production process. **Prerequisite:** Journalism 15 or 25

Forensic Science 25/35

Students will explore the use of basic forensic concepts and technologies to solve crimes. Concepts may include the collection and analysis of evidence from crime scenes and the principles of fingerprinting, breathalyzers, polygraphing, and DNA analysis. A major component of the course is the analysis of real crimes and crime scenes. **Prerequisite:** Science 10 or 14

Psychology 20/30

Students explore views on abnormal behavior, examine different mental health disorders, and learn about research methodology in psychology. Students will also examine the roles and responsibilities of government, as well as legal and ethical responsibilities in the field of Psychology. **Prerequisite:** None

Yoga 15/25/35

Students will progressively learn a variety of Asanas (postures), breathing techniques, and meditations. As students advance in the program, they will study alignment, anatomy and learn to build complimentary sequences. Students in all levels of yoga will relieve stress, and explore how balance and yoga contribute to their sense of wellbeing. **Prerequisite:** Yoga 15 or 25

Global Studies

Learn how to connect and lead in a global society through opportunities including: partnerships, exchange opportunities and 1 to 2 day intensive language learning events, participation in an international youth summit, international travel opportunities or completion of an international certificate (<https://sites.google.com/a/educbe.ca/global-learning/products-services>).

Aboriginal Studies 10/20/30

Students will build an understanding of diverse Aboriginal cultures within Alberta, Canada, and the world. As students' progress in their understanding, they will reflect on the connections and changes made to the aboriginal cultures by government policies, treaties, and the residential school systems. Students will explore what Reconciliation means in Canada today. **Prerequisite:** None



English Language Learning

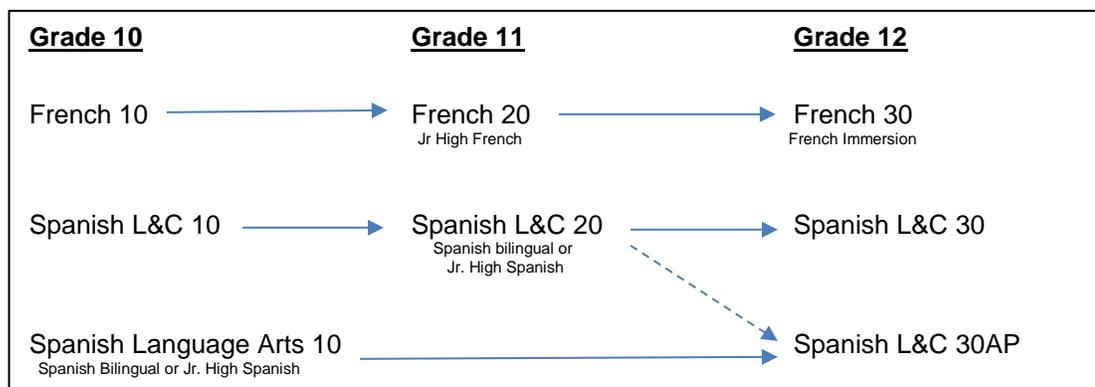
ELL students may be required to complete an English language assessment upon arrival in order to determine their language proficiency level and ELL class placement. The focus of all levels is to develop English communication skills including reading, writing, listening and speaking. Students also explore Canadian culture and academic. Advancing to the next level is dependent upon the student mastering the language requirements.

International Students

International students are welcomed to Robert Thirsk High School to pursue their high school academic requirements or to improve their English language proficiency. International students can expect high quality education with opportunities to participate in clubs and sports teams. Also, a variety of experiential trips to learn about the natural beauty and history of southern Alberta and the Rocky Mountains. For more information, please visit the following link: <http://cbeinternational.ca/>

Second Languages

Recommended Course Sequence in Languages



Note | Students with prior language experience will need to meet with the Language teacher to get a recommendation for placement.

French as a Second Language

French 10

An introductory course designed to provides a practical learning experience using a theme-based approach, no previous French required. **Prerequisite: None**

French 20

Students who have successfully completed **up to and including grade 9 French** are recommended for the French 20 Level. **Prerequisite: Grade 9 French or French 10**

French 30

Students who have successfully completed an immersion program should register for the French 30 Level, or discuss a Course Challenge with the teacher. **Prerequisite: French 20**

Spanish Language and Culture

Spanish 10

An introductory course designed to equip students with a practical knowledge of Spanish, no previous Spanish required. **Prerequisite: None**

Spanish Language Arts 10

Spanish Language Arts 10 at Thirsk will be introduced to reflect the breadth of the Spanish Language and Culture programming. It is intended for those who are native Spanish speakers, have studied Spanish Language Arts previously and/or wish to continue in the AP Spanish stream. The outcomes are geared to help students learn Spanish language skills and to continue to appreciate Spanish culture. The course strives to provide intensive language learning environments, with the potential for high academic achievement and enriched cultural experiences that maximize student opportunities for learning. **Prerequisite: Spanish language experience**

Spanish 20

Students must have Spanish 10 or an equivalent experience in the Spanish language as a prerequisite for Spanish 20. Please discuss placement with the Spanish teacher. **Prerequisite: Spanish 10 or Spanish language experience (level determined by teacher)**

Spanish 30

Students must have Spanish 20 or an equivalent experience in the Spanish language as a prerequisite for Spanish 30. Please discuss placement with the Spanish teacher. **Prerequisite: Spanish 20 or Spanish language experience (level determined by teacher)**

Spanish L&C 30AP

AP Spanish Language and Culture is equivalent to an intermediate level post-secondary course in Spanish. Students acquire understanding of the Spanish language through speaking, listening, writing and reading. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. Students will explore concepts such as family and community, personal and public identities, contemporary life and global challenges. This course is taught almost exclusively in Spanish. Students who wish to take this course must have completed and excelled at Spanish Language and Culture 20, or completed Spanish Language Arts 10. **Prerequisite: Spanish Language Arts 10 or Spanish 20 with teacher recommendation**

Fine Arts Programs

Enhance your experience in high school by adding Fine Arts courses and accessing our Fine Arts spaces. Committed students will have the opportunity to complete the CBE Fine and Performing Arts Certificate <https://cbe.ab.ca/programs/program-options/Documents/Fine-Performing-Arts-Certificate.pdf>

Art

Art 10

Students develop new skills and refine previously acquired skills through the exploration of various materials and techniques. Opportunities to creatively express yourself through various methods of painting, drawing, sculpting, etc will be provided. **Prerequisite: None**

Art 20

Students will develop, expand and refine their abilities in communicating visually. They will be encouraged to experiment with materials and techniques while selecting personal themes for **expression**. **Prerequisite: Art 10**



Art 30

Students will develop independent and stylistic characteristics common to practicing artists. Personal experiences will be drawn upon as a source of inspiration for artistic creations. Students will research selected artists and periods to broaden their understanding and appreciation of Fine Art. **Prerequisite: Art 20**

Art 35 AP

The AP Art and Design program consists of three AP courses: 2-D Art and Design, 3-D Art and Design, and Drawing. Students create a portfolio consisting of 10-15 highly developed works of art that demonstrate students' abilities and showcase the inquiry process through art and design. The courses encourage students to show the experimentation and growth required to create a substantial and cohesive inquiry portfolio. The Exam requires students to submit 15 images of their Sustained Investigation and mail 5 pieces of refined work to The College Board for review in May.

Dance

Dance 15

Students will be introduced to a variety of dance styles; including jazz, hip-hop, ballet, lyrical, creative, West African, funk, and modern dance. Technique, creativity, choreography, performance, safety, anatomy, and history and dance awareness are emphasized and assessed in this class. **Prerequisite: None**

Dance 25

Students will be challenged to build on their dance skills from Dance 15, and will develop leadership skills by collaborating and contributing to class warm ups and choreography. **Prerequisite: Dance 15**

Dance 35

Students will continue to build on the dance skills learned in Dance 25, with an emphasis on developing leadership skills and creating choreography.

Prerequisite: Dance 25.

*All dance classes have a performance element. Dances learned in class will be presented at school shows. Dancers will demonstrate all the elements of a rehearsed and polished performance.

Music

Instrumental Music 10/20/30

Students will have the opportunity to play a wind (brass or woodwind) or percussion instrument, and will develop tone, range and flexibility. Students will perform music from a variety of periods and styles, and explore the theoretical and historical concepts as they pertain to the music. All students are expected to be involved in the performance-based aspects of the course. **Prerequisite: Grade 9 Band or equivalent experience, Instrumental Music 10 or 20.**

*The following "performance-based" band courses meet outside of regular class time, and do not affect course choices within the regular timetable. The performing groups include concert band and jazz band.

***Concert Band 15/25/35**

Co-requisite: Instrumental Music 10, 20 or 30

***Instrumental Jazz 15/25/35**

Co-requisite: Instrumental Music 10, 20 or 30



General Music 10/20/30

Students will explore many aspects of the music business, while learning and writing songs, learning the basics of multi-track recording, and learning some basic music theory. General Music is for students interested in music recording, production and engineering or students who play an instrument (guitar, drums, bass, etc.). Please note, you do not need to know how to play an instrument to be in this course, you just need to have an appreciation for music. **Prerequisite: None**

Performing Arts

Drama

Drama 10

Students will work collaboratively and creatively with other students in a supportive and positive environment. The focus will be on Orientation, Mime, Movement, Improvisation, Readers Theatre, Theatre History, Story Telling, and Technical Theatre. Emphasis will be on participation, collaboration and the willingness to take risks. **Prerequisite: None**

Drama 20

Students will build upon the skills and experiences of Drama 10, while at the same time working through: orientation, collective creation, tech theatre/design, scripted mime, and acting to script, an introduction to playwriting, monologues and improvisation.

Prerequisite: Drama 10

Drama 30

Students will continue to work in different disciplines with a focus on orientation, collective creation, dramaturge, improvisation, playwriting, the one act form, tech theatre & design, directing, acting to scripts and monologues for audition. **Prerequisite: Drama 20**



Musical Theatre

Musical Theatre 15

Students will explore acting, movement, and vocal skills through participation in a cast production involving teamwork, commitment and collaboration. The class will explore character development, creativity, and performance. The culmination of the semester's work is the production of a full-scale musical. **Prerequisite: Drama 10**

Musical Theatre 25

Students will develop a deeper complexity and growth in character development, movement and vocal skills. Students will demonstrate leadership when rehearsing songs and scenes with other students, as well as taking responsibility in other artistic elements of the production. **Prerequisite: Musical Theatre 15**

Musical Theatre 35

Students will develop a higher level of complexity and growth in character development, movement and vocal skills. Students will take on strong leadership roles in the rehearsals and productions. Students will help conceptualize and realize artistic elements of the production. This course is required for most post- secondary Performance Programs. **Prerequisite: Musical Theatre 25**

Note| All levels of Musical Theatre will require performance participation; there will be after school rehearsals and mandatory evening commitments during show performance week.

Technical Theatre

Technical Theatre 15/25/35

Students will explore the non-acting components of theatre in a hands-on environment. Students will provide technical support for various events throughout the school year, such as the Remembrance Day Service, Dance Shows, Musical Theatre Shows, and Drama Productions. Required components of this course may occur outside of the timetable and in various areas of the school. **Prerequisite:** Technical Theatre 15 or 25.

Career & Technology Studies (CTS)

CTS Clusters	Business Administration, Finance & Information Technology	Health, Recreation & Human Services	Media, Design & Communication Arts	Natural Resources	Trades, Manufacturing & Transportation	Multidisciplinary
	BIT	HRH	MDC	NAT	TMT	MD
Occupational Areas	<ul style="list-style-type: none"> Business Studies 	<ul style="list-style-type: none"> Foods Culinary Arts Legal Studies Leadership Rec Leadership Sports Medicine Sports Performance 	<ul style="list-style-type: none"> Computing Science Graphic Design 	<ul style="list-style-type: none"> Natural Resources Outdoor Pursuits 	<ul style="list-style-type: none"> Construction 	<ul style="list-style-type: none"> Engineering Design

- **Did you know that you have access to courses outside of Robert Thirsk High School?**
- **Be a student of Robert Thirsk High School and also take a course at the CT Centre. Opportunities are waiting for you!** Career & Technology Centre: Students, you are invited to consider the unique hands-on opportunities available at the CT Centre. The CT Centre is located at the Lord Shaughnessy Campus, 2336 – 53 Avenue SW (403-777-7971).
- For additional opportunities to personalize your educational experience, please refer to the course offerings outlined in the Career & Technology Centre Course Guide at the CT Centre website: <http://www.ct-centre.ca/>.



Business Administration, Finance and Information Technology (BIT)

Business Studies 10/20/30

Students will explore market basics, customer service, advertising, retail management and entrepreneurial skills, as well as software commonly used in a business setting. Students will use the skills and theories they learn to manage operation of the school store. **Prerequisite:** None

Health, Recreation & Human Services (HRH)

Foods Culinary Arts

Foods Culinary Arts Intro

Students will learn food production, food preparation, and meal planning. They will explore nutrition, healthy food choices, food costs, and safe food handling techniques. Students in this class prepare food for the school cafeteria and catering. Each course contains theory, practical and assessment components. Students will complete a provincial food safety certification in this level that is required to proceed to the next level. **Prerequisite: None**

Foods Culinary Arts Inter/Adv

Students will continue to develop the skills needed to work in a commercial kitchen, while building their kitchen leadership skills. Safe and sanitary food handling practices based on industry standards will continue to be emphasized, and students will have an opportunity to complete courses necessary to challenge the first year Alberta Apprenticeship Cook Trade exam. Each course contains theory and practical assessment components. **Prerequisite: Foods Culinary Arts Intro or Inter**

Legal Studies

Legal Studies Intro/Inter/Adv

Students will explore public, private, relationship and employment law through debate, discussion, mock trials and other assignments. Students will analyze actual legal cases and examine the criminal justice system, including the criminal process and the roles and responsibilities of the participants. **Prerequisite: None**

Sports Medicine

Sports Medicine Intro

Students are introduced to anatomy (bones, muscles and joints) and their relation to athletic injuries. Students will become CPR & AED certified by the Canadian Red Cross. The practical component of the course will involve an introduction to athletic taping and wrapping. You will be required to complete 15 observational hours of athletics, outside of regular school hours. **Prerequisite: None**

Sports Medicine Inter

Students will further their study of human physiology, athlete health and performance, and introduction to injury rehabilitation. Recognition and treatment of injuries is the focus, by using student's background in anatomy, and teaching of more advanced taping and wrapping skills. You will be required to complete a minimum of 25 hours as trainers, and students must be prepared to dedicate a significant amount of time before and after school within the training environment. **Prerequisite: Sports Medicine Intro**

Sports Medicine Advanced

Students will advance their study of anatomy and physiology, and examine Kinesiology, Physio Therapy and other related medical fields. Students will explore a variety of post-secondary opportunities and advanced rehabilitative methods available within the city. Some students will have the opportunity to work with Robert Thirsk's ALP students in a fitness and rehabilitation setting. **Prerequisite: Sports Medicine Inter**

Sports Performance

Sports Performance Intro/Inter/Adv

Students will focus on the development of an individual's fitness as it relates to improving performance in sport. Topics of study include: aerobic training, strength training, flexibility training, agility training, power training, speed training, nutrition, hydration and goal setting. **Prerequisite: Sports Performance Intro or Inter**

NOTE | All levels of Sports Performance are extremely rigorous and physically demanding courses and should only be requested by students desiring high performance levels of physical fitness.



Leadership

Leadership Intro/Inter/Adv

Students will enhance their leadership skills and demonstrate the application of these skill sets through modeling and mentorship. Students will demonstrate commitment, responsibility, accountability and work ethic as they identify and implement projects that meet school and community needs. **Prerequisite:** Leadership Intro or Inter

Recreational Leadership 20/30

Students will enhance and build upon their leadership skills and demonstrate the application of these skills through modeling and mentorship. Students will take on roles as mentors and models for other students in the school community as well as develop an increased understanding of the role recreation; activity and participation play in a healthy whole school community. Advanced level students will have significant roles in planning and leading initiatives in the school such as pep rallies, intramurals, athletic tournaments, etc. This course provides an opportunity to receive 3 PE credits and 3 CTS credits **Prerequisite:** PE 10



Media, Design & Communication Arts (MDC)

Computing Science

Computing Science helps students develop strong foundational skills in computer coding. Computing Science 30 can be used for entrance into post-secondary institutions as a replacement for any of the three traditional science courses (Biology, Physics and/or Chemistry). Students must complete all three levels of computer science to use it for post-secondary entrance.

Computing Science 10

Students are introduced to a variety of computing topics, including the basics of how computers work, the relationship between hardware and software, the history of Computer Science, and how to build programs. Students will learn how to build their own website using JavaScript, HTML, and CSS. The majority of concepts will be introduced by having students create their own games. **Prerequisite:** None

Computing Science 20

Students develop skills gained in the 10-level course, and continue to look at how computers have influenced life and society. Students will be introduced to the Python language, while exploring more advanced topics of file access, working with graphics libraries, and a variety of data types. We will begin to study object-oriented programming. **Prerequisite:** Computing Science 10

Computing Science 30

Students build on their previous skill and knowledge by focusing on the object-oriented approach to programming. Students continue in the Python programming language to explore the object-oriented approach to programming. Other topics include dynamic data structures, recursion, and searching and sorting methods. Server-side scripting and databases may also be introduced. **Prerequisite:** Computing Science 20



Graphic Design

Graphic Design 10

Students will explore the tools and technology used for 2D graphic design applications, and develop skills in areas of photography, photo editing and vector graphic design. Students will be introduced to the basics of DSLR photography, as well as industry standard graphics programs like Adobe Illustrator, Photoshop, and InDesign.

Prerequisite: None

Graphic Design 20/30

Students continue to develop the knowledge and skills they need to work with real clients, create EPK's (electronic Press kits), promotional campaigns, posters, flyers, and web presence graphics. Students will develop more advance proficiency in programs such as Photoshop, Illustrator, Photography, and Camera literacy. **Prerequisite:** Graphic Design 10 or 20

Natural Resources (NAT)

Natural Resources Intro/Inter/Adv

Students will examine the management and conservation of the environment at the local, provincial and national level. Students will explore the principles of stewardship in relation to the sustainable development of our environments. Greenhouse management and plant growth and production will also be included. **Prerequisite:** None

Outdoor Pursuits Intro/Inter/Adv

Outdoor Pursuits is a 5 – 6 credit CTS course designed for students interested in exploring outdoor activities. Students will gain practical wilderness experience and environmental awareness along with an opportunity to participate in day and over-night excursions. Students will receive certification in Wilderness First Aid. **Prerequisite:** None



Trades, Manufacturing & Transportation (TMT) Construction Technology

Construction Intro

Students will develop processes and methods to complete practical hands-on projects. Students will learn to use a variety of hand and power tools with safety. **Prerequisite:** None

Construction Multi-level

Students will develop their practical skills by completing projects that are more complex, while emphasizing safety. Construction Technology 30 students will develop awareness and skills more appropriate to post-secondary technical. **Prerequisite:** Construction 10 or 20

Engineering Design

Engineering Design Intro/Inter/Adv

Students will explore design, innovation and invention. Students learn to design, engineer, and prototype innovative projects using a variety of programs, tools and technology. Students will explore 3D printing, laser cutting, electronic design, prototyping, Arduino microcontrollers and other emerging technologies. **Prerequisite:** DEI Intro or Inter

Work Experience, RAP and Green Certificate

Work Experience 15/25/35

Work experience allows students to gain practical knowledge, enhance their skills, and form attitudes that will assist them in their transitions from school to the world of work. Existing part-time jobs may be eligible as a work experience placement provided the student can demonstrate that new learning is occurring. **Prerequisite: HCS 3000**

Registered Apprenticeship Program (RAP)

RAP is an excellent opportunity for students 15 years of age or older who know they want to enter a trade. Successful students can earn up to 40 RAP credits toward their high school graduation, and the hours needed for a first year apprenticeship. **Prerequisite: HCS 3000**

Green Certificate Program

The green Certificate program is an apprenticeship-style training program serving the agricultural industry. There are multiple areas of specialization, please discuss with the Success Centre if you are interested. **Prerequisite: AGR 3000**

Note | Additional information is available from the Off Campus Education Coordinator. All of the above require special programming, planning and timetabling.

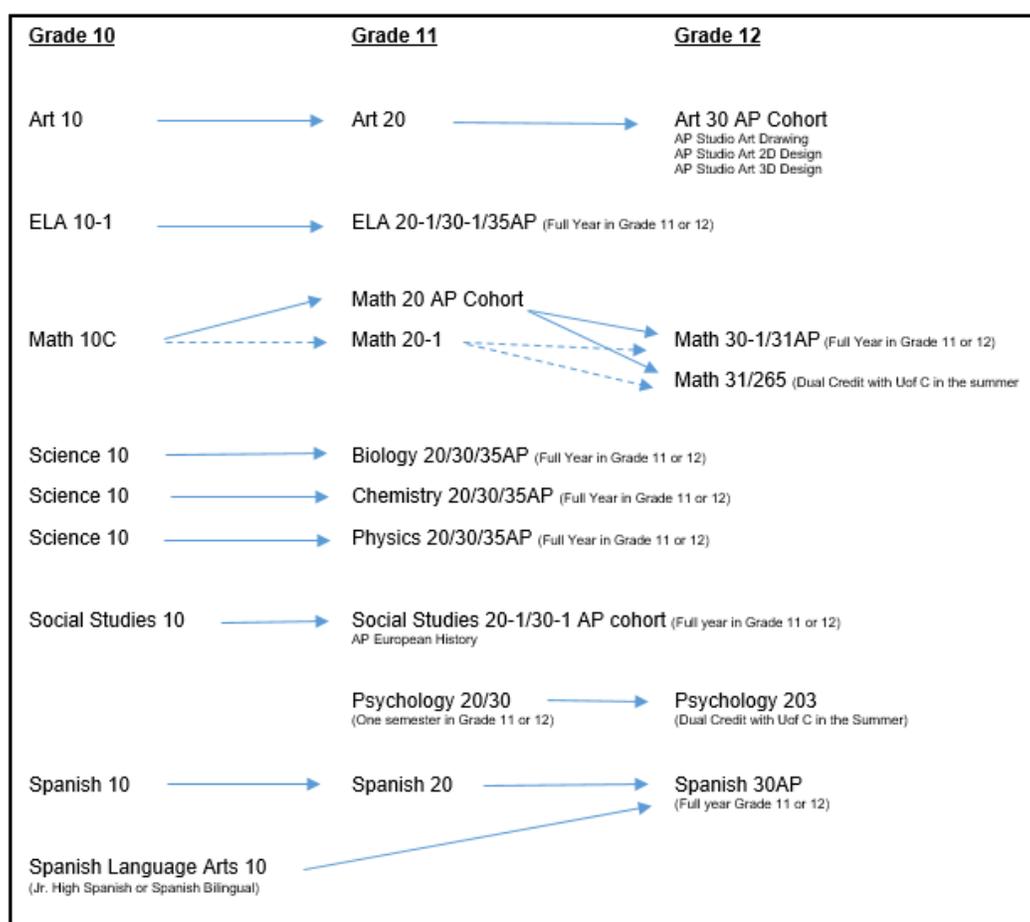


Advanced Placement (AP), Unique & Dual-Credit Courses

Advanced Placement (AP) is one high school route for university preparation, providing enriched and challenging academic courses that parallel and expand on the material covered in Alberta Education curricula. These courses are designed to help develop good academic habits, analytical reasoning skills and disciplined study. AP provides the flexibility to take one or more courses depending on your interests. Successful completion of AP examinations can lead to obtaining credit for some first year university courses. In addition to the AP exams, you are still required to write the Alberta Diploma Examinations in January or June. Students must purchase any required AP materials and pay a fee to write each AP exam in May. For more information on AP courses and university credits visit: <https://www.collegeboard.org/>

Recommended Sequence for AP/Dual-Credit Courses

Note | Students requesting to take AP courses offered in grade 11/12 are required to have a teacher recommendation in the pre-requisite course.



Art 30AP

This is a semester based course that is designed to enhance the Art 30 curriculum and allow students to investigate the materials, processes, ideas and skills that artists and designers utilize daily in their work. The AP Art and Design program includes three different courses and portfolio exams, students can choose to take one or more in discussion with their Art teacher. A portfolio of work will need to be curated and submitted to the AP board to produce an AP score for the program. **Prerequisite: Art 20 with teacher recommendation**

English 20/30/35AP

This enriched program covers the Alberta Program of Studies for English 20-1 and 30-1, as well as additional outcomes from the AP English Literature & Composition curriculum. Students will learn to understand and evaluate works of fiction, poetry and drama from various periods and cultures. There is both an essay/written component and comprehension component to the AP exam. **Prerequisite:** English Language Arts 10-1 with teacher recommendation.

Math 30-1/31 AP

This full-year course covers the Alberta Program of Studies for Mathematics 30-1, Mathematics 31 and the Calculus-AB AP curriculum. The Calculus-AB AP curriculum is designed to explore the concepts, methods and applications of differential and integral calculus. Students will work to understand the theoretical basis and solve problems by applying knowledge and skills. **Prerequisite:** Math 20-1 and teacher recommendation.

Math 31/265

Students wishing to explore a calculus based Mathematics course at the university level can apply to do so in June based on their successful completion of Mathematics 31. Math 265 is a program requirement at the U of C for many faculties; including Biological Sciences, Computer Science, Mathematics and Statistics, Physics, Neuroscience, Economics as well as many others. **Prerequisite:** Math 31 and teacher recommendation.

Biology 20/30/35AP

This full-year course covers the Alberta Program of Studies for Biology 20, Biology 30 and the content from the Biology AP curriculum. Specifically, the Biology AP curriculum encompasses four big ideas; Evolution, Energetics, Information Storage and Transmission, and Systems Interactions. There is a significant emphasis on lab skills, inquiry, and high learning in all content areas. **Prerequisite:** Science 10, Math 10C and teacher recommendation

Chemistry 20/30/35AP

This full-year course encompasses the Alberta Program of Studies for Chemistry 20, Chemistry 30 as well as the Chemistry AP curriculum. The Chemistry AP course framework includes two essential components; science practices and course content. The science practices describe what a student should be able to do while exploring course concepts. Specifically, the course content encompasses four big ideas; Scale, Proportion, and Quantity, Structure and Properties, Transformations, and Energy. **Prerequisite:** Science 10, Math 10C and teacher recommendation

Physics 20/30/35AP

This full-year course covers the Alberta Program of Studies for Physics 20, Physics 30 and the content from the Physics 1 AP curriculum. Specifically, students taking this course will cover topics in Mechanics, Electromagnetism, and Atomic & Nuclear Physics. **Prerequisite:** Science 10, Math 10C and teacher recommendation

Psychology 203

This course has a focus on issues that arise in everyday life and will demonstrate some of the ways in which Psychology can be of use to students in their personal and professional lives. Students wishing to explore this course can apply to do so in June based on their successful completion of Psychology 20/30. **Prerequisite:** Psychology 20/30 and teacher recommendation

Social Studies 20-1/30-1 AP

This enriched program covers the Alberta Program of Studies for Social Studies 20-1 and 30-1, as well as additional outcomes from the AP European History curriculum. Students will study the cultural, economic, political and social developments that have shaped Europe from 1450 to the present. Additionally, students will analyze texts, visual sources and other historical evidence, and write essays expressing historical arguments. **Prerequisite: Social Studies 10-1 with teacher recommendation.**

Spanish L&C 30AP

AP Spanish Language and Culture is equivalent to an intermediate level post-secondary course in Spanish. Students acquire understanding of the Spanish language through speaking, listening, writing and reading. The AP Spanish Language and Culture course strives not to overemphasize grammatical accuracy at the expense of communication. Students will explore concepts such as family and community, personal and public identities, contemporary life and global challenges. This course is taught almost exclusively in Spanish. Students who wish to take this course must have completed and excelled at the Spanish Language and Culture 20, or completed Spanish Language Arts 10 or 20. **Prerequisite: Spanish 20 or Spanish Language Arts 10 with teacher recommendation**



RTHS COURSE LISTINGS

Grade 10	Grade 11	Grade 12
English 10-1 (5) English 10-2 (5)	English 20 (5) English 20-1/30-1/35 Cohort AP (13) English 20-4 (5)	English 30-1 (5) English 30-2 (5) English 20-1/30-1/35 Cohort AP(13) English 30-4 (5)
Social Studies 10-1 (5) Social Studies 10-2 (5)	Social Studies 20 (5) Social Studies 20-4 (5) Social Studies 20-1/30-1/35 Cohort AP (13)	Social Studies 30-1 (5) Social Studies 30-2 (5) Social Studies 20-1/30-1 Cohort AP (13)
Mathematics 10C (5) Mathematics 10-3 (5)	Mathematics 20-1 (5) Mathematics 20-2 (5) Mathematics 20-3 (5) Mathematics 20-4 (5) Math 20-1 Cohort AP (5)	Mathematics 30-1 (5) Mathematics 30-2 (5) Mathematics 30-3 (5) Mathematics 30-1/31 Cohort AP (10) Mathematics 31 (5)
Science 10 (5) Science 14 (5)	Biology 20 (5) Biology 20/30/35 Cohort AP (13) Chemistry 20 (5) Chemistry 20/30/35 Cohort AP (13) Physics 20 (5) Physics 20/30/35 Cohort AP (13) Science 20 (5) Science 24 (5) Science 20-4 (5)	Biology 30 (5) Biology 20/30/35 Cohort AP (13) Chemistry 30 (5) Chemistry 20/30/35 Cohort AP (13) Physics 30 (5) Physics 20/30/35 Cohort AP (13) Science 30 (5)
*Number in brackets indicate credit number potential per course		
COMPLEMENTARY COURSES		
COMPLEMENTARY		
Creative Writing & Publishing (5) Journalism 15 (5) Physical Education 10 (5) Yoga 15 (5)	Creative Writing & Publishing 25 (5) Forensic Science 25/35 (5) Journalism 25 (5) Physical Education 20 (5) Physical Education 20 & Rec Lead (6) Psychology 20/30 (3-6) Yoga 25 (5)	Creative Writing & Publishing 35 (5) Forensic Science 25/35 (5) Physical Education 30 (5) Physical Education 30 & Rec Lead (6) Psychology 20/30 (3-6) Yoga 35 (5)
GLOBAL STUDIES		
Aboriginal Studies 10 (5) ELL Multi-level French 10-3Y (5) French 20-3Y (5) (Jr High French or Immersion) Spanish L&C 10-3Y (5) Spanish Language Arts 10 (5) (Jr. High Spanish or Bilingual)	Aboriginal Studies 20 (5) ELL Multi-level French 20-3Y (5) Spanish L &C 20-3Y (5) Spanish L&C 3 Cohort AP (5-10)	Aboriginal Studies 30 (5) ELL Multi-level French 30-3Y (5) Spanish L&C 30-3Y (5) Spanish L&C 30 Cohort AP (5-10)
FINE ARTS		
Art 10 (5) Dance 15 (5) Drama 10 (5) General Music 10 (5) Instrumental Music 10 (5) Musical Theatre Multi-level (5) Technical Theatre 15 (5) No request required: Band 15 – Corequisite of Inst. Music 10	Art 20 (5) Dance 25 (5) Drama 20 (5) General Music 20 (5) Instrumental Music 20 (5) Musical Theatre Multi-level (5) Technical Theatre 25 (5) No request required: Band 25 – Corequisite of Inst. Music 20	Art 30 (5) Art 30 Cohort AP (5-10) Dance 35 (5) Drama 30 (5) General Music 30 (5) Instrumental Music 30 (5) Musical Theatre Multi-level (5) Technical Theatre 35 (5) No request required: Band 35 – Corequisite of Inst. Music 30
CAREER & TECHNOLOGY STUDIES (CTS)		
Business Studies 10 Computing Science 10 Construction Intro Engineering Design Intro Foods Culinary Arts Intro Graphic Design Intro Leadership Intro Legal Studies Intro Natural Resources Intro Outdoor Pursuits Intro Sports Medicine Intro Sports Performance Intro	Business Studies 20 Computing Science 20 Construction Inter Engineering Design Inter Foods Culinary Arts Inter Graphic Design inter Leadership Inter Legal Studies Inter Natural Resources Inter Outdoor Pursuits multi-level Sports Medicine Inter Sports Performance Inter	Business Studies 30 Computing Science 30 Construction Adv Engineering Design Adv Foods Culinary Arts Adv Graphic Design Adv Leadership Adv Legal Studies Adv Natural Resources Adv Outdoor Pursuits multi-level Sports Medicine Adv Sports Performance Adv

