

Robert Thirsk High School Complementary Registration Guide



2016 – 2017 (January 2016 Edition)



**Calgary Board
of Education**

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Complementary Courses

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

Health and Wellness

Yoga 15 (1449)

Yoga 15 provides an introduction to the foundational postures (asanas), establishes breathing techniques and an preparatory meditation practice. It will also present students with the historical roots of yoga and give them an understanding of basic anatomy and physiology as it applies to the discipline. Students will develop an enhanced appreciation for, and acceptance of their body. The program is designed to allow students to experience the benefits of increased flexibility, strength, focus and concentration. Students will learn to be non-judgmental about their own and others' yoga practice. Through continued practice, students will relieve stress, learn relaxation techniques, and experience the health benefits of a yoga practice. **Prerequisite: None**

Yoga 25/35 (2449/3449) - 5 credits each

Both Yoga 25 and 35 offer students the opportunity to deepen their study of yoga and to continue to experience the benefits of a regular practice. More advanced postures (asanas) and breathing techniques (pranayama) will be introduced. Students will establish a consistent meditation practice in order to deepen their self-understanding and share this knowledge through leadership and collaboration. They will study alignment, anatomy, and physiology of the physical postures and learn to build complimentary sequences. The focus will be on self-knowledge and self-care with an emphasis on an awareness of balance in their personal environment, focusing on how yoga, school and life work as integral components that contribute to their sense of wellness. **Prerequisite for Yoga 25: Yoga 15. Prerequisite for Yoga 35: Yoga 25**

Global Studies

International studies will help you develop global citizenship in our ever-evolving world. 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>). Acquire second language skills to impact your intellectual potential, achievement in school, first language skills and citizenship. This program will be continually evolving.

English Language Learners (ELL)

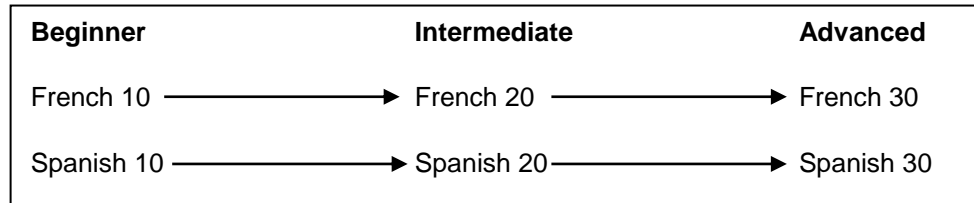
ELL students may be required to take an English Language Proficiency Test upon arrival to class in order to determine their language proficiency level. The focus of all levels is to develop English communication skills, both oral and written. Besides the English language component, Canadian Studies and Culture are also taught. Going to the next level is dependent upon the student's competency at mastering the language requirements for advancement. Other courses will be included in a student's timetable. However, we will try to tailor each timetable to reflect the individual student's situation.



International Students

Many international students are welcomed to Robert Thirsk High School to pursue credits in courses to continue their high school academic requirements or to improve their English language efficiency. For more information, please visit the following link: <https://sites.google.com/a/educbe.ca/global-learning/website-builder>

Recommended Course Sequence in Languages



Note | Any student 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 (1093) - 5 credits

This entry-level course provides a practical learning experience using a theme-based approach. Students do **not** need previous language experience.

French 20 (2093) - 5 credits

*Students who have successfully completed **up to grade 9 French** are recommended to register for the French 20 Level.*

French 30 (3093) - 5 credits

*Students who have successfully completed an immersion program are **recommended to register** for the French 30 Level or discuss a challenge with the teacher.*

Spanish Language and Culture

Note | Any student with prior Spanish language skill or courses will need to meet with the Spanish teacher to get a recommendation for placement.

Spanish 10 (1345) - 5 credits

Spanish 10 is a beginner's course designed to equip students with a practical knowledge of Spanish, no previous Spanish required.

Spanish 20 (2345) - 5 credits

Students must have Spanish 10 as a prerequisite for this course or have had equivalent experience in the Spanish language. Please discuss placement with the Spanish teacher.



Spanish 30 (3345) - 5 credits

Students must have Spanish 20 as a prerequisite for this course or have had equivalent experience in the Spanish language. Please discuss placement with the Spanish teacher.

Global Studies Courses

Intercultural Studies 35 (3 credit course)

Intercultural Studies 35 is designed to develop inter-cultural skills for students who intend to have an overseas experience. The course is designed to focus on culture and inter-cultural skills (such as adaptation, communication, practical skills, and relationship building). Students engaging in international excursions often receive credit in this course.

Fine Arts Programs

Studying Fine Arts helps develop the interests and talents that shape who we are as individuals. In addition, participation in the arts can develop employability skills such as improvisation, commitment, organization and problem solving. Enhance your experience in high school by adding some Fine Arts courses and accessing our beautiful new Fine Arts spaces. We envision that some of you will be able to highlight many of your talents by completing the CBE Fine and Performing Arts Certificate.

Acting for the Camera

Acting for the Camera 15/25/35 (0014) - 5 Credits

Acting for the Camera 15/25/35 is designed to develop an appreciation of acting as a distinct form of performance art, communication, and visual media that reflects diverse social, cultural and global perspectives. Students will develop an appreciation for the creative work of others while striving to understand and interpret the thoughts, ideas and emotions presented in acting performances. Through the exploration of published work, students will practice acting for camera skills. Students will also have the opportunity to use their own imagination to create original scripts, scenes and/or monologues to express themselves through acting for camera. In Acting for the Camera 15/25/35, students will need to communicate and collaborate with others by building positive relationships, sharing responsibility, and showing flexibility. Students will be required to access, understand and apply basic film technologies in an ethical and responsible manner.

Art (Visual)

Art 10 (1400) - 5 credits

This course provides an introduction to the visual arts at the high school level. No previous art courses are required for you to experience success. Taking this course will help you 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 (2400) - 5 credits

Art 20 is designed to develop, expand and refine your confidence and abilities when communicating visually. You will be encouraged to experiment with a variety of materials and techniques in both two and three dimensional work. Increasingly you will select

personal themes for expression, allowing you to assess your interest and potential through the visual arts. **Prerequisite: Successful completion of Art 10.**

Art 30 (3400) - 5 credits

The emphasis of Art 30 is to foster within you, an independent and stylistic characteristic common to practicing artists. You are expected to achieve and exhibit a personal style through in-depth study. Personal experiences will be used as a source of images.

Research of selected artists and periods will be incorporated into the course.

Prerequisite: Successful completion of Art 20.

Creative Writing and Publishing

Creative Writing and publishing 15/25/35 (1269) – 5 Credits

Through participating in the actual publication process, students will use relevant technologies to create their own texts and follow those texts through the editing, publishing and marketing processes.

In liaising with professional writing organizations, submitting to established publications and creating their own publication, students comprehend and manage the processes and conventions of publishing and marketing creative writing. Because the general outcomes of the course span grades ten through twelve, Creative Writing and Publishing can be offered as a blended course when enrolment is insufficient to offer separate classes at each grade level. Within the specific outcomes, there is an increasing sophistication in the understanding of concepts and application of strategies and skills. **Prerequisites: none**

Dance



Dance 15 (1404) - 5 credits*

Senior high dance seeks to develop personal and social growth through dance experiences, and an understanding of dance as an art and means of self-expression. You will be provided with the opportunity to explore a variety of dance styles that may include a combination of up to 4 styles: jazz, hip hop, ballet, lyrical, creative, West African, funk and modern dance. Dance technique, creativity, choreography, performance, safety, anatomy, history and dance awareness are integral components of the program. In addition, positive interaction skills such as cooperation, consideration for others, and self-discipline will be stressed. You will be evaluated based on your competencies, choreography memorization, personal growth, in-class and stage performances. **Prerequisite: None**

Dance 25/35 (2404/3404) - 5 credits each*

Dance 25 challenges students to improve the dance skills that were developed in Dance 15. As you grow as a dancer, you will also have opportunity to develop leadership skills by creating dance warm-ups, and exercises. Collaboration and contribution to class choreography will also be explored. **Prerequisite: Successful completion of Dance 15 or teacher recommendation.**

Dance 35 sequentially develops dance technique and skills learned in Dance 25. Emphasis is placed on developing leadership skills and creating choreography. You will also have the opportunity to teach and perform that choreography with other students. **Prerequisite: Successful completion of Dance 25 or teacher recommendation.**



*All dance classes have a performance element. Dances learned in class will be presented at school shows, where dancers have the opportunity to learn and demonstrate all the elements of a rehearsed and polished performance.

Film Studies

Film Studies 15/25/35 (1408/2408/3408) - 5 credits each.

In Film Studies you will view and respond to a variety of films with the aim to increase your knowledge and awareness of film, with a focus on film history, genre, and social implication. You will explore film from an artistic, as well as a technological perspective. This course is designed to provide you with the ability to appreciate film at an advanced level and to foster critical understanding. The course will provide you with information on the variety of post-secondary and career opportunities in film, and will serve as an excellent basis for those interested in pursuing the study and vocation of film beyond high school. Depending on student interest and numbers, this may be incorporated with Technical Theater or Drama areas.

Music

Instrumental Music 10 (Band - 1425) / Physical Education 10 (combination) 5 credits each (10 credit combination)

If you are interested in pursuing studies in instrumental music this is a course you should consider. The course will include all aspects of playing a wind or percussion instrument, including development of tone, range and flexibility. Music performed will be selected from a variety of periods and styles. The course will also include theoretical and historical concepts as they pertain to the music. If you do not have the prerequisite, you may be considered if you possess equivalent experience. If you are enrolled in the music program you are expected to be involved in the performance-based course which occurs outside of the regular timetable. This combination course is scheduled for the full year, devoting equal amounts of time to instruction in instrumental music and physical education. The physical education course combined with Band is restricted to Band students. **Prerequisite: Grade 9 Band or Music teacher's recommendation.**

Instrumental Music 20 (Band - 2425) - 5 credits

Prerequisite: Successful completion of Instrumental Music 10 or Music teacher's recommendation.

Instrumental Music 30 (Band - 3425) - 5 credits

Prerequisite: Successful completion of Instrumental Music 20 or Music teacher's recommendation.

*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, jazz band and possibly small ensembles. This course is offered for either 3 or 5 credits and is graded separately from the Instrumental Music course in which students are registered.

Note | Please do not request these courses on your Course Selection form as enrolment in these courses is managed by the teacher in September.

***Concert Band 15/25/35 – 5 credits each**

Students enrolled in Instrumental Music 10/20/30 **will be enrolled** in Concert Band and/or permission of the teachers.

***Instrumental Jazz 15/25/35 35 - 3 or 5 credits each**

Enrolled in Instrumental Music 10/20/30 and/or permission of the teachers.

Choir 15 (1423) - 5 credits

Note | Choir occurs outside the timetable and will count as extra credits.

This course offers the opportunity to study choral music in a variety of styles and develop ensemble skills as members of a large vocal ensemble. You will work on developing introductory music theory, vocal technique and skills. The focus of choir is process driven, with rehearsal and public performance based outcomes. **Prerequisites: none**

Choir 25 (2423) - 5 credits

This course offers continued development of tone and vocal production. You will continue to develop many styles and expand your music theory. **Prerequisite: Choir 15 and/ or teacher approval.**

Choir 35 (3423) - 5 credits

This course offers continued development of tone and vocal production. You will continue to develop many styles and expand your music theory. **Prerequisite: Choir 25 and/ or teacher approval.**

Technical Theatre / Performing Arts

Technical Theatre occurs in a hands-on learning environment that deals with all of the non-acting components of theatre. Do you have a genuine interest in lighting, sound, costumes, make-up, management, props, set design and construction? Students will provide technical support for Remembrance Day Services, Dance Shows, Musical Theatre and Drama Main Stage Productions, as well as through other opportunities as they present themselves. Students who take this course need to be able to work with their hands and have a real desire to learn on the job. This course may be offered outside of the timetable and you will facilitate the running of various shows in and around the school.

Technical Theatre 15 (1406) - 5 credits

Co-requisite: Recommend Drama 10

Technical Theatre 25/35 (2406/3406) - 5 credits

Prerequisite: Successful completion of Technical Theatre 15/25

Drama 10 (1410) - 5 credits

Drama 10 has been designed to give you a chance to collaborate creatively with other students and to take artistic risks in a supportive and positive environment. The goal is to ensure success for each and every person in the drama room. Drama is based on participation, collaboration and a genuine willingness to take risks that will improve the quality of both personal and collaborative work. The curriculum focuses on Orientation, Mime, Movement, Improvisation, Readers Theatre, Theatre History, Story Telling and Technical Theatre. **Prerequisite: None**

Drama 20 (2410) - 5 credits

Drama 20 has been designed to give you a chance to continue to grow and develop through positive artistic experiences. Drama 20 builds upon the skills and experiences of Drama 10 while at the same time working through: orientation, collective creation, tech theatre/design, scripted mime, acting to script, an introduction to playwriting, monologues and improvisation. **Prerequisite: Successful completion of Drama 10 with a teacher recommendation.**

Drama 30 (3410) - 5 credits

Drama 30 is an opportunity for self-discovery and independence. In this course, you will utilize all of the skills that have been developed to create group projects. You will continue your work in the different disciplines. The planned program of studies includes: orientation, collective creation, dramaturge, improvisation, playwriting, the one act form, tech theatre & design, directing, acting to scripts and monologues for audition.

Prerequisite: Successful completion of Drama 20 with a teacher recommendation.

Musical Theatre

Musical Theatre 15 (1979) - 5 credits*

This course provides you with the opportunity to explore and develop acting, movement, and vocal skills. You will experience what it is like to be a part of a cast production through teamwork, commitment and collaboration. Classwork will explore character development, creativity, and performance. The culmination of the semester's work is the production of a full scale musical. **Prerequisite: None, but an audition is required. Grade 9's please contact the school for information.**

Musical Theatre 25 (2979) - 5 credits*

This course further explores the elements learned in Musical Theatre 15. Deeper complexity and growth in character development, movement and vocal skills will be achieved. You are expected to have leadership roles as a peer coach when rehearsing songs and scenes with other students, as well as taking responsibility in helping fulfill artistic elements of the production, such as dance choreography. **Prerequisite: Successful completion of Musical Theatre 15 with a teacher recommendation and audition.**

Musical Theatre 35 (3979) - 5 credits*

Success in this course is required for most post- secondary Performance Programs.

This course further explores the elements learned in Musical Theatre 25. Deeper complexity and growth in character development, movement and vocal skills will be achieved. You are expected to take a strong leadership role in the rehearsal and production of the musical, including coaching peers and directing scenes. You will have various responsibilities in helping conceptualize and realize artistic elements of the production. **Prerequisite: Successful completion of Musical Theatre 25 with a teacher recommendation and audition.**

*All levels of Musical Theatre will require performance participation; there will be after school rehearsals and mandatory evening commitments during show performance week. This will provide actors with the opportunity to learn and understand all the elements of a rehearsed and polished performance including costume, technical components and a live audience.

Note | For Advanced Acting Do not select these course as an audition is required.

Advanced Acting 15/25/35 - 5 credits each

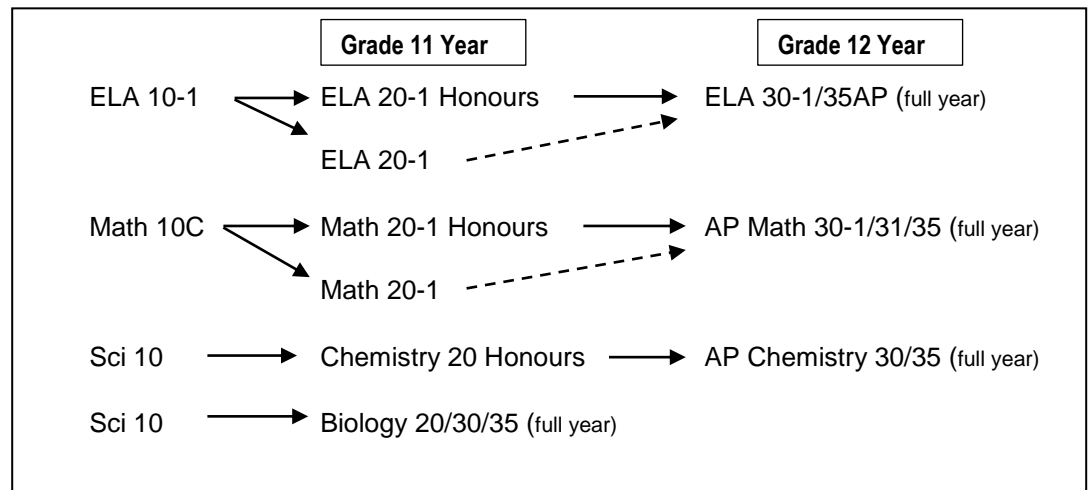
This course provides you with the opportunity to be part of the production of a play beginning from rehearsal process and ending in a professional theatre performance. You will learn to develop acting, vocal and characterization skills. Being a part of a production involves commitment, teamwork, collaboration and self-leadership. **Prerequisite: successful audition for the roles available in the play being produced. Grade 9's please listen for audition announcements and/or contact the school for more information.**

Advanced Placement (AP) 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 you 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:

http://www.collegeboard.com/student/testing/ap/intad/intad_canada.html

Recommended Sequence for AP Courses



Note | You will need to request to take AP courses offered in grade 11/12 and have a recommendation from your teacher.

English 20 Honours (2106) - 5 credits Semester II grade 11

This challenging course covers the English 20-1 Program of Studies, but in more depth and breadth. English 20 AP is designed to provide a stimulating challenge for academically oriented students who are passionate about the English Language Arts.

Students in this course will experience advanced level text selection, assignments, and expectations. **Prerequisite: English 10-1 and teacher recommendation.**

AP English 30/35 (3106) - 8 credits Full year grade 12

This challenging course covers the same Program of Studies as English 30-1, but does so in more depth and breadth. This is a course designed to provide challenges for academically oriented students who have a real passion about the English Language Arts. Students in this course expect and experience advanced level text selection, assignments, and expectations. **Prerequisite: English 20 Pre-AP or with a teacher recommendation in English 20-1.**

Math 20-1 Honours (2790) - 5 credits Semester II grade 11

This course is designed for Math 10C students continuing in the Advanced Placement program and challenges strong Math 10C students. All students require recommendations from their Math 10 teacher. Students will cover the content of Math 20-1 at a more rigorous and theoretical level, as well as enriched topics. Students must demonstrate a strong mastery of math skills and a high level of motivation and responsibility. **Prerequisite: Math 10C and teacher recommendation.**

AP Math 30-1/31/35 (3790) - 10 credits Full year grade 12

This course is designed for Math 20-1 Pre AP students continuing into the AP program. All students require a recommendation from their Math 20-1 teacher. Students will cover the content of Math 30-1 at a more rigorous and theoretical level, as well as enriched topics. Students must demonstrate a strong mastery of math skills and a high level of motivation and responsibility. **Prerequisite: Math 20 Pre-AP or Math 20-1 with a teacher recommendation.**

Advanced Placement Calculus develops the student's understanding of the concepts of calculus and provides experience with its methods and applications. This course is designed to cover all the outcomes needed to complete the Alberta curriculum requirements of Math 31 and the Advance Placement requirements to challenge the Calculus AB final exam. The course emphasizes a multi-representational approach to calculus, with concepts, results and problems being expressed graphically, numerically, analytically, and verbally. The connections among these representations are also important. The course is intended to be challenging and demanding. Themes include derivatives, integrals, limits, approximation, and application and modeling. Students take this course once they have completed Math 30-1 AP.

AP Biology 20/30/35 (2232) - 13 credits – offered in the 2015-16 school year

This course is designed so that the student completes Biology 20 Honours and the 30/35 AP courses in one full year. Upon successful completion of the program, students will be granted credit in Biology 20, Biology 30 and Biology 35 AP. The aim of the Biology AP program is to offer more depth in the core units of study and includes expanded electives. The program covers the following topics: molecules and cells, heredity and evolution, and organisms and populations. Students are required to do lab work that supports the theoretical side of this course. **Prerequisite: Science 10 and Math 10C and teacher recommendation.**

Chemistry 20 Honours (2798) 5 credits – offered Sept 2015-16

Chemistry 20 Honours is an enriched program that covers the regular Chemistry 20 curriculum and selected outcomes from the AP curriculum. There is an emphasis on lab

skills, inquiry, and higher learning. This course lays the foundation for further study in Chem 30/35 AP. **Prerequisite: Science 10 and Math 10C and teacher recommendation.**

AP Chemistry 30/35 (2798) 8 credits – offered Sept 2016-17 (Full year course)

This full year course includes the regular Chemistry 30 curriculum as well as the content from the AP curriculum. The topics are at an advanced level and there is a significant lab component. Students write an AP exam in May and the diploma exam in June. Upon successful completion of the program, students will be granted credit in Chemistry 30 and Chemistry 35 AP. **Prerequisite: Chemistry 20 Honours or Exemplary in Chemistry 20 and teacher recommendation.**

Career & Technology Studies (CTS) Registration Guide

CTS Clusters	Business Administration, Finance & Information	Health, Recreation & Human Services	Media, Design & Communication Arts	Natural Resources	Trades, Manufacturing & Transportation
	BIT	HRH	MDC	NAT	TMT
Occupational Areas	<ul style="list-style-type: none"> Business Opportunities 	<ul style="list-style-type: none"> Cook Trade & Foods Legal Studies Leadership Rec Leadership Sport Medicine Sport Performance 	<ul style="list-style-type: none"> Computer Science Design Studies Multimedia 	<ul style="list-style-type: none"> Natural Sciences Outdoor Pursuits 	<ul style="list-style-type: none"> Construction Tech Electro-Technologies

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/>.

Work Experience, RAP and Green Certificate

Work Experience 15/25/35 (up to 30 credits)

Work experience allows students to gain practical knowledge, enhance their skills, confirm career decisions, and form attitudes that will assist them in their transitions from school to the world of work. Students in grade 10, 11 and 12 can enroll. The prerequisite

course HCS 3000 (Workplace Safety Systems) must be completed before any off-campus education credits will be awarded. Existing part-time jobs may be eligible as a work experience placement provided the student can demonstrate new learning is occurring. **Prerequisite: HCS 3000**

Registered Apprenticeship Program (RAP) (up to 40 credits)

Prerequisite: HCS 3000

The Registered Apprenticeship Program is an excellent opportunity for students who know they want to enter a trade to “earn while you learn.” This program usually begins during the summer after the grade 10 school year. The student selects a trade and is placed into a 125 hour work experience (5 credits) which serves as a probationary period. Successful students are then indentured and can earn up to 40 Registered Apprentice credits toward graduation. The student’s timetable is adjusted to accommodate the RAP program. By graduation the student can have completed the hours needed for the first year of an apprenticeship and be ready to apply for the training weeks at a post-secondary institution. **Prerequisite: HCS 3000**

Green Certificate Program (16 possible credits)

The green Certificate program is a apprenticeship-style training program serving the agricultural industry. There are four areas of specialization:

1. Cow-calf, Feedlot, Sheep, Swine, Dairy
2. Field Crop, Irrigated Crops
3. Beekeeping
4. Equine

Prerequisite: AGR 3000

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

Note | in all CTS courses you will have the *potential* to earn up to 3 credits per term or 6 credits per semester.

Note | Students will need Prerequisite CTS credits before moving to a higher levels.

Business Administration, Finance and Information Technology (BIT)

Business Opportunities 10 (1413)

This will be an introduction into the world of business. You will investigate market research basics, customer service, advertising and retail management. You will explore some of the software commonly used in a business setting. You will then apply your knowledge and skill in a variety of ways and learn the many aspects of operating a business.



Business Opportunities 20/30 (2413/3413)

You will develop entrepreneurial skills needed to create and operate your own business. You will continue to develop your proficiency levels in the use and application of business software. You also will look at real-world businesses; study the theories behind business innovation, planning, financing, and marketing, eventually implementing your own business ideas. Business 30 students will continue to develop and deepen the entrepreneurial skills necessary to create and operate your own business. You must have a solid foundation in business theory and the use of different business software programs. You will need to be an independent and self-motivated student.

Health, Recreation & Human Services (HRH)

Cook Trade Apprenticeship

Cook Trade Apprenticeship/Foods 10 (1420)

Welcome to the world of Foods! In this class you will have the opportunity to start your first year of Apprenticeship in Cooking. This class prepares food for the school cafeteria and catering. Whether your emphasis is to acquire valuable life skills or to pursue a career in the food service industry, the foods courses should interest and inspire you. Emphasis is placed on safety, basic measurement, practical application, technique development and employability skills. A key element of the course will be the preparation of recipes focusing on safe and sanitary food handling practices based on industry standards. Each course contains theory, practical and assessment components. A provincial food safety certification is required for this level and to be able to proceed to the next level. There is an additional cost for this certification.

Topics covered may include: Students will rotate every 2 weeks through 3 groups including Hot Foods, Bakery and Cold Foods.

Cook Trade Apprenticeship 20/30 (2420/3420)

In Cook Trade Apprenticeship 20, students will continue to develop the skills needed to work in a commercial kitchen. Kitchen leadership skills will be encouraged to develop. Safe and sanitary food handling practices based on industry standards will continue to be emphasized. Each course contains theory and practical assessment components. Cook Trade Apprenticeship 30 students will have a chance to focus on their own interests and complete courses necessary to challenge the first year Alberta Apprenticeship Cook Trade exam. **Topics covered may include:** Students will rotate every 2 weeks through 3 groups including Hot Foods, Bakery and Cold Foods.

Legal Studies

Legal Studies 10 (1415)

This program provides an introduction to public, private, and relationship law and employment law. This course will include debate, discussions and mock trials. This course is intended to be fun, informative and inspiring.

Legal Studies 20/30 (2415/3415)

This course is recommended for students who want to further their understanding of law and current affairs. Through analysis of actual cases, we will examine the criminal justice



system, including the criminal process, and the roles and responsibilities of the participants. We will also explore legal issues and procedures with which both citizens and employees must deal and students will be able to further investigate a topic of choice.

Sports Medicine

Sports Medicine 10 (1450)

This CTS course of study includes a detailed introduction to anatomy (bones, muscles and joints) and their relation to sport. Modules to be covered and available to you may include *Musculo-Skeletal System #1, Injury Management #1, Health and Wellness Fundamentals, and an Athletic Taping and Strapping*. Also, students will become CPR & AED certified by the Canadian Red Cross. The practical part of the course will involve extensive athletic taping/wrapping. You will be required to complete a minimum of 15 observational hours.

Sports Medicine 20 (2450)

This CTS course concentrates on the study of human physiology and systems and their application to athlete health and performance. Recognition and treatment of injuries is the focus using a student's background in anatomy to complement their understanding of physiology. Modules available to you may include: *Nutrition For Recreation Activity & Sport, Injury Management #2, Pain and Pain and Management, First Aid and CPR with AED Certification, and up to 2 CTR Projects - B and C*. The opportunity to train a Thirsk team becomes available to those registered in Sports Med 20. A significant amount of time is spent out of the classroom and on volunteerism within a training environment. You will be required to complete a minimum of 25 hours of volunteer service within the training hour component of this course as trainers for Thirsk's athletic teams.

Sports Medicine 30 (3550)

This is a CTS course designed for anyone with an interest in advanced anatomy, physiology, kinesiology and athletic therapy and other related medical fields. Modules include in Human Movement, Caring for People with Disabilities, Injury Management 3, Health Care Provider & CPR Recertification, and HCS Project D (Head Training Hours). In Sports Medicine 30 you are required to work as senior trainers for Thirsk's athletic teams, and have an opportunity to work with Robert Thirsk's ALP students in a fitness and rehabilitation setting.

Sports Performance

Sports Performance 10/20/30

With the increasing demands on sports today, this course 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.

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.



Sports Performance 10 (1460)

Prerequisite: Grade 10 students with teacher recommendation from their Junior High Physical Education staff.

Sports Performance Girls Only 20/30 (2460/3460)

Prerequisite: Successful completion of Sports Performance 10 and Teacher recommendation required.

Sports Performance 20 (2460)

Prerequisite: Successful completion of Sports Performance 10 and Teacher recommendation required.

Sports Performance 30 (3460)

Prerequisite: Successful completion of Sports Performance 20 and Teacher recommendation required.

Leadership

The Leadership program encourages key elements of servant leadership through peer and mentorship learning opportunities. Students will be given opportunities and encouragement to develop their own leadership skills, take risks, and grow in positive/productive ways. Leadership 10, 20, and 30 are courses that will be of great interest for students who are passionate about making a difference within their leadership class, school and greater community. Note | Leadership T-shirt required.

Leadership 10 (1414)

In Leadership 10, students will have the opportunity to develop a significant level of mastery over character and servant leadership skills, interpersonal abilities and group dynamics. Students will also be given an opportunity to identify and implement projects that meet school and community needs.

Leadership 20/30 (2414/3414)

In Leadership 20/30 students will be given opportunities to enhance their leadership skills previously acquired and expected to demonstrate the application of these skill sets through modeling and mentorship. Personal growth and development will be demonstrated through involvement as a mentor and model for other students in the school community. Advanced level students will be expected to demonstrate commitment, responsibility, accountability and work ethic fostering the development of significant leadership projects in the school and greater community.

PE/Recreational Leadership 20/30 (2466/3466)

In Rec Leadership 20/30, students will be given opportunities to enhance and build upon their leadership skills previously acquired and expected to demonstrate the application of these skill sets through modeling and mentorship. Students will take on elevated levels of responsibility throughout the course. Personal growth and development will be demonstrated through involvement as a mentor and model for other students in the school community as well as increased understanding of the role recreation; activity and participation play in a healthy whole school community. Advanced level students will be expected to demonstrate commitment, responsibility, accountability and work ethic fostering the development of significant initiatives in the school such as pep rallies, intramurals, athletic tournaments, etc.



Media, Design & Communication Arts (MDC)

Computer Science



Computer Science 10 (1412)

In this course, 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 your own program. Students will learn how to build their own website using JavaScript, HTML, and CSS. We will also look at object-oriented programming through the design and coding of student developed games.

Computer Science 20/30 (2412/3412)

In this course, students further develop their skills gained in the 10-level course. We continue to look at how computers have impacted 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 continue our study and use of object-oriented programming.

Design Studies

Design Studies 10 (1416)

The Design Studies program is an exciting and engaging computer studio based program where you will explore three different design fields: graphic design, architectural design and industrial design (i.e. 3D printing). You will be introduced to a variety of programs like: Photoshop, Illustrator, Autodesk Inventor, SketchUp and others. You will learn to employ fundamental elements and principles of design into a variety of projects and fields.

Design Studies 20/30 (2416/3416)

This class builds on the foundational skills developed at the introductory level. You will continue to explore and develop skills in graphic design, architectural design and Industrial (3-D Printing) design. You will have the option of working in each area or picking a more specific pathway and putting more time and effort into one of the three design areas. In Design Studies 30 the level of technical skill requirements continues to increase. Much of Design Studies 30 will be self-paced and self-directed project work. Strong foundational skills and an independent work ethic are important prerequisite skills.

Multimedia

Multimedia 10 (1417)

Multimedia offers students a diverse experience in areas like: photography, animation, all aspects of video production (preproduction, filming, editing, green screen techniques, post production and special affects) and web design. You will use a variety of software programs in the production of your multimedia projects. The introductory level will help students develop foundational knowledge and skills in many areas.



Multimedia 20/30 (2417/3417)

This continues on from the introductory level multimedia course. You will continue to develop knowledge and skills in many areas in the multimedia umbrella, deepening your understanding and skill in photography, animation, video production and web-design. In Multi Media 30 you will be responsible for creating fully finished productions complete with needed print media, video, and web pages. Examples could include: TV programs, news and sportscasts, documentaries and short films.

Natural Resources (NAT)

Natural Sciences



Natural Sciences 10 (1411)

This introductory program will examine the management and conservation of the environment at the local, provincial and national levels. In addition, you will develop an understanding of how humans interact and impact our environment. You will investigate the concepts of stewardship, sustainability, biodiversity and plant growth and development.

Natural Sciences 20/30 (2411/3411)

This program will expand on the stewardship principles introduced in the previous course but will continue the discussion on sustainability issues including a study of renewable and non-renewable energy sources and the sustainable development of our environments. The program will also continue the work in greenhouse management and plant growth and production.

Outdoor Pursuits

Outdoor Pursuits is a course for students with an interest in outdoor activities, and the willingness to spend time in the wilderness. Grade 11 students have registration priority; however, if spots are available, grade 10 students may submit an application to the Outdoor Pursuits teacher for early admission.

Outdoor Pursuits 20 (2470)

Outdoor pursuits 20 is a 5 credit course designed for students interested in exploring human powered activities. Students will gain 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.

Outdoor Pursuits 30 (3470)

Outdoor Pursuits 30 is a 5 credit course designed for students to be involved in advanced wilderness skills development with the opportunity for practical leadership training. Guiding, technical and leadership skills along with global environmental awareness are the main focuses.

Trades, Manufacturing & Transportation (TMT)

Construction Technology

Construction Technology 10 (14521) – This course is open to all students.

Students will develop common processes and methods relative to practical hands-on projects. Students will learn to use a variety of hand and power tools with safety management stressed as a major part of this course.

Construction Technology 20/30 (2421/3421)

Students will develop skills gained from the introductory course by completing more complex projects. This course is designed to help students advance their skills and awareness of the many job opportunities available in the construction field. Construction Technology 30 students will develop skills more appropriate to post-secondary technical studies specific to identifying, describing and planning design features and event sequencing.

Electro-Technologies

Electro-Technologies 10 (1418) – This course is open to all students

In this course you will have the opportunity to work in and explore a variety of areas associated with electro-technologies. Some of these areas include: electronics, pneumatics, robotics, 3D design, and automation. You will use the skills developed in this class to complete one or more integrated projects. This is an independent and diverse working environment; therefore, you will need to be a strong and independent learner.

Electro-Technologies 20/30 (2418/3418)

At the intermediate level you will continue to build on the skills developed in Electro-Technologies 10. As you continue to work in the electro-technologies lab you will move forward in solving more challenging problems and creating increasingly sophisticated projects. You may also endeavour to move into new and uncharted territory and work with your instructor to develop knowledge, tasks and projects to share with other students. Students may choose to explore multiple areas or follow a more specific pathway including robotics, automation or mixed maker projects (which may combine elements like: electronics, 3d design and printing, laser cutting, programming, and physical computing). This is an independent and diverse working environment; therefore, you will need to be a strong and independent learner. At the advanced level (Electro Tech 30) you will continue to build on the pathways and skills developed in Electro-Technologies 20. As you continue to work in the technical/construction lab you will move forward in solving more challenging problems and creating increasingly sophisticated projects.

Robert Thirsk High School Program Planner

Grade 10			Grade 11			Grade 12			Transition Plans
Course	Mark	Cr.	Course	Mark	Cr.	Course	Mark	Cr.	
English			English			English			
Social Studies			Social Studies			Social Studies			
Math			Math						
Science			Science						
Phys Ed 10			CALM						
Grade 10 Credits	/		Grade 11 credits	/		Grade 12 credits	/		
			To Date			To Date			

High School Diploma Requirements

- English 30-1 or 30-2
- Social Studies 30-1 or 30-2
- Math – any grade 11 Math
- Science - any grade 11 Science
- 10 credits in CTS, Second Languages, Fine Arts, or PE 20 & 30
- 10 credits in 30 level courses in addition to English & Social Studies
- Phys Ed 10
- CALM
- 100** Credits or more

K&E Certificate of Achievement Requirements

- English 20-2 or 30-4
- Social Studies 10-2 or 20-4
- Math 10-3 or 20-4
- Science 14 or 20-4
- 5 credits in RAP 30 **OR**
- 5 credits in each of Work Experience 30 **AND** a 30 Level CTS course
- Phys Ed 10
- CALM
- 80** Credits or more

CORE COURSES		
Grade 10	Grade 11	Grade 12
ENGLISH 10 Includes (1000): English 10-1 (5) English 10-2 (5) English 10-4 (5)	English 20-1 Honours (2221) ENGLISH 20 Includes (2105): English 20-1 (5) English 20-2 (5) English 20-4 (5) Humanities 20 (ELA/SS full year) (2773) (10)	AP English 30-1/35 (3221) (8) English 30-1 (3105) (5) English 30-2 (3104) (5) English 30-4 (3780) (5)5)
S.S. 10 Includes (1000): Social Studies 10-1 (5) Social Studies 10-2 (5) Social Studies 10-4 (5)	S.S. 20 Includes (2771): Social Studies 20-1 (5) Social Studies 20-2 (5) Social Studies 20-4 (5) Humanities 20 (ELA/SS full year) (2773) (10)	Social Studies 30-1 (3771) (5) Social Studies 30-2 (3772) (5)
MATH 10 Includes (1000): Mathematics 10C (5) Mathematics 10-3 (5) Mathematics 10-4 (5)	Mathematics 20-1 Honours (2228) (5) Mathematics 20-1 (2791) (5) Mathematics 20-2 (2792) (5) Mathematics 20-3 (2793) (5) Mathematics 20-4 (2782) (5) Phys-Math (Physics/Math full year) (2799) (10)	AP Mathematics 30-1/31 (3228) (10) Mathematics 30-1 (3791) (5) Mathematics 30-2 (3792) (5) Mathematics 30-3 (3793) (5) Mathematics 31 (3211) (5)
SCIENCE 10 Includes (1000): Science 10 (5) Science 14 (5) Science 10-4 (5)	Chemistry 20 Honours. (2220) (5) AP Biology 20/30/35 (3219) (13) Biology 20 (2231) (5) Chemistry 20 (2796) (5) Physics 20 (2797) (5) Science 20 (2270) (5) Science 24 (2288) (5) Science 20-4 (2783) (5)	AP Chemistry 30/35 (3220) (8) Biology 30 (3230) (5) Chemistry 30 (3796) (5) Physics 30 (3797) (5) Science 30 (3270) (5)
COMPLEMENTARY COURSES		
Introductory	Intermediate	Advanced
Health & Wellness Physical Education 10 (1445) (5) Yoga 15 (1449)	CALM 20 (3) Physical Education 20 (2445) (5) Yoga 25 (2449) (5) Phys. Ed 20/30 & Rec Leadership (2446)	Psychology 30 (3171) Physical Education 30 (3445) (5) Yoga 35 (3449) (5) Phys. Ed 20/30 & Rec Leadership (2446)
GLOBAL STUDIES French 10 (1093) (5) Spanish 10 (1345) (5)	French 20 (2093) (5) Spanish 20 (2345) (5)	French 30 (3093) (5) Spanish 30 (3345) (5)
FINE ARTS Advanced Acting 15 (5) Art 10 (1400) (5) Acting for the Camera (0014) (5) Band 10 (1425) (5) Choir 15 (1423) (5) Concert Band 15 Jazz Band 15 Musical Theatre 15 (1979) (5) Dance 15 (1404) (5) Drama 10 (1410) (5) Film Studies 15 (1408) (5) Technical Theatre 15 (1406) (5) Creative Writing & Publishing 15 (1269) (5)	Advanced Acting 25 (5) Art 20 (2400) (5) Acting for the Camera (0014) (5) Band 20 (2425) (5) Choir 25 (2423) (5) Concert Band 25 Jazz Band 25 Musical Theatre 25 (2979) (5) Dance 25 (2404) (5) Drama 20 (2410) (5) Film Studies 25 (2408) (5) Technical Theatre 25 (2406) (5) Creative Writing & Publishing 15 (1269) (5)	Advanced Acting 35 (5) Art 30 (3400) (5) Acting for the Camera (0014) (5) Band 30 (3425) (5) Choir 35 (3423) (5) Concert Band 35 Jazz Band 35 Musical Theatre 35 (3979) (5) Dance 35 (3404) (5) Drama 30 (3410) (5) Film Studies 35 (3408) (5) Technical Theatre 35 (3406) (5) Creative Writing & Publishing 15 (1269) (5)
Career and Technology Studies (CTS) Business Opportunities 10 (1413) Cook Trade Apprentice/Foods 10 (1420) Computer Science 10 (1412) Legal Studies 10 (1415) Sports Medicine 10 (1450) Sports Performance 10 (1460) Leadership 10 (1414) Design Studies 10 (1416) Multimedia 10 (1417) Natural Sciences 10 (1411) Construction Technology 10 (1421) Electro Technologies 10 (1418)	Business Opportunities 20 (2413) Cook Trade Apprentice 20 (2420) Computer Science 20 (2412) Legal Studies 20 (2415) Outdoor Pursuits 20 (2470) Sports Medicine 20 (2450) Sports Performance 20 (2460) Sports Performance Girls Only 20/30 (2460/3460) Leadership 20 (2414) Design Studies 20 (2416) Multimedia 20 (2417) Natural Sciences 20 (2411) Construction Technology 20 (2421) Electro Technologies 20 (2418)	Business Opportunities 30 (3413) Cook Trade Apprentice 30 (3420) Computer Science 30 (3412) Legal Studies 30 (3415) Outdoor Pursuits 30 (3470) Sports Medicine 30 (3450) Sports Performance 30 (3460) Sports Performance Girls Only 20/30 (2460/3460) Leadership 30 (3414) Design Studies 30 (3416) Multimedia 30 (3417) Natural Sciences 30 (3411) Construction Technology 30 (3421) Electro Technologies 30 (3418)