Tommy Douglas Collegiate opened its doors to grade 9 and 10 students on August 27, 2007. The school is named after the former premier of the Province of Saskatchewan, Tommy Douglas, who was a tireless crusader for the betterment of all people in this province and country. Tommy Douglas was known for many firsts, including founding Universal Medicare which was later adopted by the federal government of Canada. He was honoured in 2006 by the people of Canada who voted him “The Greatest Canadian” on a CBC television series.

The “Tiger Family” continues to grow! The staff and students are proud of the academic and extracurricular traditions that have been, and continue to be, developed. A solid academic foundation combined with excellent visual and performing arts, practical and applied arts, and athletic programs offer a wide array of options for students. Tommy Douglas Collegiate has an excellent staff who are prepared to assist students in their educational journey. We encourage our students to take pride, to be creative and critical thinkers, and to be problem solvers. We also work with students as they strive to achieve personal excellence and as they mature into responsible, respectful students and citizens. Selecting classes each year is an important task that requires careful thought and effective course planning. It is recommended that each student discuss short and long range plans with a parent, teacher, counsellor or administrator. The staff at Tommy Douglas Collegiate look forward to another great year. We hope your high school years will be filled with successful memories and experiences. We are glad you have chosen Tommy Douglas Collegiate and hope you find the information in this course selection book helpful in making your course decisions for the upcoming year.
MISSION STATEMENT

At Tommy Douglas Collegiate we believe that all students’ have within themselves the ability to build on their successes. Our committed team of teachers and professionals work toward finding the avenue in which each student can achieve quality living skills through education, social, physical and creative aptitudes. Our goal is to help create an environment that promotes mutual respect, shared interests and a safe & caring school for our Tommy Douglas students and staff.

STATE OF THE ART FACILITY

Tommy Douglas Collegiate is a state of the art facility that includes two large gymnasiums, a 423 seat performing arts theatre, a large band area complete with practice rooms, a dance studio, an industrial arts woods shop, a home Economics lab, science labs, a 5000 square foot fitness facility, computer and graphic arts labs as well as classrooms equipped with data projectors and wireless technology. We have a community room, a food servery and a large commons area for students. Surrounding the school are 68 acres of park space which include soccer, softball and football fields, as well as walking and biking trails. As part of the Blairmore Integrated Facility, Tommy Douglas Collegiate is in partnership with the City of Saskatoon and Bethlehem Catholic High School - the two schools in the Blairmore Integrated Facility are joined by a 50 metre international size pool, warm-up pool, diving facility, indoor water park and slides, fitness areas and a 160 meter indoor walk/jog track. This is truly a one of a kind facility and a destination centre for the citizens of Saskatoon and surrounding communities.
The Student Services program is designed to promote academic, educational, personal, social, and career development. As an integral part of the secondary program, counselling and guidance builds a foundation for learning based on:

- Positive attitude toward school and learning
- Personal responsibility
- Respect for self and others
- Knowledge and skills for employment

Research indicates that counselling and guidance programs:

- Improve academic achievement
- Enhance educational and career planning and school-to-work transition
- Foster positive attitudes toward school, learning, and work
- Increase acquisition and application of conflict resolution skills
- Decrease dropouts

School counsellors:

- Help resolve problems that interfere with learning
- Counsel individuals and groups
- Conduct guidance learning activities
- Facilitate educational planning
- Provide career planning and vocational educational opportunities
- Make available information on financial aid and college planning
- Support students with special needs
- Offer crisis intervention and prevention
- Make referrals to community agencies and professionals as needed

A teacher, parent, administrator, friend or agency may refer students to a counsellor, or a student may self-refer. A positive relationship between school and home fosters the academic, social, and emotional growth of students. Counsellors invite parents to meet with them concerning their children.

School Counsellors

- Involve parents
- Inform parents or guardians of situations or behaviours that may harm their child or others
- Provide parenting skills information
- Provide referral information about community resources
- Protect the privacy of information shared by parents and students

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**ADVANCED PROGRAM ADVANTAGE**

Tommy Douglas is also a designated Advanced Placement school. The AP (Advanced Placement) program is an option for those students who excel in specific subject areas and wish to further enrich their experience. The courses also carry the potential to earn a university or college credit prior to leaving high school. It is expected that students enrolled in the AP program bring advanced skills and knowledge to the class to begin with. Much of the work is student-driven, and it is imperative that students are self-motivated and able to work independently when necessary. This program is currently offered in English Language Arts and in Biology.

In Grade 12, the materials studied are university-level, with analysis and discussion of said materials expected to reflect a significantly higher level of sophistication. The AP exam occurs in May for all subject areas. Students enrolled in AP designated schools may challenge ANY of the exams, even if that course isn’t offered in the school. In these cases, student will use the plethora of online resources available from the College Board, including past exams, to prepare themselves to write. The in-school AP administer must be notified, as exams and proxies must be arranged for.

**ADVANCED PLACEMENT IN SASKATCHEWAN:**

Both the University of Saskatchewan and the University of Regina grant credit to students achieving a score of 4 or 5 on AP exams. With such a score, students have the opportunity to earn credit for entry-level classes, saving them the cost of tuition, as well as affording them greater flexibility with their timetables. Students enrolled in AP may also have knowledge and skills to better prepare them for the rigors of university academics.
Classes at Tommy Douglas are often offered at different levels: Advanced Placement, Enriched, Regular and Modified. A student can obtain a full credit in a subject regardless of the level of difficulty of a course.

LEVELS OF DIFFICULTY
In most classrooms, teachers support individual students through differentiated instruction. Some courses, however, can be offered at more than one level to match the common needs and abilities of a group of learners.

Regular Level courses follow the provincial outcomes found within each curricular area. Such courses require students to be able to work on their own after the teacher has helped them develop basic understanding. The pace of instruction is intended to endure mastery by the students.

Modified Level courses cover 50% of the provincial outcomes and 50% of outcomes created by the school division. Courses offer a greater variety of ways to learn the material to address learning differences and gaps. The courses focus on building strong foundational skills in each area of study. Tommy Douglas Collegiate offers these courses primarily in the areas of English, Mathematics and Science.

Enriched Level courses offers greater challenge to students through high level questions and more opportunities for critical and creative thinking, while still maintaining the same workload as regular classes. Students can expect content to be covered more quickly in some areas to provide opportunity for greater depth in other areas as well as an emphasis on independent learning and research.

Course levels are determined separately for each subject. For example, it is possible for a given student to be in Enriched English and Regular Math. Students should select levels which provide them with the opportunity and stimulation to learn and to develop as unique people. Final placement in levels is a school decision. If there are insufficient registrations to schedule an entire section at a certain level, teachers will aim to meet individual learning needs with the regular classroom setting.

Resource class helps support students who struggle with the regular curriculum by providing extra support. During the resource class, students receive assistance with classroom assignments, set goals, develop organizational strategies, and learn study skills. The resource teacher and classroom teachers collaborate to develop strategies to assist these students with their classes. Support with curriculum will be provided in conjunction with teaching learning strategies so that students will become independent learners.
ENGLISH AS AN ADDITIONAL LANGUAGE

Introduction
At Tommy Douglas, we have different kinds of support for students who are English language learners. We help students learn English and be successful in their other classes. Support for learners is given in three ways: direct instruction, sheltered classes and EAL support classes.

Learning a new language and learning in a new language take a lot of time and hard work. Every student will learn at a different speed and in different ways. Teachers and school counselors want to help students choose classes in which they will have the most success.

English as an Additional Language- Beginner’s Class (EAB 10)
This class is for students who are new to English. Students learn new vocabulary and practice their reading, writing, speaking and listening skills. Students earn a credit with successful completion.

English as an Additional Language- Intermediate Class (EAA 20/EAB20)
These classes are for students who have studied English and need to strengthen their reading, writing, speaking and listening skills to be ready for an English language arts class. Two levels are offered: low intermediate and high intermediate. Students earn a credit with successful completion.

English Language Arts A10 and B10- Sheltered (ELA 10S/ELB 10S)
These courses have the same outcomes and themes as the regular ELA10 and ELB10 courses. However, only English as additional language students will be in the class, allowing the teacher to use teaching and assessment strategies best for the English language learner. Students taking this course are expected to be at a high-intermediate level of speaking, reading, and writing in English. Students earn a regular credit for each course upon successful completion.

English as an Additional Language Tutorial/Support classes
These classes are for English language learners who need additional support in their classes. These classes help English language learners by giving students extra time to work and study, learn new subject-area ideas in English, and get help, one-on-one or in small groups, with assignments, homework and test preparation. Students who have support classes usually do better in their other classes. These courses are not for credit.

FUNCTIONAL LIFE SKILLS PROGRAM
The Functional Life Skills Program is a program that aims to individualize programs for a diverse group of educationally challenged students. Our program is able to adapt to the many personal, medical, academic, social, behavioural and inclusive needs that our students may require. Whenever appropriate and possible, students are integrated into regular activities and/or classes. We have the space and facilities to provide personal care, physiotherapy exercises, adapted computer technology, sensory stimulation, quality life experiences, and basic functional living adaptations and work preparation for students with a variety of skills and needs.
Tommy Douglas Collegiate offers a full range of extra-curricular activities. We believe many skills and values may be learned through involvement in the extra-curricular program. In athletics, students will have the opportunity to participate in volleyball, football, cross country running, soccer, golf, cheerleading, pom squad, basketball, curling, wrestling, badminton, and track and field. Each noon hour the gym is active with an intramural program featuring activities such as: volleyball, basketball (3 on 3 and a 21 tournament), badminton, floor hockey, soccer, dodge-ball, indoor frisbee, yoga, and flag football. In Performing Arts, students may choose to participate in pit band, jazz band, dance, drumline, school choir, drama, musical productions, One Act Festival, Competitive Improv team, play writing club, and play in a day competition. Other clubs include: SRC, Ambassadors, Multi-Cultural, Chess, Math contest, and Eco Club - for environmental initiatives. Opportunities in the Visual Arts include a Mural Team for large scale designs and set painting for the musical. Art Club for a more individualized instruction in various media including workshops from community artists. Plus a Senior Art Show each year for grade 10, 11, & 12 students.
### Tommy Douglas Collegiate French Immersion Core Requirement Graduation Plan

#### Grade 10

**Compulsory:**
- English Language Arts B10
- Fondements de Mathématiques Et Pré-Calcul 10F
- Fondements de Mathématiques 20F
- Français 10F
- Histoire 10F
- Sciences 10F
- Wellness 10

**Unspecified Electives:**
(minimum of 2)
1. 
2. 
3. 

#### Grade 11

**Compulsory:**
- English Language Arts 20
- Français 20F
- Français Intégré A20F
- Fondements de Mathématiques 30F
- Histoire 20F

**Choose 1 Sciences:**
- Computer Science 20
- Environmental Science 20
- Health Science 20
- Physical Science 20
- Science 21

**Unspecified Electives:**
(minimum of 3)
1. 
2. 
3. 

#### Grade 12

**Compulsory:**
- Français 30F
- Français Intégré B20F
- Sciences Sociales 30F
- English Language Arts B30

**Unspecified Electives:**
(2 of 5 must be at the 30 level)
1. 
2. 
3. 
4. 
5. 
6. 

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- At least two Arts Education or Practical & Applied Arts Electives at the 10, 20 OR 30 level.
- **Note:** Some universities require both ELA30 and ELB30 in addition to Français Immersion30 for admission.

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**Total of 12 credits (Grade 10, 11, 12) must be in French to receive Bilingual status with Saskatchewan Learning.**

**Total of Compulsory and Elective Courses for Grades 10, 11 and 12 must be greater than or equal to 24.**

**NOTE:** Meeting minimum requirements does not necessarily satisfy entrance requirements for post-secondary institutions. Please consult with counsellors to confirm appropriate program choices.
FRENCH IMMERSION
CLASS DESCRIPTIONS

FRANÇAIS B9 (FRB09F)
Il s'agit d'un cours qui vise à consolider les connaissances des élèves de la langue et de la culture française en employant une variété d'activités et de thèmes. Cependant, il accorde une plus grande importance aux différents genres littéraires : le roman, la poésie et le texte informatif.

This course is intended to consolidate the students' knowledge of the French language and culture through a variety of activities and themes. There is, however, a greater emphasis placed on the different literary genres: the novel, poetry and the informative writing.

MATHÉMATIQUES 9 (MTH09F)
Ce cours comprend 8 unités d'études au cours de l'année scolaire. Les unités comprennent : les entiers, l'ordre des opérations, les polynômes, les équations, les nombres rationnels, la résolution de problèmes, les rapports et les proportions, la géométrie, la mesure, et les statistiques (l'analyse de données). Les élèves suivront un demi cours de mathématiques en anglais mis avec un cours de leur choix.

This course contains eight units of study. The units of study guide students in their understandings of: integers, order of operations, polynomials, equations, rational numbers, word problems, ratios, rates, geometry, measurement, and statistics. The students will take half a semester of Math in English backed with an elective.

SCIENCE 9 (SCI09F)
Ce cours entame quatre grand thèmes : les atomes et les éléments, la reproduction, les caractéristiques de l'électricité, et l'exploration spatiale. Le cours comprend aussi les sous-thèmes de techniques au labo, la matière, et les graphiques. L'attente est que les élèves acquerront la capacité des procédures au labo et l'analyse de données.

This course concentrates on four main themes: Atoms and Elements, Cells and Reproduction, Electricity, and Space Exploration. This course also focuses on sub-themes of lab techniques, matter, and graphing. Students are expected to gain skills in laboratory procedures as well as data analysis.

FRANÇAIS A9 (FRA09F)
Ce cours est une suite au Français B9 avec l'intégration de l’Éducation artistique. De plus, le cours développe davantage les habiletés des élèves à l’écoute, à l’oral, à l’écrit, et en lecture.

This course is a continuation of Français A9 with the integration of Arts Education. The course is also designed to further develop the students’ listening, speaking, writing, and reading skills.

SCIENCES HUMAINES 9 (HUM09F)
Ce cours porte sur les fondements de la société et un regard vers le passé. Afin de mieux comprendre leur présent, les élèves cherchent à établir des liens entre les caractéristiques et les faits marquants du passé et du présent avec l’étude des anciennes civilisations.

This course focuses on the foundations of society and a focus towards the past. In order to better understand the present, students search to find the links between the characteristics and the distinguishing facts of the past and the present in the study of ancient civilizations.

HISTOIRE 10 (HIS10F)
Préalable: Sciences Humaines 9
Ce cours examine la prise de décisions politiques et économiques, les relations internationales (politiques et économiques) et les idéologies principales du 19e siècle. Les événements précis qui sont abordés incluent la Révolution anglaise, la Révolution française et Napoléon, la révolution industrielle et les causes de la Première Guerre mondiale.

This course examines political and economic decision-making, international relations, and the principal ideologies of the 19th century. Specific events covered include the English Revolution, the French Revolution and Napoleon, the Industrial Revolution and the causes of the First World War.

CLASS DESCRIPTIONS

Secondary Immersion is for students who have taken the program from K-8 or have an equivalent fluency. Students take at least four courses per year where French is the language of instruction. Students who complete the French Immersion program will receive a bilingual certificate.

GRADE 9 PROGRAMMING
Les élèves doivent assister aux cours de Français A et B 9, Mathématiques 9, Sciences Humaines 9, et les Sciences Naturelles 9 en français. Les autres cours seront offerts en anglais et y seront accordé individuellement à chaque élève.

Students must take Français A and B 9, Mathématiques 9, Sciences Humaines 9, and Sciences Naturelles 9 in French. The other courses these students must take will be offered in English and will be individually scheduled for each student.

Préalable: Français A et B 9, Mathématiques 9, Sciences Humaines 9, et Sciences Naturelles 9 en français. Les autres cours seront offerts en anglais et y se seront accordé individuellement à chaque élève.

Students who complete the French Immersion program will receive a bilingual certificate.
FONDEMENTS DES MATHÉMATIQUES ET PRECALCUL 10
(MFP10F)
Préalable: Mathématiques 9

Ce cours est conçu pour fournir aux élèves les connaissances et les capacités d’analyse critique nécessaire pour l’école post-secondaire en arts et sciences. Les thèmes incluent l’aire de la surface et le volume des objets en trois dimensions, la trigonométrie, les nombres irrationnels, les puissances des exposants intégrales et rationnels, les polynômes, la géométrie coordonnée avec les relations linéaires, les fonctions linéaires, et la notation.

This course is designed to provide students with mathematical understandings and critical thinking skills identified for post-secondary studies. The concepts include area of surface, three dimensional volumes, trigonometry, irrational numbers, integral and rational exponents, polynomials, linear relational geometry, linear functions and notation.

SCIENCES 10
(SCI10F)
Préalable: Sciences 9

Ce cours entame les réactions chimiques, la durabilité, les écosystèmes, le climat, et le mouvement. Les concepts ci-dessus sont appliqués dans des activités pragmatiques et de laboratoire.

This course concentrates on laboratory and hands-on approaches to cover a variety of science topics in biology, chemistry, physics, and general science. Topics include chemical reactions, motion, weather, and ecosystems.

FRANÇAIS 20
(FRA20F)
Préalable: Français 10

Ce cours accorde plus d’importance à la langue selon des contextes variés. Trois grands thèmes sont étudiés: le journalisme électronique, le roman et le photo roman ou la bande dessinée.

This course concentrates on the importance of language in various contexts. The three major themes studied are electronic journalism, novel study and story telling via photo story or comic strips.

FONDEMENTS de MATHÉMATIQUES 30
(MAF30F)
Préalable: Fondements de Mathématiques 20

Ce cours aide les élèves à approfondir les connaissances mathématiques et le raisonnement critique nécessaire pour les études postsecondaires qui ne nécessitent pas le calcul théorique. Les thèmes incluent les mathématiques financières, le raisonnement, les principes de compter, la probabilité et les fonctions (polynômes, périodiques, logarithmiques et exponentielles).

This course is offered for two credits in the immersion program. They allow for maximum flexibility since they can be taken in either grade 11 or grade 12. In these courses, the study of the language is integrated with other disciplines which are not always available to immersion students. The course presents four units: cinema, sociology, psychology and entrepreneurship. Only two units of study are presented in any one course.

HISTOIRE 20 (HIS10F)
Préalable: Histoire 10

Ce cours porte sur la Première Guerre mondiale, le totalitarisme, la Deuxième Guerre mondiale, la Guerre froide et le monde moderne. Les grands événements de la dernière décennie et leurs causes sont aussi examinés.

This course focuses on the First World War, the rise of totalitarian states, the Second World War, the Cold War and the Modern World. The major events of the last decade and their causes will be also examined.

FONDEMENTS DE MATHÉMATIQUES 20
(MAF20F)
Préalable: Fondements de Mathématiques 10

Ce cours fournira aux élèves les habiletés et les compétences de mathématiques et la pensée critique pour l’entrée aux programmes d’études supérieures qui n’ont pas besoin d’étude de calcul théorique. Les matières étudiées incluent : le raisonnement logique, le raisonnement proportionnel, la géométrie, la trigonométrie, les fonctions quadratiques, les systèmes d’équations linéaires, la probabilité et les statistiques.

This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include: logical reasoning, proportional reasoning, geometry, trigonometry, quadratic functions, and systems of linear equations, statistics and probability.

SCIENCES SOCIALES 30 (SOC30F)
Préalable: HIS20F

Ce cours porte sur l’évolution politique, économique et sociale du Canada. La dualité culturelle et les rapports internationaux du Canada sont aussi considérés.

The Grade 12 course is mainly a study of Canada’s political, social and economic evolution. Cultural duality and Canada’s international relations are other important themes.

FRANÇAIS 30 (FRA30F)
Préalable: Français 20

Le but de ce cours est d’approfondir les connaissances et comprendre la langue française comme instrument de communication d’une vision du monde, le théâtre et la poésie.

The purpose of this course is to help students acquire a world view which will guide them in their adult lives. The three units are: the novel as a means of communicating a world view, theatre and poetry.

FRANÇAIS INTÉGRÉ 20 (A+B)
(FIA20F) & (FIB20F)
Préalable: Français 10

Ces deux cours sont offerts au programme d’immersion pour deux créatifs. Ils permettent un maximum de flexibilité car ils peuvent être suivis en 11e ou en 12e année. Au cadre de ces cours, l’étude de la langue française est intégrée à quatre disciplines: le cinéma, la sociologie, la psychologie et l’entrepreneuriat. Seulement deux unités sont présentées dans chaque cours.

This course is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include: financial decision making, logical reasoning, counting principles, probability, polynomial functions, periodic functions, and logarithmic and exponential functions.
ATTENTION STUDENTS ENTERING GRADE 9

Check your choices clearly on the course selection sheet on page 16-17.

Be sure that you and your parents read the information about courses carefully before making selections. Grade 9 students must have full timetables, that is to say, no spares, with English counting as two classes and Math counting as two. Note which courses are compulsory.

**COMPULSORY**
- Arts Education 09
- Career 09/Health 09
- English Language Arts A 09
- English Language Arts B 09
- Mathematics 09 (1 ½ semesters)
  Commerce & Computer Applications 09 (½ semester)
- Physical Education 09
- Science 09
- Social Studies 09

**PLUS CHOOSE ONE OF THE FOLLOWING**
- Band 09
- Choral 09
- English As An Additional Language (EAL) 09
- French 09
- Practical & Applied Arts Survey 09
  (Clothing, Drafting, Food Studies, Woodworking)
- Resource Class

**PRACTICAL & APPLIED ARTS SURVEY 09 (PAA09)**
This is an introductory course, which enables students to experience four Practical and Applied Arts Areas: Drafting, Woodworking, Clothing and Food Studies. Students will spend approximately four weeks in each component. Completion of this course will satisfy the Sask. Learning requirement for one PAAS class in grade nine.

**CLOTHING**
Clothing students will learn about notions, small equipment and machine parts and functions. In addition, students will learn to operate a sewing machine and apply basic sewing techniques by making a pair of boxer shorts.

**DRAFTING**
Drafting is an instruction in Computer Aided Drafting with an emphasis on multi-view drawings, pictorial drawings, single view, and 3D drafting.

**FOOD STUDIES**
Food Studies students will prepare a variety of foods from cookies to entrees utilizing the principles of Canada’s Food Guide.

**WOODWORKING**
Students will gain confidence working in the shop as they learn to cut, shape, and finish wood. You will be introduced to a wide variety of power tools and processes which will help in building your project.

**ARTS EDUCATION 09 — (ARE09)**
This course is designed as a survey to introduce students to four strands of Arts Education. The four strands are visual arts, drama, dance, and music.

**DANCE**
In the dance component of the Arts Ed. Survey 9, the students will develop their dance technique in a variety of styles, study the basic elements of dance and examine the process of dance composition. The course will incorporate theory, creative work, and learning choreography in a variety of styles.

**DRAMA**
In the drama component of the Arts Ed. Survey 9, the students will develop an appreciation for theatre by exploring a number of areas: movement, voice, characterization, direction and stage design, improvisation, and performance. This course is an introduction to high school drama and therefore gives a broad and diverse coverage of this art form.

**MUSIC**
In the music component of the Arts Ed. Survey 9, the students will use voice, guitar, and technology to express musical ideas. Music theory, and listening skills will also be developed.

**VISUAL ART**
This component of the survey is intended to give the art student a broad experience in art using a variety of media and subject matter. This includes basic concepts of art composition as they relate to the Elements and Principles of Art, we will learn basic skills in drawing and painting.
BAND 09 (BAN09-N) - Recommended: Gr. 8 Band or permission of the teacher.

Concert Band, which rehearses every other day, is a full year course. Students will work with an eclectic repertoire of quality music in order to develop the following skills and musical components: technique, rhythm, auditory skills, interpretive concepts, and historical knowledge. Theory and music history are also part of the course study. Performances will include a Fall, Winter and Spring Concert in the Tommy Douglas Collegiate theatre, Music Festivals in and out of town, and other community performances as they arise.

CHORAL 09 (CHO09)

This course is available to students whether or not they have singing experience. Students will learn basic vocal techniques and music reading. They will develop singing skills by studying various styles of choral music and by practicing with the aid of music software. Some out-of-class time will be required for festivals and concert performances.

COMMERCE & COMPUTER APPLICATIONS 09 (CCA09)

Learn the latest in technology and business by taking this hands-on survey course. Students will develop their skills in computers, accounting, entrepreneurship and law. This course will develop their skills in keyboarding, word processing and communications. Students will use accounting principles, explore spreadsheets and personal finance, and look at consumer protection, business and criminal law. Entrepreneurial skills will also be introduced through the study of the global marketplace and e-commerce, culminating in a study of a business plan. This class is offered either as a full or half course.

ENGLISH LANGUAGE ARTS 09 (ELA09 & ELB09)

(Offered in - Regular & Enriched)

English Language Arts 9 balances the communicative strands of speaking, listening, reading, writing, viewing and representing, and are organized thematically. The genres of short story, novel, essay and poetry are used in both semesters, as well as non-print material, to enhance students’ communication skills.

ENGLISH AS AN ADDITIONAL LANGUAGE 09 (EAL)

Students will be placed in the best possible classes based on recommendations from the Grade 8 EAL teacher and the classroom teachers. A Grade 9 EAL student might take a Beginners Class, an Intermediate Class or a Tutorial/Support Class (see page 6 for details).

ENGLISH LANGUAGE ARTS 09 PLUS (ELA09P and ELB09P)

The ELA 9 Plus program at Tommy Douglas focuses on a co-teaching model, with a strong emphasis on reading comprehension strategies. This model allows us to intensively focus on the students with the greatest ELA needs, and provides instruction, support, and guidance in a safe, comfortable environment. This environment empowers students to build confidence and skills in a non-judgemental setting, and has resulted in high levels of student attendance, participation, and assignment completion. The evidence we have collected over the past two years has shown substantial improvement in reading comprehension and writing skills for the majority of students. Must be recommended by gr 8 teacher.

HEALTH 09/CAREER 09 - HEA09/CAR09

This compulsory course is backed all year to Physical Education 9 and it is a combination of Health Education and Career Education. Fifty hours of instruction are directed toward developing the understanding, skills and confidences necessary to take action to improve health; to make informed decisions based on health-related knowledge; and to apply decisions that will improve personal health and/or the health of others. The other fifty hours will focus on Career Education. Grade nine students will explore the connections between learning and work pathways and their connections to the community. Students will use a variety of resources to explore and review the skills, knowledge and attitudes essential for effectively managing their life and work development.

FRENCH 09 (FRE09)

The objective of Core French education is to enable all learners to gain insight into francophone and other cultures, to expand their awareness of language and language learning, and to develop their ability to communicate in French by their participation in meaningful communicative experiences in the language. In this course, students will continue to learn French through the study of themes which focus on student experiences. Each theme includes a topic to be developed and a unit project. Successful completion of this project creates a need to know certain language structures and vocabulary which are then formally taught. Themes which will be explored include movies, jobs, professions, rights, responsibilities and consumerism. Students with a French Immersion background must identify themselves when registering. Recommendations will then be made for an appropriate grade placement in secondary school French.

MATH 09 (MTH09) (1 ½ semesters)

The course explores square roots, surface area, exponents, rational numbers, polynomials, linear equations, inequalities, graphing linear equations, scale diagrams, line and rotational symmetry, circles, data collection.

MATH 09 ENRICHED - MTH09E (1 ½ semesters)

This enriched Math course is intended for students who enjoy Math, who achieve very good grades, and who need and want more challenges than what is offered in our regular program. Enriched Math covers all of the content within the provincial curriculum with enrichment. These students will look at mathematical concepts in detail, exploring difficult questions within each concept, as well as different applications of the concept. In addition, students will be exposed to a number of non-routine problems including the writing of Math contests throughout the school year. Less time will be spent reviewing concepts from previous years, and as time permits, some related areas of study will be included. Enriched Math students should be able to grasp mathematical concepts quickly. These students should be mature, responsible, independent learners. Students enrolled in this course will experience similar assessment and evaluation processes to those used in regular programs.

MATH 09 PLUS - MTH09P (Sem. 1 & 2)

Math 9 Plus is a two-semester course meeting each day throughout the year. Students will spend time reviewing basic skills from earlier years and then progress to the topics of Math 9. By meeting daily for two semesters, students are able to progress more slowly than in a one-and-a-half semester course and will thus have better success at understanding the concepts essential to future success in mathematics. This course is taken by students who have a recommendation for support from their grade 8 teacher.
SCIENCE 09 - SCI09
(Offered in - Regular & Enriched)
Science 9 is an introductory science course designed to familiarize students with the scientific method, experimental procedures and social awareness. A broad range of classroom and laboratory experiences are used to address the topics of chemistry, cell biology, principles of electricity and earth and space science. Students will acquire skills in observing, calculating and laboratory writing. Science 9 Enriched will focus on inquiry based learning and critical thinking. With an emphasis on enriching the science experience through field trips, alternative labs and debates on ethics in science.

SOCIAL STUDIES 09
REGULAR - SOC09
(Offered in - Regular & Enriched)
The theme of study for this course is “Roots of Society”. Using different units of study, students will cover key concepts and areas that may include calendars and time, ancient civilizations, the Medieval Age and Feudalism.

PHYSICAL EDUCATION 09
PED09
This course will focus on student development in four key areas; Active Living, Skillful Movement, Relationships, and Leadership. Using these goals students will work toward becoming physically educated individuals who have the understanding and skills to engage in movement activity, and the confidence and disposition to live a healthy, active lifestyle.

Students will learn and work toward improving/maintaining health and skill related fitness levels and motor skill development. Students will be introduced to a variety of individual and team activities. An emphasis will be placed on personal fitness goals, encouraging daily health and exercise habits, and the importance of leadership and positive relationships. Evaluation in this course will be based on progress toward meeting curricular outcomes through positive and active participation in all course activities.

Physical Activities may include: aquatics, weight training, core strength/plyometrics, circuit training, football, volleyball, soccer, basketball, badminton, ultimate frisbee, square dance, educational gymnastics, track and field, yoga, wrestling, floor hockey, slow

OFF THE GRID 9
The Off the Grid program is a half-day, full-year learning experience that will take students on an integrative, interdisciplinary adventure.

This program is intended for Grade 9 students who are interested in such topics as climate change, sustainable living, social justice and the growing need for innovation in these areas. Part of the course will include students working towards the goal of making Tommy Douglas Collegiate a more energy efficient building.

This course will appeal to students who want to experience life outside the box as they gain insight into the topics of complex systems that govern all life through a hands-on learning style. Through this course students will become leaders equipped with the knowledge and tools necessary to make a difference in their community. Topics will include: renewable resources/energies; environmental policy; traditional knowledge; plant and soil science; societal pressures and democratic practices.

Students taking part in Tommy Douglas’ Off the Grid program will be exposed to other similar minded youth who are passionate about positively influencing our communities in Saskatoon and surrounding areas. Students will have the opportunity to meet some of Saskatchewan’s leading experts in fields of environment and sustainability while getting the chance to share and teach the class about their own thoughts and values. Our school and local community inspire Off the Grid initiatives making our program a link between education and practical application of important projects in our society.

The program provides students with credit for Social Studies 9, Science 9, English Language Arts 9A and Arts 9.

Interested students may contact Student Services at Tommy Douglas Collegiate to obtain an application. The application is designed to find students who are wishing to push themselves both academically and physically to create and inspire positive environmental and social change in our community and in our building.
# SASKATOON PUBLIC SCHOOLS
## Core Requirement Graduation Plan

<table>
<thead>
<tr>
<th>GRADE 10</th>
<th>GRADE 11</th>
<th>GRADE 12</th>
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</thead>
<tbody>
<tr>
<td>English 10A</td>
<td>English 20</td>
<td>English 30A</td>
</tr>
<tr>
<td>English 10B</td>
<td>At least one of:</td>
<td>English 30B</td>
</tr>
<tr>
<td>Science 10</td>
<td>- Health Science 20</td>
<td>At least one of:</td>
</tr>
<tr>
<td>Wellness 10</td>
<td>- Physical Science 20</td>
<td>- History 30</td>
</tr>
<tr>
<td>At least one of:</td>
<td>- Computer Science 20</td>
<td>- Native Studies 30</td>
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<tr>
<td>- History 10</td>
<td>- Environmental Science 20</td>
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<td>- Native Studeis 10</td>
<td>At least one of:</td>
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</tr>
<tr>
<td>At least one of:</td>
<td>- History 20</td>
<td>- Psychology 20 or 30</td>
</tr>
<tr>
<td>- Foundations Pre-Cal 10</td>
<td>- Law 30</td>
<td>- Native Studies 20</td>
</tr>
<tr>
<td>- Apprenticeship Math 10</td>
<td>- Geography 20 or 30</td>
<td></td>
</tr>
</tbody>
</table>

At least two from either or one of each of:
- Arts Education* or - Practical Applied Arts**

**Electives:**
- 1. ________________
- 2. ________________
- 3. ________________
- 4. ________________
- 5. ________________
- 6. ________________

**Electives:**
- 1. ________________
- 2. ________________
- 3. ________________
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- 6. ________________

**Electives:**
- 1. ________________
- 2. ________________
- 3. ________________
- 4. ________________
- 5. ________________
- 6. ________________

**TOTAL CLASSES:**
- Grade 10 + Grade 11 + Grade 12 = a minimum of 24
- Successfully complete at least five subjects numbered “30”
- Minimum of 9 electives, at least 6 in Grades 11 or 12
- Please see Counsellor to discuss any Post-Secondary requirements

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* **ARTS ELECTIVES:** Arts Education, Band, Choral, Dance, Drama, Music, Instrumental Jazz and Visual Art

FRENCH 10 (FRE10)
Recommended: French 09
Through various themes, including driving, travel and correspondence, and friendship, French 10 introduces the imperfect past tense while continuing to build on the composed past tense and the near future. Students will be expected to complete both oral and written work, and there will be an opportunity for some technology based learning to be done. A good French-English dictionary is a must have for the course.

FRENCH 20 (FRE20)
Prerequisite: French 10
French 20 continues on the verb tenses learned in French 9 and French 10. Students will explore units of self-knowledge, crime and violence, French poetry/music and Francophone culture. The conditional and simple future tenses will also be introduced. Students will be expected to complete both oral and written work, and there will be an opportunity for some technology based learning to be done. A good French-English dictionary is a must have for the course.

FRENCH 30 (FRE30)
Prerequisite: French 20
French 30 introduces the subjunctive verb tense while continuing to build on knowledge acquired through French 9, 10 and 20. The themes used to develop vocabulary, conversation and written skills include racism, media, theatre and a continuing appreciation for the French language and culture. Students will be expected to complete both oral and written work, and there will be an opportunity for some technology based learning to be done.

RESOURCE (RESX)
Resource class helps students who struggle with the regular curriculum by providing extra support. During the resource class, students receive organizational strategies, and study skills support. The resource teacher and classroom teachers collaborate in developing strategies to assist these students with their academic classes. Support with curriculum will be provided in conjunction with teaching learning strategies so that students will become independent learners.

DRIVER EDUCATION (DR10-N)
Driver Education is a non-credit class which is partially scheduled at noon hour. Some release time from other courses and some out-of-school time are also required. The course includes classroom study, simulation and in-car practice. To be eligible, students must meet the age requirements specified by the system-wide Driver Education program—students must be 15 years of age before being allowed to participate in the course.
ENGLISH LANGUAGE ARTS 10 (ELA10 & ELB10)
Prerequisite: ELA09 & ELB09
These are compulsory programs and both must be completed before a student is allowed to select any ELA20 program. Both courses explore the society in which adolescents live, and provide a range of experiences and resource to improve students’ skill development. Students will work on becoming more sophisticated in the strands of reading, writing, listening, speaking, viewing, and representing. Emphasis is placed on being able to read literature with depth and being able to judge whether or not forms of communication are effective.

*Students who continue in a modified English program to grade twelve must be aware the EL31 is NOT accepted for entrance to university or some technical courses.

ENGLISH LANGUAGE ARTS 20 (ELA20)
Prerequisite: ELA10 & ELB10
Students will explore the themes of Reflection and Anticipation using various media forms. Students will continue to focus on the strands of reading, writing, listening, speaking, viewing and representing while studying various genres of literature. This course must be completed before enrolling in any 30 level English courses.

ENGLISH LANGUAGE ARTS 21 MODIFIED - (ELA21)
Prerequisite: ELA10 & ELB10
Students will explore the themes of Reflection and Anticipation using various media forms. Students will continue to focus on the strands of reading, writing, listening, speaking, viewing and representing while studying various genres of literature at a slower pace and with alternate forms of evaluation.

ENGLISH LANGUAGE ARTS 30 (ELA30 & ELB30)
Prerequisite: ELA20
These courses aim to develop students’ reading and writing abilities through an intensive study of literature. Canadian culture is explored in ELA30, while literature from around the world is the focus of ELB30.

ENGLISH LANGUAGE ARTS 10 SHELTERED - (ELA10S & ELB10S)
Prerequisite: ELA09 & ELB09 and/or EAB20 and/or by recommendation from an EAL teacher
These courses are offered to students who have English as an Additional Language and who wish to strengthen the skills required to be successful in regular ELA20, ELA30 and ELB30 classes. The content of these classes is geared towards learning and implementing several key strategies related to reading, writing, representing, listening, viewing, and speaking within an ELA classroom. The curriculum followed is the same as that of ELA10 and ELB10, and all regular outcomes are covered.

ENGLISH LANGUAGE ARTS 31 MODIFIED - (ELA31 & ELB31)
Prerequisite: ELA20 or ELA21
These courses are aimed at empowering students to communicate more effectively in a variety of life situations (e.g. job interviews, formal introductions or speeches, etc.) Course objectives also include enhancing students’ abilities to become effective critical viewers of media

CREATIVE WRITING 20 (ELW20)
Prerequisite: ELA10 & ELB10
Creative Writing 20 is a course for students who love to write and want to become strong writers. Not only will you work on specific skills to help you develop your style and voice as a writer, you will also have the opportunity to experiment in different genres, study author’s craft, and publish your favorite pieces. Students will also have the opportunity to participate in regular writing workshops with their peers to help each other grow as writers.

MEDIA STUDIES 20 (ELM20)
Prerequisite: ELA10 & ELB10
This course is offered to students who have a desire to learn more about mass media and how it affects us personally, socially, economically, and politically. The goal is to teach students to become savvy consumers of media, as well as how to become critical listeners, readers, and viewers of all types of media. Students will be expected to participate in weekly discussions, as well as work with different groupings in order to explore the rich content of this course. There will also be multiple opportunities for students to create their own media and to explore different jobs associated with media.

ENRICHED COURSES
ELA09E, ELB09E, ELA10E, ELB10E, ELA20E
Prerequisite: talk with your ELA teacher if you’re interested
Enriched English courses are intended for students who love to read, write, discuss and analyze, and for those who may want or need more challenges. These courses cover all of the outcomes in the curriculum, but then dig deeper into enriched literature, analysis and concepts. Interested students should not only love books and writing, but also be mature, responsible and independent learners. Students enrolled in these courses will experience similar assessment and evaluation processes to those used in regular programs.

ENGLISH LANGUAGE ARTS 10 PRE ADVANCED PLACEMENT - (ELA10E & ELB10E)
Prerequisite: ELA09 & ELB09
These courses continue to build on the terms and skills introduced in EL09 with the focus of preparing students for the ELA 30 AP courses. Students must excel in English Language Arts and plan on attending university. New terms will be studied, and the students will be introduced to analysis and critical evaluation while working within the strands and themes prescribed in the Saskatchewan curriculum guide.

ENGLISH LANGUAGE ARTS 20 PRE ADVANCED PLACEMENT - (ELA20E)
Prerequisite: ELA10 & ELB10
Using similar themes as found in the regular strand, the enriched course will focus on analytical skills regarding literature in preparation for AP English Literature and Composition at the 30 level. The six language strands will form the basis for developing higher level reading skills and increased ability for in-depth study.

ENGLISH LANGUAGE ARTS 30 ADVANCED PLACEMENT (ELA30P & ELB30P)
Prerequisite: ELA20
This is a first year university course designed around the Advanced Placement exam students will write in May. Students will read throughout the year in and out of class, and spend time writing and editing. Students MUST BE enrolled in ELA30P to be enrolled in ELB30P second semester.
ARTS EDUCATION 10
MUSICAL THEATRE
No Prerequisite

This is a project based course where students will develop skills in acting, singing, dancing, set design/construction, stage management, props and running crew. Among projects, students will perform in some capacity in a full length school musical production. The course requires rehearsal time outside of class time and a high level of commitment. Students who have a particular interest in theatre (whether it be acting, set design/construction, costuming, or tech) are encouraged to enrol.

ARTS EDUCATION 20/30 – MUSICAL THEATRE
Recommended: Drama 10, 20 or 30 ; Choir 10, or 20/30

This course will require students to commit fully to the production of a full length school musical production. The course will also be project based. Students will develop skills in acting, singing, dancing, and improvisation. The course will require a high level of commitment and rehearsal outside of class time. Auditions for principal actors in this course will take place in December prior to the beginning of the new semester. Students who take this course should have a desire to be on stage, or help with the production from behind the scenes.

BAND 09
Recommended: Grade 8 Band or Permission of the instructor.

Concert Band which rehearses every other day is a full year course. Students will work with an eclectic repertoire of quality music in order to develop the following skills and musical components: technique, rhythm, aural skills, interpretive concepts, and historical knowledge. Theory and music history are also part of the course study. Performances will include a Fall, Winter and Spring Concert at the Tommy Douglas Collegiate theatre, Music Festivals in and out of town and other community performances as they arise.

BAND 10 (BAN10-N)
Recommended: Band 09

Concert band which rehearses every other day is a full year course. Band 10 is an extension of Band 9 by which more challenging music and concepts will be covered. Performances will include a Fall, Winter and Spring Concert at the Tommy Douglas Collegiate theatre, Music Festivals in and out of town and other community performances as they arise.

BAND 20 (BAN20-N)
Recommended: Band 10

Concert band which rehearses every other day is a full year course. Band 20 is an extension of Band 10 by which more challenging music and concepts will be covered. Performances will include a Fall, Winter and Spring Concert at the Tommy Douglas Collegiate theatre, Music Festivals in and out of town and other community performances as they arise.

BAND 30 (BAN30-N)
Recommended: Band 20

Concert band which rehearses every other day is a full year course. Band 30 is an extension of Band 20 by which more challenging music and concepts will be covered. Performances will include a Fall, Winter and Spring Concert at the Tommy Douglas Collegiate theatre, Music Festivals in and out of town and other community performances as they arise.

CHORAL 10 (CHO10)
No Prerequisite

Through participation in our choral program, students will acquire the skills, abilities, understandings and attitudes necessary to develop vocally as individual singers and as members of a choral ensemble. Students will learn to appreciate music from a variety of cultural and historical contexts including popular music. Some emphasis will be placed on ear training which is a vital part of singing. The concert choir is the medium that will be used to develop these musical abilities. Music is a performing art; choral classes will allow students to directly experience the art of music. Performances are a natural outgrowth of classes and students are expected to participate in all rehearsals and performances.

CHORAL 20 (CHO20)
Recommended: Choral 10

Through participation in our choral program, students will acquire the skills, abilities, understandings and attitudes necessary to develop vocally as individual singers and as members of a choral ensemble. Students will learn to appreciate music from a variety of cultural and historical contexts including popular music. Some emphasis will be placed on ear training which is a vital part of singing. The concert choir is the medium that will be used to develop these musical abilities. Music is a performing art; choral classes will allow students to directly experience the art of music. Performances are a natural outgrowth of classes and students are expected to participate in all rehearsals and performances.
CHORAL 30 (CHO30)  
Recommended: Choral 20

Through participation in our choral program, students will acquire the skills, abilities, understandings and attitudes necessary to develop vocally as individual singers and as members of a choral ensemble. Students will learn to appreciate music from a variety of cultural and historical contexts including popular music. Some emphasis will be placed on ear training which is a vital part of singing. The concert choir is the medium that will be used to develop these musical abilities. Music is a performing art; choral classes will allow students to directly experience the art of music. Performances are a natural outgrowth of classes and students are expected to participate in all rehearsals and performances.

DANCE 10 (DAN10)  
No Prerequisite

In this course students will develop skills in dance theory, technique, improvisation and composition. The students will study a variety of styles as well as the history and evolution of selected dance disciplines. This course will include a performance component.

DANCE 20 (DAN20)  
No Prerequisite

In this course the students will extend their understanding of the dance elements and apply this understanding to improve their dance technique. Students will expand their repertoire to learn and perform a number of dance styles as well as their own dance creations. This course will also involve a teaching project with an elementary school in the community.

DANCE 30 (DAN30)  
Recommended: Dance 20

Students taking Dance 30 will be expected to observe and execute, with technical and qualitative accuracy, complex choreography and participate in dance improvisation exercises with confidence. In this course students are expected to perform choreography as well as their own composition work with technical accuracy and clarity of intention. Students in this course will also study a module on careers in the field of dance, with a look at professional dance companies & choreographers.

DRAMA 10 (DRA10)  
No Prerequisite

This course involves the study of dramatic process and technique, speech, team concept, improvisation and the use of scripts. There is a heavy emphasis on movement at this level. This is a performance class. Students in this class should have a desire and a readiness to perform.

DRAMA 20 (DRA20)  
Recommended: Drama 10

Drama 20 is a course designed to build skills acquired in Drama 10. Areas of study will include: theatre history, voice and speech, movement, improvisation, and script analysis with an emphasis on characterization. This is a performance-based class and therefore students should feel confident performing in front of their peers.

DANCE 30 (DAN30)  
Recommended: Drama 20

In Drama 30 students will continue to build upon skills acquired in Drama 20 such as basic acting, improvisation, movement, and scene work. New areas of study will include: directing, mentoring young actors in the community, occupations associated with theatre, and scriptwriting. Students interested in taking this course must have desire and willingness to perform. There will be a final performance in front of an audience for this class.

GUITAR 10 (GUI10)  
No Prerequisite

In Guitar 10, students will learn about the world of music and experience music through the study of Guitar (note reading, chords, tab) music history, composition, ear training, listening and research. Performance skills will be learned from the repertoire of solo pieces and studies, while technical development will be achieved through exercises that include chords, scales, rhythms, finger dexterity development and the students’ own composition. Students in Grades 10, 11, and 12 are invited to take this course.

GUITAR 20 (GUI20)  
Recommended: Guitar 10

Students will build upon the skills learned in Guitar 10. Performance skills will be learned from the repertoire of solo pieces, and studies, while technical development will be achieved through exercises that include chords, scales, rhythms, finger dexterity, tablature and the students’ own compositions and song writing with the opportunity for more emphasis on individual work in areas of interest.

GUITAR 30 (GUI30)  
Recommended: Guitar 20

In Guitar 30, students will build upon the skills learned in Guitar 20. Performance skills will be learned from the repertoire of solo pieces, and studies, while technical development will be achieved through exercises that include chords, scales, rhythms, finger dexterity, tablature and the students’ own compositions and song writing with the opportunity for more emphasis on individual work in areas of interest.
**VISUAL ART 10 (VAR10)**
No Prerequisite

Students will learn drawing skills by accessing the right brain visual language and grid systems to improve their realism abilities. Through this process the student will accomplish contour line drawings and value studies of the human form, landscapes, and other subjects in various drawing media. The Elements and Principles of Art and Design vocabulary will be used with all projects to create finished compositions in paint, collage, and three dimensional designs. There will be an Art History component which focuses on First Nations content.

**VISUAL ART 20 (VAR20)**
Recommended: Visual Arts 10

The theme for this art course is based on *Ideas and Inspiration* and is intended to give the senior art student the opportunity to begin developing ideas, learn mastery of technique and create independent projects. Projects will include designs in drawing, painting, sculpture, and mixed media projects. The Art History focus will be from the Impressionist, Expressionist, and Surrealist movements.

**VISUAL ART 30 (VAR30)**
Recommended: Visual Arts 10 & 20

This course will continue within the studio setting as a way to find personal visual communication and expression through individual symbol making and mixed media projects. The focus will be on the idea of Change as the student begins making plans for their future beyond high school. The Art History focus will be the Modernist Period, Contemporary Canadian Art and the local art scene through gallery and museum visits and art criticism practices.

**INSTRUMENTAL JAZZ 10**
Recommended: Band 09

In Instrumental Jazz, students will further develop their musical skills by exploring various types of jazz music. Improvisation will be taught and regularly practiced as part of the course. In addition to those who have taken concert band, students who have taken lessons on guitar, bass, or piano will have the opportunity to play and develop their musicianship on those instruments. Rehearsals will occur every day for a full semester, usually semester 2. Performances will include concerts in the Tommy Douglas Collegiate theatre, music festival at The Bassment, and possibly an out-of-town festival.

**INSTRUMENTAL JAZZ 20 (JAZ20)**
Recommended: Band 10, Jazz 10

In Instrumental Jazz, students will further develop their musical skills by exploring various types of jazz music. Improvisation will be taught regularly practiced as part of the course. In addition to those who have taken concert band, students who have taken lessons on guitar, bass, or piano will have the opportunity to play and develop their musicianship on those instruments. Rehearsals will occur every day for a full semester, usually semester 2. Performances will include concerts in the Tommy Douglas Collegiate theatre, music festival at The Bassment, and possibly an out-of-town festival.

**INSTRUMENTAL JAZZ 30 (JAZ30)**
Recommended: Band 20, Jazz 20

In Instrumental Jazz, students will further develop their musical skills by exploring various types of jazz music. Improvisation will be taught and regularly practiced as part of the course. In addition to those who have taken concert band, students who have taken lessons on guitar, bass, or piano will have the opportunity to play and develop their musicianship on those instruments. Rehearsals will occur every day for a full semester, usually semester 2. Performances will include concerts in the Tommy Douglas Collegiate theatre, music festival at The Bassment, and possibly an out-of-town festival.
MATH 11 MODIFIED - (MTH11)
Prerequisite: Math 09
Mathematics 11 is a modified 10 level mathematics course. This course focuses on improving practical and functional math skills that are used in everyday life at a learning pace suited for all students in the class. Topics include earning and spending money, travel, measurement and health and nutrition. This course is a prerequisite for Mathematics 21.

WORKPLACE AND APPRENTICESHIP
MATHEMATICS 20 (MWA20)
Prerequisite: Workplace and Apprenticeship Mathematics 10
This course is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into post-secondary programs. Topics include: financial mathematics, logical reasoning, proportional reasoning, geometry, trigonometry, algebra, statistics and probability.

MATH 21 MODIFIED - (MTH21)
Prerequisite: Math11
Mathematics 21 is a modified 20 level mathematics course. This course focuses on improving practical and functional math skills that are used in everyday life at a learning pace suited for all students in the class. Topics include earning and spending money, travel, measurement and health and nutrition.

FOUNDATIONS OF MATHEMATICS 20 (MAF20)
Prerequisite: Foundations & Pre-Calculus 10
This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include: logical reasoning, proportional reasoning, geometry, trigonometry, algebra, statistics and probability.

PRE-CALCULUS 20 (MPC20)
Prerequisite: Foundations & Pre-Calculus 10
This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include: absolute value, radicals, trigonometry, rational expressions and equations, factoring, quadratic functions, quadratic equations, inequalities, reciprocal functions, sequences and series.

FOUNDATIONS OF MATHEMATICS 30 (MAF30)
Prerequisite: Foundations of Mathematics 20
This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus. Topics include: logical reasoning, proportional reasoning, geometry, trigonometry, algebra, statistics and probability.

PRE-CALCULUS 30 (MPC30)
Prerequisite: Pre-Calculus 20
This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus. Topics include: the unit circle, trigonometric functions, trigonometric equations and identities, logarithmic and exponential functions and equations, counting principles, transformations and composition of functions, radical functions, rational function and polynomial functions.

CALCULUS 30 (CAL30)
Prerequisite: Pre-Calculus 30
This is an advanced mathematics class for very capable math students. The course is aimed at students who will be taking calculus at university. Topics covered include differentiation, integration and related applications.

Calculus 30 Advanced Placement (CAL30P)(CAL30I)
Prerequisite / Co-requisite: Pre-Calculus 30
The Advanced Placement (AP) Calculus AB exam is offered in May to students who take a grouped program of the following two courses: Calculus 30 and Integral Calculus 30. Students who achieve a sufficiently high standing on this internationally recognized external examination can earn credit at most North American universities. Students preparing for this examination will normally take Pre-Calculus 30 and Calculus 30 in semester 1 and Integral Calculus 30 in semester 2. Credit for each course is achieved independently from the result of the AP Calculus AB exam

INTEGRAL CALCULUS (CAL30I)
Prerequisite: Calculus 30 or Calculus 30 AP
This course is designed to challenge motivated and mathematically able students and to prepare them for the rigors of post-secondary mathematics. Students will explore more advanced Calculus topics than are studied in Calculus 30 and will thereby consolidate and strengthen their algebraic and calculus understandings and skills. Topics include: approximation methods; advanced derivatives; integration properties, techniques and applications; basic theorems of Calculus; differential equations; and relative growth rates.
Selecting Secondary Mathematics Courses

The renewed mathematics curriculum consists of three pathways designed to meet the needs of students as they prepare for post-secondary education and the workforce. The Ministry of Education recommends that students take both grade 10 courses to give them exposure to both pathways of mathematics. This will also ease transitions for those students who wish to change pathways during their high school years.

<table>
<thead>
<tr>
<th>Workplace &amp; Apprenticeship Mathematics</th>
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<tbody>
<tr>
<td>This pathway is designed for students interested in learning the mathematics needed to enter most trades or to enter the workforce after high school.</td>
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<tr>
<td>Note: Some technical school programs that require study in calculus will not accept this pathway for admission.</td>
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<tr>
<th>Foundations of Mathematics</th>
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<tbody>
<tr>
<td>This pathway is designed for students who want to attend a university, college, or technical institute after high school, but do not need calculus skills.</td>
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<tr>
<td>Students will study the greatest variety of mathematical topics in these courses. This path will fulfill most students’ needs.</td>
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<thead>
<tr>
<th>Pre-Calculus</th>
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<tbody>
<tr>
<td>This pathway is designed for students who want to study mathematics or sciences at a university, college, or technical institute and go on to a related career.</td>
</tr>
<tr>
<td>Pre-Calculus is for students who plan to enter post-secondary programs such as engineering, mathematics, sciences, some business studies, or other programs that require calculus.</td>
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</tbody>
</table>

Note: Students will require at least one 20 level credit in any of the four pathways for graduation.
Some Possible Mathematics Pathways:

**Option 1** – Students considering a post-secondary program that is specific to math, science or business. This pathway is recommended for students who have a 75% or higher in their math courses.

A – Students needing or desiring Calculus 30 for post-secondary programs.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Notes for Consideration</th>
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<tbody>
<tr>
<td>10</td>
<td>Foundations and Pre-Calculus 10</td>
<td>Foundations 20</td>
<td>- Calc 30 is required for engineering at U of S</td>
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<td></td>
<td></td>
<td>- Calc 30 is highly recommended for any program requiring calculus in post-secondary</td>
</tr>
<tr>
<td>11</td>
<td>Foundations 30</td>
<td>Pre-Calculus 20</td>
<td>- PC 30 is the min. level of math recommended for taking most courses in university</td>
</tr>
<tr>
<td>12</td>
<td>Pre-Calculus 30</td>
<td>Calculus 30</td>
<td></td>
</tr>
</tbody>
</table>

B – Students desiring to receive a university credit in Calculus through AP Calculus.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Notes for Consideration</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Foundations and Pre-Calculus 10</td>
<td>Foundations 20</td>
<td>- PC 30 may be taken in Grade 11 (possibly exclude Foundations 20 and 30)</td>
</tr>
<tr>
<td>11</td>
<td>Foundations 30</td>
<td>Pre-Calculus 20</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Pre-Calculus 30 and Calculus 30 AP</td>
<td>AP Integral Calculus 30</td>
<td></td>
</tr>
</tbody>
</table>

**Option 2** – Students considering a university program in the arts or humanities.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Notes for Consideration</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Workplace and Apprenticeship 10</td>
<td>Foundations and Pre-Calculus 10</td>
<td>- Foundations 30 is sufficient for non-math programs; however, in most cases, Foundations 30 is not sufficient for any university program with math courses</td>
</tr>
<tr>
<td>11</td>
<td>Foundations 20 (either semester)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Foundations 30 (either semester)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Option 3** – Students considering a technical school program (not math or science specific), community program or workforce.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Notes for Consideration</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Workplace and Apprenticeship 10 (either semester)</td>
<td></td>
<td>- Workplace and Apprenticeship 30 is sufficient to access 72% of programs at Sask. Polytechnic</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>- Most university programs do not accept Workplace and Apprenticeship courses</td>
</tr>
<tr>
<td>11</td>
<td>Workplace and Apprenticeship 20 (either semester)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Workplace and Apprenticeship 30 (usually offered semester 2)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Option 4** – Students requiring a modified level of instruction.

<table>
<thead>
<tr>
<th>Grade</th>
<th>Semester 1</th>
<th>Semester 2</th>
<th>Notes for Consideration</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Mathematics 11 (either semester)</td>
<td></td>
<td>- Math 21 will allow students to graduate - Most post-secondary programs do not recognize Math 21</td>
</tr>
<tr>
<td>11</td>
<td>Mathematics 21 (either semester)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
This course focuses on gaining the skills and knowledge needed to live a balanced and active lifestyle, while also putting emphasis on developing and maintaining safe and respectful relationships. Students will work toward becoming physically educated individuals who have the understandings and skills to engage in movement activity, and the confidence and disposition to apply these learnings to their daily life. Students will work toward improving/improving health and skill related fitness levels, as well as to develop and improve their complex movement skills, through the use of individual and team activities. An emphasis will be placed on personal fitness goals, encouraging daily health and exercise habits, and the importance of leadership and positive relationships in supporting the goals of others. Evaluation in this course will be based on progress toward meeting curricular outcomes through positive and active participation in all course activities.

Physical Activities may include: aquatics, resistance training, core and stability training, football, volleyball, soccer, basketball, badminton, ultimate frisbee, square dance, educational gymnastics, track and field, yoga, wrestling/combatives, floor hockey, slow-pitch, and indoor/outdoor low organized games.

Wellness 10

Prerequisite: Physical Education 09

The aim of this course is to develop a desire in students to pursue lifelong physical activity, while also focusing on the importance of reflection and education in regards to decision making. This course takes a holistic approach, by focusing on all aspects of one’s wellness, and the interconnectedness of each dimension. Increased choice in the physical activity portion of this class allows students to personalize the course to better meet their individual needs and interests, and to provide them with authentic and meaningful learning opportunities. Although emphasis will be on developing skills and understandings found in the Physical dimension, all aspects of a student’s well-being are addressed. Using an integrative physical activity and health theory approach, students will work to balance the six dimensions of their wellness through the use of a personal wellness plan. This plan includes goal setting and action planning around their Physical, Mental, Emotional, Spiritual, Social and Environmental wellness dimensions.

This course is designed to provide students with the opportunity to learn how to be active in the outdoors. The students will learn outdoor living, leadership, teamwork and social skills. Environmental education will be included in the course, with the hope that students will learn to become environmental leaders. There will be a strong focus on ensuring that the students are prepared for out-of-school excursions. They will learn to plan their own trips, wildlife management, camping skills, and water rescue. There will be a strong fitness component to ensure that students are capable on the out-of-school excursions. The fitness component will focus on self-propelled travel and safety such as biking, cross country skiing, hiking, canoeing, kayaking, wall climbing, swimming, etc. There will be a final excursion consisting of a 3-5 day canoe trip to Northern Saskatchewan. A one night camping and canoeing trip will be used as a lead up to this trip. Other shorter out-of-school excursions will be included, and all students will be provided with bus transportation. Students must be responsible and capable of making mature decisions in order to be a part of this course. Students may take this course in both grade 11 for a PE 20 credit and in grade 12 for a PE 30 credit. Cost: $80.00.

This course is designed to provide students with the opportunity to experience a wide range of lifelong physical activities and leisure pursuits, as well as to further develop personal skills, tactics, and strategies. Focus will be placed on student leadership, and the lifetime pursuit of recreation and leisure. This course also includes an emphasis on developing and maintaining safe and positive relationships, as well as education and personal experiences around the importance of volunteering and service learning work within a community. Although leisure and recreational activities are the focus, students must be committed to participate fully as independent and group learners. Physical activities may include: golf, yoga, martial arts, lawn bowling, bowling, curling, squash, tennis, badminton, indoor games, outdoor games, aquatics, slow-pitch, weight training, ultimate frisbee, ice games, fitness classes, table tennis, dance, educational gymnastics, billiards, and others. Course material will vary each semester. Students may take this course in both grade 11 for a PE 20 credit and in grade 12 for a PE 30 credit. Cost: $80.00.
SOFTBALL ACADEMY ADVANTAGE
Students enrolled in the Softball Academy will have the opportunity to earn two credits. Grade 10 students will receive a Wellness 10 and Career Work Exploration 10 credits. Grade 11/12 students will receive a PE 20/30 and Life Transitions 30, Psychology 30 or an online credit.

The program has visited Phoenix, Arizona, Florida State University in Tallahassee, Florida, Cal State Fullerton and San Diego, California. In addition to our incredible clinic experience we managed to attend professional sporting events and family attractions such as Disneyland, Sea World, Six Flags and Universal Studios.

DIVERSE COMMUNITY
Tiger Softball Academy is open to male and female students in Grades 10 to 12. Students must be registered as full-time students at Tommy Douglas Collegiate during the semester(s) they are enrolled in Tiger Softball Academy. This year our softball academy students came from 20 different high schools across Saskatchewan and Alberta. Out-of-city students are responsible for providing their own accommodation.

EQUIPMENT REQUIREMENTS AND COST
Students will be expected to supply their own glove, mouth guard, bat, and batting helmet with face mask. The participants will be supplied with a wind suit, T-shirts and shorts. The program will supply softballs, pitching machine, batting tees, protective screening and cages. Students enrolled in the program will have access to weightlifting and fitness areas of Tommy Douglas. Total cost for the program will be $400. Students who are enrolled for a second or third semester in the academy will be charged $250, as they will already have program apparel.

APPLICATION PROCESS
Potential Softball Academy participants can apply by downloading an application from the Saskatoon Public Schools website. Go to saskatoonpublicschools.ca and follow the links to Tommy Douglas Collegiate. Students must fill out an application form and have a reference from a current teacher in the school that they attend. Applications must be received by April 13, 2018 in the student services office at Tommy Douglas Collegiate. The selection committee will review every application received by the due date with consideration given to maintaining an equitable balance of male and female participants as well as an equitable balance of position players. All applicants will be contacted by April 20, 2018.

CREDITS:
- Wellness 10
- Career Work Exploration 10
- PE 20/30
- Life Transitions 30
- Psychology 30

HIGHLIGHTS:
- Students are able to earn the NCCP Community Sport-Ongoing Participation Certification.
- Extended study tour in the United States
- Access to weightlifting and fitness areas of Tommy Douglas Collegiate
CAREER & WORK
EXPLORATION 10 (CWE10)
No Prerequisite

This course allows students to develop leadership skills through volunteering in the community and during school events, personal volunteering and job shadows. We will focus on interest research, personality inventories and academic/career exploration. A major goal of this course is to provide students with time to develop his or her career portfolio. Students will complete a résumé, a cover letter and they will practice job interview skills. We will examine and explore employability skills throughout the semester as well. This course gives students a chance to continue planning their career in the world of work and allows them to gain valuable volunteer experience for their résumé.

CAREER AND WORK
EXPLORATION (CWE20)
No Prerequisite

Are you ready for the world of work? Are you thinking about the future? The focus of CWE 20, available to grade 11 and 12 students, is the exploration stage of career development. Students will evaluate goals, skills, interests, personality and values and see what career direction may be an obvious choice for their future. Job search techniques will lead to a work placement in the Saskatoon business community. Occupational exploration, occupational health and safety, labour standards and WHMIS are additional practical components. Career research and the career portfolio, complete with a résumé, cover letter and achievements, will be valuable projects which students will keep and update throughout their career. Students must have a source of transportation and a desire to start planning for their future!

CAREER AND WORK
EXPLORATION A30/B30
(CWA30 & CWB30) 2 credits
No Prerequisite

What are your plans after high school? Where is your career plan taking you? This exciting 2 credit course is available to grade 11 and 12 students during periods 4 and 5, with a desire to experience career choices and develop essential skills in a workplace setting. Students will begin the course with self-awareness, including goal setting and interest, values and skills inventories to determine or reaffirm their potential choices for future career direction. Students will complete two work placements during the afternoon in the Saskatoon business community. Transportation and parking costs are the students’ responsibility. The career portfolio, complete with a résumé and cover letter, as well as achievements, will be a valuable project which students will keep and update throughout their career.

CONSTRUCTION AND CARPENTRY 10
(CAC10)
INTRODUCTION TO WOODWORKING
No Prerequisite

The main focus of this course is for students to complete a common project that will require the use of all of the major equipment in the shop, followed by at least one optional project that will allow students to build on their skills. Skills acquired throughout the semester include safety procedures, machine operations and processes, measurement and lumber layout, laminating, cutting joining, assembly, and finishing. The flexibility to alter the common project will allow students to develop problem solving skills, plan procedures, and explore functional design. The Introductory Level of the Saskatchewan Youth Apprenticeship Program will be completed in this course.

PRACTICAL AND APPLIED ARTS
ARCHITECTURE AND BUILDING
DESIGNS
Prerequisite: DRF10 and/or CAC10

This survey course will include four different areas in the Practical & Applied arts: Architectural Drafting, Construction and Carpentry, Electrical, and Housing.

The main focus of this course is to connect architectural theory with building practice. Students will begin the semester learning about the principles of residential architecture by designing and drafting a floor plan, sectional view, exterior elevations, and residential circuit layout using AutoCAD. Once blueprints are developed, students will learn about the construction industry by transitioning their theoretical knowledge through practical experience by framing their project and then wiring it.

*The Intermediate Level of the Saskatchewan Youth Apprenticeship Program and the Safety Construction Orientation Training will be completed in this course.
The Clothing, Textiles and Fashion course is designed for students who want to learn to sew or who already have basic sewing skills. The course focuses on developing an understanding of theory and then applying and practicing these concepts through hands-on projects. There is a balance between mandatory projects and projects that allow for individual choice based on skill level. This course is intended for students who are self-driven, focused, and independent learners. Topics include sewing basics, construction details, design fundamentals, the science of fabric, mending, and clothing care.

CONSTRUCTION AND CARPENTRY 30 (CAC30)
ADVANCED WOODWORKING
Prerequisite: Practical and Applied Arts 30
Students will determine a need for an individual project - typically a piece of furniture - and work through the design process, putting together a materials list and pricing by board footage, and then fabricate and finish it. Throughout this process, students will expand, develop, and refine their skills. A high level of craftsmanship is the goal for all students.

CLOTHING, TEXTILES, AND FASHION 30 (CLO30)
Recommended: Clothing, Textiles & Fashion 10
Clothing 30 will continue to build on skills developed in Clothing 10 and will create an awareness of the role of clothing, textiles, and fashion in our daily lives. There is a balance between mandatory projects and projects that allow for individual choice based on skill level. Students in this class should be self-driven, focused, and independent learners. Topics include textile applications, the language of fashion, clothing decisions, recycling, and career opportunities.

DRAFTING 10 (DRC10)
No Prerequisite
Students will be learning the fundamental principles of drafting and AutoCAD. They will use this knowledge to draw geometric constructions, orthographic, isometric, sectional views and a final assignment.

DRAFTING 30 (DRC30)
MECHANICAL DRAFTING
Prerequisite: Architecture and Building Designs 20 (PAA20)
This course is designed to provide students with opportunities to acquire knowledge and develop skills in mechanical drafting using AutoCAD. Units of study include detail drawings, advanced dimensioning, fasteners, auxiliary views, developments, and assembly drawings. This course will be of interest to those who may pursue future study in related areas such as engineering, skilled trades, or industrial design.
FOOD STUDIES 10 (FOO10)  
No Prerequisite

This course encourages the development of life skills in the areas of foods. Units of study include kitchen basics, baking basics, eggs, vegetables and fruits, grains, milk, and dairy products, snacks and making healthy choices through nutritional decisions. Other topics include consumer knowledge, careers, and employment and technology. A “hands on” learning environment will help students cultivate practical skills that can be used daily in the preparation of foods. Students will also work towards obtaining the Food Safe Certificate required for restaurant workers in Saskatchewan.

FOOD STUDIES 30 (FOO30)  
No Prerequisite

Note: This course is open for students in grade eleven and grade twelve. Food Studies 30 will build on skills developed in Foods 10. This class demands a higher level of expertise and student responsibility and will help prepare students for entry into the workplace. Units of study include food additives, current food issues, salads and salad dressings, sandwiches, protein foods, International foods and the Canadian Food Mosaic. Labs are arranged around the four food groups with emphasis on ethnic foods and higher level gourmet cooking skills. Students will develop the skills needed to plan and prepare meals.

HOUSING AND INTERIOR DESIGN 30 (PAB30)  
No Prerequisite

Students will gain a foundation of knowledge in Interior Design. Activities will focus on hands on projects and a portfolio which can be used when applying for post-secondary schooling or careers in the future. Areas of study include careers, the design process, accessories, design displays, elevation drawings and floor plans. Students in this class must be self-driven, focused and independent learners.

LIFE TRANSITIONS 20 (LIF20)  
No Prerequisite

Today it is essential that young people be able to cope effectively with change. This course helps students to deal with changes throughout their lifetime. Topics include: personal life, self-esteem, communication and personality, relationships, family, dating and marriage, careers and planning, aptitudes, time management, stress, and sexuality in adolescence.

LIFE TRANSITIONS 30 (LIF30)  
No Prerequisite

Life Transitions 30 is a course designed to help students deal with major changes in their personal life. Today it is essential that young people are able to cope effectively with change. Some of the topics covered are life roles, career planning, conflict resolution, and money management.
PHOTOGRAPHY/GRAPHIC ARTS 20
(PHO20)
Prerequisite & Recommended: PHO10/20

Photography 20 will continue to explore the art of creating quality digital compositions through creative assignments in and out of the studio setting. Advanced techniques will be explored in Photo Shop for studio assignments such as light box imagery, advertising campaigns and model/studio lighting shoots. Independent projects will be a focus where students choose their creative focus and build on the skills from the previous year. Exploring advanced technical settings on SLR cameras and using macro and various lenses to get professional looking work. Studio assignments include water drop and bubble reflection photography.

PHOTOGRAPHY/GRAPHIC ARTS 30
(PHO30)
Recommended: PHO10/20

This course is a studio based program in which the senior photo student will have some creative independence while also completing projects set by the teacher. In partnership with the instructor and their peers, students will develop some of their own independent projects while they are tapping into their areas of interest, learning Advanced Photo Shop applications and Studio Lighting Techniques while creating a workable portfolio. Ongoing consultation and critique with the class will be continuous during the semester.
**SCIENCE**

**SCIENCE 10 (SCI10)**
Prerequisite: Science 09

Science 10 is a general science course. The core units of study are: the physics of motion, weather dynamics, sustainability of ecosystems and chemistry in action. This preview of our senior sciences will assist students with selecting senior science courses.

**SCIENCE 10 ENRICHED - (SCI10E)**
Prerequisite: Science 09

Science 10 Enriched covers the same content and topics as Regular Science 10. The major difference between Science 10 and Science 10 Enriched is the focus on inquire based learning and critical thinking. Also, there is an emphasis on enriching the science experience through field trips, alternative labs and debates on ethics in science.

**SCIENCE 11 - MODIFIED (SCI11)**
Prerequisite: Science 09

This general science course is designed for students who have difficulty with the traditional program. The class is adapted to meet the needs of these students. This class is a hands-on alternative to Science 10 and is not an appropriate prerequisite for students planning on taking any 20 level Science, other than Science 21.

**HEALTH SCIENCE 20 (HSC20)**
Prerequisite: SCI10

Health Science 20 is an interdisciplinary science course that integrates physical and biological sciences into the study of human health. Topics may include human anatomy (structure), physiology (function), and various medical diagnostic techniques. This course is recommended for students looking to pursue a career in health care, medicine, diagnostics (xray tech, ultrasound tech), athletic therapy, or other physiology related fields.

**COMPUTER SCIENCE 20 (CSC20)**
Prerequisite: CSC20

This is an introduction to computer hardware and computer programming. A hands-on study of the physical structure of computing devices and networks will create a background on which students will learn computing languages. This course will focus on an introduction to computer processes including loops, arrays, if statements and data manipulation. They will use Basic and Java to develop an understanding of program flow, animation, and design. No background computer knowledge is required for this course.

**ENVIROMENTAL SCIENCE 20 (ESC20)**
Prerequisite: SCI10

Environmental science is an interdisciplinary science course that integrates the physical and biological sciences into the study of how humans interact with the natural environment. Topics include how terrestrial and aquatic ecosystems function, the environmental issues associated with these environments and their possible solutions, the impacts of climate change, and sustainable development. The vast array of trades, sciences and engineering fields will be explored through student driven interests.

**COMPUTER SCIENCE 30 (CSC30)**
Prerequisite: CSC20

This course will build on the concepts and processes developed in Computer Science 20 using the computer language, Python. A broad view will be taken of game design, game structure, and game methodology with a focus on program structures such as conditionals, loops, and program flow. This course will give a strong base for computer science and computer programming beyond the secondary level. This course is suggested for students looking to enter into post-secondary studies in computer science, computer or software engineering, and various other technology related career paths.
BIOLOGY 30 (BIO30)  
Prerequisite: HSC20 or ESC20

Biology 30 will introduce students to the three major topics of genetics, evolution, and dynamic equilibrium in living things. Genetic Continuity will cover molecular genetics and the applications of biotechnology with an emphasis on Saskatchewan-based technologies and processes. Fossil records, classification schemes, and evolutionary mechanisms will be used to study and explain the current scientific understandings of evolution, change, and diversity. Plant and animal systems will serve as the basis for understanding how organisms maintain homeostasis.

PHYSICS 30 (PHY30)  
Prerequisite: PSC20

This course forms the basis of skills needed for First Year Engineering and Physical Science programs at all post-secondary institutions. The course starts with a description of motion then moves into the causes of motion. Topics of study include free fall, momentum, circular motion, energy, Newton’s laws, friction, electricity and electrostatics, and nuclear physics. It is STRONGLY RECOMMENDED that students have successfully completed Math 20 Foundations or Math 20 Pre-calculus before attempting this class. There is much more mathematics involved in this course than in PSC20.

CHEMISTRY 30 (CHE30)  
Prerequisite: PSC20

The concepts from physical science 20 are used as a foundation to study thermochemistry, equilibria, solubility equilibria, acid/base equilibria, reaction rates and oxidation-reduction reactions. Practical experiments and career explorations are emphasised throughout the course. Math skills are important for success in this course. It is recommended that students have completed or completing Foundations 30 and Pre-Calculus 30.

ENVIRONMENTAL SCIENCE 20 / EARTH SCIENCE 30 (Combined)  
Prerequisite: SCI10

This course combines the outcomes from both curricula and will be offered in a 2 hour block. Mining is a necessary and important part of our world and has an enormous impact on our environment. Part of this class will focus on mining in Saskatchewan, the processes, benefits and effects. We will go out into the field as often as possible in order to examine what is happening and what more can be done to make what we do sustainable in the long term. Students will receive 2 credits (one for Environmental Science 20 and one for Earth Science 30).

BIOLOGY 30 ADVANCED PLACEMENT & SPECIAL PROJECT 30  
(BIO30P & SPE30)  
Prerequisites: HSC20 & PSC20

This is a full year, first year university course designed around the Advanced Placement exam students will write in May. Laboratory skills and experimental design will be emphasized throughout the class. The four major themes of the course are evolution driving the diversity and unity of life, the complex properties that allow for biological systems to interact, the ways living systems store, retrieve, transmit, and respond to information essential for life process, and finally that biological systems use energy and molecular building blocks to grow, reproduce, and maintain homeostasis.

EARTH SCIENCE 30 (ESC30)  
Prerequisite: PSC20 or ESC20

Earth Science is an interdisciplinary subject including physical science (geology, physics, chemistry), mathematics and computer science. These sciences are used to study the structure, age, and other aspects of the earth. In a broader sense, environmental science (sustainable resource development, geological hazard assessment) and biology (fossils and geologic history) are used to guide discussion about the appropriate use of the earth’s resources. Field experiences will involve seismic, satellite imaging and data analysis tools. These are key to developing our understanding of the planet. The course is recommended to students looking to pursue a career in geology, the resource sector, geological engineers, mining, archeology, or other land based careers.
HISTORY 10 (HIS10)
Prerequisite: Social Studies 09

The theme of History 10 is “Social Organizations.”
The five units of study are:
- Political Decision Making
- Economic Organization
- Ideology
- Imperialism
- International Relations

Key content areas include;
- Aboriginal Worldview
- Absolute Monarchies of France
- French Revolution
- Rise and Fall of Napoleon
- Enlightenment
- Political Philosophy
- Political Spectrum
- Economics
- Industrial Revolution
- Slavery
- Militarism, Colonialism, Imperialism
- Causes of the Great War W.W.

HISTORY 11
MODIFIED – (HIS11)
Prerequisite: Social Studies 09

This course is designed for students who experience difficulty with Social Studies. Students that enrol in this course are given a learning environment that assists the student in developing skills and comprehension while studying the themes of Social Studies 10.

HISTORY 20 (HIS20)
Prerequisite: History 10

This course will focus on the major events of the twentieth century: the impact of World War I, totalitarian dictators against the liberal democracies, World War II, Superpowers and the Cold War, the UN and the Third World and global issues.

INDIGENOUS STUDIES 10 (NAT10)
(Indigenous Studies may be taken instead of History 10)

The aim of Indigenous Studies 10 is to help students develop a personal and cultural awareness of First Nations, Inuit, and Metis peoples of Canada. Students become familiar with the cultures, and traditional philosophy of Indigenous cultures, and study the pre-contact and post-contact history of European settlement in Canada. Focus is made on the spiritual, family, political, economic, educational, and social life of Indigenous peoples.

INDIGENOUS STUDIES 20
(NAT20)
Prerequisite: History 10 / Indigenous Studies 10

This course will focus on Indigenous peoples from around the world and compare their historical experiences to those of Canadian First Nations, Métis, and Inuit peoples. The major topics include imperialism, colonialism, and the relationships between Indigenous and non-Indigenous groups from 1850-present. There is also an emphasis on current events shaped by the relationship with Indigenous peoples.

HISTORY 30 (HIS30)
Prerequisite: History 10 / Indigenous 10

History 30 is a Canadian Studies program emphasizing those forces which have shaped and continue to shape the Canadian Nation. The major topics examined in the course are the land and its resources, the culture and the history of the Native peoples, the French/English Foundation of Canada in the world in the twentieth century, the depression, and Canada since 1945. There is an emphasis on current events and understanding the forces at work in modern Canada that are shaping the future of the

HISTORY 31
MODIFIED - (HIS31)
Prerequisite: History 10

This course is intended for students that want to develop their skills and comprehension while studying the themes of History 30.

LAW 30 (LAW30)
Prerequisite: History 10 / Indigenous Studies 10

Law 30 introduces the student to an academic study of the Canadian legal system as it affects one’s rights and responsibilities. Topics in this course are: the court system, criminal law, civil law, contracts, family law, wills, etc. A variety of activities such as group discussions, a court visit, guest speakers, films, mock trials, and case studies assist the student in understanding the law as it applies to everyday

PSYCHOLOGY 30 (PSY30)
Prerequisite: History 10 / Indigenous Studies 10

This course is the study of human development and the theories of human development across the time spans of human life. Students will learn about human growth and changes in behaviour associated with age, including the various stages of development from conception to old age, and will apply such knowledge to investigate issues in their everyday lives.
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2018-2019 Online Courses:

- **English** - ELA A10, B10, 20, A30, B30; Creative Writing 20, 30
- **Math** - Foundations & Pre-Calculus 10; Foundations 20, 30; Workplace & Apprentice 10, 20, 30; Mathématiques Pré-Calc 20 (French);
  Pre-Calculus 20, 30; Calculus 30
- **Social Science** - History 30; Native Studies 30
- **Science** - Biology 30; Chemistry 30; Computer Science 20, 30; Physical Science 20; Physics 30
- **Electives** - Accounting 10, 20, 30; Communications Media 20, 30;
  Communications Media (French) 20, 30; Geography 30;
  Journalism 20; Law 30; Photography 20; German 10, 20, 30;
  Photography 20, Psychology 30

As a Saskatoon Public School student, you are welcome to meet with a guidance counsellor at your home school to discuss including an online class to your timetable!

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**Junior Achievement and Entrepreneurship 30 Credit**

Students must be participating in JA Company Program (after school program) to register for this credit. Students must formally register in the credit. Students will complete 100 hours over the course of two years through their attendance in Company Program. The final mark will be based on 50% / year. Participation in a Trade Show event is not required. Students register in this option must register for the credit each year for two consecutive years in order to be eligible to receive the Entrepreneurship 30 credit. **The assigned teacher supervisor, Rick Clark, will be responsible to receive the student assessments and attendance (hours completed) from Junior Achievement and assign students a mark based on the assessment policy designated by JA and the assigned teacher supervisor.**
University of Saskatchewan
Recruitment & Admissions
(306) 966-5788 or email: admissions@usask.ca
For up-to-date admissions requirements, please visit their website: www.explore.usask.ca

University of Regina
Admissions Office Toll Free 1-800-644-4756
For up-to-date admissions requirement, please visit their website: www.uregina.ca

First Nations University of Canada
1-800-267-6303
website: www.fnuniv.ca

Saskatchewan Polytechnic Campuses
Toll Free 1-866-goSIAST
Website: www.saskpolytech.ca

Saskatchewan Indian Institute of Technologies
(306) 373-4777
Website: www.siit.sk.ca