

**Athol Murray College of Notre Dame**

**Course Selection Handbook 2010-2011**

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**Athol Murray College of Notre Dame**  
**Important Dates for 2010-2011**

August 24 <sup>th</sup>	Teachers return
August 30 <sup>st</sup>	New students register at Kenney Hall
August 31 <sup>st</sup>	Returning students register at Kenney Hall
September 1st	Semester 1 Begins
October 7 <sup>th</sup>	Thanksgiving Holiday Departure ( Classes until Noon)
October 13 <sup>th</sup>	Classes resume
November 5 <sup>th</sup>	Semester 1 interim report cards are mailed home
December 16 <sup>th</sup>	Christmas Holiday Departure ( Classes until Noon)
January 5 <sup>th</sup>	Classes resume
January 20 <sup>th</sup>	Semester 1 Exams Begin
January 28 <sup>th</sup>	Semester 2 begins
February 4 <sup>th</sup>	Semester 1 final report cards are mailed home
March 25 <sup>th</sup>	Semester 2 interim report cards mailed home
April 14 <sup>th</sup>	Easter Holiday Departure ( Classes until Noon)
April 26 <sup>th</sup>	Classes resume
June 10 <sup>th</sup>	Semester 2 Exams Begin
June 15 <sup>th</sup>	Undergraduate Departure ( no flights before 2:00p.m.)
June 18 <sup>th</sup>	Graduation Day
June 24th	Semester 2 final report cards are mailed home

**Athol Murray College of Notre Dame**  
**2010-2011**  
**Course Selection Handbook**

**How to use this handbook**

The purpose of this handbook is to help students/parents plan and choose courses for the years that they will be enrolled at Notre Dame College. Students graduating from Athol Murray College of Notre Dame graduate with a Saskatchewan high school diploma. The Saskatchewan Department of Learning in Saskatchewan is referred to as the Ministry of Education. The Saskatchewan Ministry of Education website is

[www.education.gov.sk.ca/](http://www.education.gov.sk.ca/) The information in this handbook will help you to:

- Select courses that will interest you based on their content. You must also be prepared to meet specific requirements, particularly in the performance-based courses such as Advanced Placement .
- Ensure that you have the required prerequisites. This should include planning for the future years for students not entering Grade 12.
- Ensure that you will graduate with the qualifications required for the university of your choice.

**Important notes:**

- Choose your classes carefully. The timetable is assembled based upon your initial choices. Once the schedule has been built, there is no guarantee that the changes will be possible.
- Selection of a course now does not ensure that you will be able to fit all the choices into your schedule, although every attempt will be made to accommodate you.
- The deadline for course changes is September 21<sup>st</sup>.
- Selection of specific teachers is not an option.
- Options offered may change depending on the registration numbers.

**Graduation Requirements**

The Saskatchewan Ministry of Education has outlined specific course requirements for graduation in Saskatchewan. Students at Notre Dame College must complete the Ministry requirements, but also will be expected to take additional credits. The following is information pertaining specifically to graduation requirements for Saskatchewan:

- Grade 9 is part of Division III (grades 6 through 9)
- Each course in Division IV (Grade 10-12) is worth one credit and the pass level is 50% for a credit. Each course is equivalent to 100 hours of instruction.
- For graduation, each student requires a minimum of 24 credits in Division IV, five of which must be at the grade 12 level.
- Students must have a minimum of two social science classes at the grade 11/12 level. One of the Social Science credits must be History 30 or Social Science 30.
- Students must complete one 20 or 30 science.
- Students must have two credits in arts education or the practical and applied arts. This includes Visual Art, Choral (choir), Drama, or Christian Ethics.
- Students must have a physical education credit in grade 10, 11, or 12.
- Students must complete grade 11 Math or Math 20 as the minimum math requirement for graduation. Notre Dame College recommends students complete at least Math 30A.

## Out of Province or Country Students

### Important information:

- The Saskatchewan Ministry of Education evaluates each student's *official transcript* to determine which credits they will grant based on the student's past work in grades 10, 11, or 12.
- Students selecting core French courses should refer to the core French policy in Appendix A.
- Students selecting math courses should refer to the math subject specific flowchart and the prerequisites in each course description.
- The Saskatchewan Ministry of Education will not grant a credit if you are missing the prerequisite course.
- Currently we can offer 2 English as an Additional Language (EAL) courses for credit, if a student's first language is not English.

## CHRISTIAN ETHICS

**Introduction:** Part of the human experience is the search for truth, meaning, goodness and love. The approach that the Christian Ethics department takes at Notre Dame is to try to discover and encounter truth through the pondering of one's own subjective experience and by looking at the experiences of others, especially those who have lived God-centered or Christ-centered lives. The stories of these people naturally blends in with the richness of the natural law as discovered through right reason and the revealed law contained in the Word of God and taught by the magisterium of the Church. The high school students in our classrooms are asking questions such as; "What is the meaning of life?", "Why do we suffer?", "What is authentic love?" and "What must I do to inherit eternal life?". The Christian Ethics classes we offer attempt to reveal and explain the truths about these questions and also assist and inspire our students to discover the truth to many other questions similar to these. God the Son, **Jesus Christ, is at the heart** of our curriculum and every class since he proclaims, "I am the Way, Truth and life..." (John 14:6)

**Aim:** The aim for Christian Ethics is for students to acquire and deepen their knowledge of Christ and the teachings of Christianity and in particular the teachings and life of the Catholic Church. It is hoped that this knowledge will be lived in **a life of faith, hope and charity** at that our students be witnesses to others and be at the service of Christ our King, to help build His Kingdom, "The City of God".

### Works of Mercy

The students in Christian Ethics courses will be required to serve others by doing 10 hours of Works of Mercy. The Christian Ethics department will take each student, in a rotation system, into Regina one time per year where the student will assist at several Catholic elementary schools. They will assist students with such tasks as their academics i.e. reading, physical activity and will help to feed the children who are challenged and need help in this area. The students will be rewarded five hours for their "Regina visit" and will then be required to fulfill the remaining five hours on their own but under the direction of their Christian Ethics teacher. We believe our Works of Mercy program helps our students to "**Be Christ for others and see Christ in others**".

## **The Grade 9 Program**

In Saskatchewan grade nine is part of Division III (grades 6 through 9). Although Notre Dame divides the curriculum into separate credits, grade nine credits are not granted individually. A student will graduate from grade 9 based on their overall performance throughout the school year. Students begin to collect individual credits in grade 10 (Division IV).

## **Advanced Placement Courses (AP)**

Depending on enrolment, Notre Dame will offer AP Calculus, English Literature, and Chemistry. To enroll in these courses the minimum prerequisite mark from regular stream courses is 85%. Grade 12 students enrolled in AP courses must write the AP exams in May. The cost to write each AP exam is approximately \$100. This program provides students an opportunity to demonstrate to universities they can handle a university level curriculum. AP courses are a great opportunity to enhance a student's standing in the university application process.

## Course Requirements Grade 10 -12

Grade 10	Grade 11	Grade 12
Compulsory Courses	Compulsory Courses	Compulsory Courses
English Language Arts A English Language Arts B History 10 Science 10 W/AP math 10 Foundations Math 10 Wellness 10 (Phys. Ed.) Christian Ethics 10  <b>Elective Courses:</b> Drama 10  Information processing 10  Visual Arts 10 Choral (vocal music) 10  Music 10 French 10** EALA10 EALB10	English Language Arts 20 Creative Writing 20 Christian Ethics 20  <b>At least one of:</b> Biology 20 Chemistry 20 Physics 20  <b>At least one of:</b> Math 20* Math 30A (math 20 pre-req)* Math 30B (math 30A pre-req.)*  <b>Elective Courses:</b> Visual Art 20 Communication Production Technology 20  Economics 20 History 20 Social Studies 20 Choral (vocal music) 20 Music 20 Drama 20 Physical Education 20  French 20** EAL A10 EALB10	English Language Arts A 30 English Language Arts B 30 Christian Ethics 30  Canadian Studies (History) 30  <b>Recommended Courses:</b> <b>At least one of:</b> Math 30 A* Math 30 B* Math 30 C* <b>Recommend one of:</b> Biology 30 Chemistry 30 Physics 30 <b>Elective Courses:</b> AP English Language Arts A 30***  AP English Language Arts B 30***  AP Chemistry 30***  Visual Art 30 Calculus*  AP Calculus*** Communication Production Technology 30  Economics 30 French 30** Physical Education 30 Choral (vocal music) 30 Drama 30 Music 30 Information Processing 30 Psychology 30 Law 30 EALA10 EALB10

\* Check the math course section of the handbook

\*\* Check the Core French Policy in the French Courses section

\*\*\* Pre-requisite mark of 85%.

## **Planning Your Course of Study**

All students must take the required courses for each grade level and may select any number of electives to complete their timetable. All students must take a full complement of classes (5 courses each semester), there are no spares permitted in the academic day. It is important to check the prerequisites required in each class before making your choice.

Your course selection must be based on fulfilling the Saskatchewan graduation requirements. When selecting classes, students should also consider post-secondary education interests. The entrance requirements for college and university will vary depending on the institution. College and university admission information is available on-line for each institution. Our guidance counselor at Notre Dame can also provide suggestions and information on course selection and the university admission process.

Students should also take into account their involvement in extra-curricular activities when making course selections. Leadership positions, athletics, choral, works of mercy, community service hours, and drama involvement are time commitments that must be considered.

## **Timetable**

Notre Dame operates on a semester or block system. Semester one runs from the end of August until the end of January. Semester two runs from the end of January until mid-June. Each semester a student will take 5 courses. Therefore, a student will usually finish their academic year with 10 credits.

The school day begins with school assembly every morning at 8:15 am. Classes begin at 8:35 am. Tuesday, Wednesday & Thursday after classes finish students attend a study period called Shack. Each Shack is a teacher supervised 30 minute period of time where students can take time to work on homework, study, review the day's work, etc. Shacks are multi-grade groupings of 15 to 17 students.

## **How to select your courses using the course selection sheets**

Select your courses paying attention to the graduation requirements, prerequisites, and minimum grades required. Write out the course title and the course code (found to the right of the course title) on your course planning sheet.

Example: French 10 (course title)

**FRE10 (course code)**

When using the on-line course selection from the website, click on each course you are selecting and then submit the electronic form. ***You must have a verification code from the Registrar prior to completing the electronic form. The verification code is given to all students that have been accepted to the College.***

## Course Selection Planner

Please feel free to use the course selection planner to plan your courses on your way to graduation from Notre Dame. Please enter your courses you have completed outside of Notre Dame if appropriate. Most Canadian provinces require eight courses or credits in each grade. To graduate in Saskatchewan 8 credits are also required per grade but Notre Dame requires students to take 10 credits.

### Grade 9

Math Courses: One each semester Credits

A) \_\_\_\_\_ 1.0

B) \_\_\_\_\_ 1.0

English Courses: One each semester

A) \_\_\_\_\_ 1.0

B) \_\_\_\_\_ 1.0

### **Ensure you have selected each one of the following courses**

- |   |     |
|---|-----|
| <input type="checkbox"/> Christian Ethics 9               | 1.0 |
| <input type="checkbox"/> Science 9                        | 1.0 |
| <input type="checkbox"/> Social Studies 9 is required     | 1.0 |
| <input type="checkbox"/> Physical Education 9 is required | 1.0 |
| <input type="checkbox"/> French 9 is required             | 1.0 |

(Not available to French immersion students or French as a first language students. These students are to pick another elective. Please see the Notre Dame core French policy in the French course selection)

### **Electives: Select one**

- |  |     |
|--|-----|
| <input type="checkbox"/> Computer Literacy 9 | 1.0 |
| <input type="checkbox"/> Visual Art 9        | 1.0 |
| <input type="checkbox"/> Choral 9            | 1.0 |

Total credits 10.0

**Grade 10**

Math Course(s)	Credits
A) _____	1.0
B) _____	1.0
English Course(s)	
A) _____	1.0
B) _____	1.0
History Course	
_____	1.0
Science	
_____	1.0
Physical Education	
_____	1.0
Christian Ethics	
_____	1.0
Electives:	
_____	1.0
_____	1.0
_____	
_____	
Total Credits	10.0

**Grade 11**

Math class (minimum requirement is Math 20 or grade 11 math)

A) \_\_\_\_\_ 1.0

B) \_\_\_\_\_ 1.0

English Class (minimum requirement is one credit in English)

A) \_\_\_\_\_ 1.0

B) \_\_\_\_\_ 1.0

Science Credit(s) (minimum is one of grade 11 biology, chemistry, or physics)

A) \_\_\_\_\_ 1.0

B) \_\_\_\_\_

C) \_\_\_\_\_

Christian Ethics

\_\_\_\_\_ 1.0

Social Science

\_\_\_\_\_ 1.0

Electives:

\_\_\_\_\_ 1.0

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Total 10.0 credits

**Grade 12**

Math Class (recommend at least Math A 30)

A) \_\_\_\_\_

B) \_\_\_\_\_

C) \_\_\_\_\_

English Class

A) \_\_\_\_\_ 1.0

B) \_\_\_\_\_ 1.0

Social Science (two social science credits required between grades 11 & 12)

A) \_\_\_\_\_ 1.0

Christian Ethics

A) \_\_\_\_\_ 1.0

Science Class

A) \_\_\_\_\_

B) \_\_\_\_\_

C) \_\_\_\_\_

Electives:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Total

10.0 credits

## **Grade 9 Course Selection Information**

The grade 9 program at Notre Dame is organized into required courses and elective courses. The grade 9 program is a semestered program. Grade 9 students are required to take 5 courses each semester.

### **Grade 9 Required Courses:**

Course :	Course Code:
1. Math A 9	MATA9
2. Math B 9	MATB9
3. English A 9	ELAA9
4. English B 9	ELAB9
5. Social Science 9	SOC9
6. Science 9	SCI9
7. Physical Education 9	PHE9
8. Christian Ethics 9	CHR9
9. French 9 (Not available to French immersion students or French as a first language students. These students are to pick another elective. Please see the Notre Dame core French policy in Appendix A)	

### **Grade 9 Electives (Choose 1 elective)**

Choral 9	CHO9
Visual Art 9	VIS9
Computer Literacy 9	COM9

A Sample Grade 9 Schedule (the sequencing of courses between semesters will vary):

#### **Semester 1**

Math 9 A  
Social Science 9  
Physical Education 9  
English Language Arts 9 A  
Science 9

#### **Semester 2**

Math 9 B  
Christian Ethics 9  
French 9  
English Language Arts 9 B  
One elective (Computer Literacy, Art, Choral)

## **Grade 9 Course Descriptions:**

### **English Language Arts**

**English Language Arts 9 A semester 1**

**ELAA9**

**English Language Arts 9 B semester 2**

**ELAB9**

The grade nine English course is focused on communicating ideas and experiences with clarity, correctness and emphasis.

The foundational objectives of the course will help students extend their abilities to speak, read, write, view, and represent effectively in a variety of situations for a variety of purposes.

Students will also extend their abilities by practicing the behaviours of effective, active listeners, speakers, readers, writer, viewers, and representers.

The themes in the grade nine course are fairness, love and loyalty, taking risks, setting limits, and imagining the future. The major units and topics which support these themes are: Greek mythology, writing strategies and styles, novel studies, *Romeo and Juliet*, literature circles, debating, short stories, poetry, and oral book talks.

### **Christian Ethics 9**

**CHR9**

The grade nine course features three main sections. The “Story of Pere Athol Murray and Notre Dame College” will be treated in the format of a historical study. The students will read Jack Gorman’s “Pere Murray and the Hounds” and will then be encouraged to share their “own” story. The second section of the course will also deal with the Biblical story or God’s plan of Salvation. Here, the students will encounter the God who is covenant and will then look at the 5 main biblical covenants of the Old Testament. An emphasis will also be on how to locate scripture passages and studying the different ways of interpreting and understanding scripture. The last and most important section of the course will deal with the story and person of Jesus of Nazareth. Students will study Jesus’ hidden life, his public ministry, his Proclamation of the Kingdom of God and his Redemption. A brief summary of the four gospels will be featured. Students will also try to understand how their call to be “priest, prophet and King” fits in with Jesus’ identity and mission as priest prophet and King.

### **Science 9**

**SCI9**

The study of science will help students to better understand the world in which they live. Students are encouraged to ask questions about issues that surround them in everyday life and to realize that many of their concepts and ideas about science are subject to questioning and modification, and are revised through investigation and experimentation. The course content includes units on chemical principles, fluids and pressures, heat energy, electricity and the diversity of living things. By studying these units, students develop understanding of the nature of science and technology. They learn to apply scientific concepts, principles and theories in interactions with society and the environment. Students apply the processes of science in problem solving and decision making and develop an appreciation for the relationship between science and technology.

## **Social Studies 9**

## **SOC9**

The Grade 9 Social Studies course focuses on the many ways in which ancient cultures have influenced and contributed to the way of life in Canadian society. The course is designed to help students understand the origins of specific customs and beliefs that exist within our society, how they have become engrained within our culture, and how they influence our actions and behaviours. To achieve this understanding, students will explore two major traditions that have had a major impact on the development of Canadian identity. The first of these includes traditions that developed in the Ancient Middle East and came down to us through our European roots. The second includes the cultural traditions that developed over thousands of years in North America.

## **Math**

**Math 9 A semester 1**

**MATA9**

**Math 9 B semester 2**

**MATB9**

The grade 9 math course is designed to provide students with the background needed to allow them to be successful in higher grade levels. To this end, we stress logic, reasoning and computation skills that are essential for future grades. The course is designed to develop the students' ability to apply math skills and problem solving strategies to real life situations. The course is developed around themes in integers, taxation and percentages, rational numbers, polynomials and problem solving. Students will take both Math 9 A & Math 9 B.

## **Physical Education 9**

## **PHE9**

The grade 9 physical education course provides the student with an appreciation of physical fitness and allows for participation in activities that allow the students to achieve physical well-being. The student will be exposed to numerous social, intellectual and physical issues so that they will be able to make informed decisions that will lead to a positive and healthy lifestyle. Traditional individual and team sports are supplemented with a variety of minor games, fitness and strength training to provide sound motor skills, strength and cardiovascular development. During the registration process in August, students are required to purchase 2 Notre Dame physical education uniforms (approximate cost \$90).

## **Physical Education 9 Bantam AAA**

## **PEBH9**

All students initially select physical education 9. After the bantam AAA tryouts are completed, grade 9 students playing for the bantam AAA team will be re-scheduled into Physical Education 9 Bantam AAA. The bantam AAA physical education course is a one credit course offered over both semesters. As a result, students can take one less elective because this course runs over both semesters. Because all students must initially select the regular Physical Education 9 course, you will not see the bantam AAA physical education course on the course selection sheet.

## **French 9**

## **FRE9**

The aim of core French is to enable learners to gain insight into Francophone and other cultures, to expand their awareness of language and language learning, and to develop their communicative experience in French by their participation in meaningful communicative experiences in French. The four disciplines where this is accomplished

are through speaking, understanding, reading and writing. In an effort to enhance the learning process, students take part in games, readings, worksheets, music, movies, speaking experiences and sports. (Not available to French immersion students or French as a first language students. These students are to pick another elective. Please see the Notre Dame core French policy in Appendix A)

## **Grade 9 Electives:**

### **Computer Literacy 9**

**COM9**

This course is designed to improve student use and understanding of information age technology. With a concentration on keyboarding skills, students will learn about effective access and use of technology resources. Students will use a variety of computer applications and tools including Microsoft Office (Word, Excel, PowerPoint) to explore the social, historical and ethical implications of using computer technology. They will gain a deeper understanding of technology issues, internet best practices and how advancements in this area affect the world they live in.

### **Visual Art 9**

**VIS9**

The grade 9 visual art curriculum allows the students to explore the fundamentals of art while working on projects that require greater conceptualization and imagination to complete. Drawing, painting, sketching, print-making, design and sculpturing skills are developed throughout the curriculum. A unit in art history enhances skills and appreciation of art in society. During the registration process in August, students must purchase a Notre Dame art kit that costs approximately \$30.

### **Choral 9**

**CHO9**

Music has a strong tradition at Notre Dame. The first *Notre Dame Canadians* choral group was organized in the 1930's and has continued to perform in many forms since then. In recent years, the *Canadians* have performed in Ottawa, the Kelowna Trade Fair, Winnipeg, and various public venues across Canada. This is offered as a credit class in the first semester each year. Opportunities in singing, musical instruments, and performances are offered to all students.

## **English as an Additional Language Courses:**

This program is designed to provide specific and appropriate language training for English as an Additional Language (EAL) speakers who intend to proceed to post-secondary study. EAL courses deal with practical English skills in reading, writing, speaking, and listening. Students may take 2 EAL courses in grade 10 or 11 or 12 to count towards their graduation diploma. Further EAL courses may be taken, however, they will not count as credits on the student's transcript. In grade 9, students may take up to 2 EAL courses each semester because credits are not actually granted for individual courses. Grade 9 is part of Division III and not the high school division, Division IV.

### **EAL A10L (Language Development / Curricular Support)**

**EALA10**

English as an Additional Language (EAL) classes are designed for students who require development in their English language skills in order to achieve success in academic programs where English is the language of instruction. Students in any grade may enroll in an EAL class and may be placed in up to three EAL class sections per semester. The

general class objectives are to increase students' proficiency and comfort level in using English for daily communication, for after school activities and recreational programs, and for academic programs. Students study the four language skills – listening, speaking, reading, and writing. Students work individually, in pairs, in small groups, and in large groups. Specific classroom activities vary in order to accommodate the needs of individual learners. Different groups of students or individuals may be studying different themes and concepts, depending on their skill levels. The specific course content is subject to change in response to the needs of learners.

**EAL B10L (Canadian Cultural Orientation)**

**EALB10**

EAL B10L is the second semester EAL class. This class is a continuation of EAL A10L. As in the first semester, students may be in more than one EAL class section. The goal is to improve students' fluency in listening, speaking, reading, and writing by using Canadian thematic content (Canadian geography, heritage, history, government, and culture) as a vehicle for studying and using English. The specific course content is subject to change in response to the needs of learners.

## **Grade 10 Course Selection Information**

The grade 10 program at Notre Dame is organized into required courses and elective courses. The grade 10 program is a semestered program. Grade 10 students are required to take 5 courses each semester.

### **The Grade 10 Required Courses:**

Course :	Course Code:
1. English Language Arts 10 A	ELAA10
2. English Language Arts 10 B	ELAB10
3. Workplace and Apprenticeship Mathematics 10	WAPM10
4. Foundations of Mathematics 10	FNDM10
5. Science 10	SCI10
6. Christian Ethics 10	CHR10
7. History 10	HIS10
8. Wellness 10 (Physical Education)	PHE10
9. 2 further elective courses are required	

### **Grade 10 Course Descriptions:**

#### **Workplace and Apprenticeship (Trades) 10**

**WAPM10**

This course is a pre-requisite for Workplace and Apprenticeship 20. It focuses on both the metric and imperial systems of measurement. Concepts include area of 2-D shapes and 3-D objects, games involving spatial reasoning, the Pythagorean Theorem, polygons, an introduction to trig ratios (sine, cosine and tangent), angles, pricing and currency exchange, and income.

#### **Foundations and Pre-Calculus 10**

**FNDM10**

This course is a pre-requisite for both the Foundations Math and the Pre-Calculus Math in Grade 11. It introduces and/or focuses on the following concepts: factoring, rational and irrational numbers, laws of exponents, operations with polynomials, trigonometry, relations and functions, slope, linear relations, graphing, linear systems, the metric system and imperial measurements.

#### **Christian Ethics 10**

**CHR10**

Grade ten Christian Ethics studies the community called the Church and in particular looks at the articles of the Apostles Creed and presents an introduction to the Sacraments of the Catholic Church. Who Jesus of Nazareth is (Incarnation), what he does (the Redemption) and how he lived is also an integral part of this course. In regards to the nature of the Church; its structure, mission and roles of the magisterium, ordained, religious and laity will be identified. Mary, the communion of saints and the nature of the mass will also be covered. The nature of grace and the Sacraments with a special emphasis on the Sacraments of Initiation (Baptism, Confirmation and the Holy Eucharist) and the Sacrament of Reconciliation along with a study of the “last things” will complete

the course. An introduction to Christian morality and moral issues will also be a part of the unit attached to the Sacrament of Reconciliation.

### **Science 10**

**SCI10**

The grade 10 science course integrates the study of ecology, chemistry, physics, and weather dynamics to develop an appreciation of the diversity of the scientific enterprise. Students will develop an understanding of the nature of science, its processes, and the basic principles of investigation.

### **History 10**

**HIS10**

Grade Ten History is a conceptual study of world history beginning with the fourteenth century and concluding with the dawn of the twentieth century. The focus for learning about the overall concept of social organizations and the more specific concepts investigated in the five units will be European nations and the happenings in these countries in the roughly seven hundred year listed above. However, the course will also include studies of African peoples, the indigenous people of North America, South America and the Caribbean as well as the settlers and creators of the new world.

### **English Language Arts 10**

**English Language Arts A 10**

**ELAA10**

**English Language Arts B 10**

**ELAB10**

Language is the defining characteristic of human beings and it is the base for learning, thinking, and communicating.

The goals in English Language Arts are reflected in the foundational objectives of speaking, listening, writing, reading, viewing, and representing.

English 10 is organized around themes and issues that are of interest to adolescents and focus on self, society, and what it means to be human. Within each theme and issue a variety of genres will be examined, including novels, plays, short stories, essays, film and poetry.

### **Wellness 10 (Physical Education)**

**PHE10**

Wellness is lifestyle choices we make to achieve an optimal level of well-being. It is the interaction of the mind, body, and spirit in an attempt to develop an appreciation for the development of positive lifestyle habits. The class utilizes components of physical fitness, nutrition, and fitness training. During the registration process in August, students are required to purchase 2 Notre Dame gym uniforms (approximately \$90). Students may have an off-campus experience that could cost \$10. One physical education course is required in high school to graduate from grade 12.

### **Goaltender Physical Education 10**

**PHEGT10**

All aspects of the physical education and Wellness curriculum is covered throughout this course. Goaltenders not on a AAA team in grade 10, 11, or 12 may select a one semester course that includes over 80 hours of goalie specific training. All goaltenders should select this physical education course to ensure you are able to get into the course. If a grade 10, 11, or 12 goalie makes a AAA team, their timetable is adjusted and they are moved to the AAA hockey physical education course.

### **Girls Basketball Physical Education 10**

**PHEBB10**

A physical education course offered at the grade 10, 11, and 12 levels to females. The basketball physical education course encompasses the physical education and Wellness curriculum while developing specific basketball skill development. This course is open to all females in grades 10, 11, and 12. The course is offered over one semester.

### **AAA Hockey Physical Education**

All students selecting physical education are enrolled in the traditional physical education courses at Notre Dame. After the conclusion of the AAA boys (bantam and midget) and girls (midget) tryouts, students making the AAA team are transferred into the AAA hockey physical education course with the rest of their team. The AAA hockey physical education courses are part of the regular school day. This is a one credit course that runs over both semesters and as a result students finish with one less credit than normally achieved at Notre Dame. **There is no course code given for this course and you will not find it on the course selection sheet because it is not a course students can simply select.**

### **Visual Arts 10**

**VIS10**

The objective of this class is to provide students with the instruction, tools, and supportive environment to produce hands-on art in one, two, and three dimensional media. Through projects, videos, essay, and presentations, students will develop an awareness and appreciation of the role of visual art in history and modern society. Studies in drawing, understanding colour, design, painting and ceramics are used to achieve course objectives. During the registration process in August, students must purchase a Notre Dame art kit that costs approximately \$30.

### **Music 10**

**MUS10**

In this course students will develop their skills in reading and writing musical notation as well as understanding different forms in musical composition. Students will study the history of Rock and Roll examining popular trends, changes in music and technology, and the impact music had on society. A large part of this course is personal development and study of an instrument of the student's choosing. Students will be provided with instruments, learning materials, and assistance for developing a new skill in music. There is no previous musical training or knowledge needed to enjoy and be successful in this class.

### **Choral 10 (Vocal Music)**

**CHO10**

Music has a strong tradition at Notre Dame. The first *Notre Dame Canadians* choral group was organized in the 1930's and has continued to perform in many forms since then. In recent years, the *Canadians* have performed in Ottawa, the Kelowna Trade Fair, Winnipeg, and various public venues across Canada. This is offered as a credit class in the first semester each year.

### **Drama 10**

**DRA10**

As an Arts Education program, Drama 10 enables students to understand and value arts expressions throughout life. This course consists of: Orientation, Group Process Abilities, Dramatic Understandings and Abilities, and Theatre Study. The course includes various

drama disciplines such as: improvisation, speech, movement, audience experience, and theatre history. The Drama 10 course may also include: Scriptwriting, Directing, and Technical Theatre components. This course is also complimented by extracurricular involvement in the Notre Dame Drama Club.

### **Information Process 10**

**IPR10**

This course is designed to develop a skill set using technology in the areas of written communication, data organizing and presentation. Students will use a variety of Microsoft Office products including Word, Excel, Access, PowerPoint and Publisher. They will also explore internet research techniques, e-mail and e-mail etiquette, Adobe PhotoShop and written communication skills through a mail-merge project. There is no prerequisite for this course, but it keyboarding experience is recommended.

### **French 10**

**FRE10**

Continuing the development of the French culture and global awareness, the grade 10 course includes four component learning disciplines. The disciplines are communication, culture, general language formation and linguistic language components. Vocabulary grammar skills learned in grade 9 will be reviewed and enhanced in the grade 10 class. (Not available to French immersion students or French as a first language students. These students are to pick another elective. Please see the Notre Dame core French policy in Appendix A)

### **English as an Additional Language (EAL)**

This program is designed to provide specific and appropriate language training for English as an Additional Language (EAL) speakers who intend to proceed to post-secondary study. EAL courses deal with practical English skills in reading, writing, speaking, and listening. Students may take 2 EAL courses to count towards their graduation diploma. Further EAL courses may be taken, however, they will not count as credits on the student's transcript.

### **EAL A10L (Language Development / Curricular Support)**

**EALA10**

English as an Additional Language (EAL) classes are designed for students who require development in their English language skills in order to achieve success in academic programs where English is the language of instruction. Students in any grade may enroll in an EAL class and may be placed in up to three EAL class sections per semester. The general class objectives are to increase students' proficiency and comfort level in using English for daily communication, for after school activities and recreational programs, and for academic programs. Students study the four language skills – listening, speaking, reading, and writing. Students work individually, in pairs, in small groups, and in large groups. Specific classroom activities vary in order to accommodate the needs of individual learners. Different groups of students or individuals may be studying different themes and concepts, depending on their skill levels. The specific course content is subject to change in response to the needs of learners.

## **EAL B10L (Canadian Cultural Orientation)**

## **EALB10**

EAL B10L is the second semester EAL class. This class is a continuation of EAL A10L. As in the first semester, students may be in more than one EAL class section. The goal is to improve students' fluency in listening, speaking, reading, and writing by using Canadian thematic content (Canadian geography, heritage, history, government, and culture) as a vehicle for studying and using English. The specific course content is subject to change in response to the needs of learners.

## **Grade 11 Course Selection Information**

### **Grade 11 Required Courses:**

Course:

1. English Language Arts 20
2. Christian Ethics 20
3. Creative Writing 20

Course Code:

ELA20  
CHR20  
CRW20

4. At least one of the following Sciences:

Biology  
Chemistry  
Physics

BIO20  
CHM20  
PHY20

5. Math 20 (grade 11 math) is the minimum requirement for graduation in Saskatchewan. Students must have grade 11 math at Notre Dame. **We recommend at least one of the following depending on your prerequisite math courses and in fact suggest taking a math course each semester:**

Math 20 (grade 11)	MAT20
Math A 30 (grade 11 or Math 20 is a prerequisite)	MATA30
Math B 30 (Math A 30 or grade 12 math is a prerequisite)	MATB30

6. Students require two senior (grade 11 and or 12) social science courses to graduate. We recommend at least one grade 11/12 social science be taken in grade 11.

### **Grade 11 Electives:**

**Students are required to ensure they have selected a total of 10 courses.** The number of electives will vary amongst students depending on a number of factors. Students are required to select enough electives so the total number of classes they are taking will total 10.

## **Grade 11 Course Descriptions:**

### **English Language Arts 20**

**ELA20**

English Language Arts 20 recognizes that language is basic to thinking and learning in all cultures, just as thinking is central to all modes of language use. English language arts 20 program develops students' speaking, listening, writing, reading, representing, and viewing knowledge, skills, and strategies. It also fosters a positive attitude about language, language learning, and the self as a language learner. This course provides interesting and meaningful listening, speaking, reading, writing, viewing, and representing activities that engage and enable all students to become confident and competent language users. Students actively use the language arts, they engage in three kinds of language learning:

1. Students learn language through experiences with language.
2. Students learn about language (i.e., elements, conventions, and processes) as they speak, listen, write, read, view, and represent.
3. Students learn through language by using it to learn about life, literature, and language itself. Prerequisite is grade 10 English.

### **Creative Writing 20**

**CRW20**

Creative Writing 20 provides opportunities for students to refine their creative writing skills and abilities beyond those developed in the required English Language Arts courses. This course encourages students to see creative writing as a unique way of thinking, and as a means of constructing and conveying meaning. Students in Creative Writing 20 are encouraged to explore and develop their own ideas. They are also encouraged to explore many different ways of conveying meaning through writing, and to see how methods and styles vary within cultures and time periods. Through experiences in creative writing, students are encouraged to see connections between their own writing, the writing of others, and the broader world around them.

### **Christian Ethics 20**

**CHR20**

Grade eleven Christian Ethics tackles the main topic of Christian morality. Here the students will look at Christianity and the philosophies that differ from Christianity but no doubt influence our culture. The three foundation principles of Christian Ethics will then be studied: Rooted in Jesus Christ, Powered by the Holy Spirit and for the greater Glory of God the Father. The students will then study the basics of morality by examining the nature of human acts, free will, conscience, the law and the concepts of freedom and goodness. An explanation of Reason and Revelation as the sources for moral knowledge will also be explored. Sin, Grace and the Virtues will then lead into a treatment of Christ's Beatitudes and the Old Testament Law, the Ten Commandments. A priority throughout the course will also be to pull out the example of love, virtue and spirituality from the lives of the Saints e.g. how they lived out their vocations. The students will each do an individual written report and oral presentation on a Saint. Christ's New Commandment will be the overriding theme of the course and as the students study ways to keep the commandments and understand what it means to break the commandments, the question "What is the loving thing to do" will be pondered. Specific moral issues like: the "Lord's Day" obligation, abortion, "speech toward God and other", "the just war theory", actions toward the poor and sexual morality will also be treated in a careful

manner. In regards the unit on sexual morality, the students will be using language from John Paul II's Theology of the body.

### **Mathematics 20**

### **MAT20**

The Math 20 course provides students with the basic elements required to progress through the mathematics curriculum. The content includes irrational numbers, probability, polynomials and rational expressions, quadratic equations, quadratic functions, congruent triangles, similar polygons, area, volumes, and circles. Prerequisite is grade 10 math. Students are recommended to purchase a Ti-83 calculator.

### **Math A 30**

### **MATA30**

The Math A 30 course is the first of the grade 12 math classes designed to supply students with the basics in polynomials and rational expressions, rational expressions and equations, systems of linear equations, exponents and radicals, functions, relations and variations, linear and quadratic functions, permutations and combinations, trigonometry, and data analysis. The prerequisite is grade 11 math with a minimum of 60% or Mathematics 20 with a minimum of 60%. Students are recommended to purchase a Ti-83 calculator.

### **Biology 20**

### **BIO20**

This course is an introduction to the biological sciences with an emphasis on the basic concepts and vocabulary of Biology. The course stresses the interrelationships and differences among facts, theories, observations, interpretations, and experimentation. The course content includes: major theories of Biology, microscope work, ecological relationships, population studies, a survey of the major kingdoms of organisms, immunity and disease, and agricultural botany. Laboratory dissections of a variety of animal types will be done in the survey of the animal kingdom. Prerequisite is grade 10 science.

### **Chemistry 20**

### **CHM20**

Chemistry 20 is an introduction to chemistry. The student will study the structure of matter, principles of chemical reactions, stoichiometry, properties of gases, the development and use of the periodic table as well as some organic chemistry. Units include introduction to chemistry, atoms and elements, periodic table and its properties, molecules and compounds, chemical reactions, mole concept and stoichiometry, gases and solutions, and organic chemistry. Prerequisite is grade 10 science.

### **Physics 20**

### **PHY20**

This introductory course examines the topics of light, waves, and thermal energy. The main focus of the course is to not only understand the main concepts associated with these topics, but to apply math in order to make predictions and solve problems as well. This is where the real challenge begins as students must learn various concepts and then choose the correct mathematical process to solve each one, rather than just simply solving for "x". There are a number of labs throughout the course used primarily to give the students a hands-on approach in discovering basic concepts. Prerequisite is grade 10 science.

**Economics 20****ECO20**

The intent of this course is to develop an individual understanding of economic policies nationally and internationally. Some topics covered are scarcity and decision-making, resources and production, business organizations, labour unions, income and distribution, money and banking, government and the economy and economic growth and international trade.

**History 20****HIS20**

The themes of this course are centered on global issues of the 20<sup>th</sup> century. Areas of study include international confrontation and co-operation, global interactions during the inter-war period and the Second World War, the rise and interactions of the superpowers and contemporary global interactions. The students will gain an understanding of the world in revolution and change, the way in which past events have affected their lives today and modern global issues.

**Social Studies 20****SOC20**

The aim of Social Studies is to study people and their relationships with their social and physical environments. The goal of Social Studies 20 is to help students understand some of the major issues facing humanity into the 21<sup>st</sup> century. Students will examine issues such as human rights, poverty, population growth and the environment. Each unit will provide students with an opportunity for an in depth look at significant events relating to these issues, both current and historic.

**French 20****FRE20**

The aim of the 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 communicative competence in French by their participation in meaningful communicative experiences in French. The class will provide a learning environment that will contribute to the global education of learners and allow them to enrich their personal experiences through rich, significant and authentic communicative situations. The pre-requisite is grade 10 French. (Not available to French immersion students or French as a first language students. These students are to pick another elective. Please see the Notre Dame core French policy in Appendix A)

**Communication Production Technology****CPT20**

This course is designed to develop students' understanding of important technology knowledge, skills, and abilities required in the creation of audio, video, and multimedia products including participation in one or more production projects. Examples would include short projects such as sports videos, commercials, documentaries and publications (brochures, event programs, menus) Students will also be involved in web page design. Post production activities may be minimal at

**Visual Arts 20****VIS20**

Students are provided with opportunities to explore and master a variety of media in multi-dimensional forms. Students will be exposed to the role of art in an attempt to increase awareness of and appreciation for the influence of art on culture. Students will be guided through a variety of creative problem solving skills, necessary for the

development of personal ideas. Drawing, colour theory, painting, and independent project design are areas where the objectives of the course are met. During the registration process in August, students must purchase a Notre Dame art kit that costs approximately \$30.

### **Music 20**

### **MUS20**

In this course students will study the history of jazz music, popular trends, changes in music technology, as well as the impact of music on society. Students will examine music in the context of popular culture focusing on music videos, film, and music in advertising. Students will also develop their skills in reading and writing musical notation as well as understanding different forms in musical composition. A large part of this course is the personal development and study on an instrument of the student's choosing. Students are provided with instruments, learning materials, and assistance for developing a new skill in music. There is no previous musical training or knowledge needed to enjoy and be successful in this class.

### **Choral 20 (Vocal Music)**

### **CHO20**

Music has a strong tradition at Notre Dame. The first *Notre Dame Canadians* choral group was organized in the 1930's and has continued to perform in many forms since then. In recent years, the *Canadians* have performed in Ottawa, the Kelowna Trade Fair, Winnipeg, and various public venues across Canada. This is offered as a credit class in the first semester each year. Opportunities in singing, musical instruments, and performances are offered to all students.

### **Drama 20**

### **DRA20**

As an Arts Education program, Drama 20 enables students to understand and value arts expressions throughout life. This course consists of: Orientation, Group Process Abilities, Dramatic Understandings and Abilities, and Theatre Study. The course includes various drama disciplines such as: improvisation, speech, movement, characterization, audience experience, theatre history, and script analysis. The Drama 20 course may also include: Scriptwriting, Directing, and Technical Theatre components. This course is also complimented by extracurricular involvement in the Notre Dame Drama Club.

### **Physical Education 20**

### **PHE20**

This course is designed to provide students with a wide range of recreational and sporting activities with the purpose of achieving a personal level of success and confidence to pursue these activities on their own. Students are exposed to a variety of team and individual sports and games providing an increase in skill development and fitness levels. During the registration process in August, students are required to purchase 2 Notre Dame gym uniforms (approximately \$90). Students may have an off-campus experience that could cost \$10. One physical education course is required in high school to graduate from grade 12.

### **Goaltender Physical Education 20**

### **PHEGT20**

All aspects of the physical education and Wellness curriculum is covered throughout this course. Goaltenders not on a AAA team in grade 10, 11, or 12 may select a one semester course that includes over 80 hours of goalie specific training. All goaltenders should

select this physical education course to ensure you are able to get into the course. If a grade 10, 11, or 12 goalie makes a AAA team, their timetable is adjusted and they are moved to the AAA hockey physical education course.

### **Girls Basketball Physical Education 20**

**PHEBB20**

A physical education course offered at the grade 10, 11, and 12 levels to females. The basketball physical education course encompasses the physical education and Wellness curriculum while developing specific basketball skill development. This course is open to all females in grades 10, 11, and 12. The course is offered over one semester.

### **AAA Hockey Physical Education**

All students selecting physical education are enrolled in the traditional physical education courses at Notre Dame. After the conclusion of the AAA boys (bantam and midget) and girls (midget) tryouts, students making the AAA team are transferred into the AAA hockey physical education course with the rest of their team. The AAA hockey physical education courses are part of the regular school day. This is a one credit course that runs over both semesters and as a result students finish with one less credit than normally achieved at Notre Dame. **There is no course code given for this course and you will not find it on the course selection sheet because it is not a course students can simply select.**

### **English as an Additional Language (EAL)**

This program is designed to provide specific and appropriate language training for English as an Additional Language (EAL) speakers who intend to proceed to post-secondary study. EAL courses deal with practical English skills in reading, writing, speaking, and listening. Students may take 2 EAL courses to count towards their graduation diploma. Further EAL courses may be taken, however, they will not count as credits on the student's transcript.

### **EAL A10L (Language Development / Curricular Support)**

**EALA10**

English as an Additional Language (EAL) classes are designed for students who require development in their English language skills in order to achieve success in academic programs where English is the language of instruction. Students in any grade may enroll in an EAL class and may be placed in up to three EAL class sections per semester. The general class objectives are to increase students' proficiency and comfort level in using English for daily communication, for after school activities and recreational programs, and for academic programs. Students study the four language skills – listening, speaking, reading, and writing. Students work individually, in pairs, in small groups, and in large groups. Specific classroom activities vary in order to accommodate the needs of individual learners. Different groups of students or individuals may be studying different themes and concepts, depending on their skill levels. The specific course content is subject to change in response to the needs of learners.

### **EAL B10L (Canadian Cultural Orientation)**

**EALB10**

EAL B10L is the second semester EAL class. This class is a continuation of EAL A10L. As in the first semester, students may be in more than one EAL class section. The goal is to improve students' fluency in listening, speaking, reading, and writing by using

Canadian thematic content (Canadian geography, heritage, history, government, and culture) as a vehicle for studying and using English. The specific course content is subject to change in response to the needs of learners.

## **Grade 12 Course Selection Information**

### **Grade 12 Required Courses:**

Course:

1. English Language Arts A 30
2. English Language Arts B 30
3. Canadian History 30
4. Christian Ethics 30

Course Code:

ELAA30  
ELAB30  
HIS30  
CHR30

Students are required to ensure they have selected a total of 10 courses. Which means students will select 6 more courses. Our students do not have spares in their timetable.

### **Grade 12 Course Descriptions:**

#### **English Language Arts A 30**

**ELAA30**

English Language Arts A 30 is organized around themes that focus on Canadian literature and society. Themes in this curriculum are: Canada-Diverse Landscapes and Peoples, which explores sub-themes of a vast and varied land, nature and the seasons, regional landscapes, identity and diversity, personalities and values and; Canada-Diverse Voices, with sub-themes that include aboriginal voices, voices through time, regional voices, female, male and marginalized voices.

#### **English Language Arts B 30**

**ELAB30**

English Language Arts B 30 is an issue-oriented course that is organized around human concerns in a global society. The course examines global perspectives using traditional and contemporary world literature in a comparative manner. Issue-based units in this curriculum are The Human Condition- In Search of Self. Related Issues in this area include identity and sense of self, human qualities and ideals, human relationships, joy and inspiration and doubt and fear. The second part of the course looks at the Social Experience-Beyond Personal Goals. Related issues include individual and social responsibility, truth and justice, ambition, power and the common good, social criticism, causes, and crusades.

#### **AP English Literature 30 (A & B)**

**ELA30X**

This is a two credit course for students who exhibit exceptional skills in effective writing and critical thinking. The AP ELA course is an enhanced version of the ELA A and B courses. Summer reading will be required to fulfill the course requirements. English 20 is a prerequisite with a minimum of 85% or grade 11 English with a minimum of 85%.

#### **Christian Ethics 30**

**CHR30**

Grade twelve Christian Ethics is divided into three parts. The first part of the course is entitled "Athol Murray and the philosophy of Notre Dame College". Here, the students will examine the life and times of Pere Murray, main architect of Notre Dame. Students

will be brought to an awareness of his achievements and struggles and will be probed as to find out why he had such faith despite his many crosses. The objective of the unit is for the students to emulate or to take some of the truths discovered from Pere's life and apply them to their own lives. The unit will also briefly review basic Christian beliefs and challenge the students to the "remote human possibility" of their call to be a Saint.

The second section of Christian Ethics 30 is a basic study of the World's religions and in particular the monotheistic religions represented in Notre Dame's Tower of God. The students will study the creeds, codes and cults of these religions and seek to appreciate the truths that all religions and spiritualities offer.

The last and largest section of Christian Ethics 30 is a treatment of Christian lifestyles and Vocations. Here, a comparison will be made between the "New Paganism" of the current century vs. the Judeo-Christian religion. The person of Jesus Christ and his claim to be the Son of God will be examined. An analysis and application of Christ as the "Way, Truth and Life..." will also be explored. The students will then take what John Paul II calls a "subjective turn" to discover and understand the truths about the nature of God and the human person. The realities of "God as a family", the human person as an image of God and Christian marriage as an icon of the Holy Trinity will be studied. A specific treatment on the Nature of Love, relationships, sex, marriage and the Family and celibacy will also be examined. A synthesis of John Paul II's "The Family in the Modern World" will be looked at with the four tasks of the family being the main area of concentration. "Faithful, Fruitful, Forever" and the nature of covenant love as the foundation realities of marriage will be treated. The students will study the Christian response to the moral realities of divorce, annulments, abortion and natural and artificial means of regulating birth. To conclude, a treatment of the vocation to the religious life will also complement the previous study on the married life and what it means to be "Christian and single". The truth of the richness of God's Mercy and Forgiveness will be a constant theme hovering over the whole course.

### **History 30**

### **HIS30**

History 30 is a survey course of Canadian History which covers Canadian History from the time of the first contact between the Europeans and the First Nations up until the present day. We study Canada and the world today through in-depth discussions of current events. We attempt to understand what it means to be a Canadian and what constitutes Canada today. Parliamentary debates are an important part of our course. Students learn about Canada's Parliamentary system while taking on a roll of a member of parliament to debate current political topics.

We study the History of Canada to understand how the nation has evolved to where it is now, and how events from the past have impacted Canada today. Canada's "coming of age" is followed through our democratic evolution and our roll on the world stage as an independent country. We also learn about the Leaders and personalities from Canada's past and we attempt to create a sense of pride and appreciation for our history. This course counts towards the social science graduation requirements.

**Economics 30****ECO30**

This course develops an understanding and appreciation of the international Economy and its interrelationships with the Saskatchewan and Canadian economies, its operation, and problems encountered. Unit study includes economic settings, the economy of Canada, international economics and the economy of Saskatchewan. There is also a study of modern issues such as electronic retail and foreign aid. This course counts towards the social science graduation requirements.

**Psychology 30****PSY30**

The focus of this course is human development. Developmental psychology is the field of psychology that focuses on human development across the life span. Students will learn about human growth and changes in behaviour associated with age, including the various stages of development from infancy through childhood, adolescence, adulthood and old age. As well, students will learn how psychological studies are conducted, and engage in studies of their own. Students will be encouraged to re-assess preconceived ideas and prejudices, and begin to discover how psychological theories, methods and studies lead to greater understanding of how, in general, humans think, feel and behave relative to each stage of development. This course counts towards the social science graduation requirements.

**Law 30****LAW30**

Law is considered to be part of social science education, which refers to the disciplines that deal with the characteristic elements of human society. The Law 30 course is designed to assist students to become active, informed and productive citizens who know and understand their legal rights and responsibilities. Through the course, students develop an understanding of the concept of rule of law, and learn that the law reflects, and is shaped by, society's values and attitudes regarding social and human relationships. The course begins by developing students' understanding of the abstract nature of law, its sources and purposes. The abstract nature of law is made relevant through study of the concrete application of law to current legal issues in Canada and the global community. Topics addressed include foundations of Canada's legal system, criminal and civil law, family law, employment and labour law, contract and consumer law, environmental law and international law. This course counts towards the social science graduation requirements.

**Math A 30****MATA30**

The Math A 30 course is the first of the grade 12 math classes designed to supply students with the basics in polynomials and rational expressions, rational expressions and equations, systems of linear equations, exponents and radicals, functions, relations and variations, linear and quadratic functions, permutations and combinations, trigonometry, and data analysis. The prerequisite is grade 11 math with a minimum of 60% or Mathematics 20 with a minimum of 60%. Students are recommended to purchase a Ti-83 calculator.

**Math B 30****MATB30**

Math B 30 is an examination of concepts in the areas of complex numbers and quadratic equations, polynomial and rational functions, exponential and logarithmic functions,

probability, matrices, and data analysis. The prerequisite is Math A 30 with a minimum of 60% or grade 12 math with a minimum of 60%. Out of province students will be required to take Math A 30 or Pre-AP Math A 30 unless they have completed grade 12 math. Students are recommended to purchase a Ti-83 calculator.

### **Math C 30**

### **MATC30**

The Math C 30 course is the final section in the regular grade 12 math program. The course content covers introductory section to trigonometry, applied trigonometry, conic sections, and mathematical proof. The minimum prerequisite is Math A 30 with a minimum of 60% or grade 12 math with a minimum of 60%. Although not recommended, Math B 30 and Math C 30 can be taken concurrently. Students are recommended to purchase a Ti-83 calculator.

### **Calculus 30**

### **CAL30**

This course develops the students' understanding of the concepts of calculus and provides experience with its methods and applications. The course emphasizes study in functions, derivatives, applications of derivatives, anti-derivatives and integrals. The prerequisites are Math B 30 with a minimum of 60% or grade 12 math with a minimum of 60%. Students are recommended to purchase a Ti-83 calculator.

### **AP Calculus AB**

### **CAL30X**

This course is essentially a first year university calculus course and an enhanced version of Calculus 30. The course is concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. This course emphasizes the topics of being able to work with functions, understanding the meaning of derivatives, definite and indefinite integrals, understanding the relation between integration and differentiation, and solving problems using differential and integral calculus. Students must have completed at least Math B 30 with a final average of 85% or grade 12 math with a final average of 85%. Students are recommended to purchase a Ti-83 calculator.

### **Biology 30**

### **BIO30**

This course examines the biology of organisms from molecular and cellular viewpoints. Topics in biochemistry include: proteins, lipids, carbohydrates, nucleic acids, and enzyme activity. Students then proceed to study bioenergetics with an emphasis on cellular respiration and photosynthesis. Cell structures and functions are developed through extensive microscope work. DNA structure, replication, and protein synthesis form a basis for the understanding of genetics, genetic technologies and evolutionary theory. These major principles of Biology are then used to develop an understanding of several animal systems: nutrition, transport, nervous and chemical co-ordination, and reproduction. Grade 10 science is a prerequisite with a minimum of 60%. It is recommended that students take Biology 20 or grade 11 biology prior to taking Biology 30.

### **Chemistry 30**

### **CHM30**

In this course, the student continues the study of selected chemical reactions first introduced in the Chemistry 20 course. The course content includes a detailed study of

solutions and solubility, reaction types, energy kinetics, reaction mechanisms, equilibrium, acid/base theory, oxidation-reduction, and electrochemistry. Each student in this course will complete a major project on a selected topic in the final term. Laboratory work and activities assist in the development of the concepts studied.

### **AP Chemistry 30**

AP Chemistry 30 extends the Chemistry 30 Curriculum to include greater lab work. AP Chemistry is offered at the first year university level. Students are required to write the AP Chemistry exam in May. Students must have a pre-requisite grade of 85% in Chemistry 20 or grade 11 Chemistry.

### **CHM30X**

### **Physics 30**

Physics is a math oriented course that explores in great depth units in kinematics and dynamics, application theories of kinematics and dynamics, mechanical energy and conservation of energy and energy systems, electricity, magnetism, electromagnetism, and nuclear physics. Physics 20 or Math A 30 is a prerequisite with a minimum average of 70%.

### **PHY30**

### **Information Processing 30**

Info Processing focuses on gaining competence in the more advanced functions in Microsoft Office (word processing, spreadsheets and databases). We also do a small unit on web page design and some exposure to JavaScript (inter-active web programming). The course content also includes current electronic world issues and problems – the students will analyze these issues, and make recommendations with respect to values and proper conduct when using computers and the internet. The objective of this course is to provide students the avenue to improve and master their skills using technology in areas which will enhance their marketability for future endeavors – be it the work force or post secondary education. These are life skills in today's world and will be of value, no matter what the student chooses to do. The course is designed to be very "hands-on" in nature. A recommended prerequisite is Information Processing 20.

### **IPR30**

### **Communication Production Technology 30**

Students will be involved in one or more major projects that may focus on either audio, video, or multimedia production or a combination of these. For example, one class or group of students may focus on audio production and may record and produce a music CD or develop and broadcast a radio drama or sporting event. Another class or group of students may focus on video production and may develop a DVD to be showcased at a school recognition event. Another class or group of students may focus on multimedia production and may develop an interactive website, or present an advanced level multimedia presentation to members of the community. It is expected that students will engage in more sophisticated post-production activities at Level 30.

### **CPT30**

### **French 30**

The aim of the 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 communicative competence in French by their participation in meaningful communicative experiences in French. The year will include three work

### **FRE30**

units which integrates components of communication, culture, general language formation and linguistic language. The required prerequisite is grade 11 French or French 20. (Not available to French immersion students or French as a first language students. These students are to pick another elective. Please see the Notre Dame core French policy in Appendix A)

### **Choral 30 (Vocal Music)**

### **CHO30**

Music has a strong tradition at Notre Dame. The first *Notre Dame Canadians* choral group was organized in the 1930's and has continued to perform in many forms since then. In recent years, the *Canadians* have performed in Ottawa, the Kelowna Trade Fair, Winnipeg, and various public venues across Canada. This is offered as a credit class in the first semester each year. Opportunities in singing, musical instruments, and performances are offered to all students.

### **Drama 30**

### **DRA30**

As an Arts Education program, Drama 30 enables students to understand and value arts expressions throughout life. This course consists of: Orientation, Group Process Abilities, Dramatic Understandings and Abilities, and Theatre Study. The course includes various drama disciplines such as: improvisation, speech, movement, characterization, audience experience, and theatre history. The Drama 30 course may also include: Scriptwriting, Directing, and Technical Theatre components. This course is also complimented by extracurricular involvement in the Notre Dame Drama Club.

### **Visual Art 30**

### **VIS30**

The objectives of this course are to provide guidance for honing hands-on skills in a variety of media, developing an awareness and appreciation for the role of visual art in society and to challenge the students to develop their own ideas through problem solving, research, experimentation, and hand-on projects. The content involves a review of basic drawing skills, the use of colour and colour media, ceramics, painting, printmaking, and design basics. Students will be expected to develop an independent project. During the registration process in August, students must purchase a Notre Dame art kit that costs approximately \$30.

### **Music 30**

### **MUS10**

In grade 12 the music/drama course is divided into three main sections. In the first portion of the class, students their skills in reading and writing musical notation. The second part of the course is personal development and study on an instrument of the student's choosing. They will be provided with instruments, learning materials, and assistance for developing a new skill in music. The final portion of this course focuses on cultural music. Students will be exposed to a variety of music from different cultures in the world and more particularly in Canada. There is no previous musical training or knowledge needed to enjoy and be successful in this class.

### **Physical Education 30**

### **PHE30**

This course is structured so students will be introduced to lifestyle activities that will encourage physical well being and continuation of the activities when making positive lifestyle choices. Students will be exposed to concepts of physical fitness, wellness of the body, mind, spirit, and individual and team sports. One physical education course is

required in high school to graduate from grade 12. During the registration process in August, students are required to purchase 2 Notre Dame gym uniforms (approximately \$90). Students may have an off-campus experience that could cost \$10.

### **Goaltender Physical Education 30**

**PHEGT30**

All aspects of the physical education and Wellness curriculum is covered throughout this course. Goaltenders not on a AAA team in grade 10, 11, or 12 may select a one semester course that includes over 80 hours of goalie specific training. All goaltenders should select this physical education course to ensure you are able to get into the course. If a grade 10, 11, or 12 goalie makes a AAA team, their timetable is adjusted and they are moved to the AAA hockey physical education course.

### **Girls Basketball Physical Education 30**

**PHEBB30**

A physical education course offered at the grade 10, 11, and 12 levels to females. The basketball physical education course encompasses the physical education and Wellness curriculum while developing specific basketball skill development. This course is open to all females in grades 10, 11, and 12. The course is offered over one semester.

### **AAA Hockey Physical Education**

All students selecting physical education are enrolled in the traditional physical education courses at Notre Dame. After the conclusion of the AAA boys (bantam and midget) and girls (midget) tryouts, students making the AAA team are transferred into the AAA hockey physical education course with the rest of their team. The AAA hockey physical education courses are part of the regular school day. This is a one credit course that runs over both semesters and as a result students finish with one less credit than normally achieved at Notre Dame. There is no course code given for this course and you will not find it on the course selection sheet because it is not a course students can simply select.

### **English as an Additional Language (EAL)**

This program is designed to provide specific and appropriate language training for English as an Additional Language (EAL) speakers who intend to proceed to post-secondary study. EAL courses deal with practical English skills in reading, writing, speaking, and listening. Students may take 2 EAL courses to count towards their graduation diploma. Further EAL courses may be taken, however, they will not count as credits on the student's transcript.

### **EAL A10L (Language Development / Curricular Support)EALA10L**

English as an Additional Language (EAL) classes are designed for students who require development in their English language skills in order to achieve success in academic programs where English is the language of instruction. Students in any grade may enroll in an EAL class and may be placed in up to two EAL class sections per semester. The general class objectives are to increase students' proficiency and comfort level in using English for daily communication, for after school activities and recreational programs, and for academic programs. Students study the four language skills – listening, speaking, reading, and writing. Students work individually, in pairs, in small groups, and in large groups. Specific classroom activities vary in order to accommodate the needs of individual learners. Different groups of students or individuals may be studying different

themes and concepts, depending on their skill levels. The specific course content is subject to change in response to the needs of learners.

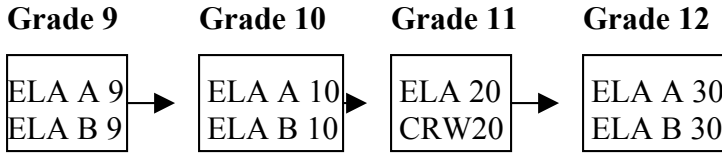
**EAL B10L (Canadian Cultural Orientation)**

**EALB10L**

EAL B10L is the second semester EAL class. This class is a continuation of EAL A10L. As in the first semester, students may be in more than one EAL class section. The goal is to improve students' fluency in listening, speaking, reading, and writing by using Canadian thematic content (Canadian geography, heritage, history, government, and culture) as a vehicle for studying and using English. The specific course content is subject to change in response to the needs of learners.

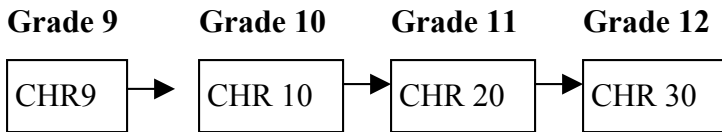
## Subject Specific Flowcharts

### English Language Arts (ELA)



Students entering Notre Dame from outside the province typically take one English course per academic school year. Saskatchewan Learning has been granting 2 ELA credits for English courses taken in other provinces. For example, if a student took grade 10 English in Alberta, they would be granted ELA A & B for credit.

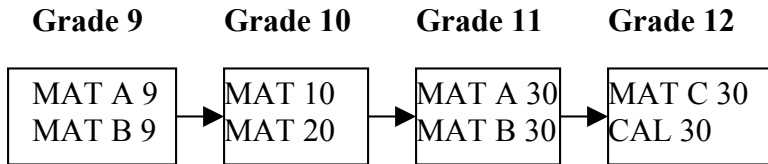
### Christian Ethics (CHR)



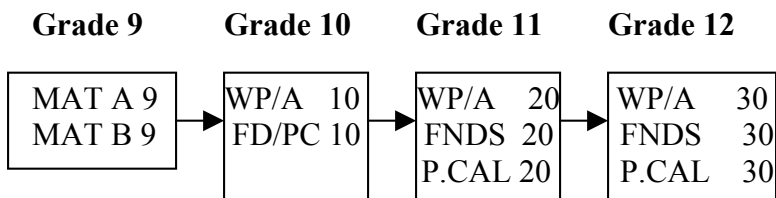
### Mathematics

The math flow chart is created based on a student entering Notre Dame in grade 9. For out of province students it is critical to follow the prerequisites. Saskatchewan Learning will not grant credits if a student has not completed the prerequisite. For example, if a student had completed grade 10 math in British Columbia and should take Math 20 but selected Math A 30, the student would not receive a credit for completing the Math A 30 before completing Math 20.

The minimum level of math to graduate in Saskatchewan is Math 20 or grade 11 math.

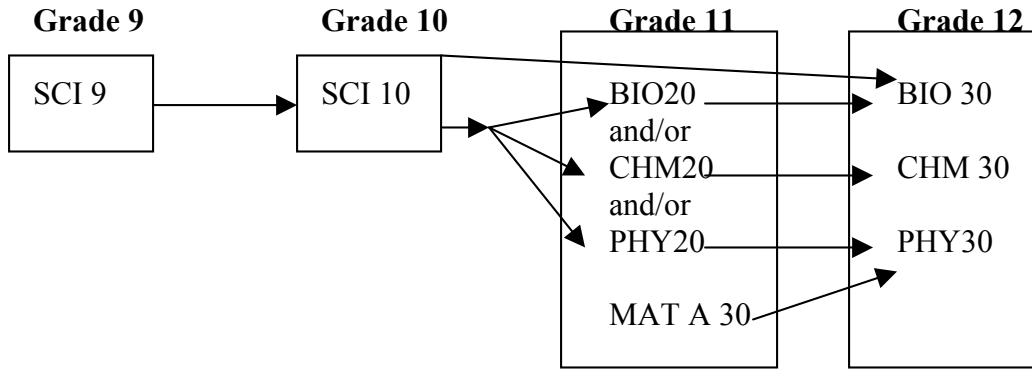


Students entering Grade 10 in 2010



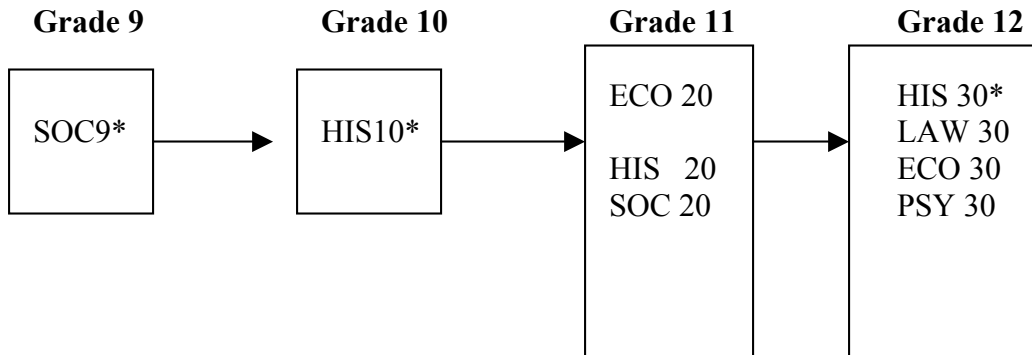
## Science

Students must have grade 9 science, grade 10 science and at least one 20 or 30 science credit to graduate in Saskatchewan.



## Social Science

Students are required to take Social Science 9, History 10, and two social science credits from the grade 11 & 12 social science courses. We recommend at least one social science is taken in grade 11 and one in grade 12.



History 10 is the prerequisite course for the grade 11 and 12 social science courses. We recommend that students attempt the 20 level courses in grade 11 and the 30 level courses in grade 12 due to the standard of writing expected in the 30 level courses.

\*Indicates a required course.

## Appendix A

### **Policy Section**

#### **Core French Policy:**

At Athol Murray College of Notre Dame we offer a grade 9 through 12 core French program. The core French program begins in grade 9 building basic French language skills. As students move through the French program, they continue to work on their French language skills. The program is not designed to accommodate students whose first language is French or students coming from a French immersion program.

As a result, we will waive the required French language course in grade 9 for students whose first language is French or students that have participated in a French immersion program in grade 6, 7, or 8. Students would take an alternative elective in grade 9 to substitute for the required French credit.

Students whose first language is French or students coming from a French immersion program in grade 7, 8, 9, 10, 11 or 12 are not eligible to take the French 10, 20 or 30 credits. Students who have great strengths with the French language would benefit more from taking an elective that would further broaden their knowledge base.

**Full Course Loads:** Students at Notre Dame must have a full course load. Each semester students will take 5 courses.

**Prerequisites:** Students must adhere to the prerequisites listed in the handbook. If students do not have a required prerequisite, the Ministry of Education will not grant a credit for a completed course.

**Courses for 2010-2011:** After the course selection process, Notre Dame will review the course requests and will determine, based on enrolment, which courses we can run for the academic year. Our menu of course offerings does not mean we will be able to offer all the courses listed in the course menu.

## Appendix B

### Academic Supply List

- Sturdy book bag or back pack. A Notre Dame book bag can be purchased during registration for approximately \$65
- 3 to 5 1.5" to 2" binders
- 3 hole loose leaf lined paper
- Pens
- Dictionary
- HB pencils
- Erasers
- Dividers
- Paper reinforcements
- Glue sticks
- Safety scissors
- Geometry set
- Pencil crayons
- Highlighters
- Scientific calculator for grade 9
- Ti-83 (or Ti-84) graphing calculator for grades 10, 11, 12
- 2 Gym uniforms required for physical education courses purchased on registration day. (approximately \$90)
- Art Kit: Students selecting Visual Art courses can purchase an Art Kit on registration day (approximately \$30)
- Students are not required to have a laptop

## Appendix C

### Textbook Resources Used In Notre Dame Courses

#### English Department

##### **English 9**

Avi. <u>Nothing But The Truth</u>	SBN# 0-380-71907-X
Cruse, Amy. <u>The Book of Myths</u> :	ISBN# o 7720 0552 4
Orwell, George. <u>Animal Farm</u> :	ISBN#
Paterson, Katherine. <u>Jacob Have I Loved</u> :	ISBN# 0-690-04078-4
Shakespeare, William. <u>Romeo and Juliet</u>	ISBN#0-671-72285-9
White, Robb. <u>Deathwatch</u> :	ISBN# 0-440-91740-9

##### **English A & B 10**

<u>And Then There Were None</u> , Agatha Christie	ISBN# 0-312-97947-9
<u>The Chrysalids</u> , John Wyndham	ISBN# 0-140-01308-3
<u>Brian's Song</u> , William Blinn	ISBN 0-553-26618-7
<u>Never Cry Wolf</u> , Farley Mowat	ISBN# 0-553-23624-5
Ball, Ekland Jane. <u>Designs For Reading: Short Stories</u> : Crutcher, Chris. <u>The Crazy Horse Electric Game</u> :	ISBN# 0-440-20094-6
Grisham, John. <u>A Time To Kill</u> :	ISBN# 0-440-21172-7
Shakespeare, William. <u>Macbeth</u> :	ISBN# 0 14 0714.014
Cooney, B.Caroline. <u>Driver's Ed</u> :	ISBN# 0-440-21891-7
Cormier, Robert. <u>We All Fall Down</u> :	ISBN# 0-440-21556-0
Duncan, Lois. <u>Killing Mr. Griffin</u> :	ISBN# 0-440-94515-1

##### **English Language Arts 20**

<u>The Alchemist</u> by Paulo Coelho	ISBN-13 978-0-06-112241-5
<u>Shoeless Joe</u> by W.P. Kinsella	ISBN 0-345-34256-9
<u>Poetry of Our Time</u> by Edited by Louis Dudek	ISBN 0-7705-0105-2
<u>To Kill A Mockingbird</u> by Harper Lee	
<u>The Crucible</u> by Arthur Miller	ISBN 0 14 048.138 9
<u>The Study of Man</u> by Eva Taube:An Anthology of Short Stories & Essays	ISBN 0-7710-8390-4

##### **English A & B 30**

<u>Fit to Print</u>	ISBN-13: 978-0-17-641631-7
	ISBN-10: 0-17-641631-5
<u>Life of Pi</u> Yann Martel	ISBN-13: 978-0-15-100811-7
	ISBN 10: 0-15-100811-6
<u>Hamlet</u> Shakespeare	ISBN: 0-14-07.1454-5
<u>Angela's Ashes</u> Frank McCourt	ISBN: 0-684-87435-0 ISBN: 0-684-87217-X
<u>The Apprenticeship of Duddy Kravitz</u> Mordecai Richler	ISBN: 0-14-00.2179-5
<u>Dancing at Lughnasa</u> Brian Friel	ISBN: 0-571-14479-9

## AP English A & B

**Additional resources used above and beyond the regular English A & B 30 Courses.**

**Students may want to read several of these texts over the summer**

5 STEPS TO A 5 AP English Literature Estelle Rankin & Barbara L. Murphy ISBN 0-07-137719-0

ISBN 0-393-97743-9

The Norton Introduction to Literature shorter eighth edition, Jerome Beaty, Alison Booth, J. Paul Hunter, Kelly J. Mays

A Lesson Before Dying, Ernest J. Gaines ISBN 0-375-70270-9

The Joy Luck Club, Amy Tan ISBN 0-8041-0630-4

The Importance of Being Ernest, Oscar Wilde ISBN 0-19-283444-4

The Merchant of Venice, William Shakespeare ISBN 0-671-72277-8

The Taming of the Shrew, William Shakespeare ISBN 0-7434-7757-X

I Know Why the Caged Bird Sings, Maya Angelou ISBN 0-553-27937-8

The Concubine's Children, Denise Chong ISBN 0-14-012602-3

## French

### **French 9**

Discovering French Level 2 ISBN:9780618656523

### **French 10**

Discovering French Level 2 ISBN:9780618656523

### **French 11**

Discovering French Level 3 ISBN:9780618656530

### **French 12**

Discovering French Level 3 ISBN:9780618656530

## Math

### **Math 9**

Math 9 by Burt Thiessen ISBN: 0-9689314-2-1

### **Math 10**

Math 10 by Burt Thiessen ISBN 0-9689314-0-5

### **Math 20**

Math 20 by Burt Thiessen ISBN: 0-9689314-1-3

### **Math A 30**

Math A 30 by Burt Thiessen ISBN: 0-9684710-0-5

### **Math B 30**

Math B 30 by Burt Thiessen ISBN: 0-9684710-5-6

### **Math C 30**

Math C 30 by Burt Thiessen ISBN: 0-9684710-1-3

**Calculus**Calculus 30 by Burt Thiessen

ISBN: 0-9689314-2-1

**AP Calculus**Calculus A First Course

ISBN # 0-07-549601-1

Calculus 5ed

ISBN # 0-534-39339-X

AP Calculus

ISBN # 0-321-33574-0

**Science****Science 9**

TBD

**Science 10**Science 10, Thomson-Nelson

ISBN# 0-17-607501-1

**Biology 20**Biology Living Systems - Glencoe McGraw-Hill

ISBN # - 0-02-826347-2

**Chemistry 20**Merrill Chemistry, Smoot,Smith and Price

ISBN: 0 - 02 - 825526 - 7

**Physics 20**Physics: Principles and Problems, Merrill

ISBN0675-17264-0.

**Biology 30**Biology Living Systems - Glencoe McGraw-Hill

ISBN # - 0-02-826347-2

**Chemistry 30**Merrill Chemistry, Smoot,Smith and Price

ISBN: 0 - 02 - 825526 - 7

**AP Chemistry 30**General Chemistry: The Essential Concepts, 4th ed.  
Raymond Chang;

ISBN: 0 - 07 - 282838 - 2

**Physics 30**Grade 12 Physics using Physics Principles and Problems

ISBN 0-07-845814-5

**Social Sciences****Social Studies 9****Text:** Hayden, Michael et al. Roots of Society.  
Scarborough: Prentice Hall, 1992

ISBN: 0-13-783119-6

Beers, Burton F., World History: Patterns of Civilization. Scarborough: Prentice Hall, 1993

ISBN 0-13-963885-7

### **History 10**

**Text:** Beers, Burton F. World History: Patterns of Civilization. Scarborough: Prentice Hall, 1993 ISBN: 0-13-963885-7

### **Economics 20**

**Text:** Thexton, James D. Made in Canada: Economics for Canadians 3<sup>rd</sup> ed. Don Mills: Oxford, 1995 ISBN-10: 0-19-541100-5

### **Economics 30**

**Text:** Hird Richard H. Working With Economics: A Canadian Framework Sixth Edition ISBN 0-13-092459-8

### **History 20**

Snellgrove, LE. The Modern World Since 1870 2<sup>nd</sup> ed. 1991, ISBN 058222299-0

Beers, Burton F., World History: Patterns of Civilization. Scarborough: Prentice Hall, 1993, ISBN 0-13-963885-7

### **History 30**

**Text:** Riendeau, Roger. A Brief History of Canada. Markham: Fitzhenry & Whiteside, 2000 ISBN 1-55041-554-9

### **Social Science 20**

ISBN: 0-19-541136-6

### **Psychology 30**

**Text:** Kasshau, Richard. Understanding Psychology. Columbus: Glencoe, 2008. ISBN: 978-0-07-874517-1

### **Law 30**

**Text:** Gibson, Dwight, et al. All About Law. Scarborough: Nelson, 2003. ISBN: 978-01-7620148-7