École Secondaire Notre Dame High School

2021-2022 Program Guide



École Secondaire
Notre Dame High School

God is our Power Knowledge is our Strength



Welcome to Notre Dame

École Secondaire Notre Dame High School

NOTREDAME

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Notre Dame Administration Team

At Notre Dame we have a lot of support to help you along the way. For each grade, a vice-principal is assigned to you. He/she will follow your class to grade 12 and get to know you in the process and support you along the way! The Principal can also be contacted if you need help. Administrators can be contacted at the main office.

Your Administration team is here to help you Graduate!
If you need help or have questions stop by the
main office to set up an appointment to see us.

Administration Welcome



Welcome to Ecole Secondaire Notre Dame High School's Program Guide! You will find within an exciting array of courses that offer opportunities to greatly expand horizons of learning. May God guide you as you select your courses for another step in your lifelong journey of education and learning!

Whether you are interested in Fine Arts, Languages, CTS, Athletics, Advanced Placement or student leadership, Notre Dame strives to offer excellent programs for all!

Our strong focus on development of servant leadership within the context of Catholic Education sets a framework for all students to fully develop their talents and to broaden their search for meaning, truth and action.

The positive atmosphere you feel at Notre Dame is due to the pride students have for their school, respect for themselves and respect for each other. Notre Dame is a school where we strive to make a positive difference within our community and our world.

This guide provides you with valuable information for planning your high school program as well as descriptions of the courses available at Ecole Secondaire Notre Dame High School.

Welcome to Notre Dame!

Rose McQuay

General Information

Permeation of Faith at Notre Dame High School

Notre Dame is a Catholic Community inspired to embody Christ, enable Excellence and Educate for Life.

Be it known to all who enter Notre Dame that Jesus Christ is the reason for this school. Christ is the unseen but ever present teacher. Christ is the model for our staff and the inspiration for our students. The formation of our students' faith is our primary goal. This manifests itself in all that we do through our daily interactions.

Introduction

The purpose of the booklet is to help you plan your courses for the 2021-2022 school year at Notre Dame High School. It contains information regarding the Alberta High School Diploma, credits, prerequisites and course sequences, as well as brief descriptions of all courses offered at ND. Please make use of the information in this booklet to plan a program of studies that will meet your needs, Alberta High School Diploma requirements and your own educational and career goals. If you or your parents have questions regarding our programs or courses, please feel free to call the school at 403-342-4800, and ask to speak to your grade administrator or counsellor

Notre Dame High School Graduation Requirements

To earn an Alberta High School Diploma and participate in the Notre Dame ceremony, a student must:

1) Earn a minimum of 105 credits

2) Complete and meet the standards for the following:

- Religious Education 15,25,& 35 or Religions of the World 30
- English Language Arts at the 30 level
- Social Studies at the 30 level
- Mathematics at the 20 level
- One Science at the 20 level
- Physical Education 10 (min. 3 credits)
- Career and Life Management (CALM) (3 credits)

10 credits from Career and Technology Studies (CTS) or Fine Arts or Second Languages or Physical Education (in addition to PE 10) or locally developed/acquired and authorized courses in CTS, Fine Arts or Second Languages

10 credits in any 30-level course (including locally developed) in addition to English Language Arts 30-1 or 30-2 and Social Studies 30-1 or 30-2

Certificate of High School Achievement (English)

The requirements indicated in this chart are the minimum requirements for a student to attain a Certificate of High School Achievement.

The requirements for entry into post-secondary institutions and workplaces may require additional and/or specific courses.

80 CREDITS

Including the following:

- English Language Arts 20-2 OR 30-4
- Mathematics 10-3 OR 20-4
- Science 14 OR 20-4
- Social Studies 10-2 OR 20-4
- Physical Education (3 CREDITS)
- Career and Life Management (CALM) (3 CREDITS)

5 CREDITS IN

- 30-level Knowledge and Employability occupational course, or
- 30-level Career and Technology Studies (CTS) course, or
- 30-level locally developed course with an occupational focus

AND 5 CREDITS IN

- 30-level Knowledge and Employability Workplace Practicum course, or
- 30-level Work Experience course, or
- 30-level Green Certificate course, or
- Special Projects 30

OR

5 CREDITS IN

- 30-level Registered Apprenticeship Program (RAP) course

**Students in the K&E program must also complete two Religion classes as part of their requirement to participate in the Notre Dame graduation ceremony.*

Instructional Focus

Our instructional focus at Notre Dame High School is to provide a balanced curriculum and individualized programs of study to ensure that all students achieve a high school diploma within three years, while experiencing a broad range of courses. We also promote the development of the whole student and stimulate learning by preparing students to be global citizens of good character.

Fully Timetabled

Our philosophy is not to have students rush through high school or simply meet the minimum grad requirements. We feel that students benefit and are better prepared for their career after high school, by experiencing a broad based program during their time here. To achieve this we require all students in Grade 10 to be fully timetabled in at least 40 credits of course work each school year. Our grade 12's are expected to be scheduled in 10-15 credits each semester (one 5 credit spare each semester is permitted).

What are Credits?

Credits are awarded for the successful completion of a course (minimum 50%). A subject taken every day for a full semester is normally worth 5 credits. A subject taken every other day for a full semester will be normally worth 3 credits.

Credits can be earned only once in any one class.

1 CREDIT = 25 hours of instruction or 1 Module
(at Notre Dame Modules are completed as a part of many CTS courses)
3 CREDITS = 62.5 hours of instruction or a half course
(at Notre Dame 3 credit courses are timetabled so that a student will have the course every other day)
5 CREDITS = 125 hours of instruction or a full course
(at Notre Dame 5 credit courses are timetabled so that a student will have the course every day)

What are Prerequisites?

A prerequisite course is one that must be successfully completed before proceeding to the next level of that subject. For example, you must pass ELA 10-1 before taking ELA 20-1.

How are High School Courses Numbered?

GRADE 10 - Course numbers begin with the number 1
(e.g. English 10-1, Design Studies 10)

GRADE 11 - Course numbers begin with the number 2
(e.g. English 20-1, Math 20-1, Foods 20)

GRADE 12 - Course numbers begin with the number 3
(e.g. English 30-1, Math 30-1, Foods 30)

Keys For Success at High School

High School is a Whole New World

NDHS will have over 1100 students this year.

There are four stairwells to help you get to classes on time.

Tip: Stick to the right, just like driving & traffic will move more quickly.

There are a lot of benefits in High School, too. There is always some new club, activity or sporting event going on. And there are over 1200 opportunities to make new friends!

Tip: Be open to meeting new people. You never know when you will find a good friend.

The curriculum moves quickly with four 80-minute classes every day. On Mondays the classes are shortened with early dismissal. You also have flexible time to take control of your learning.

Tip: Don't let yourself get behind or you will quickly be really behind.

You have a lot more freedom in High School but also more responsibility for your own learning.

Notre Dame High School Website:

www.notredamehigh.ca

Check out our website for any information

Marks can be accessed through POWERSCHOOL

POWERSCHOOL is also a great resource for updates from the school!

TIP: Be proactive with your education and ask for help when you need it

Career Advisors:

Ms. Jill Halter, ND's Career Advisor will be available to assist students with career information and exploration individually, in small groups and in classes. Resources and information can be found near her office in the Learning Commons.

Scholarship Info

While most scholarships are available for Grade 12 students there are a number of things that Grade 10 students can do to enhance their chances of qualifying for a scholarship:

- Maximize your marks & remember that many scholarships consider participation
- Volunteering & leadership activities as very important criteria
- Research scholarship information, personal contacts & opportunities
- Check our school website (www.notredamehigh.ca) under the student services section for scholarship information
- Keep an up to date resume & portfolio of your significant achievements

The Rutherford Scholarship is awarded when you enroll in a post-secondary institution including studying for an apprenticeship, college courses, technical courses or university enrollment. It is given for Grade 10, 11 & 12 by the Province of Alberta based on a 75% and greater of 5 subjects:

Grade 10 – Eng 10-1 or 10-2, and four other 10 level courses, of which two must be core subjects.
Grade 11 – Eng 20-1 or 20-2, and four other 20 level courses, of which two must be core subjects.
Grade 12 – Eng 30-1 or 30-2, and four other 30 level courses, of which two must be core subjects.

Who Can Help You Out?

Student Services

Can help students with selecting classes, timetables, career information & planning, information about post secondary education (education after High School), scholarships & problems with personal issues or family concerns.

The Notre Dame Student Services Department is dedicated to empowering every student to achieve academic and career success, social growth and personal wellness.

What Could I see a Counsellor About?

- What are the requirements for a HS Diploma?
- I'm not sure what courses to take next year.
- I'd like to figure out what to do after grade 12.
- I'm having difficulties in one of my classes. What should I do about it?
- I'm having problems with a friend, a teacher or a parent & I'd like to talk to someone about it.
- Where can I get info on scholarships?
- How can I get info about on-line, alternate delivery, or summer school courses?
- I worry about loneliness, depression, self-confidence test anxiety.
- I need help but I don't know where to get it.

The work of the counsellors falls into three main categories:

EDUCATIONAL COUNSELLING

- Support for students with special needs
- Exam accommodations
- Educational alternatives
- Study skills
- Evaluation of out of province and out of country documents
- Course Selection and Graduation requirements

PERSONAL COUNSELLING

- Personal health and safety
- Family and peer relations
- Conflict management
- Self – esteem
- Grief and loss
- Substance abuse
- Referrals for community resources

POST-SECONDARY AND CAREER COUNSELLING

- Calendars and web- site information for universities, colleges and technical schools
- Transcripts , scholarship information and applications
- University and college workshops
- SAT, ACT and TOEFL information

Student Services is located beside the Main Office.
Contact (403) 342- 4800 to set up an appointment.

Other People Who Can Help

- **C.A.R.E** (Central Alberta Refugee Effort) helps support new immigrant students and their families adjust to life in Canada.
- **Aboriginal Frontline** Support is available to First Nations, Metis and Inuit students in our school.
- **Family Enhancement Counsellor:** Helps support students and their families in working towards wellness and success in home and school.

TIP: To book an appointment with any of the above, stop by Student Services.

Planning Your Timetable

We believe our students are most successful when they take maximum advantage of the offerings available to them. To assist students in making the most of their high school years, Notre Dame operates on the principle that all students should be full-time students.

Grade 10 students are expected to be fully time tabled.

Grade 12 students must enroll in a minimum of 30 credits or 6 full courses during the school year.

Compulsory Religious Studies

The formation of our students' faith is our primary goal. While this manifests itself in all that we do through our daily interactions, formal religious studies are compulsory at all grade levels. These courses (Religious Education (RC) 15, 25, 35 or Religions of the World 30) are all credited and applied toward the graduation diploma.

NOTE: All students must complete Religious Education (RC) 15 in the traditional classroom setting. French Immersion students must take the French language equivalent of this course.



Course Offerings

We strive to offer our students a wide variety of course offerings each year. However in cases where student requests for a course are low the courses listed in this guide may not be offered, or only offered one semester per year.

Making Choices – What to keep in mind:

What am I going to do after I leave high school?

1. Will I go to University, College? What post-secondary training do I require?
2. Am I considering a career in Apprenticeship?
3. Do I want to start a job immediately after I graduate?
4. What high school courses do I need for my choice?
5. If I should change my mind during the next year or two, what courses will leave open the most career paths?

Keep in Mind:

1. Most jobs will require education beyond a high school diploma.
2. I can expect to change careers at least 4 to 6 times in my lifetime.
3. I should be as ready, prepared and educated as I can be.

What Courses do I Require Specifically?

1. Am I taking (choosing) all the required courses?
2. In choosing my area of specialization, am I considering skills needed, my interests and/or jobs available?
3. Will I have at least 105 credits at the end of Grade 12 and meet Diploma requirements?

What are my academic strengths? In what areas do I have difficulty?

1. In which courses was I successful?
2. Which courses did I enjoy the most?
3. Which courses did I enjoy the least?
4. Which courses did I find most difficult?
5. Could I have earned better marks in my classes?

Program Planner

Plan your present and proposed program to guarantee you will satisfy your graduation and post-secondary plans!

Grade 10

Course Name	Number	Credits
Religious Education	_____	_____
English	_____	_____
Social Studies	_____	_____
Math	_____	_____
Science	_____	_____
Physical Education	_____	_____
HCS 3000* (Online)	_____	_____

**Recommended*

Exploration Courses

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Online Course

_____	_____	_____

Total Credits _____

(must total at least 40 credits, or 8 full courses)

Grade 11

Course Name	Number	Credits
Religious Education	_____	_____
English	_____	_____
Social Studies	_____	_____
Math	_____	_____
Science	_____	_____
CALM	_____	_____

Exploration Courses

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Online Course

_____	_____	_____

Total Credits _____

(must total at least 40 credits, or 8 full courses)

Grade 12

Course Name	Number	Credits
Religious Education	_____	_____
English	_____	_____
Social Studies	_____	_____
30 Level Course	_____	_____
30 Level Course	_____	_____

Exploration Courses

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Online Course

_____	_____	_____

Total Credits _____

(must total at least 30 credits or 6 full courses)



Athletics

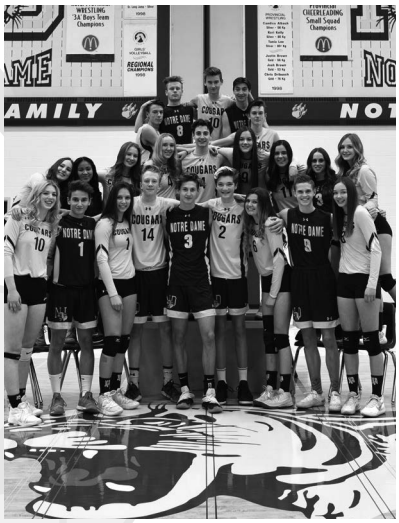
The Blue and Gold uniforms of Notre Dame have long been symbols of Cougar pride and athletic excellence. Being a Cougar is an honor and by starting at ND you join very special alumni. Our athletic program is not just for athletes, when the Cougars take the court or field their fans do as well. We encourage all students to try out for teams or to get out to athletic events and cheer on our teams with huge Cougar pride. The athletic teams of ND are listed below.





Golf
Cross Country Running
Football
Basketball
Volleyball
Rugby
Curling
Track & Field
Badminton
Soccer
Tennis
Handball
Wrestling







Elite Athletes

Notre Dame High School is committed to providing flexible timetabling for those elite athletes who compete at a provincial, national and/or international level. Student athletes who register at Notre Dame should identify themselves as elite athletes to their respective grade Vice Principal. Their Vice Principal will work with the student athlete to plan the most flexible school program that is compatible with the demands of their training and competition schedules.

Student Activities and Organizations

Co-curricular activities are an important part of life at Notre Dame. In addition to clubs and teams, there are many leadership and service opportunities. Throughout the year, various events take place in the gathering Area. In addition to Student Council theme weeks there are various other activities that add to the fun for all Cougars. Notre Dame offers a wide variety of experiences through participation in student-organized clubs and events. The specific clubs in operation during any school year depend upon student interest and the availability of staff advisors. If you would like to start your own club, talk to your grade administrator or student council!

Some Notre Dame Student Groups include:







Dungeons & Dragons Club
Optics Club
Notre Dame Adventure Club
Student Council
Super Team
Radius Productions
Book Club
International Travel
Graduation Committee
Youth Companion
Student Voice
Fine Arts Production/Show







French Immersion

In order to receive their French Immersion certificates from École Secondaire Notre Dame High School, students must have a minimum of 54 credits in French including all 3 Social Studies and French Language Arts courses. Recognizing that many factors contribute to a student's success, a student will be required to enroll in all French immersion classes that are available that match their achievement record and supports needed.

Grade 10

French Language Arts 10-1 / 10-2
Études Sociales 10-1 / 10-2
Mathématiques 10C
English Language Arts 10-1 / 10-2
Sciences 10 F
Études Religieuses 15

Grade 11

French Language Arts 20-1 / 20-2
Études Sociales 20-1 / 20-2
Mathématiques 20-1
English Language Arts 20-1 / 20-2
Études Religieuses 25
Carrière et Vie

Grade 12

French Language Arts 30-1 / 30-2
Études Sociales 30-1 / 30-2
Mathématiques 30-1
English Language Arts 30-1 / 30-2

French Immersion students fill the remainder of their timetable with complimentary option courses which will fill Alberta Education graduation requirements and their individual post secondary entry requirements

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ÉTUDES SOCIALES 10-1

« Regards sur la Mondialisation »
(for French Immersion students)

Students will explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on lands, cultures, economies, human rights and quality of life. Students will examine the relationships among globalization, citizenship and identity to enhance skills for citizenship in a globalizing world. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and throughout the world, including the impact on Aboriginal and Francophone communities.

ÉTUDES SOCIALES 10-2

« Vivre dans un contexte généralisé de mondialisation »
(for French Immersion students)

Students will explore historical aspects of globalization as well as the effects of globalization on lands, cultures, human rights and quality of life. Students will explore the relationships among globalization, citizenship and identity. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal communities.

ÉTUDES SOCIALES 20-1

Prerequisite: Études Sociales 10-1
(For French Immersion students)
« Regards sur le Nationalisme »

Students will explore the complexities of nationalism in Canadian and international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international and global relations. The infusion of multiple perspectives will allow students to develop understandings of nationalism and of how nationalism contributes to the citizenship and identities of peoples in Canada.

ÉTUDES SOCIALES 20-2

Prerequisite: Études Sociales 10-2
(For French Immersion students)
Comprendre le nationalisme

Students will examine historical and contemporary understandings of nationalism in Canada and the world. They will explore the origins of nationalism as well as the impacts of nationalism on individuals and communities in Canada and other locations. Examples of nationalism, ultranationalism, supranationalism and internationalism will be examined from multiple perspectives. Students will develop personal and civic responses to emergent issues related to nationalism.

ÉTUDES SOCIALES 30-1

Prerequisite: Études Sociales 20-1
(For French Immersion students)
« Regards sur l'idéologie »

This course is for those students who have achieved 65% or better as a mark in Social Studies 20-1. This course requires students to have a very strong work ethic and a good understanding of contemporary issues. The ability to formulate thoughts and opinions into a strong written essay is required. Students will explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism. An analysis of various political and economic systems will allow students to assess the viability of the principles of liberalism.

ÉTUDES SOCIALES 30-2

Prerequisite: Études Sociales 20-1 or Études Sociales 20-2
(For French Immersion students)
Comprendre les idéologies

This course is designed to fulfill the grade 12 requirements for the General Diploma. Students taking this course will be in the same class as the 30-1 but will be given 30-2 exams. Students will examine the origins, values, and components of competing ideologies. They will explore multiple perspectives regarding relationship among individualism, liberalism, common good, and collectivism.





FRENCH LANGUAGE ARTS 10-1 OR 10-2

(For French Immersion students)

This course is offered completely in French. It focuses on the development of a functional use of the French language in both social and academic settings. As in any language program, language skill development such as listening, speaking, reading and writing will be developed to enhance progressively the student's ability to communicate effectively in the French language.

FRENCH LANGUAGE ARTS 20-1 OR 20-2

Prerequisite: French Language Art 10

(For French Immersion students)

This course is a continuation of FLA 10. Throughout the term, the students will gain abilities to successfully accomplish all goals of the Alberta Curriculum.

FRENCH LANGUAGE ARTS 30-1 OR 30-2

Prerequisite: French Language Art 20

(For French Immersion students)

This course is a study of French literature – novels, plays, poetry, and short stories – allows the students to gain an understanding of the culture and traditions of the French speaking people. There is a Grade 12 diploma examination developed for French Language Arts 30-1 and an in-class final for French Language Arts 30-2.

MATHÉMATIQUES 10 -C

(For French Immersion students)

This course is designed for students interested in careers in a wide variety of areas. It is a pre-requisite for students who want to take the -1 or -2 course sequence. Topics include Measurement (SI and Imperial), Trigonometry, Polynomial factoring and operations, Systems of equations, and Linear relations and functions.

MATHÉMATIQUES 20-1

Prerequisite: 65% or higher in Mathématiques 10-C

(For French Immersion students)

Topics include Rational, Radical and Polynomial Expressions/Equations, Trigonometry for angles from 0 to 360 degrees as well as sine law, cosine law and the ambiguous case, Quadratic and Polynomial Functions/ Equations and Systems of Equations.

MATHÉMATIQUES 30-1

Prerequisite: 65% or higher in Mathematiques 20-1

(For French Immersion students)

Topics include Trigonometry, Transformation of Functions, Inverses, Exponents and Logarithms Expressions/ Equations, Polynomial, Radical and Rational Functions and Permutations, Combinations and the Binomial Theorem.

SCIENCES 10

(For French Immersion students)

This course emphasizes three of the key components of science: energy, matter and change. Four major units include: (1) Introduction to Chemistry, (2) Introduction to Biology of the Cell, (3) Introduction to Physics, (4) Weather systems.

ÉTUDES RELIGIEUSES 15

Prerequisite: None

(For French Immersion students)

The students will study the principles that guide Catholics in understanding their role in the shaping of culture. It explores what it means to belong and explores relationship with self, others and God from a Catholic perspective. An overview of world religions will also be undertaken. Students must complete 10 hours of volunteer community service.

ÉTUDES RELIGIEUSES 25

Prerequisite: None

(For French Immersion students)

Students will explore how believing is integral to human living, they will investigate the role of truth, goodness, the spiritual and religious community in the search to believe. Students will explore the Great Religions of the East. They will study the Bible as source of Christian belief, explore the message of Jesus and the Reign of God. Students must complete 10 hours of volunteer community service.

CARRIÈRE ET VIE

Prerequisite: None

(for French Immersion students)

This is a compulsory course for the high school diploma. The course covers a broad range of topics including: (1) self-management; (2) well being; (3) the world of work; and (4) independent living.



Hockey Academy



Are you looking to step up your hockey game? Do you want to improve your speed and skills so you can make the team next year? Are you hoping to get a college scholarship, but need a little help to maximize your athletic potential? The Notre Dame Hockey Academy offers students an opportunity to participate in a high school course that is more specific than a regular Physical Education class. We are looking for students from the novice to the elite level to come and join us! This course is offered based on student interest.

OUR PROGRAMS:

- Are based on scientifically proven methods effective in creating greater athleticism.
- Will increase your speed, power, flexibility, nutritional knowledge, and overall fitness.
- Will educate you on how to train effectively, minimize injury and maximize your fitness.

The Hockey Academy is coached by a Hockey Canada approved instructor and will be run all morning for the first semester. This course allows students the opportunity to improve their hockey skills in an educational noncompetitive environment. The course is offered in conjunction with Phys. Ed. to give each student the opportunity to gain 10 credits. The course focuses on basic skills, nutrition, sport specific fitness training, careers in and dealing with hockey. The cost for this course is $700.00. * (This is to offset the cost of facility rentals, transportation and guest high level instruction.) Students who live out of our catchment area will be asked to pay a $150 non-refundable deposit. Students who are out of the school's division will be asked to pay the full $700.

NOTRE DAME HIGH SCHOOL
COUGAR
HOCKEY ACADEMY



HOCKEY ACADEMY INSTRUCTOR

The Lead Instructor for the Hockey Academy is Mr. Erik Lodge. Erik comes with an outstanding hockey resume. He has played professionally in both Europe and North America. Erik has competed and won many levels including a Royal Bank Cup, Allan Cup and Queen's Cup. Erik is a member of the mentorship team for Red Deer Minor Hockey, has coached Midget AAA level, won a silver medal with Sutter Fund Midget AAA female hockey team at National Esso Cup, and is currently an assistant coach with Red Deer Rebels.

For more information on the Notre Dame Hockey Academy or to register Contact Mr. Erik Lodge at erik.lodge@rdcrs.ca

Notre Dame Core Courses

ND GUIDELINE POLICY

At Notre Dame we strive for success in all we do. Part of success in the classroom is ensuring that students are placed into the appropriate class, based on previous academic evaluation.

Students who are placed in the incorrect classes often struggle and are at a higher risk of not completing the course and/or not graduating. -1 and -2 classes, or different science classes, are differentiated on the basis of instructional methodology, evaluation techniques, learning resources and complexity of language used in course content.

Success requires strong effort on the part of the student! In order to progress to the next level of -1 course students must achieve over 65%. Students who achieve between 50 and 65% will be directed to the -2 equivalent.

Religious Studies

The formation of our students' faith is our primary goal. While this manifests itself in all that we do through our daily interactions, completion of 3 formal religious studies courses is compulsory at ND. These courses (Religious Education (RC) 15, 25, 35 or Religions of the World 35) are all credited and applied toward the graduation diploma.

All Students are required to take Religious Education (RC) 15 in a traditional class or online as a graduation requirement. Students may choose to take Religious Education 25 and 35 or Religions of the World 35 in a traditional class or online with grade administrator approval.

RELIGIOUS EDUCATION (RC) 15

The Canadian Conference of Catholic Bishops' Grade 10 program, Christ and Culture is the focus of the Religious Education (RC) 15, a 3-credit course. It challenges students to examine what it means to be a fully alive person, what influences our culture has on us and how culture and our Catholic Christian faith can work together to transform the world according to Gospel Values. Students will also begin to appreciate other religions by studying Judaism. Students are required to do 10 hours of community volunteer work as part of the course requirements.

RELIGIOUS EDUCATION (RC) 25

The purpose of the course is to examine the Christian Scriptures as the sacred story of the Christian Community and to get a deeper understanding of the CORE STORY of the Old Testament and the New Testament. Students will learn about the historical Jesus in order to enable them to experience and know Christ and His message of eternal salvation. They will have the opportunity to examine the various dimensions of Buddhism and Hinduism and the role of belief in answering eternal questions. Students must complete 10 hours of volunteer community service.



RELIGIOUS EDUCATION (RC) 35

The aim of In Search of the Good: A Catholic Understanding of Moral Living is to assist young men and women to understand themselves as moral persons living the way of Christ through an examination of ethical theories, the revelation of Sacred Scripture, and the experience and teaching of the Catholic Church. We will also study moral issues from the perspective of a number of World Religions. Students must complete 10 hours of community service.

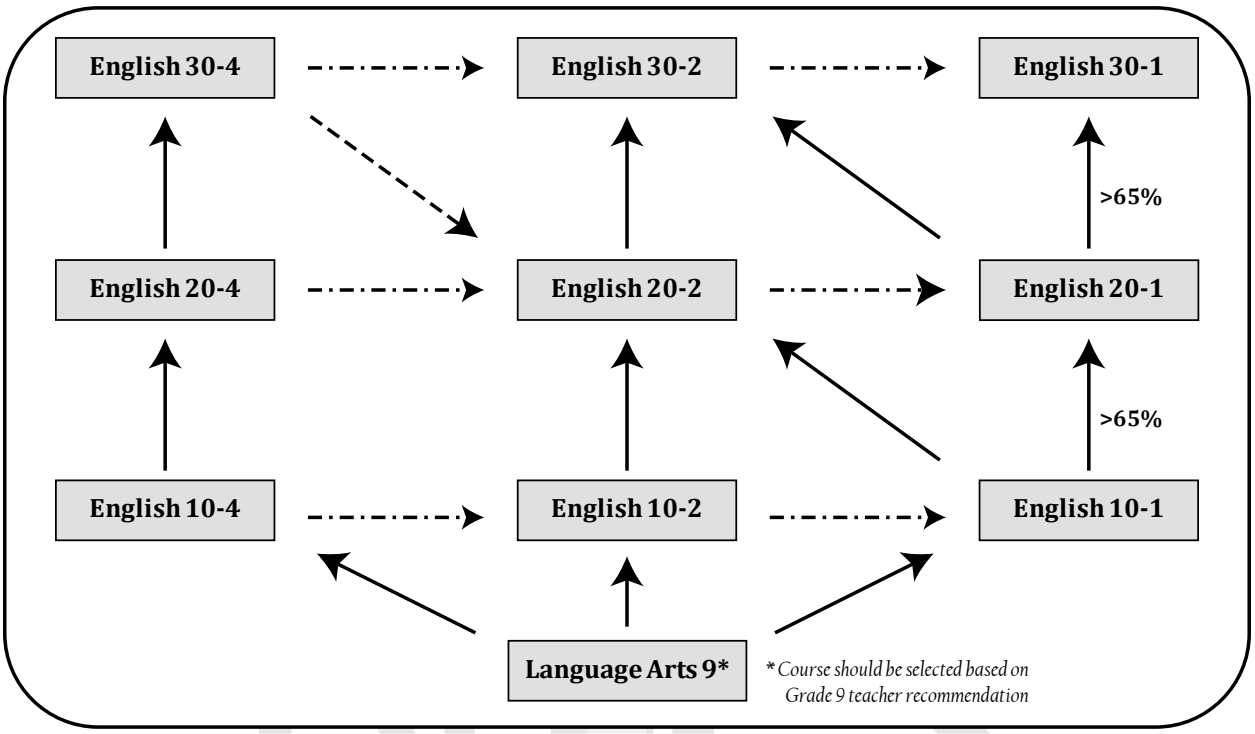
RELIGIONS OF THE WORLD 35

The aim of the Religions of the World 35 Course is for the student to be nurtured in the Catholic faith as they deepen their understanding that all religions are a communal search for truth and relationship with the Divine. Students will grow in understanding of the historical development, central beliefs and practices, prayer rituals, symbols, sacred writings, family traditions and moral guidelines associated with various religions. As well, students will grow in the ability to respond to the challenges of living in societies with religious pluralism, identifying movements, trends and beliefs within modern times and their impact on religion. As part of this course students must complete 10 hours of community service.

CALM *(Mandatory Graduation Requirement)*

The aim of senior high school Career and Life Management (CALM) is to enable students to make well-informed, considered decisions and choices in all aspects of their lives and to develop behaviours and attitudes that contribute to the well-being and respect of self and others, now and in the future. CALM is the core course for health literacy at the senior high school level in Alberta.

English



ENGLISH LANGUAGE ARTS 10-1

Students write personal response to texts and are introduced to critical/analytical essay construction. All students will be evaluated at course end on their ability to independently create a critical/analytical response with teacher-directed pre-planning and within a timed situation. A student entering this course should be confident with multi-genre texts, possess strong independent reading and writing skills with increasingly complex texts, and have a strong base in matters of correctness/style.

ENGLISH LANGUAGE ARTS 10-2

Students write responses to visuals and are introduced to literary exploration essay construction. All students will be evaluated at course end on their ability to independently create literary explorations with teacher-directed pre-planning and within a timed situation. A student entering this course should be comfortable with an introduction to multi-genre texts, possess independent reading and writing skills with increasingly complex texts, and have a base in matters of correctness/style. Furthermore, they should be comfortable to relating personal experiences to class material.

ENGLISH LANGUAGE ARTS 10-4

This course is designed for those students who are taking the Knowledge and Employability Program. Students will understand and appreciate language as well as use it confidently and competently in a variety of situations for communication, personal satisfaction and learning. Experimentation with language, image and structure will occur. Meaning will be discerned from text and content interpreted. Research and inquiry will be applied to information searches.

ENGLISH LANGUAGE ARTS 20-1

Prerequisite: English Language Arts 10-1

Students write several personal responses to texts and further develop critical/analytical essay construction. All students will be evaluated at course end on their ability to independently create a critical/analytical response with teacher-directed pre-planning and within a timed situation. A student entering this course should be confident with multi-genre texts, possess strong independent reading and writing skills with complex texts, and have fluent control in matters of correctness/style.

English

ENGLISH LANGUAGE ARTS 20-2

Prerequisite: English Language 10-1

Students write personal response to texts and further develop literary exploration essay construction. Students will continue expanding their skills on Visual Response (versus Personal Response) and they will also be introduced to Persuasive (or functional) writing for a specific audience. All students will be evaluated at course end on their ability to independently create a literary exploration response with teacher-directed pre-planning and within a timed situation. A student entering this course should be confident with approaching grade-level texts, possess functional reading and writing skills with various texts, and have basic control in matters of correctness/style. They will continue to improve their ability to relate personal experiences to class material.

ENGLISH LANGUAGE ARTS 20-4

This course is designed for students who have completed English 10-4 in the Knowledge and Employability Program. Students will listen, speak, read, write, view and represent information to explore thoughts, feelings and experiences. An understanding and appreciation of text, elements and forms will occur. Effective communication will be examined.

ENGLISH LANGUAGE ARTS 30-1

Prerequisite: English Language Arts 20-1

Students write several timed critical/analytical and personal response to texts with a clear voice and fluent diction/syntax. All students will be evaluated at course end at baseline university expectations. A student entering this course should be competent with multi-genre texts. They should exercise strong independent reading and writing skills with layered texts and be self-motivated to accomplish course objectives. Seventy percent of the final course mark will be calculated based on class mark—other thirty percent will be diploma mark (2 part exam).

ENGLISH LANGUAGE ARTS 30-2

Prerequisite: English Language Arts 20-1 or 20-2

Students write several timed literary explorations, visual responses, and functional responses to texts with a clear voice and shaped discussion. All students will be evaluated at course end at baseline diploma expectations. A student entering this course should be competent with multi-genre texts. They should exercise strong reading and writing skills with texts and be able to accomplish course objectives. As well, they should be fluent in linking personal experience to classroom material. Seventy percent of the final course mark will be calculated based on class mark—other thirty percent will be diploma mark (2 part exam).

ENGLISH LANGUAGE ARTS 30-4

This course is designed for those students who have completed English 20-4 in the Knowledge and Employability Program. Students will understand and appreciate language as well as use it confidently and competently in a variety of situations for communication, personal satisfaction and learning. Experimentation with language, image and structure will occur. Meaning will be discerned from text and content interpreted. Research and inquiry will be applied to information searches.

École Secondaire Beaumont High School

English

FILM & MEDIA ART 15 (NON-CORE)

This is a three credit option beginning film studies course meant to complement the ELA Curriculum. This course is designed for students who wish to develop a fundamental understanding of filmmaking to enhance their critical appreciation of films. It is designed to facilitate students' understanding of film as a distinct form of art, technology, and visual media in order for them to become informed media consumers. Not only will it provide the basics in film techniques, it will also provide students with an opportunity to observe and discuss social, historical, literary and artistic issues. Student experiences will include viewing films, responding through journal writing and critical review, group discussions, socratic seminar, direct instruction, guided analysis, and independent study.

FILM & MEDIA ART 25 (NON-CORE)

Prerequisite: Film & Media Art 15

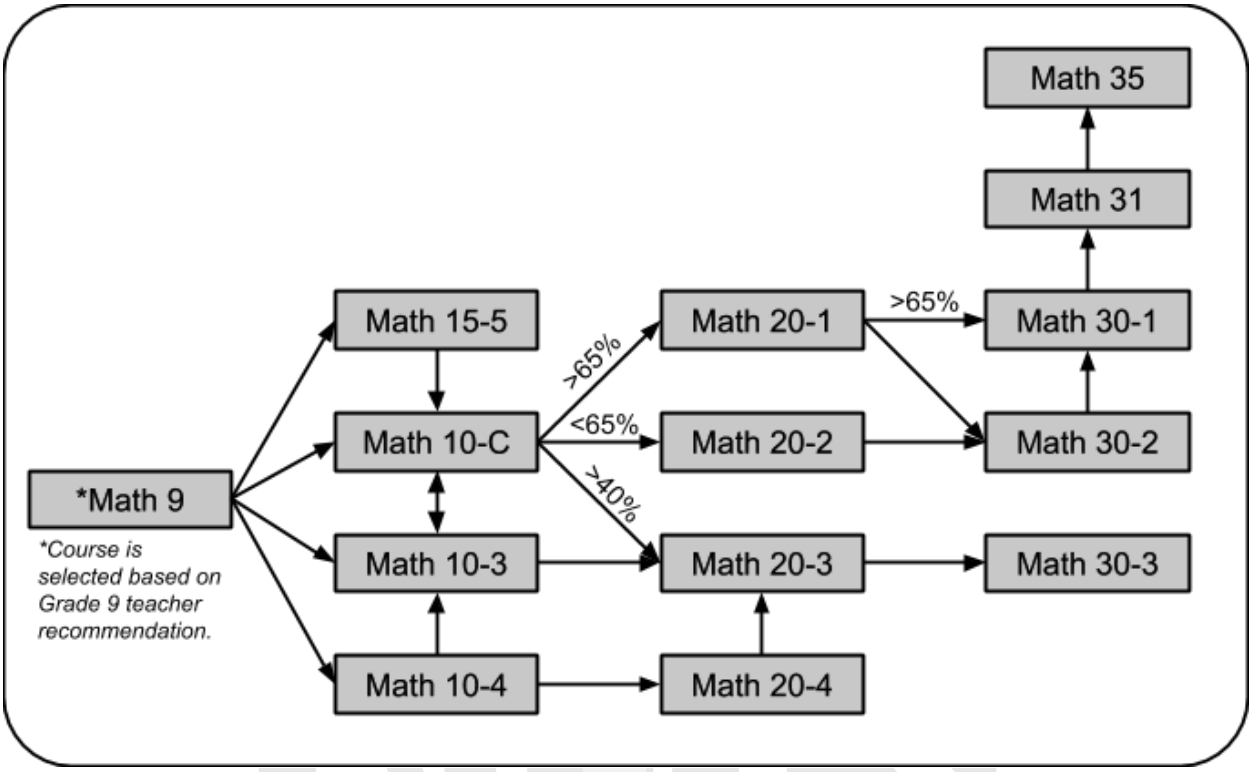
This three credit option course is also meant to complement the ELA Curriculum and requires Film & Media Art 15 as a prerequisite. This course is designed for students who wish to develop an advanced understanding of filmmaking to enhance their critical appreciation of films. It is designed to facilitate students' understanding of film as a distinct form of art, technology, and visual media. By pursuing in-depth perspectives of the production and technical aspects of film, students will become informed media consumers. At this 25 level, students will be taken beyond the basic elements of film to more in depth sociological understandings exploring societal influences as well as those reinforced by film - with emphasis on gender, race, religion, multicultural, and ethnic theories. The goal is to practice and develop skills in analysis and criticism with awareness and discrimination.

CREATIVE WRITING & PUBLISHING 15/25/35 (NON-CORE)

A course where students can follow their writing interests and passions. Students will write a variety of specific creative writing genres, and they are encouraged to experiment with new ideas and concepts in their writing. Students will begin and manage their portfolio of writing and by the 25/35 level begin to assemble, edit, and print an extended text.
As students explore and learn about various writing markets, they will identify reputable markets, describe requirements that different markets have for submissions, and assess how to effectively submit their writing to specific publications and/or micropublish.



Math



The recommended guideline to continue on from one course to the next level is a mark above 65%. If a student achieves a passing grade below 65%, the student should enrol in the lower level of the next class.

I SHOULD TAKE MATHEMATICS-1

If I want to study mathematics or sciences at a university, college, or technical institute and go on in a related career. Mathematics-1 is for students who plan to enter post-secondary programs such as engineering, mathematics, sciences, some business studies, or other programs that require advanced math skills. The sequence is co-requisite for Mathematics 31 and may be required for post-secondary calculus courses.

NOTE: For any and all of the Math 10, 20, 30 courses a "Graphing Calculator" will be REQUIRED. Recommended for these courses is the Texas Instrument TI 83, TI 84, TI 84+,and TI 84 Color. This calculator will be sufficient for the entire 3-year stream of Mathematics. The same calculator will be recommended for all of the Science courses taken.

I SHOULD TAKE MATHEMATICS-2

If I want to attend a university, college, or technical institute after high school, but do not need calculus skills. Mathematics-2 is for students wishing to study at the post-secondary level in diverse fields, including arts programs, some engineering technologies, medical technologies, and some apprenticeship programs. This path will fulfill most students' needs. Mathematics-2 is designed with a great deal of flexibility, so that the student can switch sequences in Grade 11 or Grade 12 if his or her interests change.

I SHOULD TAKE MATHEMATICS-3

If I am interested in learning the mathematics needed to enter most trades or if I want to enter the workforce. Mathematics-3 is for students who want to apprentice to a trade or enter the workforce directly after high school. It is designed to meet the entrance requirements for apprentices in most trades programs.

Math

MATH 10C

This course is designed for students interested in careers in a wide variety of areas. It is a pre-requisite for students who want to take the -1 or -2 course sequence. Topics include Measurement (SI and Imperial), Trigonometry, Polynomial factoring and operations, Systems of equations and Linear relations and functions.

A mark of at least 65% in grade 9 is recommended in order to be successful in Math 10C.

MATH 10-3

This course is designed for students planning to enter a trade or the workforce. The Math-3 sequence aligns with entrance requirements for many trades programs, specifically levels one to three. Topics include Measurement (SI and Imperial), tolerance of instruments, Trigonometry, Geometry, transformation on 2-D shapes and 3-D objects, Finance, credit options, buying and leasing small business options and Logical and proportional reasoning.

MATH 10-4 & 20-4

These courses are designed for students who are in the Knowledge and Employability Program. Students will use number concepts to solve everyday problems. Patterns and relationships will be examined to assist with problem solving. Measurement skills be applied and geometric awareness will be developed.

MATH 15-5

This 5 credit course aims to build confidence in students by addressing cross-curricular competencies in the context of mathematics. The course will provide learning opportunities for students to think critically, apply multiple literacies, identify and solving complex problems, and demonstrating good communication skills by re-investigating concepts initially learned in middle school. This course is designed for students who struggled in or failed grade 9 Mathematics, but who would like to take Math 10-Common.

This course is recommended for students who got a mark of between 40% and 65% in grade 9 math.

MATHEMATICS 20-1

Prerequisite: 65% or higher in Math 10-C

Topics include Rational, Radical and Polynomial Expressions/Equations, Trigonometry for angles from 0 to 360 degrees as well as sine law, cosine law and the ambiguous case, Quadratic and Polynomial Functions/ Equations and Systems of Equations.

MATHEMATICS 20-2

Prerequisite: Math 10-C

This course sequence 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 calculus. Topics include Rates and Proportions, Spatial sense, Reasoning, Radical and Quadratic expressions/ equations, Statistics, and a Research Project.

MATHEMATICS 20-3

Prerequisite: Math 10-3

Topics include Measurement, Geometry, Spatial sense, Reasoning, Finances, Algebra, Slope and Statistics.

MATH LEARNING STRATEGIES 25/35

This course is designed for students who students who struggled in either Math 10C, 20-1, or 20-2. Students will be given the opportunity to relearn concepts from previous courses, as well as get assistance in the course they are presently in. *Math Learning Strategies 25/35 is recommended for students who got between 50% and 65% in math 10C, 20-1 or 20-2.*

Math

MATHEMATICS 30-1

Prerequisite: 65% or higher in Math 20-1

Topics include Trigonometry, Transformation of Functions, Inverses, Exponents and Logarithms Expressions/Equations, Polynomial, Radical and Rational Functions and Permutations, Combinations and the Binomial Theorem.

MATHEMATICS 30-2

Prerequisite: Math 20-2

Topics include Numerical and Logical Reasoning, Probability including Permutations and Combinations, Rational Expressions/Equations, Exponential and Logarithmic Expressions/Equations, and Polynomial and Sinusoidal Functions and a Research project.

MATHEMATICS 30-3

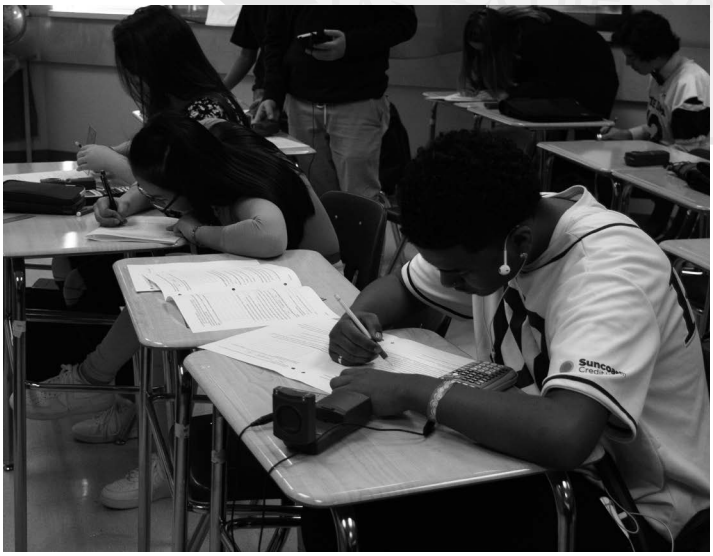
Prerequisite: Math 20-3

Topics include Basic Statistics and Probability, Measurement, 2-D and 3D Geometry, Trigonometry including sine and cosine law, Personal and Business Finance, and Algebra.

MATHEMATICS 31

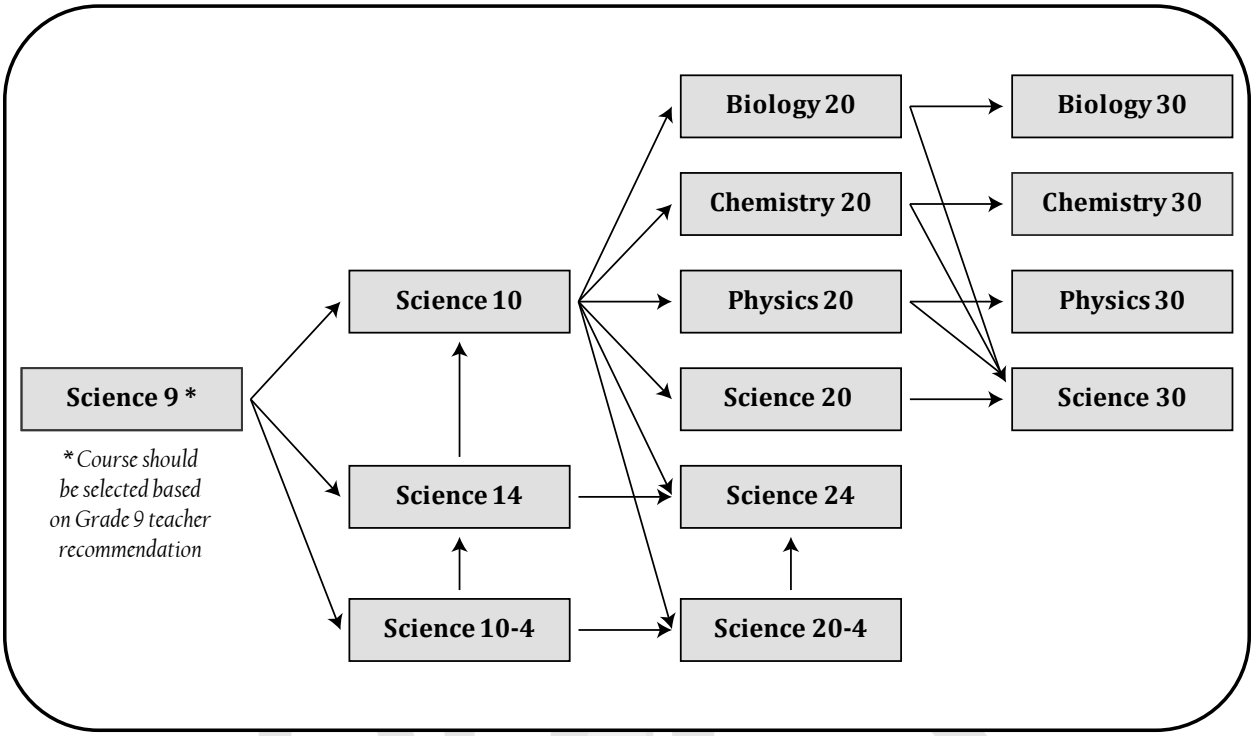
Prerequisite: Math 30-1

Is designed to bridge the gap between Math 30 & calculus courses offered by post-secondary institutions. Math 31 emphasizes the developments of topics in the algebra of functions, trigonometry, differential calculus and integral calculus. Students whose post secondary programs require Calculus either as a prerequisite or as a course to be taken will benefit by taking Math 31.





Science



Students in Grade 10 wishing to take a 20 level science in Semester 2 of their Grade 10 year must first meet with an administrator and be approved for the course(s).

All 20 and 30 level sciences require a strong grasp of math skills, including but not limited to: fractions, significant digits, isolating variables, order of operations, calculator/graphing skills, unit conversion, etc. Higher level math (at least at the 20-1 level) is strongly recommended before taking Physics 30 and Chemistry 30.

SCIENCE 10

Science 10 emphasizes three of the key components of science: energy, matter and change. Four major units include: Introduction to Chemistry, Introduction to Biology of the Cell, Introduction to Physics, Weather systems.

SCIENCE 14

The science 14 program is designed for students not planning to take any post secondary training and is required to complete the minimum credit requirements for a High School Diploma. Science 14 includes four major units of study. Properties of Matter, Energy Technologies, Life to Lifestyle and Matter and Energy in the Biosphere.

SCIENCE 10-4

This course is designed for Knowledge and Employability students. It focuses on developing and applying essential science skills, knowledge and attitudes needed for everyday living at home, in the workplace and the community. These skills are developed within a scientific inquiry framework and science related problems, questions and issues.

SCIENCE 20

Prerequisite: Science 10

Our Changing Earth, Change in Living Systems, Chemical Changes and Change in Motion.

SCIENCE 24

This is a continuation of the Science 14 program and is required to complete the minimum credit requirements for a High School Diploma. Major topics include: disease defence, energy consumption, materials we use and safety in transportation.

Science

SCIENCE 30

Prerequisite: Science, Biology, Chemistry or Physics 20

The units of study include: Living Systems, Respond To Their Environment (How the Human Body reacts to the Environment), Chemistry in Living Systems & in the Environment (Carbon Compounds, Acid Bases, Synthetic Organic Compounds), Electromagnetic Energy in Telecommunications (electricity & magnetism, telecommunications technology, electromagnetic energy), and Global Energy Sources (sun, mass to energy, gravitational fields, global demands for energy.

BIOLOGY 20

Prerequisite: Science 10

The Biosphere, Ecosystems and Populations, Biochemistry, Photosynthesis & Respiration and Five Body Systems of Humans (Muscle, Digestion, Respiratory, Circulatory and Excretion). S.T.S. (Science, Technology, Society) essays and labs on the major units.

BIOLOGY 30

Prerequisite: Biology 20.

Please see your grade administrator if you plan to take Biology 30 in grade 11.
Nervous and Endocrine systems, Reproduction & Development, Cells, Chromosomes & D.N.A. (cell division, genetics) and Change in populations & communities (populations made up of pools of genes). S.T.S.essays and labs in the units of study.

CHEMISTRY 20

Prerequisite: Science 10

The Diversity of Matter and Chemical Bonding, Forms of Matter: Gases , Matter as Solutions, Acids and Bases Quantitative Relationships in Chemical Changes.

CHEMISTRY 30

Prerequisite: Chemistry 20

Please see your grade administrator if you plan to take Chemistry 30 in grade 11. Thermochemistry (energy associated with matter changes), Electrochemistry (oxidation reduction reactors), and Equilibrium, Acids & Base Chemistry (a balance of opposing reactions in Chemical equilibrium systems), Acid, Base, Chemistry involving proton transfer. Organic Chemistry.

PHYSICS 20

Prerequisite: Science 10

Kinematics: Models of motion: Descriptions of uniform motion and accelerated motion. Graphing scientific information, Dynamics and Vectors: Newton's three laws of motion which describe why objects move: two dimensional motions gravitational concepts and vector diagrams, Periodic Motion: uniform circular motion, Kepler's laws, orbital motions and simple harmonic motion Conservation of Energy: Concepts of energy and how it changes in closed and open systems and Mechanical Waves: Introduction to wave terminology and basic properties.

PHYSICS 30

Prerequisite: Physics 20

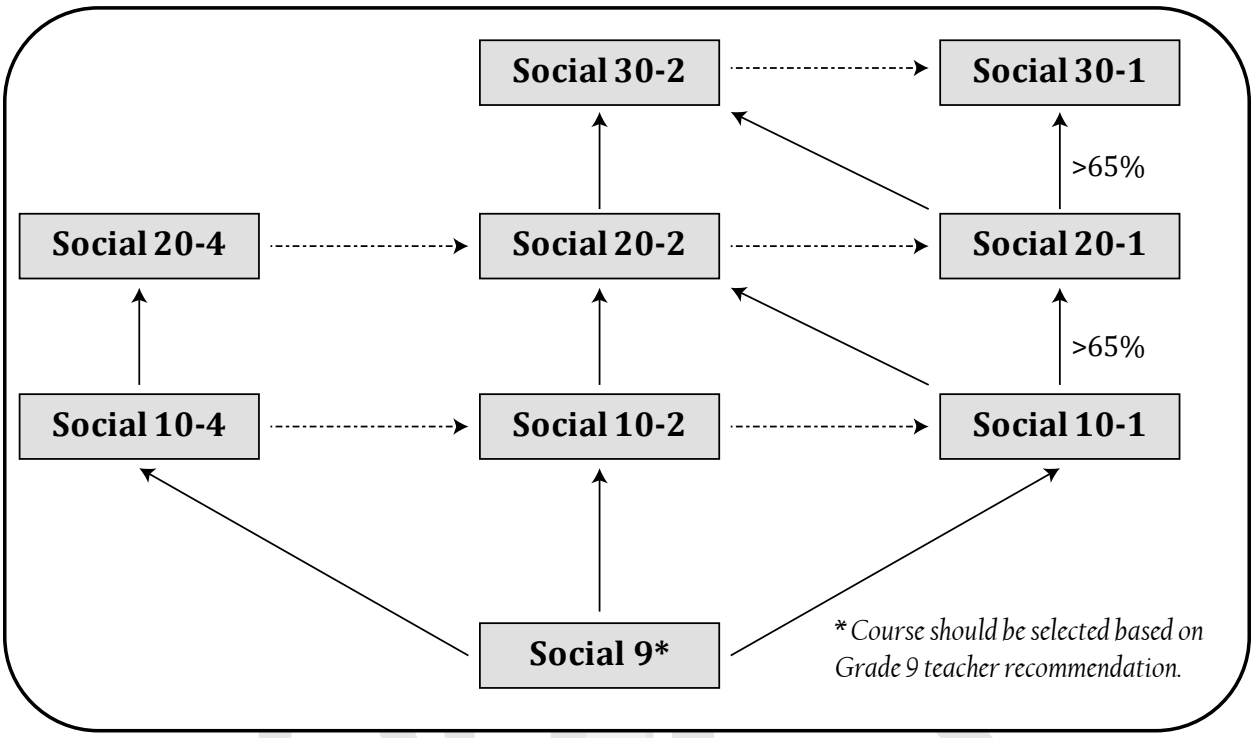
Please see your grade administrator if you plan to take Physics 30 in grade 11.
Momentum and Impulse
Electrostatics
Electromagnetism
Electromagnetic Radiation
Structure of Matter

FORENSIC SCIENCE 25: (NON-CORE)

Prerequisite: None at the introduction level

An introductory course that applies high school science skills in the field of Crime Scene Investigation. The course topics include: fingerprint analysis, microscopic analysis of trace evidence, breathalyzer/intoxilyzer testing, body fluid analysis, polygraph testing and document analysis and forensic genetics. It is recommended students have taken a grade 10 level science class.

Social Studies



SOCIAL STUDIES 10-1

Perspectives on Globalization

Students will explore multiple perspectives on the origins of globalization and the local, national and international impacts of globalization on lands, cultures, economies, human rights and quality of life. Students will examine the relationships among globalization, citizenship and identity to enhance skills for citizenship in a globalizing world. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and throughout the world, including the impact on Aboriginal and Francophone communities.

SOCIAL STUDIES 10-2

Living in a Globalizing World

Students will explore historical aspects of globalization as well as the effects of globalization on lands, cultures, human rights and quality of life. Students will explore the relationships among globalization, citizenship and identity. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal and Francophone communities. Students will develop skills to respond to issues emerging in an increasingly globalized world.

SOCIAL STUDIES 10-4

Living in a Globalizing World

This course is for those students who are entering the Knowledge and Employability Program

Should we embrace globalization? Students will examine globalization, the process by which the world is becoming increasingly connected and interdependent. They will explore historical aspects of globalization, as well as the effects of globalization on lands, cultures, human rights and quality of life. The infusion of multiple perspectives will allow students to examine the effects of globalization on peoples in Canada and other locations, including the impact on Aboriginal and Francophone communities. Students will develop skills to respond to issues emerging in a globalizing world, with particular emphasis on local environments and situations.

Social Studies

SOCIAL STUDIES 20-1

Prerequisite: Social Studies 10-1

Perspectives on Nationalism
Students will explore the complexities of nationalism in Canadian and international contexts. They will study the origins of nationalism and the influence of nationalism on regional, international and global relations. The infusion of multiple perspectives will allow students to develop understandings of nationalism and of how nationalism contributes to the citizenship and identities of peoples in Canada.

SOCIAL STUDIES 20-2

Prerequisite: Social Studies 10-2

Understandings of Nationalism
Students will examine historical and contemporary understandings of nationalism in Canada and the world. They will explore the origins of nationalism as well as the impacts of nationalism on individuals and communities in Canada and other locations. Examples of nationalism, ultranationalism, supranationalism and internationalism will be examined from multiple perspectives. Students will develop personal and civic responses to emergent issues related to nationalism.

SOCIAL STUDIES 20-4

This course is designed for students who have completed Social 10-4.

Nationalism in Canada and the World
Should we embrace nationalism? Students will examine various forms of nationalism and apply their perceptions to their own identity and sense of citizenship. They will investigate the influence of nationalism on historical and contemporary events. Students will explore the impacts of nationalism and efforts to promote internationalism. Examples will be drawn from the study of Aboriginal experiences, Québécois nationalism, Canadian nationalism, international institutions and current events.

SOCIAL STUDIES 30-1

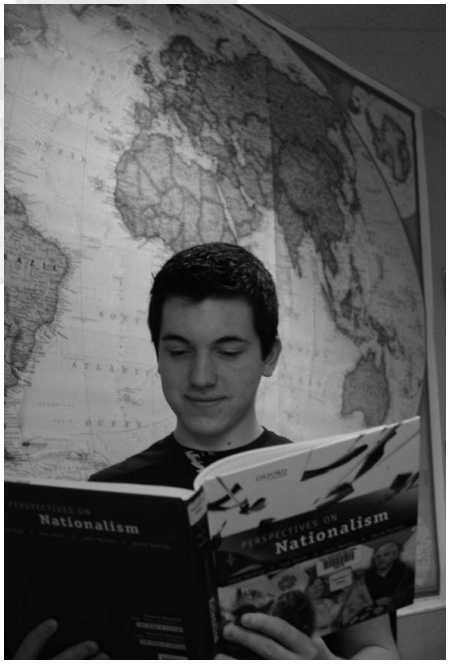
Prerequisite: Social Studies 20-1

This course is for those students who have achieved 60% or better as a mark in Social Studies 20-1. This course requires students to have a very strong work ethic and a good understanding of contemporary issues. The ability to formulate thoughts and opinions into a strong written essay is required. Students will explore the origins and complexities of ideologies and examine multiple perspectives regarding the principles of classical and modern liberalism. An analysis of various political and economic systems will allow students to assess the viability of the principles of liberalism.

SOCIAL STUDIES 30-2

Prerequisite: Social Studies 20-2

Students will examine the origins, values, and components of competing ideologies. They will explore multiple perspectives regarding relationship among individualism, liberalism, common good, and collectivism.



Physical Education

PHYS ED 10 *(Mandatory Graduation Requirement)*

This course is modular based. There are 2-3 teachers in the class who instruct and lead a variety of activities. Students have the opportunity to have a choice in some of the activities that they participate in, that appeal to their personal interests and strengths. The curriculum includes individual and group activities, fitness training and assessment, alternate environment activities, dance, gymnastics/rhythmics and leadership. Our program focuses on utilizing and being involved in our community, thus we are off campus at numerous community facilities such as curling rink, archery lanes, canoeing (Bower Ponds), arenas, swimming pools, gymnastic centers, field houses, and more. The modular approach of this class helps to promote the enjoyment of lifelong activity and stresses the importance of a healthy lifestyle by allowing students choice in their activities. **Modular PE will only be offered if numbers allow.*

PHYS ED 10-3

Students receive 3 credits. This on-campus class takes place every other day for one semester. The course focuses on lifelong fitness activities and is tailored for students who have time table conflicts or who traditionally don't favour P.E.

PHYS ED 10-5

Students receive 5 credits. This class takes place every day for one semester. This course is tailored for students who traditionally enjoy Phys Ed and includes off campus activities along with the traditional school-based units.

PHYS ED 20

This course is traditionally instructed with 1 teacher per class. Students participate in a wide range of activities following the curriculum. The curriculum includes individual and group activities, fitness training and assessment, alternate environment activities, dance, gymnastics/rhythmics and leadership. Our program focuses on utilizing and being involved in our community, thus we are off campus at numerous community facilities such as curling rink, archery lanes, canoeing (Bower Ponds), arenas, swimming pools, gymnastic centers, field houses, and more. This class helps to promote the enjoyment of lifelong activity and stresses the importance of a healthy lifestyle. This is course is offered either for 5 or 3 credits. **Two optional field trips** are offered to enhance students' educational experience. Students prepare to complete a **canoe trip** down the Red Deer River and conclude their cross country skiing unit with a **downhill ski and/ or snowboard day** (These trips are only offered for 5 credit classes).

PHYS ED 30

This course is traditionally instructed with 1 teacher per class. Students participate in a wide range of activities following the curriculum. The curriculum includes individual and group activities, fitness training and assessment, alternate environment activities, dance, gymnastics/rhythmics and leadership. Our program focuses on utilizing and being involved in our community, thus we are off campus at numerous community facilities like; the curling rink, archery lanes, canoeing (Bower Ponds), arenas, swimming pools, gymnastic centers, field houses, and more. This class helps to promote the enjoyment of lifelong activity and stresses the importance of a healthy lifestyle. This course is offered only for 5 credits. **Two field trips are offered** to enhance students' educational experience: Students complete an **overnight canoe trip** down the North Saskatchewan River (this includes canoeing, hiking and mountain climbing); and they conclude their cross country ski unit with an **overnight winter activities trip** (this trip includes cross country skiing, snowshoeing, and downhill skiing or snowboarding in the mountains).

Notre Dame Exploration Courses

Our philosophy is not to have students rush through high school or simply meet the minimum grad requirements. Students benefit and are better prepared for their career after high school, by experiencing a broad based program during their time here.

To better prepare our students to be 21st century citizens we strive to promote the development of the whole student and stimulate learning by preparing students to be global citizens with a wide array of educational experiences.

ND students are encouraged to partake in a variety of exploratory courses throughout their time here so that they can have exposure to the broad curriculum and unique experiences our school has to offer.

*** These courses will only be offered if the numbers allow**

Locally Developed Courses

ASTRONOMY 15-3

Prepares students to become successful contributors to Canadian society by providing learning opportunities to explore the immense connections between the history of the knowledge of the stars, human exploration, and technological advancements contributing to our understanding of the planet, solar system, and universe. Students will be guided to enhance their propensity to become ethically engaged citizens through appreciating their place within the solar system and universe; and the interconnectedness of social, economic, and environmental endeavours associated with space exploration.

HISTORY THROUGH FILM 20

Yesterday,Today & Tomorrow

In today's age students have become accustomed to acquiring knowledge through sources such as television and movies. Though books and text are essential in learning, films are familiar in the everyday lives of students. This course will allow students to explore and investigate how historical events have shaped society: politically, economically and socially.

History Through Film 20 will help students gain a sense of the historical past while investigating processes that are used to analyze world events.



Learning Strategies

LEARNING STRATEGIES 15/25/35 (3 AND 5 CREDIT)

Learning Strategies is a course that enables students to understand themselves and how they learn,. This information is further applied to memory techniques and test taking strategies. It becomes the students' toolbox for success. Half the class is dedicated to in-class work and the second half is open for students to get support with their other classes.



Modern Languages

SPANISH

Spanish is quickly becoming a vital language in the areas of trade and commerce. It is also one of the most commonly heard languages in Red Deer and is, therefore, a very useful language for our students to enter the working world, locally, or beyond our borders. Learning a second language encourages flexibility, open-mindedness and problem solving. It can be a fun and challenging process. Spanish 30 meets the language requirement for university level courses.

SPANISH 10

Prerequisite: None

The major goal of this course is to introduce the student to the Spanish language, culture and lifestyles. The student will develop listening, speaking, reading and writing skills in the Spanish language at the beginner's level.

SPANISH 20

Prerequisite: Spanish 10

The student will continue to develop listening, speaking, reading and writing skills and a deeper awareness of Spanish culture throughout the Hispanic world.

SPANISH 30

Prerequisite: Spanish 20

This is the final Spanish course at the secondary level. The student will develop good proficiency in speech and writing and will be prepared to use the language as a tool of communication at a post-secondary level.

FRENCH

The major goal of French is to enable students to acquire basic communication skills in French as a second language and to develop sensitivity for the French culture. Those who have successfully completed a three-year junior high French program with honours should register in French 20. Students who register directly to French 20 will receive retroactive credits for French 10 if they are successful in French 20. Students registering in French should register in the course equivalent to their background skills and knowledge.

FRENCH 10

Prerequisite: None

Previous French courses are an asset to be highly successful at this level. This is an academic program and extra work and effort is an expectation. Practice is provided in all language skills (listening, speaking, reading, and writing) and cultural sensitivity is developed.

FRENCH 20

Prerequisite: French 10

This is a continuation of the three-year sequence begun with French 10. The language skills are once again developed with a heavy emphasis on oral skills. Students who have studied French at the junior high level and who had a good degree of success should register in French 20.

FRENCH 30

Prerequisite: French 20

Proficiency at this level is an expectation. As in all three French courses, all language skills are emphasized and students must be very engaged in their language acquisition.

Career and Technology Studies

Trades, Manufacturing & Transportation Courses

MECHANICS 10

Prerequisite: None

This is a five credit course which is intended to be an introduction to Mechanics. The projects and classroom work are geared towards the skills and understanding needed to perform various repairs as well as scheduled maintenance of a vehicle. Ownership of a vehicle is not required for this course.

MECHANICS 20

Prerequisite: Students must earn all five Mechanics 10 credits in order to enroll in Mechanics 20.

This is a five credit course where students will expand on the knowledge gained from the Mechanics 10 program with a stronger focus on application and diagnostics. Students will work on customer vehicles under the direct supervision of the Journeyman Mechanics teacher.

MECHANICS 30

Prerequisite: Students must earn all five Mechanics 20 credits in order to enroll in Mechanics 30.

This is a five credit course where Students will continue to expand their knowledge and skills gained from the Mechanics 10 and 20 programs. Students will work on vehicles under the direct supervision of the Journeyman Mechanics teacher while gaining new skills and confidence. Some of the topics covered are: Engine Diagnosis, Engine Tune-up, Engine Removal, and Computer On-Board Diagnostics. Mechanics 30 is available as a ten credit course in special circumstances; see the instructor before enrollment for more information.

CONSTRUCTION SKILLS 10

Prerequisite for Cabinet making 20/30 and Building Operations.

Learn how to use a wide variety of shop tools to construct a small project. Learn about many opportunities and avenues the construction industry could take you. There is a $30 fee associated with this course.

BUILDING OPERATIONS 20

Prerequisite: Construction Skills 10

This course is intended for students to explore the many opportunities in the construction industry. Students can sign up for 5 or 10 credits. Students will be working on a large building project and will be developing a wide variety of building skills. There is a $30 fee associated with this course.

BUILDING OPERATIONS 30

Prerequisite: Building Operations 20

This course is intended for students who may be considering a career in the construction trades. Students can sign up for 5 or 10 credits. Students will take on a leadership role and will be developing several skills in the construction field including integration of technology, planning and estimating. There is a $30 fee associated with this course.

CABINET MAKING 20/30

Prerequisite: Construction Skills 10

Learn how to build furniture, cabinets and develop finishing skills. Students will have an opportunity to create beautiful pieces using a variety of techniques.

Media, Design & Communication Arts Courses

VISUAL COMMUNICATION 10

Prerequisite: None

This course provides an introduction to photography and graphic design with an emphasis on the Elements and Principles of Design - the vocabulary by which we create all visual communication. Student work will range from vector and raster graphics to photographic compositions. In addition, students will experiment with animation and web design techniques. This course is of special interest to those students who are looking to combine their creativity with computer and visual technology.

PHOTOGRAPHY 20 & 30

Prerequisite: Visual Communication 10

Students who choose the Photography stream will continue to explore photographic exposure and composition in still and moving images as it relates to the impact of the media and the power of visual storytelling. Advanced image editing skills will be honed and discussed in frequent class critiques.



GRAPHIC DESIGN 20 & 30

Prerequisite: Visual Communication 10

The Graphic Design stream is an exciting, multifaceted program that provides students with the opportunity to further their skills in areas like advertising design, animation, and web design. In this course, students will learn to apply fundamental elements and principles of design to authentic experiences by providing graphic design services for clients and building student portfolios.

DESIGN STUDIES 10

Prerequisite: None

This course is an introduction to The Engineering Design Process (the scientific method of design), architectural CAD software, 3D modelling, and 3D printing prototypes.

DESIGN STUDIES 20 & 30

Prerequisite: Design Studies 10

Intermediate design students will have a chance to specialize in an area of their choosing during authentic experiences in a design team environment. Possible areas include: Architectural/Interior/Landscape Design, Industrial/Product Design, and Engineering/ Parts Machining. They will be given individual and group challenges relevant to their chosen areas where they will further their knowledge of CAD software all while emphasizing the Design Process. At the advanced level, students focus on managing others while increasing technical skills. They study national and provincial government regulations for their chosen area of focus. This level also offers internship opportunities and the development of a network with community professionals.

Business, Administration, Finance & Information Technology Courses

COMPUTER SCIENCE 10/20/30

Prerequisite: None

Students are introduced to a general programming environment in which they write simple structured algorithms and programs that input, process and output data, use some of the more basic operators and data types, and follow a sequential flow of control. Students will further explore hardware, software and processes. This includes an introduction to the algorithm as a problem solving tool, to programming languages in general and to the role of programming as a tool for implementing algorithms.

LEGAL STUDIES 10

Prerequisite: None

Students explore workplace and consumer law. The focus includes their basic rights and responsibilities at a place of work and the legal aspects of buying, selling and renting goods and services. Students explore the legal relationship between the government and the citizen with an emphasis on criminal law. Students learn about laws affecting family members through the use of realistic scenarios and case studies.

ROBOTICS

R2D2, Johnny Five, BB-8! What do these share in common? Besides being awesome...they are all robots! You too can learn to build and program robots. From simple one task machines to autonomous creations that serve a number of purposes, this course will provide you with the starting foundations of coding and robot construction. This course is a good fit for those that like problem solving and hands-on learning. Skill level required ranges from none to intermediate.



FINANCIAL MANAGEMENT 10

Prerequisite: None

Centres on a service type business and provides the student with the opportunity to learn how the financial position of a business firm is determined, and how the various daily business transactions affect the accounting records. The course covers the complete accounting cycle in its simplest form, banking activities, and payroll procedures.

FINANCIAL MANAGEMENT 20

Prerequisite: Financial Management 10

Covers the accounting duties encountered in a merchandising business. The accounting cycle is expanded to include the worksheet with adjustments, which organizes information required for the creation of financial statements at the end of a fiscal period. Other material covered includes special journals, synoptic journal, subsidiary ledgers, advanced payroll procedures, and the completion of a practice set.

FINANCIAL MANAGEMENT 30

Prerequisite: Financial Management 20

Provides a basic understanding of the accounting procedures applicable to single proprietorships, partnerships and corporations as well as personal income tax (Students will complete an appropriate computer simulation that incorporates realistic documents and tasks.). This simulation integrates the knowledge skills and attitudes needed in the financial management of a small business.

Health, Recreation & Human Services Courses

FOODS 10

Foods 10 uses a hands-on approach to introduce students to basic kitchen safety, food safety and nutrition while students learn to cook following the Canada's Guide to Healthy Eating. Each course has a theory component, an exam and practical lab experiences. Courses covered may include: Food Basics, Contemporary Baking, Snacks and Appetizers, Canadian Heritage Foods and Farm to Table. There is a $30 fee associated with this course.

FOODS 20

Prerequisite: Foods 10

Foods 20 is a continuation of the skills learned in Foods 10 at a more advanced level. Students start to take control over the recipes they make and begin to focus on presentation and serving customers. Course work covered may include: Cake and Pastry, Soups and Sauces, Fish and Poultry, Meat Cookery, Meal Planning and International Cuisine. There is a $30 fee associated with this course.

FOODS 30

Prerequisite: Foods 20

Foods 30 continues to develop the skills learned in Foods 20 at a more demanding level. As students learn and cook they build a digital portfolio of all the recipes they have mastered. Course work covered may include: Creative Baking, Advanced Soup and Sauces, Food Presentation, Advanced Meat Cookery, Entertaining with Food, Advanced Breads and International Cuisine. Commercial experience in the Cougar Café or catering school events is an additional component to Foods 30. There is a $30 fee associated with this course.

FOODS 35AP

Prerequisite: Foods 30

Foods 35 continues to develop the skills learned in Foods 30 at a more demanding level. This is an independent self directed course under the guidance of the teacher. Various course options are available and may include commercial experience in the Cougar Café. Please see Mr. Lerouge for more information. There is a $30 fee associated with this course.

EARLY CHILDHOOD 10

Students investigate and experience the exhausting schedule required to care for a newborn and identify the stages of child development from the beginning of life to age six while promoting the physical, intellectual and language development in children through those initial life stages. They also investigate the roles and responsibilities of a child care worker, and develop communication, observation and skills for guiding behaviour. Mechanical babies are used to assist student learning.

MEDICAL STUDIES 10

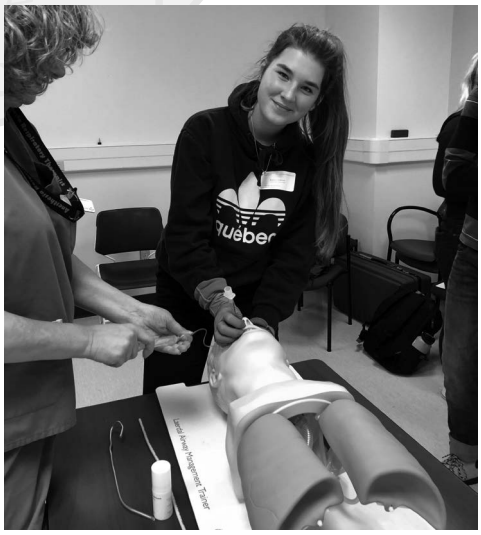
Prerequisite: None at the 10 level

Students examine fundamental attitudes, knowledge and skills to prepare for further study in career pathways in health services. Concepts include basic principles of anatomy, physiology and disease with a focus on infection, components of blood and the role of blood in the body's defense and the cardiovascular system.

MEDICAL STUDIES 20

Prerequisite: Medical Studies 10

Students continue with the study of the immune system and introduces students to the nervous system and its disorders and a project module that involves hands on activities with taking vital signs, wound care, tourniquet use and suturing. This is a great introductory course for any student interested in pursuing a career in health services!



Health, Recreation & Human Services Courses

SPORTS MEDICINE 10/20/30

Prerequisite: None at the 10 level

Students learn prevention, assessment, and management techniques related to injuries that may occur during recreation and sporting events and activities. Students develop an appreciation for the role of a first-aider as it pertains to the individual, family, peers, community, and sports medicine team. Students learn basic coaching skills common to all sports in the areas of planning and delivering a practice, teaching and learning, and mental skills training related to coaching. Students develop an appreciation for the role of a coach in community recreation programs.

SPORTS PERFORMANCE

Prerequisite: None

Elite Athlete Sport Performance is focused on the student athlete that is involved in the club, provincial, national team level. Students participating in this course should have clear and well thought out athletic goals and should be highly motivated. Sports Performance is a combination of theoretical and practical exposure to a proper training principals (focusing on strength, power, intensity and conditioning). Our program is distinctive, if not unique, in its focus on maximizing explosive response, developing power, cross-training with constant training and practice with full body functional movements. Elite Athlete Sports Performance also focuses on psychology, goal setting and personal development. These high level training skills will allow for peak athletic performance, but will also help to shape a productive, caring citizen of our community. Elite Sports performance will be part of the regular school day timetable and offered as a 3 credit course. The cost for this course is to be determined.

FIT4LIFE

as two 3 credit courses

This course is offered Tuesday, Thursday, & Friday at 7:00am each semester. This course focuses on fitness training as a life-long activity, doing activities such as: core training, cross country running, kettle-bells, spin classes, cycling, yoga, Pilates, swimming, weight lifting, and other activities - there is a $50 fee associated with this course. The course will also give basic knowledge in nutrition and careers in and dealing with fitness. The course gives each student the opportunity to earn 3 credits. There is potential for a culminating activity for the course is being... "The Tour de Notre Dame" which is a (non-mandatory but highly encouraged) once in a lifetime cycling trip from Jasper to Banff. There is a cost associated with the bike trip. This fee will be discussed within the course in the first few weeks.



Health, Recreation & Human Services Courses

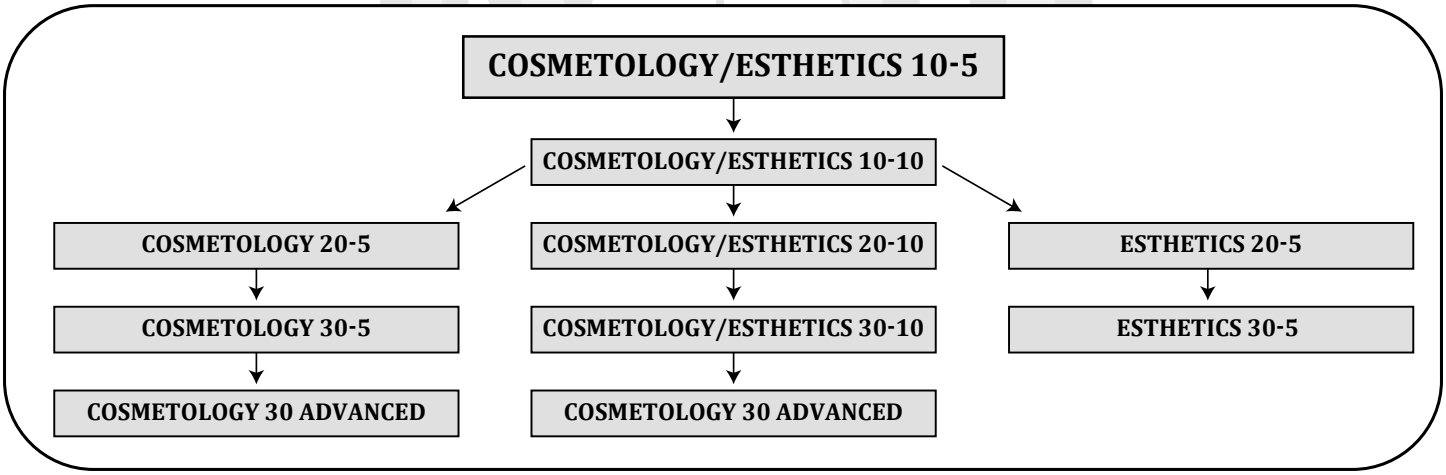
SPORTS PERFORMANCE BASKETBALL/VOLLEYBALL

Looking for a class to get you prepared physically and mentally for high school basketball and/or club Volleyball? Look no further! Basketball/Volleyball Elite will be offered in block zero (6:45-8:15am) on Monday/Wednesday/Friday in Semester 1. In this class, STUDENT ATHLETES will participate in sport specific training programs to help them prepare physically for their particular sport. The class will also teach these STUDENT ATHLETES about proper sports nutrition, hydration and effective sports psychology techniques to help them with the rigors of their sports. THIS CLASS IS NOT FOR EVERYBODY - prospective STUDENT ATHLETES will need a referral, or have an interview process to be accepted into this program. Students may also have the opportunity to gain an officiating or coaching credit for their specific sport as well.

SPORTS PERFORMANCE FOOTBALL/RUGBY

Looking for a class to get you prepared physically and mentally for high school RUGBY and/or FOOTBALL? Look no further! Football/Rugby Elite will be offered in block zero (6:45-8:15am) on Monday/Wednesday/ Friday in Semester 2. In this class, STUDENT ATHLETES will participate in sport specific training programs to help them prepare physically for their particular sport. This class will also teach these STUDENT ATHLETES about proper sports nutrition, hydration and effective sports psychology techniques to help them with the rigors of their sports. THIS CLASS IS NOT FOR EVERYBODY - prospective STUDENT ATHLETES will need a referral, or have an interview process to be accepted in this program. Students may also have the opportunity to gain a officiating or coaching credit for their specific sport.

Cosmetology



COSMETOLOGY/ESTHETICS 10-5

This is an exciting fast paced class that provides students with an introduction into the beauty industry. This is a dual credit course meaning that students earn both high school credits as well as trade transferable courses in accordance with the Alberta Apprenticeship Trade Board. Cosmetology 10 is a combination of introductory Cosmetology, introductory Hairstyling Apprentice recognized courses, and introductory Esthetics.
The Cosmetology 10 course is made up of individual courses that are valued at one credit each. There is a $30 fee associated with this course.

Health, Recreation & Human Services Courses

COSMETOLOGY/ESTHETICS 10-10

Prerequisite: Cosmetology/Esthetics 10-5

This is a continuation of cos/est 10-5 that will allow you to continue to explore the hair and the esthetic industry. It is still a dual credit course meaning that students earn both high school as well as trade transferable courses in accordance with the Alberta Apprenticeship Trade Board. Some areas that will be covered are color, long hair, makeup and facials. This course is predominantly hands on with some theory. There is a $30 fee associated with this course.

COSMETOLOGY 20-5

Prerequisite: Cosmetology/Esthetics 10-10

This course will now focus on hair alone. Students will learn cutting, coloring and perming. This is a dual credit course meaning that students earn both high school as well as trade transferable courses in accordance with the Alberta Apprenticeship Trade Board. There is a $30 fee associated with this course.

COSMETOLOGY 30-5

Prerequisite: Cosmetology 20-5

This course will elaborate on various cutting/coloring techniques as well as perms. This will start to allow some personalization techniques to the skill level. This is a dual credit course meaning that students earn both high school as well as trade transferable courses in accordance with the Alberta Apprenticeship Trade Board. There is a $30 fee associated with this course.

COSMETOLOGY 30 ADVANCED

Prerequisite: Cosmetology 30-5

This is a dual credit course meaning that students earn both high school as well as trade transferable courses in accordance with the Alberta Apprenticeship Trade Board. Students at this level will be training at an advanced level. While mainly focused on hands on skills, these techniques for coloring and cutting will be highly innovative and challenging. There is a $30 fee associated with this course.

COSMETOLOGY/ESTHETICS 20-10

Prerequisite: Cosmetology/Esthetics 10-10

This is a dual credit course meaning that students earn both high school as well as trade transferable courses in accordance with the Alberta Apprenticeship Trade Board. Students will continue to enjoy learning both hair and esthetic skills. Introduction into cutting/perming as well as continuing to color. Skin, nails, hair removal and pedicures will be focused on for esthetics. There is a $30 fee associated with this course.

COSMETOLOGY/ESTHETICS 30-10

Prerequisite: Cosmetology/Esthetics 20-10

This is a dual credit course meaning that students earn both high school as well as trade transferable courses in accordance with the Alberta Apprenticeship Trade Board. Students will focus on nail enhancement, lash/brow tinting, lash extensions and client services for the esthetic portion. The cosmetology side will elaborate on cutting and coloring hair. This course is very hands on and attendance is crucial for success. There is a $30 fee associated with this course.



Health, Recreation & Human Services Courses

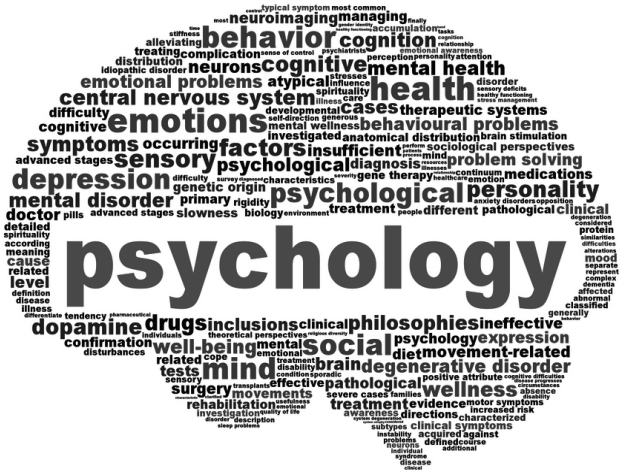
WILDLIFE AND OUTDOOR ED.

Outdoor Education 15-35 allows students to develop their skills, knowledge and attitudes to safely enjoy the outdoors. Numerous classes are spent outside in our parks system, participating in hands-on activities. Students will learn about the environments around them, outdoor living skills, outdoor leadership and guiding skills. Each semester various educational experiences/field trips are offers to provide an authentic educational experience. These experiences range from day hikes, fishing trips, snowshoeing in the mountains and more. There is a $30 fee associated with this course.

PSYCHOLOGY 20

Prerequisite: None

Through the study of psychology, the science of mind and behaviour, students gain an understanding of the complexities of human thought and behaviour, as well as the factors related to the differences between people. The objectives of the 3-credit courses in psychology are designed to develop within the student the skills and understandings that make it possible for more effective living in our complex environment. The student's attention will focus on the understanding of human behaviour so that he or she may appreciate more fully the reasons that underlie one's own acts and those of one's peers. Students are able to directly apply knowledge gained from a psychology class to their daily lives.



LANDSCAPING

This course will focus on designing an outdoor space and maintaining our greenhouse space. Students will develop an awareness of living elements, natural elements and abstract elements that all are part of planning and implementing process. Students must be prepared to work outside and engage in manual labor.

FASHION STUDIES IS SEW FUN!

In this 3 credit introductory course, students will learn safety and skills for caring for sewing equipment. They get to explore their personal style by choosing and modifying patterns to assemble their own personalized garments and accessories.

SPECIAL PROJECTS 35

This is a course that allows you freedom. Do you have a passion for something specific and want to make changes? Perfect! Have an idea for something you could sell? Wonderful! Have an event you want to plan for the school or community? Great! This course was made for you! You will organize and implement something of your own with some teacher guidance. Whatever passion or curiosity you choose to explore, you will learn more about yourself and your skills, while changing the school, your community, or the world!

École Secondaire Notre Dame High School

Fine Arts

DRAMA 10

Prerequisite: None

This course stresses the development of self-awareness and the fundamental skills of theatre artistry in such disciplines as speech, movement, improvisation, acting, theatre history, theatre ethics, and lighting.

DRAMA 20

Prerequisite: Drama 10

This course is a further extension of the developmental process explored in Drama 10. Students have more responsibility and are expected to participate in the rehearsal and public performance of one-act and full-length plays.

DRAMA 30

Prerequisite: Drama 20

As an extension of work in Drama 10 and 20, students in Drama 30 are expected to participate and lead in the rehearsal and public performance of one-act and full-length plays. As well, Drama 30 students focus on the development of directing skills.'

TECHNICAL THEATRE 15, 25, 35

Prerequisite: Interview

Technical theatre provides a continuum of theatre experiences that moves well beyond the introductory or exploratory activities outlined in Drama 10, 20, 30. Students will have the opportunity to explore stage management, costume design, lighting design, sound design, properties and backstage management. They will actively be involved in the technical aspects of the Musical Theatre production. This course is open to all interested students in the school but students must be selected in a formal interview process. Classes will run outside the regular timetable three times a week and attendance is required at some of the Musical Theatre production rehearsals. Regular rehearsals run after school on Tuesdays and Wednesdays from 3:30-6:00pm, and approx. every other Saturday, with the time commitment increasing in the month prior to the opening of the show. There is a $30 fee associated with this course.

ONE ACTS PRODUCTION 15, 25, 35 (ADVANCED ACTING 15P)

Prerequisite: Successful audition for an NDHS drama production & Drama 10

One Acts is designed for students who wish to further develop theatre skills, and/or those who may not have time during the regular schedule. One Acts production has a special focus on performance, and therefore looks at all components necessary to put on a show for an audience - drama, music, movement/dance, technical theatre, and dramaturgy. Students are expected to have completed or be currently taking Drama 10. Students enrolled will work as a repertory company taking on both lead and supporting roles. This course is open to all students in the school, but students must audition. Regular rehearsals run after school on Tuesdays and Wednesdays from 3:30-6:00pm with the time commitment increasing in the month prior to the opening of the show.

ADVANCED ACTING 15, 25, 35 (ADVANCED ACTING 15A)

Prerequisite: Drama 10

Advanced Acting is designed to extend the foundational skills outlined in Drama 10, 20, and 30. It is designed for students who wish to deeply enrich their skills in theatre, based on a love of the art or if pursuing performing arts in post-secondary is a consideration. Consequently the focus is on all the components of performance: drama, music, movement/dance, technical theatre, and dramaturgy. Students are expected to have completed Drama 10. This course is open to all students, and is suggested for students who are unable to stay after school for other performing arts programs, and have a commitment to deepening their understanding of theatrical performance.

Fine Arts

DANCE 15/25/35

Prerequisite: None at the 15 level

This course will allow students to experience a wide variety of dance and to focus on the appreciation of dance as an art form. It will take a look at Ballet, Tap, Jazz, Modern, Rhythm and Timing, and Composition. It is highly suggested for students enrolled in Musical Theatre, whom wish to continue in the Fine Arts, or have a true love of dance.

MUSICAL THEATRE 15, 25, 35

Prerequisite: Successful audition for a NDHS drama production.

Provides an opportunity for students to continue to study drama and music corroboratively. It allows students to investigate and experience a new art form. Students are introduced to the history and literature of Musical Theatre from the 20th century to present day and explore the stylistic distinctions found in the musical as well as its social and cultural significance. Interested students are advised to inquire early regarding timetabling of this course. This course is open to all students in the school, but students must audition. Regular rehearsals run after school on Tuesdays and Wednesdays from 3:30-6:00pm, and approx. every other Saturday, with the time commitment increasing in the month prior to the opening of the show. There is a $30 fee associated with this course.

INSTRUMENTAL MUSIC 10, 20, 30

Prerequisite: None at the 10 level

Instrumental Music is a continuation of the Middle School Band Program. Emphasis is placed on technical, tonal, and expressive development. Interested students are advised to inquire early regarding timetabling of this course. It runs the duration of the entire school year. Students may choose from alternating days within the traditional schedule or weekly rehearsals from 7:40-8:40 am, Mondays, Wednesdays, and Fridays. Students completing the 10-month program earn 5 credits.

JAZZ MUSIC 10, 20, 30

Prerequisite: Successful audition or Teacher recommendation

Students participate in a big band style ensemble. Emphasis is placed on the development of technical and improvisational skills through the performance and understanding of the cultural significance of jazz music. Classes are offered 7:40-8:40 am, Tuesdays and Thursdays.

GUITAR 10 (GENERAL MUSIC 10G)

Prerequisite: none

This course is designed for students with little or no previous musical experience, who wish to learn more about music and specifically, how to play the guitar. Instruction is given in basic guitar techniques, including the reading and playing of melodies, rhythms, and chording. Musical theory and the history of western music are also examined, along with their relation to guitar, other instruments, and popular culture. An acoustic steel string or nylon string guitar is needed for the course. An electric guitar may be used only for special projects.

MUSIC TECHNOLOGY 10 (GENERAL MUSIC 10T)

Prerequisite: none

This course is designed for students who are interested in a musical experience in a non-performance based environment. It provides an opportunity to learn more about music and music technology. Instruction is given in sound reinforcement, recording, and composition. Musical theory and the history of western music are also examined, along with their relation to technology and popular culture. Basic music reading and writing skills are recommended but not required.

Fine Arts

INTRODUCTORY BAND 10 (GENERAL MUSIC 10B)

Prerequisite: none

Introductory Band is a unique opportunity for students in Grades 10-12 with little or no previous musical experience. In this course, students are able to select an instrument of study (subject to availability) and learn the fundamentals of playing a wind or percussion instrument in a high school band setting. Opportunities for advancement into the Instrumental Music 10, 20, 30 class are dependent upon the individual student's progress throughout this course.

*Note: Credit may be received for only one General Music 10 course.

ART 10

Prerequisite: None

Students in Art 10 are introduced to the Elements of Art: line, shape, texture and pattern, value and color. Through sketchbook and design studies, students learn about how artists use these elements of art, to create both two-dimensional and three-dimensional art work. Students then put their knowledge to work, by using critical and creative thinking skills to create studio art projects, using various media, such as graphite, acrylic and watercolour paint, wire, clay and charcoal. Finally, the Elements of Art and the students creative processes are both analyzed through an art criticism process. Art is fun! There is a $30 fee associated with this course.

ART 20

Prerequisite: Art 10

Students who have completed Art 10 may choose to continue their creative journeys in Art 20, where we focus on some of the Principles of Design: balance, figure/ground, contrast, and direction/movement. As in Art 10, students use sketchbook and design studies to explore these concepts and then put their knowledge to work, while creating studio projects, using various media and being introduced to some Art History. Being able to talk about art and appreciate various art forms are skills that are also developed, through the continued use of the Four Step Art Criticism. There is a $30 fee associated with this course.

ART 30

Prerequisite: Art 20

Students in Art 30 complete their exploration of the Elements and Principles of Design, by focusing on repetition and rhythm, emphasis, harmony and unity. Along with sketchbook and design studies, various artistic processes and forms of media are explored, including monotype print making, batique, and sculpture with various materials. The processes and the media are explored through various studio projects that enable the students to explore the Elements and Principles of Design and develop their own style of personal expression. Art criticisms further help the students explore some Art History and Art Appreciation. There is a $30 fee associated with this course.





Dual Credit Programs

Dual credit programs allow our students to take a post-secondary course, or a series of courses and earn both high school credits, as well as college/university credentials. All courses are offered tuition fee, but require an application process for acceptance. Spaces are limited and students must meet the requirements of each specific program in order to be eligible.

We are committed to offering every available advantage to our students with a wide variety of diverse educational experiences and opportunities.

Dual Credit offerings are being added to frequently. If you do not see something here that is of interest to you please inquire and we will explore available opportunities.

- Medical Terminology (Medical)
- Anatomy and Physiology (Medical)
- Psychology (Medical, Social Work,transfers into several pathways)
- Educational Assistant
- Hospitality and Tourism
- Marketing (Business and Trades))
- Interpersonal and Relationship Communication Skills (Medical and Social Work)
- Entrepreneurship (Business and Trades)
- Web Design (Business and Trades)
- The Criminal Justice System
- Agriculture Service Technician
- Landscaping
- Horticulture
- Introduction to Addiction Studies (Social Work)
- Environmental Stewardship - Site Mapping & Graphics
- Land Reclamation and Remediation - Geographic Information Systems
- Religious Studies

Many of these courses can be grouped to earn Certificates of Achievement in a variety of different areas including Medical Administration, Practical Nursing Business Management etc. Please inquire.

School within a College (SWAC)

School within a College (SWAC) is a program available to Grade 12 students in their second semester. This unique opportunity allows our students to attend technical training classes at Red Deer College (RDC) starting in February.

This is a pre-employment program, which runs for six hours a day. Students earn nineteen 30 level credits. Students in the program have an opportunity to train with their college instructors for other opportunities, such as Regional Alberta Skills Competitions. At the competition of the course, students are prepared to challenge their first-period apprenticeship exam. Pre-planning is vital to students being accepted into this program, as they must complete many of their graduation requirements by the end of Semester 1.

Programs in SWAC:

- Pre-employment automotive service technician
- Pre-employment welding
- First period Culinary

If you are interested in applying for Dual Credit, please visit https://offcampus.rdcrs.ca/dual-credit

For more information on Dual Credit programming, please contact Tracey Millar at rdcrsoffcampus@rdcrs.ca.



Green Certificate

The Green Certificate Program provides student trainees with opportunities to enter a variety of agriculture learning pathways as a part of their senior high school program. Students can earn up to 16 Grade 12- 30 level diploma credits and a credential leading to a career in agribusiness.

Students learn on the job, under the direction of experienced farm personnel and under the supervision and administration of Alberta Agriculture and Forestry and Alberta Education.

Trainees select one of the specializations and under the guidance of their trainer, work towards mastering all skills within their training program.

There is no deadline for applications and students can register through their off campus teacher at any time during the year. Tests are done when the student feels they have mastered one of the three sections. Testing is done in Olds by a person in the agriculture area of study. All tests are given orally and students are assessed on their knowledge.

Areas of study include:

- Beekeeper production
- Cow calf beef production
- Dairy production
- Equine production
- Feedlot beef production
- Field crop production
- Greenhouse production
- Irrigated field crop production
- Broiler Chicken
- Broiler hatching egg
- Table egg
- Turkey
- Sheep production
- Swine production

All students must take ARG 3000 - Agriculture Safety, prior to enrollment in any of the green certificate programs. This course is available through St. Gabriel Learning Center. Please fill out this application AGR3000 - Agriculture Safety form or type bit.ly/rdcrsagr3000

All training sites must be inspected by the off-campus teacher.

If you are interested in applying for the Green Certificate, please visit https://offcampus.rdcrs.ca/green-certificate

For more information on the Green Certificate programming, please contact Tracey Millar at rdcrsoffcampus@rdcrs.ca.

Work Experience...
Earn While You Learn!

Here at Notre Dame we're not just interested in your life during high school, we want to ensure that you have a wide range of exciting prospects for life after graduation. Notre Dame offers two programs which allow students to earn a competitive wage while they work toward their high school diploma, and perhaps even begin a rewarding career.

If you'd like to earn while you learn, our school will work with you to make it happen!

Do you have a part-time job? Did you know that you can receive credits while you earn your regular wage? Our Work Experience program provides Grade 10, 11 or 12 students with valuable job skills, employment experience, and one high-school credit for each 25 hours they work. You can work after school, or on weekends, in positions with fast food restaurants, retail or grocery stores, warehouses, daycares or virtually any other paid or volunteer job.

With the RAP program you have a chance to complete your high-school diploma, earn a competitive wage, and accumulate hours towards your first year of a registered apprenticeship in the skilled trades, all before you graduate! The RAP program involves training in all certified trades in Alberta, including:

Construction trade, such as carpenters and electricians
Automotive trades, such as mechanics and auto body technicians
Oilfield trades, such as welders and boilermakers
Food service trades, such as cooks and bakers
Technology trades such as communications technicians
Cosmetology trades, such as hairstylists

...and over 40 more!

You can register in RAP during Grade 10 or 11 – a great first step toward a challenging and profitable career in the skilled trades. Contact a counsellor or your grade administrator for more information.

If you are interested in applying for Work Experience, please visit https://offcampus.rdcrs.ca/work-experience/how-to-apply

If you have questions please contact the off campus teacher rdcrsoffcampus@rdcrs.ca

REGISTERED APPRENTICESHIP PROGRAM

The Registered Apprenticeship Program (RAP) is an apprenticeship program for senior high school students 15 years of age or older. RAP students are both full-time students and registered apprentices, and must be actively working toward the completion of senior high school. The amount of time a RAP student spends at school and on the worksite can be quite flexible, allowing the student to divide their time between an approved work site and their senior high school. As a worker, the RAP apprentice is expected to take on the same responsibilities as a regular apprentice and be just as productive. The RAP apprentice is punctual, completes tasks as assigned, and observes all safety regulations and other rules of the employer. As a student, the RAP apprentice attends classes, completes school assignments and maintains passing grades.

WORK READINESS 10-4

This course is designed for Knowledge and Employability Students. Students will develop employability skills to find, acquire, and keep a job. It provides a supportive environment to work on and enhance work related skills, such as career planning, communication skills and personal portfolios.

WORK OCCUPATIONS 10-4, 20-4, 30-4

Prerequisite: HCS 3000 Workplace Module completed online school in grade 10 year

This course is designed for Knowledge and Employability Students. It offers a balance between school based and work based learning that provides options for students to enter the workplace. It promotes partnerships between the community businesses to allow for work studies, job shadowing and training.







myPass

All high school students need to register for a My Pass account. We strongly encourage you to have this completed in grade 10. Once you have completed the request for access, you will receive a letter in the mail with a code that you will need to enter to complete the set up of your account. This code does come with an expiration date so be sure to set it up immediately!

myPass
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myPass
MY EDUCATION, OUR FUTURE

myPass is an Alberta Education secure self-service website for high school students to:

- View and print diploma exam results statements
- Order transcripts
- And more

Visit *myPass.alberta.ca* to request access.

Alberta



École Secondaire
Notre Dame High School

God is our Power Knowledge is our Strength