

# R. D. PARKER COLLEGIATE

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*“Learners today, Leaders tomorrow”*

## REGISTRATION GUIDE

Grades 9, 10, 11, & 12

2017 – 2018

COURSE SELECTIONS

# WELCOME

Welcome to R. D. Parker Collegiate. Our Student Registration Guide is intended to be useful in helping you to make course selections for the 2017-18 school year.

The first part, **Registration Basics**, contains the major guidelines and basic information about registration and the different types of courses.

Part II, **Credit recovery and additional credit options** explains other ways to obtain credits at our school.

Part III **Course Descriptions**, gives a description of each course that may be offered during the 2017-18 school year and indicates if there are prerequisites for these courses.

Courses are organized alphabetically by grade. Some course names have changed so we included the (older names) in brackets at the beginning of the course description.

This Registration Guide is provided to students and parents/guardians so that you may make informed educational choices. It is important to refer to the guide as you go through the registration process. If you need assistance please contact a member of our student services team. Contact information is provided in this guide.

We also have included information about Career Cruising, an online computer program that may assist you in your future career path.

## CAREER CRUISING

Improved student awareness and planning for the future is an important goal in our school. To assist students in their planning efforts, we have a school career exploration website: Career Cruising. Following is the access information:

Site: [www.careercruising.com](http://www.careercruising.com)

Username: rdpc-\_\_\_\_\_\*  
\*RDPC student number

Password: m m d d y y y y \*  
\*Birthdate

Your account Username is the prefix `rdpc` -followed by your 6 digit student ID number (e.g. rdpc-123456). You can find your student ID number in the following places: on your student card, your report card, on student connect or from a counsellor or teacher.

Your account Password is your birth date in the “m m d d y y y y” format. For example August 25<sup>th</sup>, 1990 would be represented as 08251990.

After your first account login, you will be required to immediately select a new password. This is necessary so that your account will be more secure. This password must be at least six characters long. The password you choose should be one that refers to something that will be fairly easy for you to remember. Finally, it is best if you write your username and password on a career cruising access card for easy reference. You can get an access card from the secretary in Student Services.

Once inside your Career Cruising account you will see that there are several options that you can click on. Do some exploration to see what each feature has to offer. A good activity to start with there is Career Matchmaker. You can access Matchmaker by clicking on either the Explore My Interests assessment tab on the left hand side, or Assessments on the top menu. Then click on Career Matchmaker. Counselors are available to assist students with any exploration they do on the site.

**PART I**

**REGISTRATION**

**BASICS**

## A. THE CREDIT SYSTEM

Manitoba Education requires that a student earn a minimum of thirty (30) credits to graduate from High School (Grades 9 - 12). In order for a student to achieve a credit he/she must complete 110 hours for a full credit, or 55 hours for a half credit, and obtain a minimum of 50% in each course.

## B. MAIN PROGRAMS OF STUDY

- |                     |                     |
|---------------------|---------------------|
| 1. ENGLISH          | 3. TECHNOLOGY MAJOR |
| 2. FRENCH IMMERSION | 4. ALTERNATE        |

The English, French Immersion and Technology programs are regular programs that students can choose between based on their interests and future plans.

The Alternate Program is modified to meet the needs of certain students. Placement in this program and course selection is overseen by Special Services and the classroom teacher.

## C. COURSE DESIGNATIONS

Senior Years (High School) courses have number and letter designations (e.g. Grade 9 Science [10F] and Grade 10 Mathematics [20S]). The course codes contain three characters, which can be deciphered as follows:

### A. First Character

- 1...courses developed for Grade 9
- 2...courses developed for Grade 10
- 3...courses developed for Grade 11
- 4...courses developed for Grade 12

### B. Second Character

- 0...course developed or approved by Mb. Ed. for 1 credit
- 5...course developed or approved by Mb. Ed. for ½ credit
- 1...course developed by school and registered by Mb. Ed. such as: School-Initiated Course (SIC) or Student-Initiated Project (SIP)
- 2...course developed elsewhere and approved or registered by Mb. Ed. (e.g. Out-of-Country)

### C. Third Character

F...Foundation: Courses which are broadly based and appropriate for all students, and which may lead to further studies beyond the Grade 12 level.

S...Specialized: Courses which provide learning experiences, knowledge, and skills that may lead to further post-secondary studies.

G...Optional: Courses are developed at the school/division/district level to address local needs and interests. Courses can be (SIC) or (SIP).

**Note:** Most Grades 9 and 10 compulsory courses are designated as *Foundation*, while Grades 11 and 12 compulsory courses are designated *Specialized*.

## D. DEPARTMENT DEVELOPED COURSES, SICs, SIPs

**Department Developed Courses** are developed by Manitoba Education and Training. They have a set curriculum that must be followed province wide. These courses always have either a 5 or 0 in the 3-character code in their course title. For example, History 30S and Phys Ed 35S are Department Developed Courses.

**School Initiated Courses (SICs)** are developed by individual schools. A student can take up to 11.0 credits in SICs. SICs always have 1 as the 2<sup>nd</sup> number in their 3-character code. Examples: Native Studies 11G and Fitness 31G.

**Student Initiated Projects (SIPs)** are independent projects that are carried out by students. Students are allowed to take up to 3 Student Initiated Project credits during the course of their high school program. A SIP must be approved by the school principal, school division, and Manitoba Education and Training. As with SICs, SIPs have 1 in their course codes. Dance 11G and Library 11G are examples.

## E. PROGRAM REQUIREMENTS – All programs require 30 Credits for graduation

### ACADEMIC PROGRAM

Compulsory Credits	GRADE 9	GRADE 10	GRADE 11	GRADE 12
	English/Reading is Thinking	English	English	English
	Math	Math	Math	Math
	Science	Science		
	Social Studies	Geography	History	
	Physical Education/Health Education	Physical Education/Health Education	Physical Education/Health Education	Physical Education/Health Education
Electives	4 Elective Credits	5 Elective Credits	1 compulsory elective + Other Electives	2 compulsory electives + Other Electives

### TECHNOLOGY MAJOR PROGRAMS

8 credits required in Automotive Certified Technician\*, Heavy Duty Equipment Technician\*, Culinary Arts, Design Drafting, and Carpentry.

Hairstyling\* requires 12 credits for the major.

\* indicates an accredited program with Apprenticeship Manitoba

Compulsory Credits	GRADE 9	GRADE 10	GRADE 11	GRADE 12
	English/Reading is Thinking	English	English	English
	Math	Math	Math	Math
	Science	Science		
	Social Studies	Geography		
	Physical Education/Health Education	Physical Education/Health Education	Physical Education/Health Education	Physical Education/Health Education
	Intro technology course (some majors require a grade 9 credit)	1 Technology Credit	3 Technology Credits	4 Technology Credits
Electives	3 or 4 Elective Credits	4 Elective Credits	Other Electives	Other Electives

## FRENCH IMMERSION PROGRAM

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Compulsory Credits  Students must have 14* credits in French Immersion courses during their 4 years in high school.	English/Reading is Thinking	English	English	English
	Math	Math	Math	Math
	ÉD. PHYSIQUE / ÉD. À LA SANTE *	ÉD. PHYSIQUE / ÉD. À LA SANTE *	ÉD. PHYSIQUE / ÉD. À LA SANTE *	ÉD. PHYSIQUE / ÉD. À LA SANTE *
	Français*	Français*	Langue et communication*	Langue et communication*
	Sciences de la nature*	Sciences de la nature*		
	Le Canada dans le mode contemporaine*	Les Enjeux Géographiques du 21 <sup>E</sup> Siècle*	Histoire du Canada*	
Mandatory Electives				Cinema-Témoin de L'histoire modern*
Electives	3 Elective Credits	4 Elective Credits	Other Electives	Other Electives

Students who wish to fulfill the requirements for 2 programs of study should see a counsellor. Students interested in the Mature Student Program should also see a counsellor. Finally, you can also check out the **graduation requirements** on the Department of Education website at [www.edu.gov.mb.ca/k12/policy/grad\\_require.html](http://www.edu.gov.mb.ca/k12/policy/grad_require.html). Look under *School Programs* and *Senior Years English Program* for a complete listing of the current Manitoba Graduation Requirements.

## F. REGISTRATION PROCEDURES

### **Registration Process for current Grade 9s, 10s and 11s for the school year 2017-18:**

- Early in the second semester, information assemblies are held in the theatre. Teachers speak to the students about the courses that are to be offered next year.
- Shortly thereafter, counselors visit Grade 9, 10 and 11 classrooms to present registration and post-secondary information to students.
- Students are given instructions and assistance to select courses online, and then discuss these selections with their parents at home. (Note: Some courses may not be added to the school timetable if there are few or no requests for them.)
- Online registration for current Grade 10s and 11s begins Feb 27<sup>th</sup> and closes Friday March 3<sup>rd</sup>.
- Online registration for current Grades 9s begins March 6<sup>th</sup> and closes Wednesday March 15<sup>th</sup>.
- After the closing dates, students can make changes in person with their counsellor.

### **Registration Process for current Grade 8's: entering R. D. Parker Collegiate in 2017-18:**

- An Information Night for grade 8 parents and students will be held in the R. D. Parker Letkemann Theatre on Wednesday, March 15<sup>th</sup> from 7:00 – 8:00 PM.
- The main purpose is to address any questions/concerns about grade 9 programming at R.D. Parker that grade 8 parents and students may have.
- A high school counsellor visits each of the grade 8 classrooms in the district from March 16-24<sup>th</sup>. The counsellor reviews with each class the procedure for selecting courses for next year in high school.
- Grade 8 students register for courses online and then share with their parents what they have selected on student connect.
- Students are expected to choose enough courses so that they have a full timetable for grade 9. This is 5 classes per day, for two terms, for a total of 10 credits in the school year.

- All Online registration must be completed at the latest by Friday April 7<sup>th</sup>. After this date, students can make changes in person with their counsellor.

### **Transition Process for Grade 8's once they enter R. D. Parker Collegiate in 2017-18.**

- In the fall, at the start of the school year, each grade 9 student is assigned a counsellor. They are available to assist the student in any way: academically, personally or vocationally. Counsellor assignments are done “alpha-order”: based on the first letter of the student’s last name. You can see this at the end of this document.
- At the beginning of the school year, each counsellor meets with each of their assigned grade 9 students. This serves to introduce the student to the counsellor and helps ensure that the student feels welcome to speak to a counsellor at any time they may choose.

### **Student Timetables availability:**

- All student timetables are available for viewing online in mid-August. The school will be open for further timetable changes, beginning the last week of August. (Aug. 28 – Sept. 1)

### **G. REGISTERING AGAIN IN A FAILED COURSE**

If a student fails a course in Semester 1, he/she can register for that course again in the next semester provided there is space. Please see a counsellor.

### **H. COURSE CHANGES**

Students can make a course change if they have found one of their courses is not suitable. Please consult the school calendar on student connect for the last day timetable changes can be made in each semester. If you wish to change a course on your schedule the first step is to see a counsellor. Anyone wishing to switch a core subject class (English, Math, Science, Social Studies, or Phys. Ed) must have approval from the Principal before changes can be made.

### **I. DROPPING COURSES**

Students who accumulate the majority of their 30 credits needed to graduate in their first two years of high school have a better expectancy to graduate on time (in four years).

**Grades 9** students are not permitted to drop courses. The minimum requirement is 5 courses per semester

**Grade 10** students should not drop a course to have a spare; they should also have a full timetable.

**Grade 11 and Grade 12** students wishing to drop a course must see a counsellor and obtain a course change form. Parental permission is required to drop a course. Please consult the school calendar on student connect for the last day courses can be dropped. Please see a counselor to discuss your situation anytime you wish to drop a course.

### **J. GRADUATION CHECK**

Grade 12 students should complete a graduation check with their counsellor by the end of November of their graduating year.



## K. UPGRADING STUDENTS

Upgrading students are those who have already graduated but for various reasons have returned to the high school to improve their marks and/or complete courses they need.

“Regular students” are still in the process of completing credits in order to graduate and as such they have some priority over upgrading students. Therefore, upgrading students do not register until after other students have done so. During the last week in August, upgrading students can register for semester 1 in the upcoming year; Semester 2 can be registered for in the last week of January. Students must first see the principal to begin their registration process when upgrading.

## L. MATURE STUDENT PROGRAM

To enter the Mature Student Program, a student must meet the following conditions:

1. Be at least 19 years of age by June of the school year they enter the program.
2. Be out of school for at least 6 months.
3. You must wait until after the group of grade 9 students you started high school with have already graduated.
4. You must have permission from the School Principal.

A mature student needs to earn 4 Grade 12 credits and 4 other grade 9-11 high school credits. Two of the grade 12 credits must be English and Math.

Mature students follow the same guidelines for registration as upgrading students.

## M. STUDENT SERVICES PERSONNEL

Alexandra (Sandi) Timmons  
Secretary  
204-677-6228  
[rdpcss@mysterynet.mb.ca](mailto:rdpcss@mysterynet.mb.ca)

Marie Highway  
Aboriginal Student Advisor  
204-677-6229  
[mhighway@mysterynet.mb.ca](mailto:mhighway@mysterynet.mb.ca)

Krista Kristjanson (A-C)  
School Counsellor  
204-677-6231  
[kkristjanson@mysterynet.mb.ca](mailto:kkristjanson@mysterynet.mb.ca)

Courtney McKay (L-Q)  
School Counsellor  
204-677-6230  
[courtneymckay@mysterynet.mb.ca](mailto:courtneymckay@mysterynet.mb.ca)

Tracy Hanson (D-K)  
School Counsellor  
204-677-6233  
[thanson@mysterynet.mb.ca](mailto:thanson@mysterynet.mb.ca)

Treena Kuhl (R-Z)  
School Counsellor  
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[tkuhl@mysterynet.mb.ca](mailto:tkuhl@mysterynet.mb.ca)

Jayne Dykes  
Youth Counsellor, AFM School Based Programs  
204-677-6214 (RDPC)  
204-677-7310 (AFM)  
[jdykes@mysterynet.mb.ca](mailto:jdykes@mysterynet.mb.ca)

Rachelle MacDonald  
Public Health Nurse  
**204-677- 6213 (RDPC)**  
**204-677-5368 (NRHA)**  
[rmacdonald@brha.mb.ca](mailto:rmacdonald@brha.mb.ca)

Students are assigned a counsellor using their last names. Student Services is located in the basement of RDPC, next to the cafeteria.

## **PART II**

# **CREDIT RECOVERY**

**&**

# **ADDITIONAL CREDIT OPTIONS**

**NOTE: You cannot register online for the courses that follow.**

**Please see a counsellor or resource teacher as indicated below.**

## CREDIT RECOVERY

### OVERVIEW

The purpose of the Credit Recovery Program is to support students that have attended, but have not passed one or more of their compulsory courses. Credit Recovery courses are delivered as in-class, independent study courses. The following courses are available:

- English Language Arts 10F and 20F
- Mathematics 10F
- Essential/Consumer Mathematics 20S
- Science 10F and 20F
- Canada in the Contemporary World 10F (Grade 9 Social Studies)
- Geographic Issues of the Twentieth Century 20F (Grade 10 Geography)
- Physical Education 10F, 20F, 30F, 40F

### GUIDELINES

Students who are interested should see a counsellor to register. Prior to or at the beginning of a course, a Credit Recovery Referral Form must be filled out by the last subject teacher (Due to the participatory component of Phys. Ed, the Phys. Ed. department head shall determine the student's entry into credit recovery and create a plan with the student).

The following are the guidelines, unless otherwise arranged.

- ✓ Student must have attained 35% or higher in the failed course.
- ✓ Student must have a completed credit recovery referral form.
- ✓ Student must have completed the course (has not been discontinued).
- ✓ Student can complete more than one course in a semester.
- ✓ Students will usually have only one semester to complete a course.
- ✓ The attendance policy will be followed.
- ✓ The final grade for a successfully recovered credit will be 51%.

## ADDITIONAL CREDIT OPTIONS

### COMMUNITY SERVICE CREDIT

To earn this credit, a student is required to complete either 55 h. (1/2 credit) or 110 h. (1 credit) of volunteer work in the community. A student must first see a counsellor to fill out forms before beginning the volunteer hours.

## **INDEPENDENT STUDY OPTION (ISO)**

ISO courses are intended to accommodate students who for some reason cannot obtain the desired instruction at a Manitoba school. A number of criteria exist for registration. For students attending school, the two main criteria are:

- a) A timetable conflict exists and the course cannot be scheduled, and/or
- b) The course is not taught at RDPC.

Other extenuating circumstances may make a student eligible for ISO; Students must consult, on an individual basis, with the school-based facilitator, Mr. Fricker. The student pays the cost of \$165.00 (It can be as much as \$250) for a one credit course, which is refunded by the school district if the student successfully earns the credit. Students have 12 months to complete each course.

## **PRIVATE MUSIC OPTION CREDITS**

A student who is training in music in the Conservatory Canada program or Royal Conservatory of Music program can earn up to 4 credits in high school. See a counsellor in Student Services if you would like to know more.

## **CULTURAL EXPLORATION CREDIT**

Students can gain valuable educational experience by enhancing their knowledge of their own cultural origins or another cultural group through interaction with community members such as elders and members of cultural organizations. The skills, knowledge, and attitudes obtained from such activities can increase a student's self-esteem and maturity, strengthen cultural identity, and/or provide a greater appreciation of cultural diversity. This credit is available for the senior years as a credit for graduation purposes and does not require any department registration. The process for obtaining the credit is similar to one used for the Community Service SIP or the Private Music Option where students provide evidence of standing by presenting written documentation of activity outside the school system. Before a student starts an SIP, they must first meet with a counsellor and then the principal to see if it can be approved.

## **SPECIAL LANGUAGE CREDIT**

A maximum of four credits is available for students proficient in languages other than English or French. For more information or to arrange a test date, students should meet with a resource teacher in the Learning Centre Room 107.



GRADE 9

COURSE  
SELECTIONS

**APPLYING INFO & COMMUNICATION TECH I 15F**      **ICT15A**    Grade Level 9    Credits .500

0217

*This course must be taken at the same time you take Applying ICT 2. The purpose of this course is to reinforce and extend the ICT knowledge, attitudes, and skills acquired by students in the Early and Middle Years and to explore new topics that will support their learning across the curriculum. This course will further prepare students to use ICT to learn and demonstrate their learning in all Senior Years courses. The emphasis of ICT courses is on students learning to solve problems, accomplish tasks, and express creativity, both individually and collaboratively. Students will learn to use today's technology for tasks at school and in their personal lives. More importantly, students will learn to adapt to change and be able to independently learn and use new technology as it evolves throughout their lives. This course focuses on analyzing information, communicating messages, and using technology to create products such as print documents, web pages, and video recordings.*

**APPLYING INFO & COMMUNICATION TECH II 15F**      **ICT15B**    Grade Level 9    Credits .500

0218

*This course must be taken at the same time you take Applying ICT 1. The purpose of this course is to continue to reinforce and extend the ICT knowledge, attitudes, and skills acquired by students in ICT 1. This course will further prepare students to use ICT to learn and their learning in all Senior Years courses. The emphasis of ICT courses is students learning to solve problems, accomplish tasks, and express creativity, both individually and collaboratively. Students will learn to today's technology fr tasks at school and in their personal lives. More importantly, students will learn to adapt to change and be able to independently learn & use new tech as it evolves throughout thier lives. Upon completion of this course, each student should be knowledgeable about technology, be able to use tech readily and effortlessly & be able to make decisions about her or his use. This course focuses on analyzing information, communicating messages, and using technology to create products such as print documents, web pages, and video recordings.*

**CANADA IN THE CONTEMPORARY WORLD 10F**      **SS10A**    Grade Level 9    Credits 1.000

0101

*This Success for Learners course focuses on the essential understandings of Canadian society and of our place in the world. Major themes include diversity, government, global issues, and challenges.*

**CANADA IN THE CONTEMPORARY WORLD 10F**      **SS10F**    Grade Level 9    Credits 1.000

0101

*In the course Canada in the Contemporary World students study various aspects of Canadian society as well as our relationship with the rest of the world. Major themes in the course include diversity and pluralism in Canada, democracy and governance in Canada, Canada in the global context, and opportunities and challenges in Canada.*

**CLOTHING, HOUSING & DESIGN 10G**      **CD10G**    Grade Level 9    Credits 1.000

1109

*To provide students with the opportunity to learn about clothing and textiles. Discussion topics include wardrobe planning, and the construction, care, and selection of clothing. Basic sewing techniques, using a pattern, repairing and recycling clothes. Students will be given up to 3 metres of fabric for their project. Additional projects will require*

*the student to purchase supplies. (fabric, thread, pattern required for construction project).*

**CREE 11G**

**CR11G** Grade Level 9 Credits 1.000

9913

*The main focus of this course is to gain practical knowledge of the Cree Language in order to effectively communicate in everyday activities. Although the major components of this course include various listening and speaking activities, students will also be expected to do written assignments. Oral participation is essential.*

**CURLING 11G**

**CUR11G** Grade Level 9 Credits 1.000

9914

*Students will learn about the history and evolution of curling. There will be on ice and off ice instruction which will include fundamental skill development, sportsmanship, rules and basic strategy. This course will also cover subject areas such as proper nutritional and training principles, and how it is important to player development.*

**DRAMA 1A: DRAMA 10S**

**DRA10S** Grade Level 9 Credits 1.000

0239

*This course will focus on improving both oral and written communication skills needed to be successful in the dramatic arts. Involvement and participation in all activities is mandatory as this is the basis for evaluation. Students will write and perform many of their own short skits.*

**EDUCATION PHYSIQUE/ED A LA SANTE 10F**

**EP10F** Grade Level 9 Credits 1.000

0169

*This is a compulsory French Immersion course. The Physical Education Program provides education and activity to each student in a variety of settings (gym, classroom, outdoors, etc) while meeting the GENERAL SPECIFIC LEARNING OUTCOMES. Attendance and participation is compulsory at all grade levels. Suitable clothing and footwear is required for all physical activities to ensure safety and good personal hygiene. Students will also be familiarized with the vocabulary of sport and health in French.*

**ELECTRICITY/ELECTRONICS TECHNOLOGY 10G**

**ECT10G** Grade Level 9 Credits 1.000

7974

*An Exploratory course. It is intended to familiarize that student with Basic Principles of Electricity, and their Practical Applications. Electronics will help develop your skill in using tools while constructing projects which demonstrate Electronic laws and principles. This course can be used towards the Light Industrial Technology Major.*

**ENGLISH 10F**

**EN10A** Grade Level 9 Credits 1.000

0001

*This Success for Learners course focuses on essential understandings in the six English Language Arts of reading, writing, listening, speaking, viewing and representing. Students practice the basics of how to understand and respond to their reading and how to clearly communicate their ideas through the writing process. This course is a PREREQUISITE for Grade Ten English.*

**ENGLISH 10F**

**EN10F** Grade Level 9 Credits 1.000

0001

*This is a foundation course that is also a PREREQUISITE for Grade Ten English. Students will practice and develop their listening, speaking, reading, writing, viewing, and representing skills through the use of novels, plays, essays, films, poetry, expository texts, and cooperative learning activities. This foundation course will expose the students to a balance of literary, transactional, and technical materials and activities.*

**FAMILY STUDIES 10F**

**FS10F** Grade Level 9 Credits 1.000

1118

*Provides an overview of various topics relating to adolescence. Topics include developing a healthy lifestyle, relationships with friends, family and dating partners, decision-making skills, communication skills, conflict resolution and careers in the Social Services field.*

**FOOD AND NUTRITION 10G**

**FN10G** Grade Level 9 Credits 1.000

1119

*This course is a combination of practice and theory. Students will learn skills related to kitchen and time management and safe use of equipment. In doing so they will apply Canada's Food Guide and basic knowledge of nutrition to prepare a variety of meals. This is a Home Economics course.*

**FRANCAIS 10F**

**FRA10F** Grade Level 9 Credits 1.000

0401

*Is a compulsory French immersion course in which students will be developing their listening, speaking, reading, and writing skills of the French language through the use of a variety of written forms and genres (novel, poetry, short stories, critiques)*

**FRENCH 10F**

**FRE10F** Grade Level 9 Credits 1.000

0403

(BASIC FRENCH)

*The emphasis in this course is on using French for practical, everyday purposes. Through simulations, role-playing, games and other activities, students learn to use French to talk about their interests, daily lives, tell what they did over the weekend, and so on. Listening, speaking, reading and writing are equally as important to discovering French culture and using French in authentic situation. French is used as much as possible in class, and a willingness to participate is essential. The course is weighted half oral, so a willingness to speak French at the individual's level is necessary.*

**FUTURES IN BUSINESS 15G**

**FIB15G** Grade Level 9 Credits .500

1224

(MUST BE TAKEN WITH START YOUR OWN BUSINESS)

*The purpose of the course is to provide students with the skills that will enable them to: (1) be alert to future opportunities in business, (2) communicate effectively, (3) keep accurate records, (4) plan personal goals, (5) locate, retrieve, and process sources of information, and (6) incorporate guidelines for personal success in working with others. "Futures in Business" serves as an introduction to Grade 10-12 Business Education Courses. The second half of this course looks at actually starting a business.*



**GRAPHICS COMMUNICATION TECH 10G** **PM10G** Grade Level 9 Credits 1.000

7958

*Any student at any grade level may take this course. It will introduce the student to an exploration of the print media industry and the different print technologies. It rounds out the knowledge that was taught in Graphic Communications 7 or 8. Students may use it as an elective. This course can be taken as a stand-alone course.*

**HOCKEY 11G** **HOC11G** Grade Level 9 Credits 1.000

9916

*Students will learn the history and evolution of the "Canada's Sport" As well as on the ice fundamentals, sportsmanship, rules, strategy, organization and administration of tournament set up. This course will also cover subject areas such as proper nutritional and training principles and how it is important to player development. Note: Must be able to transport gear to and from school.*

**INTRO TO AUTOMOTIVE TECHNOLOGY 10S** **AT10S** Grade Level 9 Credits 1.000

8695

(SMALL ENGINES)

*This course is the widely acclaimed small engines course in the industry. The course covers small engine care and repair, theory of operation, basic engine services, fuel delivery systems, and common engine failures. Students will learn to identify and use common hand tools and specialty tools required for the teardown and assembly of a single cylinder OHV engine. Basic shop safety and materials handling necessary to complete lab work will be included. Students are required to purchase or provide safety glasses for this course.*

**INTRO TO DESIGN DRAFTING 10S** **DFT10S** Grade Level 9 Credits 1.000

8434

(DESIGN DRAFTING ESSENTIALS)

*CAD (or Computer Aided Drafting) helps students get a better understanding of drafting and how two-dimensional drawing can be changed into three-dimensional objects. CAD drafting is a hands on course where students will produce and manufacture a model F1 race car. Students will put their knowledge of aerodynamics to work as they are challenged to produce the fastest F1 car. Catia Software is used.*

**INTRO TO RESOURCE MANAGEMENT 10S** **IRM10S** Grade Level 9 Credits 1.000

8340

*This is an elective course that teaches students skills in resource management; including subjects such as forestry techniques and silviculture, wildlife management, and aquatic ecology. Students will be expected to engage in a variety of hands on activities ranging from working with field equipment to setting traps.*

**INTRODUCTION TO CARPENTRY 10S** **CAR10S** Grade Level 9 Credits 1.000

8584

*This course allows students to explore carpentry.*

**INTRODUCTION TO SPANISH 10F** **SPA10F** Grade Level 9 Credits 1.000

1080

*This course is intended for people who have none or very little experience with the Spanish language.*

**LE CANADA DANS LE MONDE CONTEMPORAIN 10F**    **SCH10F**    Grade Level 9    Credits 1.000

0101

*Is a French immersion compulsory course. Students study various aspects of Canadian society as well as our relationship with the rest of the world. Major themes in the course include diversity and pluralism in Canada, democracy and governance in Canada, Canada in the global context, and opportunities and challenges in Canada.*

**MATHEMATICS 10F**    **MA10A**    Grade Level 9    Credits 1.000

0800

*This Success for Learners course focuses on essential mathematical understandings and leads to the Grade 10 Essential Mathematics. The course builds on Grade 8 and includes integers, measurement, geometry, formulas, and algebra.*

**MATHEMATICS 10F**    **MA10F**    Grade Level 9    Credits 1.000

0080

*This is a foundation course to prepare students for multiple pathways in Grade 10, 11 and 12. This course builds on the understanding from Grade 8.*

**METALWORK TECHNOLOGY 10G**    **MTT10G**    Grade Level 9    Credits 1.000

7980

*This course is an introductory course into safe metal production. Students will create introductory unique projects. Different methods of metal working will be explored: Arc welding, MIG welding, Metallurgy, and Art Metal.*

**MUSIC 1A: CONCERT BAND 10S**    **BAN10S**    Grade Level 9    Credits 1.000

0258

*This course is a continuation of the school district's concert band program from grades 6-8. Students will further develop their musicianship both personally and as a member of the Concert Band. Expectations of the course include performance at a number of local concerts throughout the year, private group lessons, music theory assignments and a minimum of two hours per week of private practice at home. Students enrolled in this course are members of RDPC's Junior Concert Band. The band rehearses every second day, and students receive one half-hour small-group lesson that occurs once in each six-day cycle during other courses in their schedule.*

*Recommended Pre-Requisites: Grade 8 band or permission from the instructor*

**MUSIC 2A: CONCERT CHOIR 10S**    **CHO10S**    Grade Level 9    Credits 1.000

0260

*There are two concert choirs at RDPC. The Mixed Concert Choir is open to all students in grades 9-12 who enjoy singing and would like to pursue their musical training through vocal pedagogy. Students in this course may or may not have taken choir in grade 8. Students enrolled in CHO10S will develop sight-reading and musicianship skills, and will study a wide variety of music representative of different languages, genres and cultures. The choir rehearses every second day and students receive 1/2 hour small group lesson each 6-day cycle that occurs during other courses in their schedule.*

**MUSIC 6A: JAZZ BAND 10S**

**JAZ10S** Grade Level 9 Credits 1.000

0268

*The R.D. Parker Jazz Ensembles are performing groups for students looking to further their music education with study and performance in the Jazz idiom. While the ensembles focus is on performance, students will also learn about jazz history, styles and improvisation. There are three jazz large ensembles at R.D. Parker (Junior, Intermediate and Senior levels). The jazz ensembles are open by audition to all students currently enrolled in the R.D. Parker Concert Bands or with permission from the director.*

**NATIVE STUDIES 11G**

**NAS11G** Grade Level 9 Credits 1.000

4565

*This course examines Aboriginal cultures in Canada through an exploration of art forms created by Aboriginal artists. Students will learn to describe relationships between that art and Aboriginal traditions, philosophy and culture. Through their involvement in Native Studies, students will increase their awareness and perception of the history, cultures, worldviews, contributions and current issues of Aboriginal people in Canada. Students will express their understandings through creation of their own art forms and written assignments.*

**PHYSICAL/HEALTH EDUCATION 10F**

**PE10A** Grade Level 9 Credits 1.000

0169

*This Success for Learners course focuses on essential physical education and activity-based outcomes in a variety of settings including the gym, classroom, outdoors and the TRCC. Attendance and daily participation is very important. Suitable clothing and footwear is expected for all physical activities.*

**PHYSICAL/HEALTH EDUCATION 10F**

**PE10F** Grade Level 9 Credits 1.000

0169

*The Physical Education Program provides education and activity to each student in a variety of settings (gym, classroom, outdoors, etc) while meeting the GENERAL SPECIFIC LEARNING OUTCOMES. Attendance and participation is compulsory at all grade levels. Suitable clothing and footwear is required for all physical activities to ensure safety and good personal hygiene.*

**READING IS THINKING 10S**

**RT10A** Grade Level 9 Credits 1.000

0789

*This Success for Learners course is taught during the grade nine English Language Arts course. The course focuses on essential skills involved in analyzing, understanding, and interpreting non-fiction text. The three big ideas in the course are: thinking about self, thinking about the text, and thinking about the world.*

**READING IS THINKING 10S**

**RT10S** Grade Level 9 Credits 1.000

0789

*"Reading is Thinking" is a full credit course that is taught in the grade nine English Language Arts classroom. The course focuses on helping students develop the literacy skills, knowledge, and reading strategies needed to be successful in their learning across academic content areas (science, mathematics, social studies, etc.).*

**SCIENCE 10F**

**SCI10A** Grade Level 9 Credits 1.000

0120

*This Success for Learners course focuses on the essential understandings of three topics: Reproduction, Atoms and Elements, and Electricity. The course investigates the relationship between science, technology, and the environment.*

**SCIENCE 10F**

**SCI10F** Grade Level 9 Credits 1.000

0120

*Science 10F is a compulsory course that is organized based on four content areas: Reproduction, Atoms and Elements, The Nature of Electricity and Exploring the Universe. It is designed as an extension of the Life Science, Physical Science, and Earth and Space Sciences that have been presented in Elementary grades. The course investigates relationships between science, technology, society and the environment (STSE).*

**SCIENCES DE LA NATURE 10F**

**SCN10F** Grade Level 9 Credits 1.000

0120

*Is a French immersion compulsory course that is organized based on four content areas: Reproduction, Atoms and Elements, The Nature of Electricity and Exploring the Universe. It is designed as an extension of the Life Science, Physical Science, and Earth and Space Sciences that have been presented in Elementary grades. The course investigates relationships between science, technology, society and the environment (STSE).*

**TRANSITIONAL MATHEMATICS 10F**

**MAT10A** Grade Level 9 Credits 1.000

3923

*This Success for Learners course is delivered in the same class as Math 10A. Students complete activities to improve skills in mental math, arithmetic, geometry, introductory algebra, and problem-solving. Students practice classroom skills such as asking for help, working at a steady pace, and managing distractions.*

**VISUAL ARTS 1A: ARTS 10S**

**VIS10S** Grade Level 9 Credits 1.000

0274

*This is a mandatory elective in the French immersion program. Students will explore various art mediums ranging from pencil to paint to clay to sculpture. Students will also be briefly introduced to art history.*

**WOODWORK TECHNOLOGY 10G**

**WD10G** Grade Level 9 Credits 1.000

7990

*A full credit course that introduces the student to basic woodworking processes and applications. Students will develop creative problem solving skills that refine their ideas into a well-designed project.*



GRADE 10

COURSE  
SELECTIONS

**AUTOMOTIVE SYSTEMS AND SERVICE 20S** **AT20N** Grade Level 10 Credits 1.000

8696 (NOT ENTERING THE MAJOR)

*Students taking this course will not be entering the automotive certified technician major. Students will develop skills and knowledge in automotive services basic principles. Students learn safety, basic tools and equipment, basic automotive systems and service procedures, and are introduced to basic diagnosis strategies.*

**AUTOMOTIVE SYSTEMS AND SERVICE 20S** **AT20S** Grade Level 10 Credits 1.000

8696 (ENTERING THE MAJOR)

*Students must take this course to begin the automotive certified technician major. Students will develop skills in the automotive service and parts industry and gain knowledge of the basic principles related to automotive systems and service. Students learn safety, tools, and equipment, automotive diagnosis strategies.*

**BASIC HAIR CUTTING & THERMAL STYLING 20S** **HS20SC** Grade Level 10 Credits 1.000

8314

*Curriculum content focuses on anatomy and an introduction to haircutting and thermal styling.*

**BASIC HAIRSTYLING 20S** **HS20SB** Grade Level 10 Credits 1.000

8313

*Curriculum content focuses on the properties of the hair and scalp, wet hair styling techniques, shampoos, conditioners, rinses, and treatments.*

**CARPENTRY FUNDAMENTALS 20S** **CAR20S** Grade Level 10 Credits 1.000

8585

*This course is part of the carpentry major. This course gives students a broad, introductory overview to the carpentry cluster. Students will develop the basic knowledge, skills and attitudes related to carpentry.*

**CLOTHING, HOUSING, AND DESIGN 20G** **CD20G** Grade Level 10 Credits 1.000

1109

*Expand theoretical and practical knowledge of design in clothing and housing. Significance of Clothing, Textiles & Housing. Basic human needs and wants. Fundamentals of Design. Practical Application of Design. Planning and construction of clothing and housing designs. Color theory. Basic Quilting skills. Students will be given up to 3 meters of fabric for their project. Additional projects will require the student to purchase supplies. (fabric, pattern required for construction project)*

**COMPUTER SCIENCE 20S** **CS20S** Grade Level 10 Credits 1.000

0280

*In this course you learn to write computer code by programming a computer. The emphasis in this course is on you learning to solve problems, accomplished tasks and express creativity both individually and collaboratively. You will learn programming techniques and the syntax of one or more programming languages. You and your teacher will decide which modern programming languages you will learn. More importantly, you will learn to adapt to changes in programming languages and learn new languages as they are developed.*

**COOKING PRINCIPLES 20M**

**CA20SM** Grade Level 10 Credits 1.000

8791

*This course is part of the Culinary Arts major.*

**COOKING PRINCIPLES 20S**

**CA20SA** Grade Level 10 Credits 1.000

8791

*This course is part of the Culinary Arts major.*

**CREE 21G**

**CR21G** Grade Level 10 Credits 1.000

Recommended Pre-Requisites CR11G

9913

*These courses are designed for students who have a previous knowledge of the Cree Language. They challenge students to improve previous language skills by writing and reading, as well as speaking for broader purposes. Students will also be expected to do various reading and writing assignments in Cree syllabics.*

**DESIGN DRAFTING ESSENTIALS 1 20S**

**DFT20S** Grade Level 10 Credits 1.000

8435

*Students are allowed to explore various creative projects that expand their knowledge of drafting. A fun, hands on course that will help you determine if you want to explore the various work fields of Computer Drafting. With approval, the course is open to new students who are interested in learning computer drafting.*

**DRAMA 1A: DRAMA 20S**

**DRA20S** Grade Level 10 Credits 1.000

0239

*This course introduces all aspects of theatre arts, with particular emphasis on performance. Students are expected to participate in all activities including public performances, research, script writing, prop construction, and working effectively in group situations.*

**DRAMA 2A: IMPROVISATION 20S**

**IMP20S** Grade Level 10 Credits 1.000

0242

*Do you love acting but hate memorizing lines? Then Improvisational Theatre is the perfect course for you! We will study improv games, theatre sports, long and short form improvisations and sketch comedy. This course will develop the skills and techniques for character, plot and situational based approaches to improvising theatre. At the conclusion of the course students will showcase their work in a public performance. Recommended for students in Grades 9-12*

**EDUCATION PHYSIQUE/ED A LA SANTE 20F**

**EP20F** Grade Level 10 Credits 1.000

Recommended Pre-Requisites EP10F

0169

*This is a compulsory French Immersion course. The Physical Education Program provides education and activity to each student in a variety of settings (gym, classroom, outdoors, etc) while meeting the GENERAL SPECIFIC LEARNING OUTCOMES. Attendance and participation is compulsory at all grade levels. Suitable clothing and footwear is required for all physical activities to ensure safety and good personal hygiene. Students will also be familiarized with the vocabulary of sport and health in French.*

**ELECTRICITY/ELECTRONICS TECHNOLOGY 20G**      **ECT20G**    Grade Level 10    Credits 1.000

7974

*This course will provide the theoretical knowledge necessary to understand the common electronic components, learn their characteristics and properties and test them. Electronics 20S This course will focus on "hands on" experience in building a radio and several other projects.*

**ENGLISH 20F**      **EN20A**    Grade Level 10    Credits 1.000

Recommended Pre-Requisites      EN10F  
0001

*This Success for Learnings course focuses on essential understanding of English Language Arts as students continue to explore oral, written, and visual texts. Students practice the basics of how to understand and respond to their reading and how to clearly communicate their ideas through the writing process.*

**ENGLISH 20F**      **EN20F**    Grade Level 10    Credits 1.000

Recommended Pre-Requisites      EN10F  
0001

*Students will continue to explore oral, written, and visual texts in order to develop competence in the reading, writing, speaking, listening, viewing, and representing strands of the curriculum. A variety of written forms and genres (drama, memoir, fiction, non-fiction, and poetry) of literature will be studied to develop and enhance organization, creative and formal writing, critical thinking, and comprehension skills.*

**ESSENTIAL MATHEMATICS 20S**      **EM20S**    Grade Level 10    Credits 1.000

Recommended Pre-Requisites      MA10F  
3000

*This course is intended for students whose post-secondary planning does not include a focus on mathematics and science related fields. Some fields of study may require a minimum in Essentials Mathematics are (but not limited to) Nursing, Social Work, Educational Assistant, Carpenter and Electrician. Please see a counsellor to confirm what math requirement you need for your future plans.*

**ESSENTIALS MATHEMATICS 20S**      **EM20A**    Grade Level 10    Credits 1.000

Recommended Pre-Requisites      MA10F  
3000

*This Success for Learners course focuses on essential understandings of Mathematics. It is intended for students who do not plan to enter mathematics and science-related fields of study (e.g. Pharmacy, Forensics, and Engineering after high school). Essentials Mathematics may be used for study to become a nurse, social worker, educational assistant, carpenter, electrician, etc. Please see a counsellor to confirm what math requirement you need for your future plans.*

**FAMILY STUDIES 20F**      **PRE20S**    Grade Level 10    Credits 1.000

1118      (FORMERLY INTRO TO PRESCHOOL)

*Students will learn about the physical, emotional, intellectual and social development in children and the importance of caring for children. Topics discussed are conception, contraception, prenatal care, fetal development, the birth process, and practical infant*



care. This course also includes a practicum involving 24 hour infant care.

## FOOD AND NUTRITION 20G

**FN20G** Grade Level 10 Credits 1.000

Recommended Pre-Requisites FN10G  
1119

Students learn about nutrition for the individual and the family members. Other topics include health issues such as diabetes and anorexia. Students also have the opportunity to prepare to healthy meals and bake nutritious products. All cooking will be practically done with whole grain ingredients. This is an Home Economics course.

## FRANCAIS 20F

**FRA20F** Grade Level 10 Credits 1.000

Recommended Pre-Requisites FRA10F  
0401

This course is a French Immersion compulsory course. Students learn how to write compositions, essays and short stories, to read and appreciate novels, plays, and other works of literature, to understand and analyze films and documents, and to use the spoken language to communicate effectively in a variety of situations. PREREQUITES: Francias 10F

## FRENCH 20F

**FRE20F** Grade Level 10 Credits 1.000

Recommended Pre-Requisites FRE10F  
0403

(BASIC FRENCH)

The emphasis in Grade 10 French is once again on using the language to communicate effectively in "real life" situations. Students learn how to describe their experiences, discuss future plans, give instructions, discuss choices, write simple songs and express opinions. In addition, they are introduced to the culture of French-speaking regions, Quebec to France and Switzerland to Louisiana. PRE-REQUISITE FRE 10G. The course is weighted half oral, so a willingness to speak in French at student level is essential.

## GEOGRAPHIC ISSUES 21ST CENTURY 20F

**GEO20A** Grade Level 10 Credits 1.000

Recommended Pre-Requisites SS10F  
1180

This Success for Learners course focuses on essential understandings of the following topics: natural resources, food from the land, industry and trade, and urban places. Students develop basic geographic concepts and skills.

## GEOGRAPHIC ISSUES 21ST CENTURY 20F

**GEO20F** Grade Level 10 Credits 1.000

Recommended Pre-Requisites SS10F  
1180

Students study basic geographic literacy skills such as map analysis/interpretation and basic geographic concepts before moving onto a study of Canada, North America, and the world through the following themes: natural resources, food from the land, urban places, industry and trade. Students will develop geographic skills, values, and knowledge to help them be better global citizens, manage ideas and information, as well as communicate and think critically. Prerequisite: must have completed Grade 9 Social Studies.

## GRAPHIC COMMUNICATION TECH 20G

**PM20G** Grade Level 10 Credits 1.000

7958

(BASIC DESIGN)

*Any student at any grade level may take this course. The student will explore the development of human communication and their part in the print industry. Topics will include type, principles of design, and vector graphics. Essential skills as they relate to safety, work quality and employability will be emphasized. Students may use it as an elective. This course can be taken as a stand-alone course.*

**INTRO TO APPLIED & PRE-CAL 20S** **MAI20S** Grade Level 10 Credits 1.000

3905

*This course is intended for students considering post-secondary studies that require a math prerequisite. This is a required course if you wish to take Pre-Calculus or Applied Math in Grade 11. Recommended prerequisite of 65% in Math 10F.*

**INTRODUCTION TO HAIRSTYLING 20S** **HS20SA** Grade Level 10 Credits 1.000

8312

*Introduction to Hairstyling: Curriculum content focuses on an introduction to hairstyling. Students are introduced to safety and sanitation, basic tools and equipment, the operation of a hairstyling salon and the workings of the hairstyling industry, and introductory hairstyling skills.*

**INTRODUCTION TO HEAVY DUTY EQUIPMENT 20S** **HD20S** Grade Level 10 Credits 1.000

8673

(ENTERING THE MAJOR)

*A student wanting to develop skills in the heavy duty equipment service and repair industry must have knowledge of the basic principles related to heavy duty equipment systems and service. Students learn safety practices, tools and equipment, and heavy duty equipment systems and service procedures, and are introduced to diagnosis strategies. Work boots and coveralls are not supplied and are required to meet Health and Safety standards for the students shop practicum component.*

**KEYBOARDING 25S** **KB25S** Grade Level 10 Credits .500

1270

(MUST BE TAKEN WITH PRINT COMM 25S)

*These courses are taken together and combine to make 1 full credit. Keyboarding 25S: The purpose of the course is to improve students' accuracy and speed with a keyboard, using touch-keying techniques.*

**LES ENJEUX GEOGRAPHIQUES DU 21<sup>ES</sup> SIECLE 20F** **GEI20F** Grade Level 10 Credits 1.000

Recommended Pre-Requisites SCH10F  
 1180

*This is a French Immersion Compulsory course. Students study basic geographic literacy skills such as map analysis/interpretation and basic geographic concepts before moving onto a study of Canada, North America, and the world through the following themes: natural resources, food from the land, urban places, industry and trade. Students will develop geographic skills, values, and knowledge to help them be better global citizens, manage ideas and information, as well as communicate and think critically.*

**LIFESAVING 21G** **LSS21G** Grade Level 10 Credits 1.000

9914

*This course covers subject areas such as care and prevention of injuries, and the study of cardiovascular disease and risk factors. Students will have the opportunity to achieve the Standard First Aid Level C CPR. Students must be 16 years old to enroll. Note: There will*

be a cost for course materials.

## **METALWORK TECHNOLOGY 20G**

**MTT20G** Grade Level 10 Credits 1.000

Recommended Pre-Requisites MTT15G MTT10G  
7980

*Develop your creativity with the design and construction of projects made of metal. This course is a continuation of the modules offered in Grade 9, with the emphasis more on design rather than procedure. Students have a chance to create unique products. Exploration of areas to advanced levels is possible. Among them are: Arc welding, MIG welding, Metallurgy & Basic Heat Treatment, and Art Metal.*

## **MUSIC 1A: CONCERT BAND 20S**

**BAN20S** Grade Level 10 Credits 1.000

0258

*In this course students will further develop their musicianship both personally and as a member of the Concert Band. Expectations of the course include performance at a number of local concerts throughout the year, private group lessons, music theory assignments and a minimum of two hours per week of practice at home. Students enrolled in this course are members of RDPC's Senior Concert Band. The band rehearses every second day, and students receive one half-hour small-group lesson that occurs once in each six-day cycle during other courses in their schedule.*

*Recommended Pre-Requisites: 10S or permission from the instructor*

## **MUSIC 2A: CONCERT CHOIR 20S**

**CHO20S** Grade Level 10 Credits 1.000

0260

*The Senior Concert Choir is open to students in grades 10-12 who have completed one year in the jr choir and have written permission of the instructor. It is designed for those students who have at least a basic understanding of vocal technique and tone production as well as fundamental music reading and ear training. The choir rehearses every second day, and students receive one half-hour small-group lesson each six-day cycle that occurs during other courses in their schedule.*

## **MUSIC 5A: VOCAL JAZZ 25S**

**JZV25G** Grade Level 10 Credits .500

Recommended Pre-Requisites JZV15G  
0266

*The Vocal Jazz Ensemble is composed of vocal music students in grades 10-12 who currently are enrolled in the Senior Concert Choir. It is designed for students who are seriously interested in obtaining experience and a background in showmanship, small group responsibilities, jazz methods and swing/jazz vocal stylings. An audition will be required for admission to the Vocal Jazz Ensemble.*

## **MUSIC 6A: JAZZ BAND 20S**

**JAZ20S** Grade Level 10 Credits 1.000

0268

*The R.D. Parker Jazz Ensembles are performing groups for students looking to further their music education with study and performance in the Jazz idiom. While the ensembles focus is on performance, students will also learn about jazz history, styles and improvisation. There are three jazz large ensembles at R.D. Parker (Junior, Intermediate and Senior levels). The jazz ensembles are open by audition to all students currently enrolled in the R.D. Parker Concert Bands or with permission from the director.*

## **NATIVE STUDIES 21G**

**NAS21G** Grade Level 10 Credits 1.000

4565

*An aboriginal history of Canada. This course gives students an opportunity to do Social Studies from an Aboriginal perspective. The course will explore the Aboriginal experience of historical events and highlights the contributions aboriginal people have made to Canadian society. Topics included are: North American prehistory, pre-contact Native life, Aboriginal people and European contact, pre-confederation and post-confederation government, and the uprising and resistance of the Metis. Prerequisite Social Studies 10G*

## **OUTDOOR EDUCATION 21G**

**OUT21G** Grade Level 10 Credits 1.000

Recommended Pre-Requisites PE10F  
9916

*This course focuses on many different types of outdoor pursuits and leadership skills. It covers such activities as cross country skiing, winter survival skills, archery, as well as outdoor games. Must have outdoor clothing, 50% of this course is outside.mics. Students must be prepared to go outside for this course.*

## **PHYSICAL/HEALTH EDUCATION 20F**

**PE20F** Grade Level 10 Credits 1.000

Recommended Pre-Requisites PE10F  
0169

*The Physical Education Program provides education and activity to each student in a variety of settings (gym, classroom, outdoors,etc) while meeting the GENERAL AND SPECIFIC LEARNING OUTCOMES. Attendance and participation is compulsory at all grade levels. Suitable clothing and footwear is required for all physical activities to ensure safety and good personal hygiene.*

## **PRINT COMMUNICATIONS 25S**

**PC25S** Grade Level 10 Credits .500

0222

(MUST BE TAKEN WITH KEYBOARDING 25S)

*Print Communications 25S: This course will provide students with the skills and knowledge to plan and create documents such as letters and resumes for personal and business communications. A technical version of these courses is also offered*

## **RELATED SALON SERVICES 20S**

**HS20SD** Grade Level 10 Credits 1.000

8315

*Curriculum content focuses on manicures, facials, make-up, superfluous hair removal, sun tanning, and an introduction to the practical application of perm wrapping and hair color techniques.*

## **SCIENCE 20F**

**SCI20A** Grade Level 10 Credits 1.000

Recommended Pre-Requisites SCI10F  
0120

*This Success for Learners course focuses on essential understandings of the following topics: Ecosystems, Chemistry, and Motion. This course does not prepare students for specialized science courses in the higher grades. If students do continue to have an interest in Science after completing this course, they are encouraged to enroll in Grade 11 Current Topics in Science.*

**SCIENCE 20F**

**SCI20F** Grade Level 10 Credits 1.000

Recommended Pre-Requisites SCI10F  
0120

*This is a compulsory course with goals and objectives much the same as the grade 9 science course. Be prepared to learn about the fascinating world of ecosystems, how chemicals react, the physics of objects in motion, and how weather works, as well as how people can use their knowledge of ecology, chemistry, physics, and meteorology to live responsibly in our world. The grade 10 course is designed to prepare students for more specialized science courses in Grades 11 and 12. Lab activities are included.*

**SCIENCES DE LA NATURE 20F**

**SCN20F** Grade Level 10 Credits 1.000

Recommended Pre-Requisites SCN10F  
0120

*This is a French immersion compulsory course. Be prepared to learn about the fascinating world of ecosystems, how chemicals react, the physics of objects in motion, and how weather works, as well as how people can use their knowledge of ecology, chemistry, physics, and meteorology to live responsibly in our world. The grade 10 course is designed to prepare students for more specialized science courses in Grades 11 and 12. Lab activities are included.*

**START YOUR OWN BUSINESS 25G**

**SYB25G** Grade Level 10 Credits .500

1225 (MUST BE TAKEN WITH FUTURES IN BUSINESS)

*The purpose of the course is to provide students with the skills that will enable them to: (1) be alert to future opportunities in business, (2) communicate effectively, (3) keep accurate records, (4) plan personal goals, (5) locate, retrieve, and process sources of information, and (6) incorporate guidelines for personal success in working with others. Students go through the steps of starting up a business and what must be done to run it.*

**WOODWORK TECHNOLOGY 20G**

**WD20G** Grade Level 10 Credits 1.000

7990

*A full credit course that continues the student's introduction to basic woodworking processes and applications. Students will develop creative problem solving skills that refine their ideas into a well designed project.*



GRADE 11

COURSE  
SELECTIONS

**ACCOUNTING PRINCIPLES 30S**

**ACC30S** Grade Level 11 Credits 1.000

0200

1. Basic book keeping skills, organizing assets and liabilities. 2. Ongoing project - pretending they are post secondary students. Over the course of the term students will receive bills. Students will create a budget taking into consideration their income and expenses using Excel.

**APPLIED MATHEMATICS 30S**

**MAA30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites MAI20S  
3903

This course is intended for students considering post-secondary study that do not require a study of theoretical calculus. You must have earned a credit for Introduction to Applied and Pre-Calculus Math 20S to take this course. A graphing calculator is required. Some fields of study that require a minimum of Applied Math include (but are not limited to) Dentistry, Dental Hygiene, Human Ecology and Medicine.

**BIOLOGY 30S**

**BIO30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites SCI20F  
0124

The human body is a remarkable and vast network of systems that allows us to be the complex species we are. Students will focus on key themes such as wellness and homeostasis. An in depth look at the following topics will include: investigating cells, nutrition, the chemistry of life, digestion, circulation and respiratory systems, excretion, brain and nervous systems, blood and immunity and reproduction. Intertwined in this course is an investigation of organ donation, transplantation and the importance of maintaining the health of critical body systems. This course offers a variety of dissections such as a sheep heart, and kidney. It also incorporates a variety of lab activities and case studies. Prerequisite: Science 20F. Recommended 65% or above from prerequisite.

**CARPENTRY TOOLS AND EQUIPMENT 30S**

**CAR30C** Grade Level 11 Credits 1.000

Recommended Pre-Requisites CAR20S  
9188

This course is part of the carpentry major. In this course, students will learn about hand, power, pneumatic, stationary, measuring and layout tools and equipment, and their applications, maintenance and procedures for uses.

**CHASSIS FUNDAMENTALS AND SERVICE 30S**

**AT30SB** Grade Level 11 Credits 1.000

Recommended Pre-Requisites AT20S  
8698

This course is required for the automotive certified technician major. Students will develop skills in the automotive industry and gain knowledge of the basic principles of the vehicle chassis and its brake system. The student will be able to describe, diagnose and repair braking, steering, and suspension systems. The student will develop an understanding of the principles of wheel and steering alignment and be able to apply the principles to diagnose and align steering systems.

**CHASSIS, FRAM AND UNDERCARRIAGE SYS 30S**

**HD30SB** Grade Level 11 Credits 1.000

Recommended Pre-Requisites HD20S AT20S

8675

A student wanting to develop skills in the heavy duty equipment industry must have knowledge of the basic principles of the vehicle chassis, frame, and undercarriage systems. The student will be able to describe, diagnose, and repair problems with vehicle chassis, frame, and undercarriage systems, and with steering alignment. Students must have completed Intro 8673 to enter this class. Work boots and coveralls are not supplied and are required to meet Health and Safety standards for the students shop practicum component.

**CHEMICAL TEXTURE SERVICES 30S** **HS30SD** Grade Level 11 Credits 1.000

Recommended Pre-Requisites HS20SA  
8319

Curriculum content focuses on the theory of permanent waving and chemical relaxing, as well as the practical application of permanent waxing.

**CHEMISTRY 30S** **CH30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites SCI20F SCN20F  
0122

Grade 11 Chemistry focuses on real-world examples to teach the fundamentals of chemistry. Students will build on what they learned in Grade 10 Science and learn how to apply their basic skills to more elaborate chemical equations. Students will learn how the particles that make up our world interact to create the phenomena we see every day. Students will also use math in order to determine the amount of particles present in different units of measure. Topics include the mole, stoichiometry, solution concentrations, gas properties, and kinetic molecular tLab activities are included.

Prerequisites: Science 20F and strong mathematics skills are recommended

**COMMUNITY STDY:TRADITIONAL KNOWLEDGE 31G** **TK31G** Grade Level 11 Credits 1.000

5382

This is a hand on course for students to acquire traditional skills. Storytelling, beading, cooking, drumming, drum making, dancing, painting and singing will be illustrated by Aboriginal guests. Students who take this course usually take Land Based Education also.

**CREE 31G** **CR31G** Grade Level 11 Credits 1.000

Recommended Pre-Requisites CR21G  
9913

These courses are designed for students who have a previous knowledge of the Cree Language. They challenge students to improve previous language skills by writing and reading, as well as speaking for broader purposes. Students will also be expected to do various reading and writing assignments in Cree syllabics.

**CURRENT TOPICS IN SCIENCE 30S** **CTS30S** Grade Level 11 Credits 1.000

0139

This course is designed to assist students in understanding how Science connects to their everyday lives. Students will explore problems and issues that demonstrate interdependence among Science, technology, society, and environment. Be prepared to research controversial topics, themes, and points of view. If you have an interest in topics such as Biotechnology, Global Warming, Population Cycles, Crime Scene Investigation, this may be the course for you!



**DIESEL ENGINE FUNDAMENTALS SERVICE 30S**                      **HD30SA** Grade Level 11      Credits 1.000

Recommended Pre-Requisites      HD20S    AT20S  
8674

*A student wanting to develop skills in the heavy duty equipment service and repair industry must have knowledge of the basic principles of diesel engines, the inner workings and relations of the engine components, and how those relate to vehicle operation. The student will learn the procedures to service, repair, and replace engines and their components. Students must have completed Intro 8673 to enter this class. Work boots and coveralls are not supplied and are required to meet Health and Safety standards for the students shop practicum component.*

**DRAMA 1A: DRAMA 30S**    **DRA30S** Grade Level 11      Credits 1.000

0239

*This program builds on all aspects of theatre arts, with particular emphasis on performance, writing, producing and an introduction to directing. A class project may include a fully staged production. Students are expected to participate in all activities and must work effectively in group situations. (Prerequisite: Drama 10S or 20S.)*

**DRAMA 4A THEATRE PRODUCTION 30S**    **DTP30S** Grade Level 11      Credits 1.000

0246

*Experience the process of staging a play from start to finish! This isa performance based course that will develop and publically perform a play as a culminating project. Students will study both the onstage and backstage aspects (costume, set, props, make-up, stage crew and stage management) of creating a production. This course will require practicum hours outside of the regular timetable. Recommended for students in Grades 10-12 with a prerequisite of Drama 10S or Drama 20S or permission from instructor.*

**DRIVE TRAIN FUNDAMENTALS AND SERVICE 30S**    **AT30SC** Grade Level 11      Credits 1.000

Recommended Pre-Requisites      AT20S  
8699

*This course is required for the automotive certified technician major. Students will develop skills in the automotive industry and gain knowledge of the basic principles of the vehicle drive train. The students will develop an understanding of the different drive train configurations and their components. The student will be able to diagnose and repair a variety of drivetrain components.*

**ED. PHYSIQUE/ED A LA SANTE 30F**    **EP530F** Grade Level 11      Credits 1.000

0169

*This is a compulsory french immersion course. PE/HE 50/50 is designed to accommodate students who are active outside of the school day. Students are also required to complete 55 hours of Physical Activity time. The biggest difference between this model and the 100% model is students and parents are responsible for the Physical Activity Practicum. Students are required to record their activity and must attend meetings to ensure they are on the track. In recognition of the time students are active outside of school, students only attended class every other day all semester. Classes are graded either completed or incomplete.*

**ELA: COMPREHENSIVE FOCUS 30S**

**ENC30A** Grade Level 11 Credits 1.000

Recommended Pre-Requisites EN20S  
0092

*This Success for Learners course focuses on essential elements of critical thinking using a variety of texts. Students will become more aware of literary elements and stylistic devices and learn how to use some devices in their own writing. Students will also develop their research skills and practice how to clearly communicate their ideas for practical and creative purposes.*

**ELA:COMPREHENSIVE FOCUS 30S**

**ENC30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites EN20F  
0092

*Students will develop critical thinking and problem solving skills using a variety of aesthetic and transactional texts. Students will expand their study, knowledge, and application of literary elements and stylistic devices in reading and writing. Students will develop research skills, learn to evaluate sources of information, and develop writing skills for both practical and creative purposes.*

**ENGINE FUNDAMENTALS AND SERVICE 30S**

**AT30SA** Grade Level 11 Credits 1.000

Recommended Pre-Requisites AT20S  
8697

*This course is required for the automotive certified technician major. Students will develop skills in the automotive service and repair industry and gain knowledge of the basic principle of the internal-combustion engine, the inner workings and relations of the engine components and how those relate to vehicle operation. The students will learn the procedures to service, repair, and replace engines and their components.*

**ENGINEERING DESIGN DRAFTING 30S**

**DFT30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites DFT20S  
8438

*Students explore various architecture and blue-print designs and produce three-dimensional models of them. Students are encouraged to take on a project management role and create projects for school or community members. During this course students are also introduced to the CNC machining process and become familiar with how a CNC router machine works to bring create 3-D models.*

**ESSENTIALS MATHEMATICS 30S**

**EM30A** Grade Level 11 Credits 1.000

Recommended Pre-Requisites EM20S  
3000

*This Success for Learners course focuses on essential understandings of many practical topics. It is intended for students who do not plan to enter mathematics and science-related fields of study (e.g. Pharmacy, Forensics, and Engineering) after high school. Essentials Mathematics may be used for study to become a nurse, social worker, educational assistant, carpenter, electrician, etc. Please see a counsellor to confirm what math requirement you need for your future plans.*

**ESSENTIALS MATHEMATICS 30S**

**EM30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites EM20S  
3000

*This course is intended for students whose post-secondary planning does not include a focus on mathematics and science related fields. Some fields of study may require a minimum in Essentials Mathematics are (but not limited too) Nursing, Social Work, Educational Assistant, Carpenter and Electrician. Please see a counsellor to confirm what math requirement you need for your future plans.*

**FRAMING 30S**

**CAR30D** Grade Level 11 Credits 1.000

Recommended Pre-Requisites CAR20S  
9189

*This course is part of the carpentry major. In this course, students will learn basic framing techniques. This course takes the place of 8586 Foundations and Floor Framing, and 8587 Wall and Basic Roof Framing, which will both end in August 2017.*

**FRENCH 30S**

**FRE30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites FRE20F  
0403 (BASIC FRENCH)

*A continuation of French 20S, this course challenges students to use their French-Language skills for a broader range of purposes. For example, they use French to discuss urban legends, the web and its news, express opinions about films, and give views about current issues and future trends. Both printed and taped materials are used to supplement the textbook, which is Communi-Quete. PRE-REQUISITE FRE 20G. The course is weighted half oral, so a willingness to speak in french at student level is essential.*

**GRADE-MANGER 30S**

**CA30SA** Grade Level 11 Credits 1.000

8792  
*This course is part of the Culinary Arts major.*

**GRAPHIC COMMUNICATION TECH 30S**

**PM30SA** Grade Level 11 Credits 1.000

7958 (DESKTOP PUBLISHING)  
*This course focuses on the initial stages of design in the print media process. Topics include: principles and elements of design; solving design problems; fundamentals of design; page layout; layout software;and typography. Students who take this vocational course, but do not enter the major, may use it as an elective. This course can be taken as a stand-alone course.*

**HAIR COLORING 30S**

**HS30SB** Grade Level 11 Credits 1.000

Recommended Pre-Requisites HS20SA  
8317  
*Curriculum content focuses on an introduction to colour theory and the continued developement of hair coloring techniques.*

**HISTOIRE DU CANADA 30F**

**HII30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites GEI20G  
0105  
*This is a compulsory French Immersion course in Grade 11. It is an overview of the History of Canada. There are 5 clusters including: The First People and New France, British North America, Becoming a Nation, Achievements and Challenges, and Defining Contemporary Canada. It follows our history through pre-contact times to the present. Emphasis is placed on the students learning to think historically.*

**HISTORY OF CANADA 30F**

**HIS30A** Grade Level 11 Credits 1.000

Recommended Pre-Requisites GEO20F  
0105

*This Success for Learners course focuses on the essential historical understandings. Students follow history as Canada becomes a nation, faces many challenges, and develops into a contemporary, multicultural society. This course is a graduation requirement for students not completing a vocational major.*

**HISTORY OF CANADA 30F**

**HIS30F** Grade Level 11 Credits 1.000

Recommended Pre-Requisites GEO20F  
0105

*This is a compulsory course in grade 11. It is an overview of the History of Canada. There are 5 clusters including: The First People and New France, British North America, Becoming a Nation, Achievements and Challenges, and Defining Contemporary Canada. It follows our history through pre-contact times to the present. Emphasis is placed on the students learning to think historically. Prerequisite: Geography 20F*

**INTERIOR/EXTERIOR FINISHING 30S2**

**CAR30E** Grade Level 11 Credits 1.000

Recommended Pre-Requisites CAR20S  
9190

*This course is part of the carpentry major. In this course, students will learn basic installation techniques for interior and or exterior finishes.*

**INTERMEDT. HAIRCUTTING & BARBER TECH 30S**

**HS30SA** Grade Level 11 Credits 1.000

Recommended Pre-Requisites HS20SA  
8316

*Curriculum content focuses on barbering techniques, and the continued development of haircutting techniques.*

**INTERMEDT. HAIRSTYLING & ARTIFCL. 30S**

**HS30SC** Grade Level 11 Credits 1.000

Recommended Pre-Requisites HS20SA  
8318

*Curriculum content focuses on wigs and hair enhancements and the continued development of wet and thermal hair styling techniques.*

**LAND BASED ABOR. EDUCATION 31G**

**LBA31G** Grade Level 11 Credits 1.000

9967

*This course is offered outside the school day. Students participate in first aid, hunter safety and trapping courses, and take part in activities and expeditions that utilize outdoor survival, hunting, trapping and food gathering skills. Elders and qualified persons share their experience and expertise. Students will be interviewed for placement in this course.*

**LANGUE ET COMMUNICATION 30S**

**FRA30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites FRA20F  
0432

(FRANCAIS 30S)

*This course is a compulsory French immersion course. Students learn how to write*

*compositions, essays and short stories, to read and appreciate novels, plays, and other works of literature, to understand and analyze films and documents, and to use the spoken language to communicate effectively in a variety of situations.*

**METALWORK TECHNOLOGY 30S**

**MTT30G** Grade Level 11 Credits 1.000

7980

*Students will extend further their metalworking techniques and skills by designing and producing their own products. Career opportunities in metalwork will also be discussed.*

**MUSIC 1A: CONCERT BAND 30S**

**BAN30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites BAN20G

0258

*In this course, students will further develop their musicianship both personally and as a member of the Concert Band. Expectations of the course include performance at a number of local concerts throughout the year, private group lessons, music theory assignments and a minimum of two hours per week of practice at home. Students enrolled in Concert Band 30S are members of RDPC's Senior Concert Band. The band rehearses every second day, and students receive one half-hour small-group lesson that occurs once in each six-day cycle during other courses in their schedule.*

*Recommended Pre-Requisites: 20S or permission from the instructor*

**MUSIC 2A: CONCERT CHOIR 30S**

**CHO30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites CHO20G

0260

*The Senior Concert Choir is open to students in grades 10-12 who have completed one year in the jr choir and have written permission of the instructor. It is designed for those students who have at least a basic understanding of vocal technique and tone production as well as fundamental music reading and ear training. The choir rehearses every second day, and students receive one half-hour small-group lesson each six-day cycle that occurs during other courses in their schedule.*

**MUSIC 5A: VOCAL JAZZ 35S**

**JZV35S** Grade Level 11 Credits .500

Recommended Pre-Requisites JZV25G

0266

*The Vocal Jazz Ensemble is composed of vocal music students in grades 10-12 who currently are enrolled in the Senior Concert Choir. It is designed for students who are seriously interested in obtaining experience and a background in showmanship, small group responsibilities, jazz methods and swing/jazz vocal stylings. An audition will be required for admission to the Vocal Jazz Ensemble.*

**MUSIC 6A: JAZZ BAND 30S**

**JAZ30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites

JAZ20G

0268

*The R.D. Parker Jazz Ensembles are performing groups for students looking to further their music education with study and performance in the Jazz idiom. While the ensembles focus is on performance, students will also learn about jazz history, styles and improvisation. There are three jazz large ensembles at R.D. Parker (Junior, Intermediate and Senior levels). The jazz ensembles are open by audition to all students currently enrolled in the R.D. Parker Concert Bands or with permission from the director.*

**NATIVE STUDIES 31G**

**NAS31G** Grade Level 11 Credits 1.000

4565

*This course focuses on indigenous people from a Canadian perspective. It includes the study of policies, legislation, conflict and cultural change. The four themes that will be studied include: First Nations and cultural change, Treaties and cultural change, Legislation Policies and cultural change, and Education and cultural change.*

**PATISSERIE AND BAKING 30S**

**CA30SC** Grade Level 11 Credits 1.000

8793

*This course is part of the Culinary Arts major.*

**PHYSICAL/HEALTH EDUCATION 30F**

**PE30F** Grade Level 11 Credits 1.000

Recommended Pre-Requisites PE20G  
0169

*PE/HE 100% would be considered the more traditional PE/HE class. Students are expected to attend class every day. The students will be expected to complete 55 hours of physical activity time and complete a classroom component. Both 100% in classes and 50/50 classes are either Complete/Incomplete.*

**PHYSICAL/HEALTH EDUCATION 30F**

**PE530F** Grade Level 11 Credits 1.000

Recommended Pre-Requisites PE20G  
0169

*PE/HE 50/50 is designed to accommodate students who are active outside of the school day. Students are also required to complete 55 hours of Physical Activity time. The biggest difference between this model and the 100% in model is students and parents are responsible for the Physical Activity Practicum. Students are required to record their activity and must attend meetings to ensure they are on the track. In recognition of the time students are active outside of school, students only attended class every other day all semester.*

**PHYSICS 30S**

**PHY30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites SCI20F SCN20F  
0123

*Recommended Pre-Requisites SCI20F SCN20F 0123 Prerequisites: Science 20F and a Grade 10 Math. Recommended 65% or above for prerequisite. Intro to Applied and Pre-Calculus provide much better preparation than Essential Math 20S. This course is an introduction to physics. It includes a study of motion and force, waves, sound, and light. Students will be encouraged to think critically, hone problem-solving skills and apply math skills such as algebra and trigonometry. The course is broken into 4 specific units of study: Waves, Light, Kinematics, and Fields.*

**PRE-CALCULUS MATHEMATICS 30S**

**MPC30S** Grade Level 11 Credits 1.000

Recommended Pre-Requisites MAI20S  
3939

*This course is designed for students who intend to study calculus and calculus related courses as part of post-secondary education. You must have earned a credit for Introduction to Applied and Pre-Calculus Math 20S with a recommended grade of 65% to take this course. Some fields of study that require Pre-Calculus Math include (but are not limited too) Engineering, Business, Pharmacy, Medicine, Geophysics and Physics.*

**VEGETABLES, FUNGI, STARCHES AND FARI 30S**      **CA30SB** Grade Level 11      Credits 1.000

8794

*This course is part of the Culinary Arts major.*

**WELDING PROCESSES AND FUELS 30S**      **HD30SC** Grade Level 11      Credits 1.000

Recommended Pre-Requisites      HD20S      AT20S

8676

*A student wanting to develop skills in the heavy duty equipment industry must have knowledge of welding processes and fuels. The student will develop skills in oxyacetylene welding and cutting and metallurgy. The student will also be able to diagnose and repair a variety of fuel-related problems, and demonstrate familiarity with alternate fuels. Students must have completed Intro 8673 to enter this class. Work boots and coveralls are not supplied and are required to meet Health and Safety standards for the students shop practicum component.*

**WOODWORKING TECHNOLOGY 30S**      **WD30S** Grade Level 11      Credits 1.000

7990

*A full credit course that further develops the student's woodworking skills through new processes like the jointer, the router, and the wood lathe. Students will develop enhanced skills in cabinetry and joinery and apply their own creative problem solving skills to their ideas into furniture projects.*



GRADE 12

COURSE  
SELECTIONS



**ACCOUNTING SYSTEMS 40S**

**ACC40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites ACC30S  
1227

1. Basic book keeping skills, organizing assets and liabilities. 2. Ongoing project - pretending they are post secondary students. Over the course of the term students will receive bills. Students will create a budget taking into consideration their income and expenses using Excel.

**ADVANCED FRAMING 40S**

**CAR40C** Grade Level 12 Credits 1.000

9192

This course is part of the carpentry major. In this course, students will learn what they learnt in Framing 30S.

**ADVANCED HAIR CUTTING & CHEMICAL 40S**

**HS40SB** Grade Level 12 Credits 1.000

Recommended Pre-Requisites HS20SA  
8321

Curriculum content focuses on advanced haircutting and permanent waving techniques, as well as the practical application of chemical hair relaxers.

**ADVANCED HAIRSTYLING & COLORING 40S**

**HS40SA** Grade Level 12 Credits 1.000

Recommended Pre-Requisites HS20SA  
8320

Curriculum content focuses on special effects hair colour, corrective colour, as well as advanced wet and thermal hairstyling techniques.

**ADVANCED MATHEMATICS 45S**

**MAA45S** Grade Level 12 Credits .500

Recommended Pre-Requisites MPC40S  
3900

(must be taken with MAC45S)

This is a half-credit course to be combined with Intro to Calculus 45S to give a 1 credit elective class which is for highly motivated students who would like introduction to areas of mathematics which will be studied in depth in post-secondary programs. Recommended prerequisite of 65% in Pre-Calculus 40S Math.

**ANATOMY/ATHLETIC TRAINING 41G**

**AAT41G** Grade Level 12 Credits 1.000

9914

A study of the anatomical structure of the human body. Essential principles of human anatomy, including the structure and function of the skeletal, muscular, cardiovascular, and nervous system will be studied. Studies of the above body systems will be applied to the understanding of athletic injuries, the causes, treatment, and care of athletic injuries.

**APPLIED CARPENTRY 40S**

**CAR40E** Grade Level 12 Credits 1.000

9194

This course is part of the carpentry major. In this course, students will synthesize knowledge, skills and attitudes learned in previous courses to complete projects.

**APPLIED DIAGNOSTIC STRATEGIES 40S**

**AT40SD** Grade Level 12 Credits 1.000

Recommended Pre-Requisites AT20S AT30SB AT30SC  
8703

*This course is required for the automotive certified technician major. Students will expand their skills in the automotive industry and will apply diagnostic strategies to a variety of vehicle systems and components. The students will demonstrate the ability to diagnose and correct customer concerns and to complete vehicle repairs to industry standards.*

**APPLIED HEAVY DUTY EQUIPMENT TECH 40S**

**HD40SA** Grade Level 12 Credits 1.000

8704

*A student wanting to expand skills in the heavy duty equipment industry must be able to apply diagnostic strategies to a variety of vehicle systems and components. The students will demonstrate the ability to diagnose and correct customer concerns and to complete vehicle repairs to accepted industry standards with a minimum of supervision or direction. Students must have completed Intro 8673 to enter this class. Work boots and coveralls are not supplied and are required to meet Health and Safety standards for the students shop practicum component.*

**APPLIED MATHEMATICS 40S**

**MAA40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites MAA30S  
3903

*This course is intended for students considering post-secondary study that do not require a study of theoretical calculus. You must have earned a credit for Applied Math 30S to take this course. A graphing calculator is required. Some fields of study that require a minimum of Applied Math include (but are not limited to) Dentistry, Dental Hygiene, Human Ecology and Medicine. There is a provincial exam in this course.*

**AUTOMOTIVE ELECTRICAL SYSTEMS 40S**

**AT40SA** Grade Level 12 Credits 1.000

Recommended Pre-Requisites AT20S AT30SB AT30SC  
8700

*This course is required for the automotive certified technician major. Students will develop skills in the automotive industry and gain knowledge of the basic principles of automotive electrical systems. The student will understand the principles of electricity and electronics as it relates to automotive systems. The student will be able to diagnose, service and repair automotive electrical circuits and components.*

**BIOLOGY 40S**

**BIO40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites BIO30S  
0124

*Planet Earth has millions of species that add to the great biodiversity and complexity of the world around us. In Grade 12 Biology you will learn about biological inheritance, evolutionary theory and biodiversity. You will uncover the methods by which parents pass on traits to their offspring, focusing on how new lives are created and what forces determine an individual's appearance and traits. You will also explore how scientists classify organisms and how they have revised classification systems in the wake of new discoveries. DNA-RNA and human genomes are investigated. Lab activities and dissections will help you understand the similarities and differences during the investigation of the huge array of species that live on Earth alongside our own species. Grade 11 Biology is NOT a prerequisite. Recommended 65% or above in*

*previous science courses.*

**BREAKFAST AND DAIRY 40S**

**CA40SB** Grade Level 12 Credits 1.000

8796

*This course is part of the Culinary Arts major.*

**CARPENTRY MILLWORK 40S**

**CAR40D** Grade Level 12 Credits 1.000

9193

*This course is part of the carpentry major. In this course students will be introduced to the knowledge , skill and attitudes related to the manufacturing and installation of millwork.*

**CERTIFICATION PREPARATION 40S**

**HS40SD** Grade Level 12 Credits 1.000

Recommended Pre-Requisites HS20SA

8323

*This course focuses on preparing students to successfully complete their Provincial Examination in hairstyling.*

**CHEMISTRY 40S**

**CH40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites CH30S

0122

*In Grade 12 chemistry, students continue to develop their understanding of chemical relationships through numerical, mathematic, graphical and pictorial representations. This course takes topics learned in previous chemistry courses and dives deep into the forces that cause them and the theories that explain them. The units of study will include: chemical equilibrium, atomic structure, chemical kinetics, acids and bases, and electrochemistry. Lab activities are included.*

*Prerequisites: CHEM 30S and strong mathematics skills are recommended (ex. use of logarithms, quadratic equation).*

**CINEMA AS A WITNESS TO MODERN HISTORY40S**

**CW40S** Grade Level 12 Credits 1.000

1123

*Students will view films of various genres in order to reflect critically on cinematic representation of historical events, figures and developments of the 20th and 21st Century. In this course cinema is used as a tool to help students go beyond the experience of film as entertainment. Students will engage in guided viewing of films from a variety of genres, write film critiques and essays that show evidence of historical thinking and critical media literacy.*

**CINEMA-TEMOIN DE L'HISTOIRE MODERN 40S**

**CTM40S** Grade Level 12 Credits 1.000

1123

*This is a mandatory elective for the French Immersion program. Students will view films of various genres in order to reflect critically on cinematic representation of historical events, figures and developments of the 20th and 21st Century. In this course cinema is used as a tool to help students go beyond the experience of film as entertainment. Students will engage in guided viewing of films from a variety of genres, write film critiques and essays that show evidence of historical thinking and critical media literacy.*

**CUR TOPICS-1ST NATION/METIS/INUIT ST 40S**                      **CT40S**    Grade Level 12    Credits 1.000

0103

*This course supports the empowerment of students through the exploration of the histories, traditions, cultures, worldviews, and contemporary issues of Indigenous peoples in Canada and worldwide. Current Topics examines Indigenous realities within contemporary and historic Canada and global settings. This course is inclusive of traditional values and worldviews of First Nations, Metis, and Inuit Studies to provide both Indigenous and non-Indigenous students with knowledge of Indigenous cultures and traditions, and to encourage Indigenous students to take pride in the accomplishments of their peoples.*

**DRAMA 1A: DRAMA 40S**    **DRA40S**    Grade Level 12    Credits 1.000

0239

*This course focuses on all aspects of theatrical arts performance and production. There is an emphasis on acting and vocal communication skills. A class project may include a fully staged production. Students are expected to participate in all activities and must work effectively in group situations. (Prerequisite: Drama 10S or 20S.)*

**ED. PHYSIQUE/ED A LA SANTE 40F**                                      **EP540F**    Grade Level 12    Credits 1.000

0169

*This is a compulsory french immersion course. PE/HE 50/50 is designed to accommodate students who are active outside of the school day. Students are also required to complete 55 hours of Physical Activity time. The biggest difference between this model and the 100% model is students and parents are responsible for the Physical Activity Practicum. Students are required to record their activity and must attend meetings to ensure they are on the track. In recognition of the time students are active outside of school, students only attended class every other day all semester. Classes are graded either completed or incomplete.*

**ELA: COMPREHENSIVE FOCUS 40S**                                      **ENC40A**    Grade Level 12    Credits 1.000

Recommended Pre-Requisites      ENC30S

0092

*This Success for Learners course focuses on developing essential understandings of how to thoughtfully and critically respond to a variety of texts. Students will continue to develop and practice clear communication in writing for different purposes and audiences. Focus will also be on preparing for the provincial exam.*

**ELA: COMPREHENSIVE FOCUS 40S**                                      **ENC40S**    Grade Level 12    Credits 1.000

Recommended Pre-Requisites      ENC30S ENL30S

0092

*Students will read a wide variety of both transactional and literary texts, from short fiction and novels to newspaper articles and essays. Students will further develop their ability to thoughtfully and critically respond to written pieces through the use of text-to-self, text-to-text, and text-to-world connections. Purpose, form, audience, and context writing variables will be emphasized with all creative and formal writing pieces. This course is recommended if you intend on taking only one English credit. Some instruction will focus on specific English Language Arts Standards Test preparation.*

**ELA: TRANSACTIONAL FOCUS 40S**

**ETR40S** Grade Level 12 Credits 1.000

0094

*Students will read and compose texts such as newspaper articles, magazines, essays, and memoirs. Students learn to process, analyze, and respond critically to oral, visual, and written information. This course emphasizes the pragmatic uses of language: language that informs, directs, persuades, analyzes, argues, and explains. Students who plan to study business, science, law, and journalism would benefit from this English course.*

**ELA:LANG & TECHNICAL COMMUNICATION 40S**

**ENT40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites ENC30S ENL30S  
0030

*Topics include technical styles of writing for the workplace: memos, reports, business proposals, technical instructions, business e-mails, oral presentations, and power point presentations. Vocational major students may use English Technical Communications as their required Grade 12 English Language Arts credit and will not be required to take the Provincial Standards Test. Grade 12 students NOT in a vocational program may use this course as an ELECTIVE credit.*

**ELECT FUND COM AND DIAGNOSTIC EQUIP 40S**

**HD40SD** Grade Level 12 Credits 1.000

8679

*A student wanting to develop skills in the heavy duty equipment industry must have knowledge of electrical fundamentals, computers, and diagnostic equipment. The student will learn electrical theory, including circuits. The student will be able to use electronic diagnostic interfaces to service heavy duty equipment systems and to diagnose and repair problems with them. Students must have completed Intro 8673 to enter this class. Work boots and coveralls are not supplied and are required to meet Health and Safety standards for the students shop practicum component.*

**ESSENTIALS MATHEMATICS 40S**

**EM40A** Grade Level 12 Credits 1.000

Recommended Pre-Requisites EM30S  
3000

*This Success for Learners course focuses on essential understandings of many practical topics. It is intended for students who do not plan to enter mathematics and science-related fields of study (e.g. Pharmacy, Forensics, and Engineering) after high school. Essentials Mathematics may be used for study to become a nurse, social worker, educational assistant, carpenter, electrician, etc. Students will get instruction and practice for the provincial exam. Please see a counsellor to confirm what math requirement you need for your future plans.*

**ESSENTIALS MATHEMATICS 40S**

**EM40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites EM30S  
3000

*This course is intended for students whose post-secondary planning does not include a focus on mathematics and science related fields. Some fields of study may require a minimum in Essentials Mathematics are (but not limited to) Nursing, Social Work, Educational Assistant, Carpenter and Electrician. There is a provincial exam in this course. Please see a counsellor to confirm what math requirement you need for your future plans.*

## **FAMILY STUDIES 40S**

**FS40S** Grade Level 12 Credits 1.000

1118

*This course is appropriate for students about to complete school and begin a new stage in their lives. Through a variety of methods students will examine human and personal development, self management, preparation for life work, social development, relationships, family and society, family management, building a family and the changing family. Family Studies 40S is recognized as an entrance program for some university programs.*

## **FRENCH 40S**

**FRE40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites FRE30S

0403

(BASIC FRENCH)

*This course is open to all students who have successfully completed French 30S. The emphasis is on broadening the range of both oral and written communication skills. Students must be willing to participate in classroom discussions and in collective projects, such as writing and performing skits and producing tapes and videos. Authentic (unsimplified French poems, short stories, graphic novels and songs) are used to supplement the textbook. PRE-REQUISITE FRE 30G. The course is weighted half oral, so a willingness to speak in French at student level is essential.*

## **GLOBAL ISSUES:CITIZENSHIP/SUSTAINAB 40S**

**GI40S** Grade Level 12 Credits 1.000

1128

*This course will introduce you to some of the major issues and conflicts in the modern world. Topics include: Globalization, Media, Consumerism, Environment, Resources, Poverty, Wealth and Power, Human Rights, Genocide, Social Justice, World Peace/Conflict and Terrorism. Global Issues focuses on questions of quality of life locally, Nationally and globally. This course encourages class discussion of current events and topics. This course is acceptable for admission to University.*

## **INTRO TO STATISTICS 41G**

**STA41G** Grade Level 12 Credits 1.000

9926

*This is a 40S level elective course designed to help prepare students who will need to take Statistics in their post-secondary education. This course cannot be used as a grade 12 math requirement. It is recommended that you have already achieved a 40S level math credit before taking this course.*

## **INTRODUCTION TO CALCULUS 45S**

**MIC45S** Grade Level 12 Credits .500

3940

*This is a half-credit course to be combined with Advanced Math 45S to give a 1 credit elective class which is for highly motivated students who would like introduction to areas of mathematics which will be studied in depth in post-secondary programs. Recommended prerequisite of 65% in Pre-Calculus 40S Math.*

## **LANGUE ET COMMUNICATION 40S**

**FRA40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites FRA30S

0432

(FRANCAIS)

*This is a French Immersion compulsory course. Students learn how to write compositions, essays and short stories, to read and appreciate novels, plays, poems and other works of literature, to understand and analyze films and documents, and to use the spoken language*

*to communicate effectively in a variety of situations. PREREQUITES: Francais 30S*

**LAW 40S**

**LAW40S** Grade Level 12 Credits 1.000

0580

*An interesting course for Grade 12 students. Class discussion is a huge component of the course. Students will study the historical basis for Canadian Law and spend time on the current laws of our Country and the Court System we have today. A class visitation to the Thompson courtroom for an actual court day will also be part of this course.*

**MEATS, POULTRY, FISH AND SEAFOOD 40S**

**CA40SA** Grade Level 12 Credits 1.000

8798

*This course is part of the Culinary Arts major.*

**MENU PLANNING AND FOOD COSTING 40S**

**CA40SD** Grade Level 12 Credits 1.000

8797

*This course is part of the Culinary Arts major.*

**MUSIC 1A: CONCERT BAND 40S**

**BAN40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites BAN30S

0258

*In this course, students will further develop their musicianship both personally and as a member of the Concert Band. Expectations of the course include performance at a number of local concerts throughout the year, private group lessons, music theory assignments and a minimum of two hours per week of practice at home. Students enrolled in Concert Band 40S are members of RDPC's Senior Concert Band. The band rehearses every second day, and students receive one half-hour small-group lesson that occurs once in each six-day cycle during other courses in their schedule.*

*Recommended Pre-Requisites: 30S or permission from the instructor*

**MUSIC 2A: CONCERT CHOIR 40S**

**CHO40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites CHO30S

0260

*The Senior Concert Choir is open to students in grades 10-12 who have completed one year in the jr choir and have written permission of the instructor. It is designed for those students who have at least a basic understanding of vocal technique and tone production as well as fundamental music reading and ear training. The choir rehearses every second day, and students receive one half-hour small-group lesson each six-day cycle that occurs during other courses in their schedule.*

**MUSIC 5A: VOCAL JAZZ 45S**

**JZV45S** Grade Level 12 Credits .500

Recommended Pre-Requisites JZV35S

0266

*The Vocal Jazz Ensemble is composed of vocal music students in grades 10-12 who currently are enrolled in the Senior Concert Choir. It is designed for students who are seriously interested in obtaining experience and a background in showmanship, small group responsibilities, jazz methods and swing/jazz vocal stylings. An audition will be required for admission to the Vocal Jazz Ensemble.*

**MUSIC 6A: JAZZ BAND 40S**

**JAZ40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites JAZ30S  
0268

*The R.D. Parker Jazz Ensembles are performing groups for students looking to further their music education with study and performance in the Jazz idiom. While the ensembles focus is on performance, students will also learn about jazz history, styles and improvisation. There are three jazz large ensembles at R.D. Parker (Junior, Intermediate and Senior levels). The jazz ensembles are open by audition to all students currently enrolled in the R.D. Parker Concert Bands or with permission from the director.*

**NATIVE LAW 41G**

**NLA41G** Grade Level 12 Credits 1.000

9942

*This course is of interest to all students. It deals with the issues faced by Aboriginal people in the Canadian Legal system. The Indian act and regulation, Treaty rights, Residential schools, Women rights (Bill C-13) and famous cases involving aboriginal people are studied.*

**PHILOSOPHY 41G**

**PHI41G** Grade Level 12 Credits 1.000

4656

*An introduction to the study of Philosophy. At the conclusion of the course students will have a better understanding of the nature and history of Philosophy. Course material includes: the notion of God, Morality, Ethics, Thinking, Death and Life 101. Students looking at defining and understanding their own Philosophy towards life will find this course really exciting.*

**PHYSICAL/HEALTH EDUCATION 40F**

**PE40F** Grade Level 12 Credits 1.000

Recommended Pre-Requisites PE30F PE30F5  
0169

*PE/HE 100% would be considered the more traditional PE/HE class. Students are expected to attend class every day. The students will be expected to complete 55 hours of physical activity time and complete a classroom component. Both 100% in classes and 50/50 classes are either Complete/Incomplete.*

**PHYSICAL/HEALTH EDUCATION 40F**

**PE540F** Grade Level 12 Credits 1.000

Recommended Pre-Requisites PE30F PE530F  
0169

*PE/HE 50/50 is designed to accommodate students who are active outside of the school day. Students are also required to complete 55 hours of Physical Activity time. The biggest difference between this model and the 100% in model is students and parents are responsible for the Physical Activity Practicum. Students are required to record their activity and must attend meetings to ensure they are on the track. In recognition of the time students are active outside of school, students only attended class every other day all semester.*

**PHYSICS 40S**

**PHY40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites PHY30S  
0123

*Prerequisites: Physics 30S and a Grade 11 Math. Recommended 65% or above for prerequisite. Applied Math 30S or Pre-Calculus 30S provide much better preparation than*



*Essential Math 30S. Prerequisites: Physics 40S is a continuation of Physics 30S. The course consists of 4 units of study: Mechanics, Fields, Electricity and Medical Physics.*

**PRE-CALCULUS MATHEMATICS 40S**

**MPC40S** Grade Level 12 Credits 1.000

Recommended Pre-Requisites MPC30S  
3939

*This course is designed for students who intend to study calculus and calculus related courses as part of post-secondary education. You must have earned a credit for Pre-Calculus Math 30S with a recommended grade of 65% to take this course. Some fields of study that require Pre-Calculus Math include (but are not limited too) Engineering, Business, Pharmacy, Medicine, Geophysics and Physics. There is a provincial exam in this course.*

**PSYCHOLOGY 40S**

**PY40S** Grade Level 12 Credits 1.000

1010

*If you think you might have a career that includes working with people, then this course is for you. This course will introduce you to the major topics found in the field of Psychology. You will explore the scientific methods upon which Psychology is based and then apply what you have learned to your daily lives. Topics include: Research Methods, Behaviour, Sensation and Perception, Stress, Coping and Health, Motivation and Emotion, Thinking and Memory, States of Consciousness, Personality, Social Behaviour and Psychological Disorders and Treatments. This course is acceptable for admission to University.*

**SALON OPERATIONS 40S**

**HS40SC** Grade Level 12 Credits 1.000

Recommended Pre-Requisites HS20SA  
8322

*Curriculum content focuses on the business operations of a hair salon, as well as the creation of a resume and career portfolio.*

**STOCKS, SOUPS AND SAUCES 40S**

**CA40SC** Grade Level 12 Credits 1.000

8795

*This course is part of the Culinary Arts major.*

**SURVEYING & CONCRETE 40S**

**CAR40B** Grade Level 12 Credits 1.000

9191

*This course is part of the carpentry major. In this course students will demonstrate knowledge of site layout tools, equipment and processes. They will also demonstrate knowledge of concrete and concrete products, footings, slab-on-grade, grade beam forms and wall forms.*

**TIRES, WHEELS & BRAKES 40S**

**HD40SC** Grade Level 12 Credits 1.000

8678

*A student wanting to develop skills in the heavy duty equipment industry must have knowledge of tires, wheels, and brake assemblies. The student will be able to service tires, wheels, and brake assemblies, and diagnose and repair problems with them. Students must have completed Intro 8673 to enter this class. Work boots and coveralls are not supplied and are required to meet Health and Safety standards for the students shop practicum component.*

**TRANSMISSIONS DLINES TCASES & POWER 40S**      **HD40SB** Grade Level 12      Credits 1.000

8677

*A student wanting to develop skills in the heavy duty equipment industry must have knowledge of the basic principles of standard transmissions, drivelines, transfer cases, and power takeoffs. The student will be able to service standard transmissions, drivelines, transfer cases, and power takeoffs, and diagnose and repair problems with them. Students must have completed Intro 8673 to enter this class. Work boots and coveralls are not supplied and are required to meet Health and Safety standards for the students shop practicum component.*

**VEHICLE SYSTEMS PART 1 40S**      **AT40SB** Grade Level 12      Credits 1.000

Recommended Pre-Requisites      AT20S    AT30SB    AT30SC

8701

*This course is required for the automotive certified technician major. Students will develop skills in the automotive industry and gain knowledge of the operation of the automotive electronic and control systems. Students knowledge in electrical systems will be further enhanced by learning about the principles of ignition, control and communications systems. The student will be able to diagnose, service and repair ignition, control, and communications systems.*

**VEHICLE SYSTEMS PART 2 40S**      **AT40SC** Grade Level 12      Credits 1.000

Recommended Pre-Requisites      AT20S    AT30SB    AT30SC

8702

*This course is required for the automotive certified technician major. Students will develop skills in the automotive industry and gain knowledge of engine management and emission systems. The student will understand the principles of fuel supply, metering, and vehicle electronic diagnostic will be able to use electronic diagnostic interfaces to diagnose, service and repair engine management and emission systems.*

**WOODWORKING TECHNOLOGY 40S**      **WD40S** Grade Level 12      Credits 1.000

Recommended Pre-Requisites      CAR20S    WD20G

7990

*A full credit course that further develops the student's woodworking skills through new processes. Students will develop enhanced skills in cabinetry and joinery and apply their own creative problem solving skills to refine their ideas into a well-designed furniture projects.*