

R. D. PARKER COLLEGIATE

272 Thompson Drive, Thompson, MB, R8N 0C4

Phone: (204)677-6200 or Fax: (204)778-5050

rdpcsec@mysterynet.mb.ca

www.rdpc.ca



“Learners today, Leaders tomorrow”

REGISTRATION GUIDE

Grades 9, 10, 11, & 12

2018 – 2019
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 2018-19 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 2018-19 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

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 25th, 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 they 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. SR YEARS TECHNICAL EDUCATION (SYTEP) |
| 2. FRENCH IMMERSION | 4. ALTERNATE |

The English, French Immersion and Technical Education 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. Education for 1 credit
- 5...course developed or approved by Mb. Education 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 2nd 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

SENIOR YEARS TECHNICAL EDUCATION PROGRAM (SYTEP)

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 and Manitoba Education

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
	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

Note History30F will be required for students graduating in a SYTEP program for June 2021 graduates and beyond. (Affects all students who begin the program in Grade 10, Sept 2018.)

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 / Mathematique*	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 *
	Francais*	Francais*	Langue et communication*	Langue et communication*
	Sciences de la nature*	Sciences de la nature*		
	Le Canada dans le mode contemporaine*	Les Enjeux Geographiques du 21E Siecle*	Histoire du Canada*	
Mandatory Electives				Cinema-Temoin 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. 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 2018-19:

- 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.)
- In school online registration for current students begins Feb 26th and closes Friday March 23rd.
- At home online registration is available until 4pm Friday April 6th.
- 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 21st 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 beginning March 26th. The counsellor reviews with each class the procedure for selecting courses for next year for Gr. 9.
- 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 6th. 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 2018-19.

- 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. 27 – Aug. 30)

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 generally 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 generally 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. 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.

Parental permission is required 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. Have previously been 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 can register for Sept. 2018 now and be put on a wait list. Acceptances will be confirmed beginning Aug 27th.

M. STUDENT SERVICES PERSONNEL

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

Marie Highway
Aboriginal Student Advisor
204-677-6229
mhighway@mysterynet.mb.ca

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

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

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

Treena Kuhl (R-Z)
School Counsellor
204-677-6232
tkuhl@mysterynet.mb.ca

Paul Lagimodiere
Youth Counsellor, AFM School Based Programs
204-677-6214 (RDPC)
204-677-7300 (AFM)
plagimodiere@afm.mb.ca

Rachelle MacDonald
Public Health Nurse
204-677-6213 (RDPC)
204-677-5368 (NRHA)
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 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.

HSAP - High school Apprenticeship Program

Students can register with Apprenticeship Manitoba and earn up to 8 high school elective credits in a vocational trade that count towards level 1 and eventually Interprovincial Red seal certification. See the HSAP coordinator for more details if you are interested in this program.



GRADE 9

COURSE
SELECTIONS

APPLYING INFO & COMMUNICATION TECH I 15M **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 15M **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.

BUSINESS INNOVATIONS 10S **BIN10S** Grade Level 9 Credits 1.000

0135

Business Innovations is an introductory course that allows students to sample the various strands within the appllied commerce education program. The course offers students the opportunity to explore commerce-related topics, such as economics, entrepreneurship, business, marketing, technology, and finance. Throughout the course, students will apply the concepts and strategies they learn to a variety of creative business projects or simulations. It is the suggested introduction to all the other courses offered in the applied commerce education subject area, and is designed to provide foundational learning for students interested in pursuing post-secondary business studies.

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.

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.

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.

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

0080

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.

MATHEMATIQUES 10F

MAF10F Grade Level 9 Credits 1.000

0080

Is a French immersion compulsory course that 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

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).

TEXTILE ARTS AND DESIGN 10S

TAD10S Grade Level 9 Credits 1.000

1109 (currently known as CD10G)

To provide students with the opportunity to learn about textiles and design possibilities with the use of textiles. Discussion topics include: basic sewing techniques, using a pattern, repurposing clothes and textile sustainability, sources of fibers and fabric construction. Projects may include: pillows, quilts, wall hangings, beading, etc. Students will be given basic supplies for projects, but may need to purchase extra supplies depending on extent of design/projects chosen.

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

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. Grade 9 MA10F credit recovery does not adequately prepare you for this course.

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^{ES} 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.

TEXTILE ARTS AND DESIGN 20S

TAD20S Grade Level 10 Credits 1.000

1109 (currently known as CD20G)

Expand theoretical and practical knowledge of design in clothing, housing, and textile art. Topics include: fundamentals of design, colour theory, practical application of design, and planning and construction of textile projects. Projects may include: quilts, wall hangings, beading, mitt/moccasin making, etc. Students will be given basic supplies for projects, but may need to purchase extra supplies depending on extent of design/projects chosen.

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 ESSENTIALS 30S

ACC30S Grade Level 11 Credits 1.000

0309

Accounting Essentials helps students gain an understanding of basic accounting. With an emphasis on accounting for a service business, students will apply their knowledge and skills to complete the stages of the accounting cycle. Accounting Essentials provides the fundamentals of accounting and is a good choice for students who plan to further their finance studies in Grade 12 Accounting Systems. Students interested in pursuing post-secondary studies in any business discipline will benefit considerably by completing this course.

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 is a 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 30S **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 100%

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 50/50

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

0310

Accounting Systems is an extension of Grade 11 Accounting Essentials. It includes an introduction to financial analysis and corporate accounting. With an emphasis on accounting for a merchandising business, students will apply their knowledge and skills to complete the stages of the accounting cycle. The skills acquired in this course are not only useful when pursuing a career in business or accounting, but essential for everyday life.

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 MIC45S)

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

(must be taken with MAA45S)

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.

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 50/50

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.

PHYSICAL/HEALTH EDUCATION 40F 100%

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.

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.