

2020 – 2021

Grade 11 COURSE REGISTRATION WORKSHEET

Name _____

Due Date: April 12th, 2021

GRADE 11 – Semester 1 & 2 (4 Compulsory – BOLD)

Please check the box next to your choices.

<input type="checkbox"/> HIS 30F	History	
<input type="checkbox"/> LAC 30S	Comprehensive Focus (English) *	*Choose 1 English
<input type="checkbox"/> LAL 30S	Literary Focus (English) *	
<input type="checkbox"/> PED 30F	Physical Education	
<input type="checkbox"/> MAP 30S	Applied Mathematics**	
<input type="checkbox"/> MES 30S	Essential Mathematics**	** Choose at least 1 Math
<input type="checkbox"/> MPC 30S	Pre-Calculus Mathematics**	

OPTIONAL COURSES (Select a minimum of 4)

<input type="checkbox"/> ACE 30S	Accounting Essentials (<i>Business Diploma</i>)	<input type="checkbox"/> FRE30S	French
<input type="checkbox"/> AGR30S	Agriculture	<input type="checkbox"/> FST40S	Family Studies
<input type="checkbox"/> ART30S	Visual Arts 1A		
<input type="checkbox"/> ASY40S	Accounting Systems (<i>Business Diploma</i>)	<input type="checkbox"/> HEF30S	Food and Nutrition
<input type="checkbox"/> BCO 30S	Business Communications (<i>Business Diploma</i>)	<input type="checkbox"/> IAW30G	Woodworking Technology
<input type="checkbox"/> BIO30S	Biology	<input type="checkbox"/> LWB30S/LWT40S	Life Work Building/Life Work Transitioning
<input type="checkbox"/> BND30S	Concert Band	<input type="checkbox"/> PHY30S	Physics
<input type="checkbox"/> CCH30S	Concert Choir	<input type="checkbox"/> RIT30S	Aboriginal Culture Class (<i>Reading is Thinking</i>)
<input type="checkbox"/> CFS30S/DFS30S	Chassis Fundamentals/Drive Train Fundamentals (<i>PM</i>)	<input type="checkbox"/> RTP30S	Retailing Perspectives (<i>Business Diploma</i>)
<input type="checkbox"/> CHE30S	Chemistry	<input type="checkbox"/> SCI30S	Current Topics in Science - (<i>Forensics</i>)
<input type="checkbox"/> CSC30S	Computer Science	<input type="checkbox"/> SC230S	Current Topics in Science - (<i>Environmental</i>)
<input type="checkbox"/> DRA30S	Drama	<input type="checkbox"/> SC330S	Current Topics in Science - (<i>Land Water Management</i>)

Due to class sizes, there may be a restricted number of students accepted into some courses. Therefore, students will be entered on a “first come, first served” basis. Staff will work to ensure all students receive a proper timetable. Students’ final timetable may not look exactly as above.

English 30S Comprehensive Focus (LAC30S) This course continues the focus on the same 5 General Outcomes and the expanded 56 specific outcomes as in Grade 9 and Grade 10. This course provides a balanced program of practical and literary texts and skills.

English 30S Literary Focus (LAL30S) This course continues the focus on the same 5 General Outcomes and the expanded 56 specific outcomes as in Grade 9 and Grade 10. This course focuses 70% on literary and 30% on practical reading and writing. To be successful in this course students should have strong reading and writing skills.

Applied Math 30S (MAP30S) Applied Math 30S continues the work done in Intro to Applied and Pre-calculus 20S. Units include personal finance, technical communications, geometry, data management and analysis, systems of linear equations, precision measurement, linear programming and non-linear functions. A TI-83 graphing calculator is required for this course.

Essential Math 30S (MES30S) Essentials Math 30 continues where Essential Math 20S leaves off. It is intended for students whose post-secondary planning does not include a focus on mathematics and science-related fields. Grade 11 Essential Mathematics is a one-credit course consisting of two half-credits each emphasizing consumer applications, problem solving, decision making, and spatial sense.

Pre-Calculus Math 30S (MPC30S) Pre-Calculus 30S continues the work done in Intro to Applied and Pre-calculus 20S preparing students for calculus at the university and college level. Many areas of math, science, technologies, and management require calculus. Contains units on quadratic functions, trigonometry, algebra, analytic geometry, geometry, consumer math, logic/proof, and functions. Students will be required to complete 54 twenty-question exercises that are very challenging in order to complete this course. A TI-83 graphing calculator is required.

Accounting Essentials 30S (ACE 30S) 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 Accounting Systems. Students interested in pursuing post-secondary studies in any business discipline will benefit considerably by completing this course.

Agriculture 30S (AGR 30S) The course examines the physical and climatic features of Manitoba, soil management practices, crop varieties, and soil, plant, and animal science. The study of agriculture provides us with knowledge and understanding of agricultural processes and is also useful in providing information related to career choices. Agriculture 30S examines historical perspectives of agriculture in the province, as well as present concerns and trends. The past, present, and future of agriculture are an important part of this course as they relate to Manitoba’s economy, social, and cultural development, consumer habits, and politics.

Visual Art 30S (ART30S) The overall goal of the art program is to develop visual art literacy in such a way that young people can express themselves visually and understand visual communication and meaningful artistic expression. Students learn to observe, to appreciate, and to understand art through continued discussion of the elements and the principles of art. The course also includes the history and the critique of art, as well as the use of a variety of media. Students are expected to display their work in an art show. Class size is limited by space. There will be a cost to cover materials.

Accounting Systems 40S (ASY40S)

Accounting Systems is an extension of Accounting Essentials. It includes an introduction to financial analysis and corporate accounting. With an emphasis on accounting for a business 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.

Business Communications 30S (BCO 30S) Business Communications focuses on communication skills and techniques that are essential in business. Students will develop effective written, verbal, interpersonal, and visual communication skills. They will also learn how to use current technologies to create communications that are clear, concise, and designed for business. Business Communications is designed for students interested in pursuing post-secondary studies in the business field. It is also a desirable course option for future entrepreneurs or any individual who wants to develop effective workplace communication skills.

Biology 30S (BIO30S) Prerequisite: Science 20F This course builds on what students know and are able to do as a result of studies in Science 10G and Science 20F. It continues to retain a human biology focus. Evaluation is based on quizzes, unit tests, group work, laboratory work, and an examination.

Concert Band 30S (BND30S) Band classes meet every second day for the entire school year. The Band program covers all types of music from Baroque to Modern 20th Century music. Band skills such as technical, expressive and reading skills are developed and emphasized. Music history, theory and ear training are part of the Band program. The band performs throughout the year. In all band years, the goal is to develop a well-trained and skilled band member. Out-of-class activities include performances at assemblies, concerts, Virden Festival and Optimist Festival (Winnipeg), band tours, and clinics. Enthusiasm and a love of music is required.

Concert Choir 30S (CCH30S) The school choral program focuses on singing a wide variety of music. Students sing popular music, and music that goes as far back as the Renaissance Era. Choral skills such as technical, expressive and reading skills are developed. Music history, theory, and ear training are studied through repertoire. Throughout the school year, many chances to perform arise, including a variety of concerts around the community. Some assignments include performances outside of the school day.

Chassis Fundamentals (CFS30S) Students study vehicle frame and body design, suspension systems, wheels and tires (construction, inspection, balancing, rotation), brakes and brake systems (construction, operation, inspection and repair), steering geometry, front and rear end parts service and inspection, and wheel alignment theory and service. Students perform total steering, suspension, and brake checks and do a wheel alignment service.

Drive Trains Fundamentals (DFS30S) Students study each of the components in the drive train from the engine flywheel to the wheels, including clutch design, operation and repair; manual transmission design, operation and repair; front wheel drive transaxle; transmission drive shafts and front wheel drive shafts; differential design, operation and repair. Students diagnose drive line problems, and learn to remove, install, and repair the components.

Chemistry 30S (CHE30S) Prerequisite: Science 20F AND recommend either Pre-Calculus Math 20S or Applied Math. Chemistry opens doors to all the sciences including biology-related fields such as medicine, lab technician, and nursing. Students examine the role of chemistry in the past, present, and future, and the major branches of chemistry. Physical properties and changes in matter are studied. Emphasis is placed upon chemical reactions – how, why, and what quantities of chemicals react with each other. Other units include solubility, acids and bases, and organic chemistry.

Computer Science 30S (CSC30S) Prerequisite: Applied Math 20S or Pre-Calculus Math 20S. This course is intended to offer the student the level of programming available to the prospective college student who intends to major in computer science, mathematics, or engineering. Students will program in Java. Students will learn about, outputting strings, variables, if statements, loops, methods and building their own objects. Grade 10 computer science is not required. The course culminates in a final project that gives the students an opportunity to showcase their skills.

Dramatic Arts (DRA20S, DRA30S, DRA40S) Students will participate in theatre games to build ensemble and develop their own creativity and improvisational skills. Throughout the term, students will review and use theatre terminology, expand their dramatic performance skills, and gain knowledge in characterization through use of body and voice. Students will participate in monologue analysis and performance, dance projects, and scene work in small and large groups, working towards performances at festival and a final showcase.

French (FRE30S) Using a balanced literacy approach, motivated students will acquire language skills to communicate in French as well as appreciating francophone cultures. Grade 10 students will need to listen actively, to use spoken French to the best of their ability, to read and discuss texts, and to write about topics discussed in class or occurring in their lives. Each grade level builds on past concepts, skills, knowledge, and experiences; each level contains specific communication, experience, and language objectives. Studying French enhances learning of other languages, making one multilingual. The multilingual language learner will see many opportunities for jobs, careers, education, travel and relationships. You will need a device (eg. Tablet or laptop) in order to access Microsoft One Note as well as other online resources.

Family Studies 40S (FST 40S) The study of human development continues relating to personal development and dealing with one's self-concept and self-management. Major topics include social development through effective communication and developing effective relationships including marriage and parenting. The importance of the family unit in society focuses on the entire life cycle from birth to old age.

Foods and Nutrition 30G (FAN30G) Grade 11 Food and Nutrition focuses on the individual within the community and Canada, including the influence regions have on our food choices and personal practices. Students will be exposed to food and production in Manitoba and examine food availability and food security within Manitoba. Students will analyze the nutritional composition of food and reflect on their own nutritional choices. Practical skills will focus on foods of Canada.

Woodworking Technology and Industrial Design 30G (IAW30G) Prerequisites: Woodworking Technology and Industrial Design 20G

This course is a continuation to perfect and put to use the variety of skills introduced by the 10G and 20G programs. As well as reviewing the knowledge previously learned, students will be introduced to some new processes. Students will be combining the skills and information provided by the program along with their unique ideas and design creativity to construct various projects. The focus of 30G Woodworking is drawers and doors. Topics include safety, tool and process review, new processes and project planning. There is a final project requirement.

Life/Work Building (LWB30S) This course teaches students to focus on personal management skills, work as a team, locate work information, plan for post-secondary financial aid, understand life/work balance and transition from high school. In addition to the classroom component, students will have approximately 45 hours at a worksite(s) to apply the specific program outcomes of the course during their Career Community Experiences Unit.

Life/Work Transitioning (LWT40S) This course gives students opportunities to internalize all the learning outcomes in a classroom setting and then spend up to 80 hours applying and personalizing these outcomes in their Career Community Experience. The Grade 12 program emphasis is on transition from high school to post-secondary training and preparation for employment.

Physics 30S (PHY30S) Prerequisite: Science 20F AND recommend either Pre-Calculus Math 20S or Applied Math 20S. Topics include: Introduction to Physics – Measurement skills, graphics analysis and vectors; Mechanics – Position and displacement, velocity, acceleration, dynamics, impulse and momentum; Fields- Gravitational, electric, magnetic and electromagnetic fields;

Waves – Waves in one and two dimensions, sound and light; and Introduction to Modern Physics – Particle and wave models of light, photons, and wave/particle duality.

Aboriginal Culture Class (RIT 30S)

Students will be exposed to a variety of cultural experiences connected to Aboriginal Teachings. Students will be expected to participate in hands-on experiences such as beading, crafts, and cooking. Students will also reflect upon aboriginal literature, such as; novels, short stories and poetry connecting them to their own life experiences. This course will be assessed as a pass / fail course, so attendance and participation are essential.

Retailing Perspectives 30S (RTP 30S) Retailing Perspectives helps students gain an understanding of retailing from both a theoretical and practical approach. This course provides insight on the various types of retail establishments and forms of ownership. It emphasizes the retailing operations of both a physical and online environment. Retailing Perspectives focuses on the financially sustainable strategies retailers use to appeal to consumers. This course is designed for students interested in managing or owning their own retailing establishment. It is, however, relevant to all students, since, as consumers, they experience retailing as part of their daily lives.

Current Topics in Science – Forensic Science (SCI 30S) – In this lab-focused class, students will develop techniques and solve cases involving analysis of blood, fingerprints, toxicology, handwriting, chromatography, DNA, death & decomposition, fiber & hair analysis, entomology, and interview and interrogation techniques. This course culminates with a final project - designing and solving a mock crime scene. This course would be of interest to all Grade 11 and 12 students.

Current Topics in Science – Environmental Science (SC2 30S) – This course explores present features of the environment and analyzes elements of change in our surroundings. Topics will include Plant Ecology, Soils and Land Use, Wildlife Ecology, Aquatic Ecology, etc. in preparation for participation in the Regional Envirothon activities. Lessons, lab activities, and research & presentations will be considered in the evaluation. This course is especially helpful for students considering a future in biology and earth sciences.

Current Topics in Science – Land Management/Water Conservation (SC3 30S) – This course is offered in an online Google Classroom format. Students will analyze elements of sustainable land and water use, impacts of human activity, and technologies in environmental monitoring. Research projects, video responses, and lab work/outdoor activities will be considered in evaluation. Students will participate in multiple 'field experience' afternoons in late spring to apply their learning in the outdoor environment. This course would be of interest to students with a future in agriculture, environmental studies, and conservation.

Other Credit Options:

- Career Development Internship (CDI) – 2 (220 hours) / Credit For Employment (CFE) – 2 (220 hours)
- Apprenticeship – 8 (110 hours / per)
- Community Service Credit – 1 (110 hours)