

# Course Registration Information for Level I II & III

## For the 2012-2013 School Year

### Graduation Requirements

Subject Area	Number of Credits Required	
<b>English Language</b> <i>(6 credits required)</i>	<b>6 Credits (minimum)</b>	
	<u>Academic</u> English 1201 English 2201 English 3201	<u>Practical</u> English 1202 English 2202 English 3202
<b>Optional Language Arts</b> <i>(2 credits required)</i> <i>* Required for Immersion</i>	<b>2 Credits</b>	
	English 1200 (Practical only) Writing 2203 Drama 2206 * <b>Français 1202</b> * <b>Français 2202</b>	French 1200 French 2200 French 3200 Canadian Literature 2204 * <b>Français 3202</b>
<b>Mathematics</b> <i>(4 credits required)</i>	<b>4 Credits (minimum)</b>	
	<u>Advanced</u> Math 1201 Math 2200 Math 3205 Math 3207	<u>Academic</u> Math 1201 Math 2201 Math 3204 Math 3103  <u>Practical</u> Math 1202 Math 2202 Math 3206
<b>Science</b> <i>(4 credits required)</i>	<b>4 Credits (minimum)</b>	
	<u>Academic / Advanced</u> Science 1206 Biology 2201 Biology 3201 Chemistry 2202 Chemistry 3202 Physics 2204 Physics 3204	<u>Practical</u> Science 2200 Science 3200 Env. Science 3205
<b>Canada Studies</b> <i>(2 credits required)</i> <i>* Required for Immersion</i>	<b>2 Credits From</b>	
	Canadian History 1201 * Histoire du Canada 1231	Canadian Geography 1202 Canadian Law 2204
<b>World Studies</b> <i>(2 credits required)</i> <i>* Required for Immersion</i>	<b>2 Credits From</b>	
	World History 3201 World Geography 3200 (Practical)	World Geography 3202 * Histoire Mondiale 3231
<b>Career Development</b> <i>(2 Credits required)</i> <i>* Required for Immersion</i>	<b>2 Credits</b>	
	Career Development 2201	* Carriere et vie 2231
<b>Fine Arts</b> <i>(2 Credits required)</i>	<b>2 Credits From</b>	
	Art 2200 Art 3200 Clothing 1101 Drama 2206 Media 3221 Nf and Labrador Studies 2205	Music 2200 Music 2206 Music 3206 Music 2105 Music 3105
<b>Physical Education</b> <i>(2 Credits required)</i>	<b>2 Credits From</b>	
	Phys Ed 2100 Phys Ed 3100 Healthy Living 1200	Phys Ed 2101 Phys Ed 3101
<b>Other required credits</b> <i>(4 credits required from at least TWO different categories)</i> <i>* Required for Immersion</i>	<b>4 Credits From (2 Categories)</b>	
	Consumer Studies 1202 Enterprise Education 3205 Nf and Labrador Studies 2205 French 1200 French 2200 French 3200 *Francais 1202 *Francais 2202 *Francais 3202 Nutrition 2102 /3102	World Religions 3101/3106 Peer Counselling 2101 Human Dynamics 2201 Healthy Living 1200 Power and Energy 3211 Design & Fabrication 1202 Design & Fabrication 2212 Skilled Trades 1201 Residential Construction 2211 Clothing 1101/Textiles 3101
<b>Any subject area</b> <i>(6 Credits required)</i>	<b>6 Credits from any of the above PLUS</b>	
	Web Master 3224 (LC) Media 3221 (LC)	Inosivut2222
	<b>36 Credits (minimum)</b>	
	<b>Level II or III.....20 minimum</b> <b>Level III.....9 minimum</b> <b>Local Courses.....4 maximum</b>	

# Course Descriptions

## LANGUAGE ARTS

**English 1201** - is an **academic** course, designed for the majority of students entering Level I of senior high school. The study of language and experiences with a broad range of literature and media texts will enable students to reflect on their own learning strategies as they continue to develop confidence as language users. **(2 CORE Language Arts credits)**

**English 1200** - is a **practical** optional language course designed for students entering senior high school who have not developed the reading strategies that enable them to decode, interact with, retain, interpret, or reconstruct print. The course aims to improve students' ability to make meaning from print materials and to respond to print through written, oral and visual expression. NOTE: English 1200 must be taken concurrent with English 1202. **(2 Optional Language Arts credits)**

**English 1202** - is a **practical** entry level course into senior high school designed for students who have demonstrated significant difficulties when it comes to reading and writing. **(2 CORE Language Arts credits)**

**English 2201** is an **academic** course intended for students whose goals include post-secondary academic study. It emphasizes literary texts and is intended to enable students to be analytical and critical readers and viewers and to give detailed accounts of complex and sophisticated texts. **(2 CORE Language Arts credits)**

**English 2202** - is intended for **practical** students who continue to demonstrate difficulty with reading, writing, speaking, and listening. English 2202 engages students in practical and interesting learning experiences closely related to their lives and to the work they will experience as adults. **(2 CORE Language Arts credits)**

**English 3201** - is an **academic** course intended for students whose goals include post-secondary academic study. **(Public Exam Course.) (2 CORE Language Arts credits)**

**English 3202** - is a **practical** course intended to prepare students for lifelong learning by engaging them in practical and interesting learning experiences closely related to their lives and to the world that they will experience as adults. **(2 CORE Language Arts credits)**

**Writing 2203** - is designed to accommodate a wide range of student interests and abilities. It offers students an opportunity to explore writing as a means of personal expression as well as a method of communications. The course provides opportunities for students to develop a portfolio of written products. **(2 Optional Language Arts credits)**

**Canadian Literature 2204** - this course explores Canadian literature using a regional approach. Poems, stories, essays, plays, and novels about Atlantic Canada, Quebec, Ontario, the Prairies, the West Coast, and the North are studied with special focus on Atlantic Canada. **(2 Optional Lang Arts credits)**

**Drama 2206** - focuses on the development of students' personal resources, communication and group skills, and leads to the acquisition of basic performance skills supported by the necessary stagecraft. The general goals and purposes are to have students develop their personal resources necessary for dramatic activities; to have students develop their communication skills and group dynamic skills, and to have students involved in the creation and appreciation of dramatic art forms. **(2 Fine Arts credits or 2 optional Language Arts credits but not both)**

**French 1200** - the focus of learning is the purposeful use of language to perform real life tasks through listening, speaking, reading and writing. **(2 Language Arts or Other Required credits but not both)**

**French 2200** - is intended to develop students' ability to acquire information and communicate their needs, desires and ideas in French. Topics treated include: family, home, friends, leisure activities and daily schedule. **(2 Optional Language Arts or Other Required credits but not both)**

**French 3200** - continues the development of language proficiency in French by having students use the language in meaningful contexts to make sense of events, tasks, and activities. Topics explored include family relationships, school, career options, part time work, media, travel, individual responsibilities, stress, and social concerns. This course includes a fifteen minute oral proficiency interview as part of student assessment. French 3200 provides the necessary language base to enable students to study French 3201. **(2 Optional Language Arts or Other Required credits but not both) (Public exam course)**

## Mathematics

**Mathematics 1201** - this course is intended for all students who plan to do academic or advanced mathematics at level II. Mathematics 1201 is designed to accommodate the majority of students coming from the intermediate mathematics program. Success in Mathematics 1201 is unlikely if a student has not successfully completed Grade 9 mathematics. **(2 Math credits) (This course is a prerequisite for Math 2201 & 3201)**

**Mathematics 1202** - this is the first course in the Mathematics 1202/2202/3202 program. It is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades for direct entry into the workforce. **(2 Math credits)**

**Mathematics 2200** - this is an **advanced** course intended for students who have successfully completed Math 1204 with greater than 80% or with the recommendation of the teacher. **(2 Math credits)**

**Mathematics 2201** - this is an **academic** course for students who have successfully completed Math 1201. (2 Math credits)

**Mathematics 2202** - this is a **practical** level math course for students who are experiencing difficulty with Math. (2 Math credits)

**Mathematics 3204** - this is an **academic** level math course for students who have had success in Mathematics 1204 & 2204. It is dependent upon knowledge and skills obtained in Mathematics 1204. This is the third course in the Mathematics 1204 / 2204 / 3204 sequence. It covers the same topics as Mathematics 3205, the main difference being depth of treatment. (2 Math credits) (**Public exam course.**)

**Mathematics 3205** - this is an **advanced** level course. Success in Mathematics 3205 depends on knowledge and skills obtained in Mathematics 2205. A mark of 75% or better in 2205 is highly recommended for students to be successful in this course. (2 Math credits) (**Public exam course**)

**Mathematics 3206** - this is a **practical** level math course. Success in Mathematics 3206 is dependent upon knowledge and skills obtained in Mathematics 1206. Topics: Patterns, quadratics, exponential growth, circle geometry, and probability. (2 Math credits)

**Mathematics 3103** - students may do this course concurrently with Mathematics 2204/2205 or Mathematics 3204/3205. The course is designed for academic mathematics students who have plans for postsecondary which involves the study of mathematics. (1 Math credit)

**Mathematics 3207** - it is strongly recommended that students complete Mathematics 2204 or 2205 as well as Mathematics 3204 or 3205 before Mathematics 3207. Students can do Mathematics 3207 concurrently with one of the previously listed courses. This is the fourth course in the **Advanced Mathematics Program** and contains essential algebra for success in post-secondary mathematics. (2 Math credits)

## Science

**Science 1206** - is a multi-disciplinary course for academic science students divided into four unit. (1) Chemistry - names and formulas, reaction types, and balancing chemical equations. (2) Physics - introduction into kinematics, velocity and acceleration (3) Biology - sustainability of ecosystems (4) Earth & Space Science - weather dynamics. The course provides a transition between intermediate and high school academic science courses. It allows students to experience the different science disciplines so that they make appropriate decisions with respect to which sciences to pursue in Levels II & III. (2 Science credits) (**Prerequisite for Physics and Chemistry**)

**General Science 2200** - four general curriculum outcomes have been identified to delineate the four critical aspects of students' scientific literacy. Students will develop an understanding of the nature of science and technology, students will develop the skills required for scientific and technological inquiry, students will construct knowledge and understandings of concepts in life science. Students will be encouraged to develop attitudes that support the responsible acquisition and application of scientific and technological knowledge to the mutual benefit of self, society, and the environment. Biology and Weather will be the scientific units covered in this course. (2 Science credits)

**Science 3200** - this course is a practical science course intended for students who are experiencing difficulty with Science and should be a natural follow-up from Science 2200. (2 Science credits)

**Note:** **Students entering Level I will only be able to select 1 of the following if they meet all the requirements outlined below.**

**Biology** will only be available to students under the following conditions:

- The student has an 85% or higher average in grade 9 science
- Space is available after level II and III students have been accommodated

**Chemistry** will only be available to students under the following conditions:

- The student has an 85% or higher average in grade 9 science
- The student has an 85% or higher average in grade 9 mathematics
- Space is available after level II and III students have been accommodated

**Physics will not be available to Level I students** due to the mathematics requirements for the course.

**Biology 2201**- is an introductory course which is intended to introduce students to more biological principles and to lay the foundation for further studies in the discipline. Topics: matter and energy for life, maintaining dynamic equilibrium, population dynamics, bioenergetics, and homeostasis. (2 Science credits) (*Level I Students will not be considered with less than an 85% average in grade 9 science*).

**Biology 3201** - This course is common to all four Atlantic Provinces and is intended to further develop biological concepts. Topics: homeostasis, reproduction and development, genetic continuity, and evolution. (2 Science credits) (**Public Exam Course.**)

**Chemistry 2202** - This is an introductory chemistry course which is common to all four Atlantic Provinces and is intended to further chemistry study by building on Science 1206. Topics: stoichiometry, bonding, and organic chemistry. (2 Science credits) (*Level I Students will not be considered with less than an 85% average in grade 9 science and grade 9 mathematics*) (**This course is a prerequisite to Chemistry 3202.**)

**Chemistry 3202** - This course is common to all four Atlantic Provinces and is intended to further develop chemical concepts. Topics: kinetics and equilibrium, acids and bases, thermochemistry, and electrochemistry. **(2 Science credits) (Public Exam Course.)**

**Physics 2204** - This course is common to all four Atlantic Provinces and is intended to further physics study, building on Science 1206. Topics: kinematics, dynamics, work and energy, and waves. **(2 Science credits) (This course is a prerequisite to Physics 3204)**

**Physics 3204** - This course is common to all four Atlantic Provinces and is intended to further develop physical concepts. Topics: force, motion and energy fields, and modern physics. **(2 Science credits) (Public Exam Course.)**

**Environmental Science 3205** - The course begins with an examination of the nature of environment science, during which ecological concepts and theories are presented. Students then examine, through a case study approach, issues that are specifically relevant to the Province of Newfoundland and Labrador. The course concludes by addressing issues of a more global nature which are having or will have an impact on the quality of life on this planet. **(2 Science credits)**

## **Canadian Studies**

**Canadian History 1201** - focuses on the history of Canada from pre-Confederation to the close of the 20th century. Topics: prelude to nationhood, the new nation, the Great War and its aftermath, a time of turmoil, Depression and War, a time of transition, contemporary Canada. **(2 Canadian Studies credits)**

**Canadian Geography 1202** - deals with the physical geography of Canada, demographics, natural resources, making a living, plus skill development for geographic study. **(2 Canadian Studies credits)**

**Canadian Law 2204** - focuses on the the foundations of Law in Canada, including criminal law and the trial process. Other topics covered would be civil law, investigation and arrest, contract law, family law, young people and the law, and human rights and the law. **(2 Canadian Studies credits)**

**Histoire du Canada 1231** - focuses on the history of Canada from pre-Confederation to the close of the 20<sup>th</sup> century. Topics: prelude to nationhood, the new nation, the Great War and its aftermath, a time of turmoil, Depression and War, a time of transition and contemporary Canada. **(2 Canadian Studies credits)**

**Newfoundland and Labrador Studies 2205** - blends approaches used in both the arts and the social sciences to examine various aspects of the culture and heritage of the province. **(2 Canadian Studies or Fine Arts Credits but not both)**

## **World Studies**

**World Geography 3200** - This course is a practical level course designed to accommodate students who require a world studies credit but would find an academic social studies course very challenging. **If students complete this course for graduation requirements - they cannot graduate with Academic status. (2 World Studies Credits)**

**World Geography 3202** - This course focuses on four organizational themes including: The Physical Earth, The Human Response, The Building Environment, and Economic Development. **(2 World Studies credits) (Public Exam Course.)**

**World History 3201** - This course focuses on the twentieth century. Topics would include: nationalism, industrialism, democracy, and socialism in the 19<sup>th</sup> century; imperialism and the national rivalries; WW I and WW II; the impact of science and technology; conflicting ideologies; and future prospects. **(2 World Studies credits) (Public Exam Course.)**

**Histoire Mondiale 3231** - This course is offered to French Immersion - same topics as World History 3201. **(2 World Studies credits) (Required for French Immersion) (Public exam course.)**

## **French Immersion**

**Français 1202** - is a language development course. The course also offers students an opportunity to study the culture of francophones who reside in Canadian provinces other than Quebec. The starting point for the course is the French community groups in Newfoundland and Labrador. Using literary works which explore aspects of la francophonie and writings on topical issues, the course aims both to develop and refine communication skills, and to provide insight into the linguistic and cultural reality of francophones in Canadian regions. **(2 Language Arts or Other Required credits but not both)**

**Français 2202** - is a language development course. The course also offers students an opportunity to study the culture of francophones who reside in **Quebec**. Using literary works which explore aspects of la francophonie and writings on topical issues, the course aims both to develop and refine communication skills, and to provide insight into the linguistic and cultural reality of francophones in Quebec. **(2 Language Arts or Other Required credits but not both)**

**Français 3202** - is a language development course. The course also offers students an opportunity to study the culture of francophones who reside in countries other than Canada. Using literary works which explore aspects of la francophonie and writings on topical issues, the course aims both to develop and refine communication skills, and to provide insight into the linguistic and cultural reality of francophones in other countries. **(2 Language Arts or Other Required credits but not both) (Public Exam Course.)**

## Fine Arts

**Art 2200 / 3200** is structured in units to offer students the opportunity to develop personal imagery using a variety of media. Students work with visual problems, study past and present cultures through a visual lens, and participate in the creative process and production of art. **(2 Fine Arts credits each)**

**Applied Music 2206 / 3206** - offers students the opportunity to develop musical skills, understandings and competencies as instrumentalists and / or vocalists through individual and small group experiences. Applied Music may be offered as separate classes in the following applied areas: Guitar, Strings, Winds (Brass / Woodwinds) and Percussion. Students will develop musicianship, literacy skills, and musical and theoretical understandings through the performing medium of their choice. This comprehensive approach will allow students to integrate the practical, theoretical and conceptual aspects of music. Students acquire generic performing skills related to all applied areas - phrasing, articulation, intonation, tone quality, expressive devices, interpretation, style; specific performing skills unique to the individual applied area; theoretical concepts - elements of music (rhythm / meter, melody, harmony, form), musical literacy, and appropriate symbols and terms. This course is available for beginning students as well as those with prior experience. **(2 Fine Arts credits each)**

**Ensemble Performance 2105/ 3105** - These courses provide the opportunity for students to perform in a group context, (e.g., choir), and are divided into two levels in which musical concepts are revisited as technical skills are refined. The two levels meet together at the same time and are progressive for the individual student through the introduction of new and varied repertoire each year. Students learn about music by making music. Students acquire performance and musicianship skills, rehearsal and performance behaviour, conducting gesture and other forms of nonverbal communication, production of sound, and appreciation of music as an art form through ensemble performance. **(2 Fine Arts credits)**

**Experiencing Music 2200** - This course is designed to assist students in responding to a wide range of music representative of many styles and cultures. Students experience in as many ways as possible through each of the modes of musical activity, eg. performing, creating, and listening. *This course is available to all students at any level regardless of previous musical experience.* **(2 Fine Arts credits)**

**Clothing 1101/ Textiles 3101** - Topics include: basic textiles, wardrobe planning, fabric and pattern selection. A sewing project is the main focus of this course. **(2 Fine Arts credits or Other Required Credit)**

**Drama 2206** - focuses on the development of students' personal resources, communication and group skills, and leads to the acquisition of basic performance skills supported by the necessary stagecraft. The general goals and purposes are to have students develop their personal resources necessary for dramatic activities; to have students develop their communication skills and group dynamic skills, and to have students involved in the creation and appreciation of dramatic art forms. **(2 Fine Arts credits or 2 optional Language Arts credits but not both)**

## Physical Education

**Healthy Living 1200** - This course provides opportunities for students to examine and reflect on issues that affect their health and well-being. Four key areas are considered: Active Living, Healthy Eating, Controlling Substances and Personal Dynamics. **(2 Physical Education or Other required credits)**

**Physical Education 2100** - This course introduces students to a variety of recreational activities that may be enjoyed throughout adult life. Students continue to develop some of the skills acquired in previous courses. **(1 Physical Education credit)**

**Physical Education 2101** - This course introduces students to a variety of recreational activities that may be enjoyed throughout adult life. Students continue to develop some of the skills acquired in previous courses. **(1 Physical Education credit)**

**Physical Education 3100** - This course introduces students to a variety of recreational activities that may be enjoyed throughout adult life. Students continue to develop some of the skills acquired in previous courses. **(1 Physical Education credit)**

**Physical Education 3101** - This course deals with developing a healthy lifestyle through physical activity as well as learning how to develop a program suitable to student's needs. **(1 Physical Education credit)**

## Career Education

**Career Development 2201/Cariere et vie 2231** - have been developed to assist students with understanding the value and transferability of their learning, knowledge and skills to their personal and career development. **(2 Career Education credits) (Required for Graduation)**

## Other Required Credits

**Clothing 1101/ Textiles 3101** - Topics include: basic textiles, wardrobe planning, fabric and pattern selection. A sewing project is the main focus of this course. **(1 Other Required credit or 1 Fine Arts credit each)**

**Healthy Living 1200** - This course provides opportunities for students to examine and reflect on issues that affect their health and well-being. The following four key areas are focussed on: Active Living, Healthy Eating, Controlling Substances, and Personal Dynamics. There is a physical education component of about 25% included in this course and 75% in the classroom. **(2 Other Required credits OR Physical Education credits)**

**Nutrition 2102/3102**- This is a laboratory course. The focus is on Canada's Food Guide; nutrition and its relation to good health; the storage, preparation and serving of foods; Newfoundland's culinary heritage. **(1 Other Required credit each)**

**Human Dynamics 2201** - This course is made up of four components: Family as Ecosystem, Relationships, Parenting and Child Development, and Financing your Dreams. **(2 Other required credits)**

**World Religions 3101/ 3106** - is a study of the living belief systems including: Aboriginal Spirituality, Early Religions (Zoroastrianism, Jainism, Taoism, Confucianism and Shinto), Hinduism, Buddhism, Judaism, Christianity, Islam and Sikhism. **(2 Other required credits)**

**Entrepreneurship 3209** - is a course designed mainly for students who wish to pursue an in-depth study of Entrepreneurship by enabling them to formulate ideas, translate those ideas into action, and follow them through to a venture. **(2 Other required credits)**

**Consumer Studies 1202** - Introduction to the Canadian way of doing business, using technology in business and making career and consumer decisions. This is a two-semester course most suitable for basic students. **(2 Other required credits)**

**Power and Energy 3201** provides students with knowledge of energy-powered machines found in the home and in industry and with some of the skills necessary for maintaining and repairing such machines. Topics: power, energy, and work; sources and forms of power and energy; mechanical and hydraulic principles; small engines; basic automotive maintenance. **(2 Other Required credits)**

**Skilled Trades 1201** - This course is designed to explore the skilled trades involved in house construction and repair. Students will learn about the career opportunities and certification requirements for carpenters, plumbers and electricians. Students will be expected to use hand and power tools to complete simple tasks – nailing, cutting, wiring, drilling, pipe-fitting, and painting. **(2 Other required Credits)**

**Residential Construction 2201** - This course helps develop advanced residential carpentry skills and allows students to study design techniques, residential blueprints, building codes and construction methods. As well students will be able to plan construction projects using hand tools and light machinery. **(2 Other required credits)**

**Design and Fabrication 1202** - Students will use computer aided design software and create products in a fabrication site. They will be required to use simple hand and power tools to manipulate plastics, woods and light metals. **(2 Other required credits)**

**Design and Fabrication 2212** - Students will use computer aided design software and create products in a fabrication site. They will be required to use simple hand and power tools to manipulate plastics, woods and light metals. This course offers a more advanced level than in the first level course. **(2 Other required credits)**

**Robotics 3221** A broad overview of the field of robotics from applications in space, undersea, hazardous environments and industry. Students investigate the fields of mechanics, hydraulics, pneumatics, electronics, computer-based control programming and EPROMS. Students design and build progressively more complex robots using the information gained in these areas. The course is ideally suited for students contemplating a career in fields such as engineering, applied science, mechanics, electronics or computer technology. **(2 Other Required Credits)**

## **Other Credits**

**Media 3221** - This course focuses on integrating still pictures and video clips with software designed to create presentations with voice over and music for video presentation. Students will learn how to video tape and edit video with Pinnacle software and also learn the importance of timing, special effects and techniques necessary to prepare a multi-media video clip. **(2 Other Credits/ 2 Fine Arts Credits but not both) (Local Course)**  
**ONLY 4 Local credits can count towards graduation**

**Webmaster 3221** - Students in this course will learn to design professional looking web pages using HTML (Hypertext Markup Language) and other web design tools. A variety of technologies will be available to enhance the pages created for school projects and/or members of the community. **(2 Other Credits) (Local Course)**  
**ONLY 4 Local credits can count towards graduation**

**Inosuvut 2222** – students participate in both classroom and outdoor life skills activities. This course is offered in conjunction with Environmental Science 3225 **(2 Other Credits) (Local Course)**  
**ONLY 4 Local credits can count towards graduation**