



**COMMISSION SCOLAIRE SIR-WILFRID-LAURIER
SIR WILFRID LAURIER SCHOOL BOARD**

PROGRAM GUIDE 2017 - 2018

**Cycle II
Secondary III, IV and V**



**LAURENTIAN REGIONAL HIGH SCHOOL
448 Avenue Argenteuil,
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Learning and Respect Harvest Success

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FORWARD

The Program Guide 2017-2018 for Secondary III, IV and V is specifically designed to provide students with essential information about the compulsory and optional courses offered in our high school. We invite and encourage parents/guardians to review the Program Guide 2017-2018 and discuss course selections with their sons or daughters for the upcoming academic year.

Courses should be chosen to suit students' particular needs, interests or profiles. If the goal is to continue to study beyond secondary school, care must be taken to select the courses that are prerequisite for admission to the chosen program at CEGEP or other institutions. Placement takes place by administration and teachers at the end of the school year in accordance with our promotion policy. Each school's course selection form will indicate clearly which courses are compulsory and which are elective and will also state the sequence in which courses in the same discipline should be studied. Students are urged to plan, with their Guidance Counsellor, a complete profile of their secondary school program.

Any additional information required may be obtained from faculty members and our Guidance Department.

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GENERAL EDUCATION

- All students are subject to the certification rules of the new certification system.
- Credits accumulated in Secondary I, II and III are not taken into consideration in granting a Secondary School Diploma although courses taken at these levels may serve as prerequisites for higher level courses.
- Each course title is followed by a three-digit number. For example, English 406: the first digit indicates the level (Secondary IV); and the last digit denotes the number of credits (6).
- The pass mark is 60%.
- Students should take a summer school course if they have failed any of the core courses (English, French or Mathematics) and/or certifiable subjects in order to fulfill graduation requirements on schedule.

PROMOTION POLICY

Secondary III

Promotion to the next level from Secondary II is based upon the achievement of a minimum standard of 60% in two of the three core subjects of English, French and Mathematics.

Secondary IV

Promotion to the next level from Secondary III is based upon the achievement of a minimum standard of 60% in two of the three core subjects of English, French and Mathematics.

Promotion Policy to Secondary V

To be placed in Secondary V, a student must be registered in a Secondary V English and French courses. In addition, the student must be eligible to graduate with the necessary credits as prescribed by the Ministère de l'Éducation, de l'Enseignement supérieur (MEES).

Note: Final placement of all students rests with the Principal following consultation with the constituents concerned within the school.

CERTIFICATION REQUIREMENTS

The Minister shall award a Secondary School Diploma to students who earn at least 54 credits at the Secondary IV or V Level. Among those credits, there must be at least 20 credits at the Secondary V level and students must pass all of the following courses:

1. 6 credits in Secondary V language of instruction;
2. 4 credits in Secondary V second language;
3. 4 credits in Secondary IV Cultural mathematics or 6 credits in Secondary IV Scientific mathematics;
4. 4 credits in Secondary IV science and technology or 6 credits in Secondary IV applied science and technology;
5. 4 credits in Secondary IV history and citizenship education;
6. 2 credits in Secondary IV arts education; and
7. 2 credits in Secondary V ethics and religious culture or physical education & health.

DISTRIBUTION OF COMPULSORY COURSES, OPTIONS AND CREDITS

Secondary III		
Course	Credits	Periods
English, Language Arts	6	6
French, Second Language (Regular or Enriched)	6	6
Mathematics (Regular or Enriched)	6	6
History & Citizenship Education	4	4
Science and Technology (General or Applied)	6	6
Physical Education and Health	2	2
Arts Education: Drama, Visual Arts, Dance or Music	2	3
Elective Subjects: One	4	3

Secondary IV		
Course	Credits	Periods
English, Language Arts	6	6
French, second language	4	5
French, second language, enriched	6	5
Mathematics: Cultural Option	4	6
Mathematics: Science Option	6	6
History & Citizenship Education	4	4
Science and Technology	4	4
Physical education and health	2	2
Ethics and religious culture	4	3
Arts education: Drama, Visual Arts, Dance or Music	2	2
Elective Subjects: One	4	4

Secondary V		
Course	Credits	Periods
English, Language Arts	6	6
French, second language	4	6
French, second language, enriched	6	6
Mathematics: Cultural Option	4	6
Mathematics: Science Option	6	6
Contemporary World	2	2
Financial Education	2	2
Physical education and health	2	2
Ethics and religious culture	2	2
Arts education: Drama, Visual Arts, Dance or Music	2	2
Elective Subjects: Two	8	8

Note: The schedule is based on a 9-day cycle with 4 - 75 minute periods daily.

DISTRIBUTION OF WORK-ORIENTED TRAINING PROGRAM

Work-Oriented Training Path Pre-Work Training					
Year I		Year II		Year III	
General Education					
Compulsory Subjects	Prescribed Time	Compulsory Subjects	Prescribed Time	Compulsory Subjects	Prescribed Time
Language of instruction 630130	150 h	Language of instruction 630230	100 h	Language of instruction 630234	50 h
Second Language - 635130	50 h	Second Language - 635234	50 h		
Mathematics - 567130	150 h	Mathematics - 567230	100 h	Mathematics - 567234	50 h
Technological & scientific experimentation - 559134	100 h				
Geography, history & citizen education -593130	50 h	Geography, history & citizen education -593230	50 h	Geography, history & citizen education -593234	50 h
Physical education & health - 545130	50 h	Physical education & health - 545234	50 h		
Autonomy & social participation - 603130	100 h	Autonomy & social participation - 603230	100 h	Autonomy & social participation - 603234	50 h
Practical Training					
Compulsory Subjects	Prescribed Time	Compulsory Subjects	Prescribed Time	Compulsory Subjects	Prescribed Time
Preparation for the job market – 609130	50 h	Preparation for the job market – 699230	100 h	Preparation for the job market – 699233	50 h
Introduction to the World of Work – 609134	150 h	Work skills – 608230	300 h	Work skills – 608234	600 h

Work-Oriented Training Path Training Leading to a Semi-Skilled Trade	
General Education	
Compulsory Subjects	Prescribed Time
Language of instruction – 632212	200 h
Second language – 634212	100 h
Mathematics – 563212	150 h
Practical Training	
Compulsory Subjects	Prescribed Time
Preparation for the job market – 699233	75 h
Preparation for a semi-skilled trade -696204	375 h

ENGLISH LANGUAGE ARTS

English Language Arts (ELA306–632306)

The objective of this program is to help students effectively use language in formulating their ideas, and to participate in the communication process.

At Secondary III, the program continues to develop the student's skills in the three competencies:

- Uses language to communicate and to learn;
- Reads and listens to texts; and
- Produces spoken, written and media texts.

To achieve these aims, students read or view novels, plays, short stories, poems, articles, films and documentaries; talk in group and class discussions; write or create texts that may include short stories, journals, plays, essays, letters, responses, and multi-media texts.

English Language Arts + Media Studies (ELA3U6-632306)

The objective of the course is to blend media with all the requirements of the Secondary III Language Arts program. This means that the students will still complete all reading, writing and oral assignments needed in order to receive their Language Arts credit, while putting a media spin to the objectives taught. An example is to have students actually create the newspaper or magazine when they learn the three articles introduced at this level or create a new ad campaign for a known product such as Tim Horton's when they learn to deconstruct media texts.

This course is available to any Secondary III student that has an interest in a variety of media formats and wishes to explore a real world application of the lessons being covered. The course is split with four courses in the classroom and two in the computer lab giving the students their six classes per cycle. There are a limited number of spaces available.

English Language Arts – (ELA406–632406)

The objective of this program is to continue the development of the student's use and appreciation of language and to develop and improve the competencies:

- Uses language to communicate and to learn;
- Reads and listens to texts; and
- Produces spoken, written and media texts.

English Language Arts - Bridge (ELA5B6 – 632406 + 612536)

This course is designed for students who have failed a level of senior English. The objective of this course is to give graduating students an opportunity to write a level IV English evaluation in January and therefore be entitled to write the Ministry English exams for level V at the end of the year.

Class activities will allow students to review the program competencies as presented in level IV English and later in the year, to build on and improve those through the level V English curriculum.

English Language Arts (ELA536–612536)

The objective of this program is to continue to encourage the student's realization and appreciation of the value of language in formulating ideas, and in effective communication. In addition, emphasis is placed on preparation for the final English MELS exam.

The program continues to improve the student's competencies:

- Uses language to communicate and to learn;
- Reads and listens to texts; and
- Produces spoken, written and media texts.

English Language Arts - 20th Century Fact and Fiction (ELA5E6 - 612536+ 586552)

Fact and Fiction is a survey course aimed at introducing students to the conflicts and literature of the 20th Century and how both have shaped the world of today. This is a demanding upper level course that replaces regular Secondary V English for those students who qualify. The regular six periods of English are split into four enriched English and two advanced World History classes. Students in Fact and Fiction are still required to improve the competencies required in regular Secondary Five ELA and to write their MELS Secondary V English exam at the end of the year.

In the program, the 20th Century will be viewed from the historical perspective in terms of factual events, as well as from the fictional literature those same events fostered. Students in this course will be called upon to complete a variety of tasks including crafting and presenting the annual Remembrance Day Ceremony, interviewing veterans of Canada's wars, documenting research trips to the Canadian War Museum, the Canadian National Archives, the National Aviation Museum and the Diefenbunker.

This course is aimed to preparing students for the demands of CEGEP and first year university. In order to qualify for this course, students must apply in order to have their grades and abilities reviewed. Application forms can be picked up from Ms. Robin Vero in the English department.

FRENCH, SECOND LANGUAGE

French, Second Language (FSL306-634306)

This is a compulsory course for students who have succeeded in French, Second Language 206.

Class activities will allow students to pursue the three areas of competencies as described by the Ministère de l'Éducation, de l'Enseignement supérieur (MEES) (Interact orally in French, Read and understand a variety of texts, Produce a variety of written texts).

Five different themes allow for the study of different elements of grammar, reading comprehension, written expression and oral production. Evaluation will be held on all three competencies through regular reporting session. A summative evaluation will take place at the end of the year.

French, Second Language, Enriched (FSL3E6-635306)

This course is offered to Secondary III students who have successfully completed the level two enriched program and who have maintained a high standard of achievement.

Class activities will allow students to pursue the three areas of competencies as described by the Ministère de l'Éducation, de l'Enseignement supérieur (MEES) (Interact orally in French, Read and understand a variety of texts, Produce a variety of written texts).

Reading plays an important role in the program and will be reinforced through a variety of novels, articles and texts.

Six different themes allow for the study of different elements of grammar, reading comprehension, written expression and oral production. Evaluation will be held on all three competencies through regular reporting session. A summative evaluation will take place at the end of the year and will influence the placement of the student for the following year.

French, Second Language (FSL404-634404)

This course is compulsory for students who have successfully completed French, Second Language 306.

Class activities will allow students to pursue the three areas of competencies as described by the Ministère de l'Éducation, de l'Enseignement supérieur (MEES) (Interact orally in French, Read and understand a variety of texts, Produce a variety of written texts).

The objectives are to improve the student's oral and written expression and comprehension through a variety of activities, related to five different themes. Regular reading is an important component of this course (a minimum of 2 novels).

French, Second Language - Enriched (FSL4E6-635406)

This course is offered to Secondary IV students who have been identified as above average in oral, written and reading skills.

Class activities will allow students to pursue the three areas of competencies as described by the Ministère de l'Éducation, de l'Enseignement supérieur (MEES) (Interact orally in French, Read and understand a variety of texts, Produce a variety of written texts).

The objectives of this course are to improve students reading and writing skills while developing their knowledge of French culture and values through literature, magazines, current events and entertainers. Regular reading is expected; grammar components and structures are reviewed and practiced in oral and written productions.

French, Second Language (FSL504-634504)

This course is compulsory for students who have successfully completed French 404. The objectives of this course are to build and improve oral and written skills and comprehension through a variety of situations and topics which relate to the Senior High School students' particular interests.

Class activities will allow students to pursue the three areas of competencies as described by the Ministère de l'Éducation, de l'Enseignement supérieur (MEES) (Interact orally in French, Read and understand a variety of texts, Produce a variety of written texts). The final evaluation of the year is based on the three terms (50%) and the final exams (50%).

French, Second Language - Enriched (FSL5E6-635506)

This course is designed for students who have already completed the French, Second Language – Enriched 406 course, whose written and reading abilities are higher than those of regular French 504 students. It is a course which focuses on Literature from Québec. Students will review all grammar components covered over the previous years. The final evaluation of the year is based on the three terms (70%) and the final exams (30%).

MATHEMATICS

Mathematics Department Promotional Guidelines:

A student must have an overall average of 60% or more in order to be promoted from one level to the next in Regular Math.

Promotion from Regular Math to Enriched Math is NOT a frequent occurrence. Such promotions will be done if and only if there is a recommendation from the Math Department. This recommendation will be done based primarily on the work ethic and motivation of the student and secondly on the student's results.

Students in Enriched Math must maintain a strong average (specified by the teacher).

Students who do not wish to stay in Enriched Math or whose results are less than specified (but more than 60%) will be promoted to regular Math in June.

Students in regular Math in Secondary III will be enrolled in Cultural Secondary IV Math.

Students in Enriched Math in Secondary III have the choice among Cultural Math, Technical Math and Scientific Math in Secondary IV.

Students with an overall average of 60% or more in Cultural Secondary IV Math will be promoted to Cultural Secondary V Math.

Students with an overall average of 60% or more in Scientific Secondary IV Math will be promoted to Scientific OR Technical OR Cultural Secondary V Math.

Mathematics – Regular (MAT306-563306)

Geometric figures: Transformational geometry and isometry. Three dimensional figures: spatial relationships, volume, surface area, problem-solving

Algebra: First degree equations, table of values, graphs, integers, mathematizing, word problems, direct and partial variation, exponents, operations with polynomials, Pythagorean theorem, square root, irrational numbers, problem-solving

Statistics: Tabulation of data, histograms, mean median mode, range of distribution, problem-solving

Mathematics – Enriched (MAT3E6-563306)

This is an enriched program in which students cover the regular Mathematics 306 program and additional topics. All topics are substantially enriched, with particular emphasis on Algebra (includes Factoring, Absolute Value, Quadratics, Fractional Equations and more).

Mathematics – Cultural (MAT4C4-563414)

Arithmetic and Algebra

First inequality in two variables, real function: polynomial of degree less than 3, exponential, periodic, step, piecewise, system of first-degree equations in two variables

Statistics and Probability

Subjective probability, fairness: odds, mathematical expectation, measure of position: percentile, measure of dispersion: mean deviation, linear correlation: correlation coefficient and regression line

Geometry and Graphs

Distance, slope, point of division, straight line and half-plane: parallel and perpendicular lines, relationships in triangles: sine, cosine, tangent, sine law and Hero's formula.

Mathematics – Scientific (MAT4S6-565426)

Algebraic Expressions

Polynomials, identities, polynomial division, factoring, rational expressions, second degree equations and inequalities

Functions

Properties, parameters, polynomial functions, constant functions, linear functions, Quadratic functions (standard, general and factored forms), Step function

Analytic Geometry

Distance between two points, mid-point, Straight lines (slope, intercept, standard form, general form, symmetric form, equations) distance from point to line, regions

Systems of Equations

Systems of first degree equations, Systems with one linear and one quadratic

Triangles

Angles, congruent and similar triangles, right triangles

Metric and trigonometric relations in triangles (sine, cosine, tangent, sine and cosine laws)

Equivalent figures

Area and volume of solids, equivalent plane figures, equivalent solids, comparing polygons, comparing solids

Statistics

Linear correlation: correlation coefficient and regression line

Mathematics – Cultural (MAT5C4-563504)

Optimization

First-degree equalities in two variables
First degree inequalities in two variables
System of first-degree inequalities in two variables
System of first-degree equalities in two variables
Polygon of constraints
Function to be optimized (*objective* function)
Optimization

Graph Theory

Graphs
Chains
Various Graphs
Optimization Problems

Transformations

Translation
Rotation
Reflection
Scaling
Size Transformation
Properties of Transformations
Composites

Equivalent figures

Area and volume of solids
Equivalent Plane Figures
Equivalent Solids
Comparing Polygons
Comparing Solids

Probabilities

Events, Outcomes, Conditional Probability

Mathematics – Scientific (MAT5S6-565506)

Arithmetic and algebraic expressions

- Real numbers: absolute value, radicals, exponents, square root, factoring

Relations, functions, polynomial functions, real functions and inverse

- Real functions: second-degree polynomial (general form), step, absolute value, square root, rational, piecewise
- Parameters
- Operations on functions

Optimization

- System of first-degree inequalities in two variables
- System of equations and inequalities involving various functional models
- Polygon of Constraints
- Optimal Solution

Exponential and Logarithmic Functions

Trigonometry

- Metric relations in circles and trigonometric relations in triangles: sine and cosine laws
- Standard unit circle (Radian, arc length)
- Trigonometric Identities
- Inverse

Vectors (resultant, operations and projection)

Conic Sections

- Geometric locus: Circle, Ellipse, Hyperbola, Parabola

SCIENCE

Science and Technology (SCT306-555306)

Science and technology courses offered in Secondary 3. The emphasis is on Earth and Space, Human Biology, Evolution of Life, Properties of Matter, and Technology. This course is a more traditional program consisting of an emphasis on classroom and laboratory work.

Science and Technology (SCT444-555444)

One of two science and technology courses offered in Secondary 4. The emphasis is on Introductory Chemistry, Ecology and the Environment, Properties of Matter, and Technology. This course is a more traditional program consisting of an emphasis on classroom and laboratory work.

SOCIAL STUDIES

History of Québec and Canada (HQC304 – 585304)

The aim of this program is to teach citizenship to students through an intense study of both the physical world in which they live as well as how history and culture impact their lives and shape their future.

The topics addressed include: the first occupants, the emergence of a society in New France, the change of empire, demands and struggles in the British colony, the formation of the Canadian federation, the modernization of Québec society and issues in Québec society since 1980.

History and Citizenship examines these topics from a 21st Century viewpoint. This viewpoint requires an understanding of social responsibility, environmentalism, politics, good government, the economical impact of living our lives the way we do, and the choices we as citizens can make to better our society.

History of Québec and Canada (HQC424 – 587424)

History and Citizenship is a compulsory course for all Secondary IV students. There are no prerequisites for this course. Students must pass this course in order to receive a High School Leaving Certificate.

In the second year of Cycle 2, the History and Citizenship Education course looks at the content of the first year in light various social phenomena. These phenomena include population and settlement, economy and development, culture and currents of thought and official power and countervailing powers.

Contemporary World (CWO502 – 592502)

The Contemporary World program aims to:

1. Help students grasp the complexity of the world today and to be open to the diversity of the societies that make it up.
2. Help students develop their critical faculties by studying problems and issues of the contemporary world.
3. Prepare students to participate as responsible citizens in social debate.

In this program, students consolidate previous learning regarding a research process and continue to develop concepts that foster critical judgment. The students will examine regional, national and global concepts using various aspects of Social Studies in History, Geography, Politics and Economics as well as the influence of media both on their vision of the world and on societies.

Financial Education – (FIN532-602532)

Financial Literacy is a new 2-credit course that focuses on what Secondary V students need to manage their personal finances. It will examine situations with which they are already familiar or that they may encounter in the near future. The following three financial issues are examined in the program: Consuming goods and services, Entering the workforce and Pursuing an education. Each of these issues involves different options whose analysis requires students to exercise critical judgment, use their ability to make choices and estimate the opportunity cost, and take applicable legislation into account.

The program focuses on the development of one competency: – Takes a position on a financial issue

ETHICS & RELIGIOUS CULTURE

Ethics & Religious Culture (ERC402 – 569402) or (ERC502 – 569502)

The ethics and religious culture program combines components of ethics and religion, but also explains the secular representations of the world of humanity. The ethics curriculum is based on different focuses, particularly the following:

Reflection on values and social prescriptions

Appreciation of different views of the world and of humans

The ability to take a reflective position on moral or ethical issues

By the end of their secondary studies, students will be able to judge the values and standards (obligations, rights, etc.) that orient human actions, make choices based on the common good, and get involved and work with others autonomously and responsibly within a pluralistic and democratic society.

PHYSICAL EDUCATION & HEALTH

Physical Education & Health (PEH302 – 543302), (PEH402 – 543402), and (PEH502-543502)

Students will be expected to participate in a variety of physical education activities which will help them to develop skills in order to function in a personal and social context for the rest of their lives.

The course will focus on several lifetime sports, be they team or individual, such as soccer, flag football, basketball, volleyball, badminton, softball and swimming.

Students are evaluated on their participation, effort attitude and athletic ability. Everyone is expected to have a change of clothes for physical education class for ease of participation and reasons of hygiene. Proper gym attire is mandatory: shorts, sweatpants or track pants, t-shirt and running shoes. During swimming classes: an appropriate bathing suit, towel and bathing cap (required).

ARTS EDUCATION

Visual Arts (ART302-668302)

The overall objective of ART302 is to enable students to have aesthetic experiences through the "making" and "seeing" of images. The program evolves through four modules:

Theme: Students find personal ways to express themselves through perceiving, comparing, describing and representation.

Visual Language: Students develop a conceptual knowledge of the visual vocabulary they are called upon to use and look for in images.

Gesture and Technique: Students become familiar with certain tools, media and processes.

Art and Society: To enrich their understanding of themselves and their world, students are introduced to some aspects of native cultures.

Evaluation: Students are expected to complete all assigned projects. If more time is needed, the art class is opened during lunch time. Sketchbook work can be done in class or at home. During the year, students will be evaluated using a variety of projects. These projects will enable students to demonstrate their competency in creating images as well as being able to appreciate works of art, in accordance with the requirements of the Quebec Education Program.

Visual Arts (ART402-688402)

The overall objective of ART402 is to enable students to have aesthetic experiences through the "making" and "seeing" of images. The program evolves through four modules:

Theme: Students find personal ways to express themselves through perceiving, comparing, describing, symbolization and representation.

Visual Language: Students develop a conceptual knowledge of the visual vocabulary they are called upon to use and look for in images.

Gesture and Technique: Students become familiar with certain tools, media and processes.

Art and Society: To enrich their understanding of themselves and their world, students are introduced to some aspects of Modern and Contemporary Art of Europe and North America.

Evaluation: Students are expected to complete all assigned projects. If more time is needed, the art class is opened during lunch time. Sketchbook work can be done in class or at home. During the year, students will be evaluated using a variety of projects. These projects will enable students to demonstrate their competency in creating images as well as being able to appreciate works of art, in accordance with the requirements of the Quebec Education Program.

Visual Arts (ART502-688502)

The overall objective of ART502 is to enable students to have aesthetic experiences through the "making" and "seeing" of images. There will also be an introduction to the camera and the use of the black & white darkroom. The program evolves through four modules:

Theme: Students find personal ways to express themselves through perceiving, comparing, describing, symbolization, representation and communication.

Visual Language: Students continue to develop a conceptual knowledge of the visual vocabulary they are called upon to use and look for in images.

Gesture and Technique: Students continue to explore certain tools, media and processes.

Art and Society: To enrich their understanding of themselves and their world, students are introduced to some aspects of Art in Québec and Canada.

Evaluation: Students are expected to complete all assigned projects. If more time is needed, the art class is opened during lunch time. Sketchbook work can be done in class or at home. During the year, students will be evaluated using a variety of projects. These projects will enable students to demonstrate their competency in creating images as well as being able to appreciate works of art, in accordance with the requirements of the Quebec Education Program.

Dance (DAN302-672302)

The Secondary III Dance program encourages students to explore the dance of various peoples around the world in a meaningful way, and enables students to express themselves through a nonverbal means of communication while increasing their dancing abilities. The students will work as a whole on class choreography, and also in smaller groups to produce choreographies that reflect a specific genre previously introduced in class. Open to all students.

Note: All students and their parents must sign the Dance Class Expectations form.

Dance (DAN402-672402) (DAN502-672502)

The senior levels of the Dance program will focus on developing technique and the students own personal styles, and more emphasis will be placed on choreographic work, both in groups and individually. Students at this level will be expected to perform class and/or their own personal works in a public performance.

Note: All students and their parents must sign the Dance Class Expectations form.

Drama (DRA302-670302)

This program will expand on the students' basic knowledge, with a focus on advanced theatre techniques, script interpretation and character development. This year, students will be expected to perform several short scenes and create new characters through mask work.

Drama (DRA402-670402)

This advanced course stresses both the study of theatre history and public performance. Through research, students will develop their knowledge of different theatre styles and techniques; students will also be expected to work on the technical aspect of performing, such as set and costume design. The courses will culminate in a Children's Theatre production, which may be performed on a tour of the regional elementary schools.

Drama (DRA502-670502)

This advanced course stresses both the study of theatre history and public performance. Students will study and analyze film, relate this to on stage dramatic works, and learn the art of direction. Students will learn to break molds and work outside of their comfort zones.

Music (MUS302-669302)

This course offers students an opportunity to study and perform music from the idiom of rock and roll. It is designed to prepare students for the Music courses in levels 4 and 5.

No prior playing experience is necessary. If you have already begun to play, or are interested in learning to play guitar, bass, drums, percussion, keyboards, or be a vocalist, this course will interest you. ***There is no pre-requisite or audition for this course.*** The student simply must be interested in learning to sing, play an instrument, and play music of their choosing.

Objectives

While working with the teacher, students will learn the basic skills required to become proficient on their chosen instrument. The student will explore various playing techniques while learning to play repertoire that is best suited for their playing abilities. The goal is to prepare students for the level 4 Music course.

Evaluation

The majority of the students' mark will be based on learning their chosen instrument. Students will be required to attain specific competencies. As well, students will perform at least one musical selection in front of a live audience.

Music (MUS402-669402) or (MUS502-669502)

This course offers students an opportunity to study and perform music from the idiom of rock and roll. It is designed to be a continuation of the Sec. 3 Music program. Because this course is offered 2 days on 9, it is strongly recommended that students have some prior playing or singing experience.

Objectives

The course is "performance" based. While working closely with the teacher, the students will improve their skills on their respective instruments or their vocal abilities. The student will explore various playing techniques while learning to play a repertoire that is best suited for their playing abilities. The course also requires that each band compose one song.

Evaluation

There are playing tests at the end of each term. A minimum of two songs must be presented and the teacher will evaluate the performance, knowledge of the song (chords, lyrics etc), as well as the student's progress. At the end of term 3, the students will perform their repertoire in front of a live audience.

ELECTIVE SUBJECTS

Life Skills Education (LSE314-616314)

In “*The Wellness Centre*”, we will explore and practice good nutrition. As well, we will learn about positive family and successful personal relationship skills that lead to a long and healthy, happy life.

These latter themes are based on the finding and statistics from “*The Harvard Study of Adult Development*” which has followed hundreds of individuals for more than 50 years. The research has resulted in some extraordinary conclusions about the factors that affect longevity and wellness. Individual lifestyle choices, it is found, play a greater role than genetics, wealth, race or other factors.

This course includes a unit on food and nutrition. In small groups, students share cooking experiences using easy, healthy, and economical recipes.

Introduction to Woodworking (WOO344 –693344)

Students will be learning to use a variety of hand tools, and simple power machines to build various projects using wood, starting with simple ones, such as a spaghetti measure, and progressing to more complicated ones, such as a corner shelf.

Intermediate Woodworking (WOO444 – 693444)

This course is offered to students in Sec. IV, and carries 4 Sec. IV credits. Using hand tools and power tools and a variety of machines in the wood shop, students will learn wood joining, gluing, mitring, and fitting to make complicated projects, starting with beach chairs, and progressing on to make potato bins and book cases.

Advanced Woodworking (WOO544-693554)

This course is offered to students in Sec. V, and carries 4 Sec. III credits. To start the course there will be a review of the machinery and hand tools and then students will work on complex woodworking projects using a variety of wood joining methods and fitting methods to build such objects such as book cases, armoires, and a variety of furniture. A portion of the course will include learning the basics of home construction involving floors, walls and roofs.

Technical Explorations - Small Engine Repair (TEX344 – 699344)

This is an optional course taken at the Secondary III level. No previous knowledge of small engines is required.

The main goals of this course are to provide the student with knowledge, skills and attitudes that will enable her/him to safely practice hands on techniques in repairing small single cylinder motors such as: lawn mowers, snow blowers, etc.

Technical Explorations - Welding (TEX554 - 699554)

This is an optional course for Sec. IV and V students with no prerequisites, and students are awarded 4 Sec. V credits upon successful completion of the course.

This course introduces students to welding safety, oxyacetylene welding and cutting, MIG welding along with mechanical math and plan design. Possible projects are traction aids and trailer.

Mechanical Construction and Motor Vehicle Maintenance (MECMVM-865802 + 840822)

Mechanical Construction

This is an optional course taken at the Secondary IV and V level. No previous knowledge of mechanical construction is required.

This course is designed to provide the student with knowledge, skills and attitudes that will enable her/him to safely practice hands-on techniques in metal working and wood construction. Students will also learn how to use basic drafting instruments for orthographic drawings & architectural floor plans.

Motor Vehicle Maintenance

This is an optional course taken at the Secondary IV and V level. No previous knowledge of automotive is required.

The course introduces students to the principles of the internal combustion engine and the automobile, including the cooling and lubricating systems, with emphasis on the practical work involved in Automotive Servicing.

Automotive Maintenance and Internal Combustion Engines (AUTICE-755802 + 840832)

Automotive Maintenance

This is an optional course taken at the Secondary V level. Motor Vehicle Maintenance is a prerequisite to this course.

This course continues with more detail on servicing automotive systems, including brakes, suspension, exhaust systems, etc....

Internal Combustion Engines

This is an optional course taken at the Secondary V level. Motor Vehicle Maintenance is a prerequisite to this course.

This course continues with more detail on the principles of the internal combustion engine, including the cooling and lubricating system, with emphasis on the practical work involved in Automotive Servicing.

Physical Education OPTION (PED344 – 546344) or (PED444 - 546444) or (PED544 – 546544)

The Physical Education department is offering an option course to complement the existing Physical Education curriculum. This option is offered to students in Secondary III, IV and V. Students will receive credits at the appropriate level upon successful completion of the course. The focus of the course will be on creating awareness of our own personal fitness and health, improving skills in individual and team sports and creating a positive overall athletic experience, with an emphasis on teamwork and good sportsmanship.

Sport Activities – Concentration Hockey or Rugby

This option is open to all Secondary III, IV and V students. Our goal is to provide students with the opportunity to play hockey or rugby within their daily schedule. Required equipment will be necessary to participate in this option. Previous experience is recommended, but not required. There will also be a cost attached. Please call the school for further information.

Hockey Program (HOC344- 549344) or (HOC444 – 549444) or (HOC544 - 549544)

1. 30 two-hour sessions on the ice learning individual skills and team skills.
2. Dry land training, ball hockey and a variety of Physical Education activities in the spring.
3. 2 to 4 classroom and game tape sessions going over previous games and strategies of ice hockey, marrying plays and trying them out and learning why coaches make certain decisions.
4. Some players will be selected to participate in games and tournaments outside the regular curriculum.

Rugby Program (RUG344 – 549344) or (RUG444 - 549444) or (RUG544 - 549544)

Rugby is a highly physical and demanding sport. **Personal strength and safety are at the core of this program.** Students interested in participating in the rugby course are encouraged to participate in all of the other physical ECA activities knowing that their personal training and fitness is increasing throughout the year. There is an additional cost that will be incurred for the Rugby Program.

Physical contact is a must in the rugby course, as is the strength training; motivation is key.

To increase both strength and conditioning; required for Spring Rugby Season the course will consist of:

- Over eighty 75 minute periods designated for: Aerobic, Plyometric, Interval, Anaerobic, Weight, Circuit training.
- Each session will also consist of wrestling, tackling and fundamentals specific to the demands of rugby: catching, passing, positioning, communication, rules, teamwork, etc.
- Fitness tests will be applied in the fall, winter and spring seasons. Grades will reflect the individual improvements shown over the periods of time: physical, speed, coordination, strength, game play, confidence, mastery of expected skills.
- Expectations are high to be involved in this program; we have put numerous players on both the Quebec Provincial U16 and U18 Rugby teams, male and female. You will become fit and confident doing this program.

1. Class sessions consist of: plyometric training, body weight and resistance training, muscle endurance training, core, hip and torso flexibility, speed and agility training, wrestling and breakdown training specific to the demands of rugby.
2. Class sessions will consist of the latest fundamental training techniques prescribed by the Canadian / Quebec Rugby Academy.
3. Fitness training will be daily. Term grades will reflect both in individual improvements based on Technical, Tactical, Physical, Mental, and Leadership Outlines. All players are required to complete 3 Individual assessments to track their achievements to reflect on areas which they see improvement or need to improve.
4. Two seasons for all class members: Fall tournaments for class members only. Spring tournaments and league play for all players. **SAFETY FIRST**. Depending on the level of the teams we will be playing, individual play time will be restricted until personal ability is sufficient to participate.
5. All participants must have (or purchase through LRHS) rugby shorts: navy or white is preferred. All new players will have to purchase his/her own rugby jersey with their prescribed number on it. It can be used for class and/or all games. The cost will come out of the class fee; **it is a one-time cost unless the student would like new shorts or jerseys. The Kit will be used for all the years the player is involved. If he/she chooses to sell or give their kit to a new player? That is his/her decision.**
6. Each year, Rugby Canada's Quebec Rugby Academy has approached LRHS players to participate in national training sessions at the Concordia Dome in Montreal. There they will be coached by national coaches and encouraged to participate at higher levels. This is an outside program from the LRHS program, but is encouraged to participate in. It generally runs from October to April with one training session a week and one on a Saturday of each month. Any student serious about going to CEGEP in Montreal and carry forward their rugby carrier, it is highly recommended to get involved early.

Environmental Science and Technology (EST404 – 558404)

An optional course for students in Science who are interested in taking the advanced Science options in Secondary V. This course is a prerequisite for Physics and Chemistry.

This course is only available to students who have attained at least 75% in Secondary III Science, and preference will be given to students enrolled in Secondary IV or Scientific Math.

Chemistry (CHE504 – 551504)

An optional course for students in Secondary V. This course is a requirement for students who wish to take Science courses in CEGEP.

This course has strict pre-requisites: Students must have attained at least 75% in Environmental Science and Technology (ENV404). In addition, students must be enrolled in Secondary V Technical or Scientific Math.

Physics (PHY504 – 553504)

An optional course for students in Secondary V. This course is a requirement for students who wish to take Science courses in CEGEP.

This course has strict pre-requisites: Students must have attained at least 75% in Environmental Science and Technology (ENV404). In addition, students must be enrolled in Secondary V Technical or Scientific Math.

Biology (BIO544 – 535544)

Biology 544 is a general biology course designed for Secondary V students who have successfully completed Secondary IV General or Applied Science with a minimum of 75%.

Biology 544 is broken down into 5 units: The Organization of Life, Community Ecology of Plants and Animals, Cell Division and Genetic Inheritance, Evolution and Species Diversity, and Environmental Issues. Work for this course will consist of reading and notes, independent and group research projects and presentations, and labs and investigations. Evaluation will be based on lab and other reports, quizzes and tests. A final summative exam will be given during the exam period in June.

Media (MED444-612444) or (MED514-612514)

This course is offered to students in Secondary IV and V. Students will receive 4 credits at the appropriate level upon successful completion of the course. This course is a survey of both electronic and print media. The history and evolution of television, radio, film, newspapers and periodicals will be examined. Students will be asked to think and write critically about issues such as audience, technology, point of view and accountability. The course will also examine basic techniques such as newspaper writing and layout, advertising design, audio taping and videotaping. The teaching approach will combine lectures and independent project work. Active student participation and collaboration is encouraged.

Home Economics - Strategies for Independent Living (HEC564 – 620564)

This is an optional course offered to students of Secondary V. Four Secondary V credits are awarded upon successful completion of the course. The course integrates 2 modules.

1. Foods and Nutrition explores a variety of food choices based on the management of our basic resources of time, cost, nutritional value, skills etc. In small groups, students share many cooking experiences with user-friendly recipes that promote a healthy lifestyle.
2. Independent Living allows students the opportunity to investigate and rehearse specific strategies that effectively ease the transition from parental home to living on one's own at the post secondary level. Topics include choosing a roommate, setting priorities, tenants' obligations and rights, budgeting and personal finance, increasing communication and decision making skills, personal and home safety, consumer savvy etc.

As well, some topics for the Independent Living course have been based upon "*The Seven Habits of Highly Successful Teens*". This book explains the skills and choices made by successful individuals which have been summarized and then adapted by Sean Covey.

The theme that binds these modules emphasizes learning and practicing specific strategies or behaviors for becoming a better all-around person and elevating individual skills. These are tools that can engineer and guide our lives on the road to success and happiness.

Spanish as a Third Language (SPA404 – 641404) or (SPA504 – 641504)

BIENVENIDOS AL CURSO DE ESPANOL! WELCOME TO SPANISH CLASS!

This course is an introduction to understanding, speaking, reading, and writing Spanish. Students acquire language functions, vocabulary, structures and culture through contextualized presentation, interactive activities and practice. For beginning students only.

By the end of the year, students should be able to do the following at the beginner level: Understand predictable questions and commands in familiar topic areas; understand speech on familiar topics at a slower than normal speed; interact orally on familiar topics; use language for personal communications needs, ask and answer questions and request clarification as needed; understand written documents on familiar topics dealing with basic needs or interests; write short descriptive paragraphs; demonstrate familiarity with selected aspects of Hispanic culture(s) and search for information on the Internet.

Each class will feature a diverse mixture of activities designed to introduce, review and expand material. Class activities such as songs, role-plays, games and movement will help activate students' memories and make learning more enjoyable.

Cinema and Society – 20h Century History of Film (CIN484-670484) or (CIN584 - 670584)

This course is offered to students in Secondary IV and V. Students will receive 4 credits at the appropriate level upon successful completion of the course.

Students will be offered a comprehensive social history of the movies. We will examine the content and the form of the films, the techniques of expression, the modes of transaction with the audience and the ways in which these carry social implications. We will deal with the act of film and how it connects with social, cultural and political issues in society.

We will begin at the turn of the 20th century and cover a wide variety of movies from Hollywood and from around the world. We will look at different genres of film (new wave cinema, indie films, heroes in film, propaganda in film) study film critique and analysis, film design, music scores, film trends, directors, actors and public responses.

Evaluation: Through written reviews, lectures, class discussions, presentations, projects, potential field trips and short essays the students will become better writers, develop analytical skills and critical thinking useful in all areas of study. This course is suited to students who love cinema but who also want to understand how and why cinema affects us as strongly as it does, influencing us individually and as a society.

WORK ORIENTED TRAINING PATH

2 NEW PROGRAMS TO HELP YOU SUCCEED

The Work Oriented Path gives students the opportunity to obtain practical training in the workplace while pursuing general education adapted to their needs.

THE PRE-WORK TRAINING PATHWAY IS INTENDED FOR STUDENTS WHO:

Are at least 15 years of age as of September 30th, and have not met the requirements of the elementary level programs for English and Mathematics.

The Pre-Work Training Path is a three-year program that helps students progress at their own pace in a variety of subjects while preparing them to carry out their roles as adults, citizens and workers. During the 1st year, students will be in school all year, during the 2nd year, students will be on a work stage for 300 hours, in the 3rd year students will work 600 hours outside of the school. The curriculum will include the following courses: ELA, FSL, Mathematics, Technological and Scientific Experimentation, Geography, History and Citizenship, Physical Ed., Health, Autonomy and Social Participation. Students receive a Pre-Work Training Certificate upon completion.

THE TRAINING FOR A SEMI-SKILLED TRADE IS FOR STUDENTS WHO:

Are at least 15 years of age as of September 30th, and have not earned Secondary Cycle One credits in English and Mathematics.

Training for a semi-skilled trade is a one-year program in which students will complete the requirements of Secondary Cycle One programs in English, French and Mathematics. The work stage component will include 375 hours in the workplace. Students receive a Training certificate for a semi-skilled trade upon completion.

Students enrolled in this program can, subject to certain conditions, continue their studies in Vocational Training or in one of the two General Education Paths.