



WINDSOR SECONDARY COURSE PROGRAMMING GUIDE 2016-2017



ÉCOLE SECONDAIRE WINDSOR SECONDARY SCHOOL

COURSE PROGRAMMING 2016/2017

“LEARNING FOSTERS SUCCESS”

At Windsor Secondary School, we strive to create an environment that honours respect, dignity, diversity, and the value of lifelong learning. We value everyone's right to work and learn in a safe supportive challenging environment that results in academic excellence, artistic creativity, and citizenship.

Welcome to Windsor

Welcome to the 2016-2017 School Year at Windsor Secondary School. We are proud to offer a comprehensive range of programs to meet the needs of all our students.

The information provided in this book is for students and parents to collaboratively make decisions about program requirements for successive years through to graduation. We recommend that you contact the grade specific counsellor if you have any questions regarding your selected program of study.

The French Immersion Program

The objectives of the French Immersion Program are to provide an opportunity for students to achieve a functional competency in the oral and written use of the French language and to familiarize students with the culture of the Francophone community in Canada and throughout the world.

Three core academic courses are taught in French: Sciences Naturelles in grades 8 to 10, Sciences Humaines in grades 8 to 11, and Français Langue in grades 8 to 12. In addition, P.E. 8 and 9 are also taught in French. Upon successful completion of each course in the program, students will receive a French Immersion Graduation Certificate in addition to the regular Dogwood Graduation Diploma. As a bilingual school, Windsor offers an extensive collection of French resources that are shared with English program students. The teaching staff encourages students to participate in a number of co-curricular activities in French, thus giving them opportunities to hone their linguistic skills in a more natural environment.

Transition Team

Counsellors

Mr. Steve Martin	Current Grade 7	next year's grade 8
Ms. Sarah Best	Current Grade 8	next year's grade 9
Mr. Steve Martin	Current Grade 9	next year's grade 10
Ms. Kimberly Desjardins	Current Grade 10	next year's grade 11
Ms. Mancy So	Current Grade 11	next year's grade 12 & International Students

Administrators

Mr. Adam Baumann	Grade 12	Principal
Ms. Melanie Learoyd	Grade 8 & 9	Vice Principal
Mr. Michael Kee	Grade 10 & 11	Vice Principal

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HOW TO USE THIS GUIDE

- Parents are invited to attend the Parent Programming meetings held in the **Multi-Purpose room** at Windsor Secondary:
 - The new Grade 7 Programming Night will be held at 6:30pm on February 10, 2016.**
 - The new Grades 9 to 12 Programming Night will be held at 7:00pm on January 20, 2016.**
- Students will attend the programming sessions offered by Windsor's counsellors. There they will learn about the curricular requirements at each grade level and about the courses Windsor offers to meet these requirements.
- Read this programming guide. Consider how the information you find here fits in with your educational, career, and personal goals. More detailed information relating to a specific course can be obtained from either a teacher, a counsellor, or from Windsor's school website www.windsorsecondary.ca. Note that courses offered are subject to enrollment. Information relating to graduation requirements and entrance requirements to specific post-secondary institutions can be obtained from members of the Counselling Department or by contacting the institutions directly.
- To find course selection information on the Windsor Secondary website, go to www.windsorsecondary.ca and click on 'Programs and Services' and then 'Courses', at the top of the page.
- Discuss this information with your parents, teachers, and counsellor.
- Complete your course selection sheet. Check to make sure it meets the curricular requirements for your grade level. Return your course selection sheet to Student Services before **February 26th (current Grade 7s to Grade 7 teachers by February 26th as well)**.

Below is an explanation of the information that appears with each course description. Please use this information when completing the course selection sheet for grades 9 to 12.

COURSE NAME	COURSE CODE	NUMERIC CODE
ENGLISH 9	MEN--09	10101

PROGRAMMING TIMELINES

January 20th: Parent Programming Meeting – For Current Grade 8 – 11 students (7:00pm)

January 25th: Student In-Class Visits Begin – Current grade 8 to 11

February 10th: Windsor Orientation for current Grade 7 students (in morning)

February 10th: Parent Programming Tour (6:30pm) and Presentation (7pm) – For Current Grade 7 students

February 26th: Course Selection Sheets due in to Grade 7 teachers – Current Grade 7's

February 26th: Course Selection Sheets due in to Student Services – Current Grades 8 to 11

PROGRAM REQUIREMENTS OVERVIEW

GRADE 8 AND 9

Grade 8	Grade 9	Grade 8 French Immersion	Grade 9 French Immersion
Required Courses	Required Courses	Required Courses	Required Courses
<ul style="list-style-type: none"> English 8 French 8 Math 8 Science 8 Social Studies 8 A PE 8 Health and Career Education 8 (Embedded) 	<ul style="list-style-type: none"> English 9 Math 9 Science 9 Social Studies 9 A PE 9 Health and Career Education 9 (Embedded) 	<ul style="list-style-type: none"> English 8 Français Langue Seconde-Immersion 8 Math 8 Sciences 8 Sciences Humaines 8 A PE 8 Health and Career Education 8 (Embedded) 	<ul style="list-style-type: none"> English 9 Français Langue Seconde-Immersion 9 Math 9 Sciences 9 Sciences Humaines 9 A PE 9 Health and Career Education 9 (Embedded)
Elective Courses	Elective Courses	Elective Courses	Elective Courses
<ul style="list-style-type: none"> Elective 1 Elective 2 	<ul style="list-style-type: none"> Elective 1 (language) Elective 2 Elective 3 	<ul style="list-style-type: none"> Elective 1 Elective 2 	<ul style="list-style-type: none"> Elective 1 Elective 2

NOTES:

- Students take a minimum of eight courses in their Grade 8 and Grade 9 years.
- Students in Grade 9 (English stream) should consider a Second Language as one of their elective Choices if they plan to pursue university straight out of secondary school.

ELECTIVE COURSES FOR GRADE 8

- Applied Skills 8 (Food Studies / Textiles-Combined)
- Creative Arts 8 (Visual Arts / Info Tech - Combined)
- Technology 8 (Drafting, Woodwork, Metalwork & Electronics – Combined)
- Drama 8
- Music 8: Concert Band
- Music 8: Jazz Band (By invitation in September)
- Music 8: Choir
- Music 8: Orchestral Strings

ELECTIVE COURSES FOR GRADE 9

- French 9 OR Spanish 9
- Drama 10 General
- Music 9: Concert Choir
- Music 9: Concert Band
- Music 9: Jazz Band
- Music 9: Orchestral Strings
- Visual Arts 10: General
- Foods and Nutrition 10
- Textiles 10
- Information Technology 10
- Drafting 10
- Electronics 10
- Metalwork 10
- Woodwork 10

GRADE 10, 11 AND 12

Grade 10	Grade 11	Grade 12
Required Courses	Required Courses	Required Courses
<ul style="list-style-type: none"> English 10 Planning 10 A Math 10 Social Studies 10 Science 10 A PE 10 	<ul style="list-style-type: none"> English 11 A Math 11 A Science 11 Social Studies 11 or BC First Nations 12 	<ul style="list-style-type: none"> English 12 Graduation Transitions 12
Elective Courses	Elective Courses	Elective Courses
<ul style="list-style-type: none"> Elective 1* Elective 2 	<ul style="list-style-type: none"> Elective 1* Elective 2 Elective 3 Elective 4 	<ul style="list-style-type: none"> Elective 1* Elective 4 Elective 2 Elective 5 Elective 3 Elective 6

* A second language should be considered as an elective choice for students planning to attend post-secondary institutions. A language 11 is the requirement for some post-secondary programs.

NOTE: To receive a Dogwood Diploma

Students must complete a minimum of four credits of Fine Arts or Applied Skills in order to graduate. These courses may be numbered “10”, “11”, or “12”.

Students will be supported in meeting the required Ministry graduation standards in their Planning 12 class in their Grade 12 year. These standards include:

- A graduation transition plan that will help students set goals for post-secondary education or career pursuits
- 150 minutes per week of physical activity
- 30 hours of work experience or community service

Grade 10 French Immersion	Grade 11 French Immersion	Grade 12 French Immersion
Required Courses	Required Courses	Required Courses
<ul style="list-style-type: none"> English 10 Français Langue Seconde-Immersion 10 Planification 10 A Math 10 Sciences 10 Sciences Humaines 10 A PE 10 	<ul style="list-style-type: none"> English 11 Français Langue Seconde-Immersion 11 A Math 11 A Science 11 Science Humaines 11 	<ul style="list-style-type: none"> English 12 Graduation Transitions 12 Français Langue Seconde-Immersion 12
Elective Courses	Elective Courses	Elective Courses
<ul style="list-style-type: none"> Elective 1 	<ul style="list-style-type: none"> Elective 1 Elective 2 Elective 3 	<ul style="list-style-type: none"> Elective 1 Elective 4 Elective 2 Elective 5 Elective 3

NOTE: To receive a French Immersion Dogwood Diploma

To graduate with a French Immersion Dogwood Diploma, a student enrolled in a French Immersion Program must:

- Successfully complete the following in addition to the requirements set out above:
 - Français Langue Seconde-Immersion 10
 - Français Langue Seconde-Immersion 11
 - Français Langue Seconde-Immersion 12
- Earn at least 12 credits in Grade 10, 11, or 12 courses that are in French with at least 4 of those credits earned in courses at the Grade 11 or 12 level.

Research indicates that students fully engaged in courses and school activities are more successful in the classroom. As such, all students in Grades 10, 11 and 12 are strongly encouraged to take a full complement of courses. A supervised study block is available to senior students who apply through counselling and administration.

ELECTIVE COURSES FOR GRADES 10, 11, 12 OFFERED AT WINDSOR

<p>ENGLISH</p> <ul style="list-style-type: none"> Literature 12 <p>MATHEMATICS</p> <ul style="list-style-type: none"> Apprenticeship & Workplace Math 12 Calculus 12 Foundations 12 Pre-Calculus 12 <p>MODERN LANGUAGES</p> <ul style="list-style-type: none"> French 10, 11, 12 Intro Spanish 11 Spanish 10, 11, 12 <p>SCIENCE</p> <ul style="list-style-type: none"> Biology 11, 12 Chemistry 11, 12 Earth Science 11 Physics 11, 12 <p>SOCIAL STUDIES</p> <ul style="list-style-type: none"> Comparative Civilization 12 Geography 12 History 12 Law 12 Social Justice 12 	<p>ICT/BUSINESS</p> <ul style="list-style-type: none"> Information Technology 9/10 Accounting 11, 12 Economics 12 Financial Accounting 12 Digital Media Development 11, 12 Yearbook 10,11, 12 BA Media Studies 11 Infotech Survey 11, 12 <p>PHYSICAL EDUCATION</p> <ul style="list-style-type: none"> Hockey Skills Academy 10,11,12 Soccer Skills Academy 10,11,12 Physical Education 10, 11, 12 Kinesiology 11 Leadership 11 PE (Fitness and Conditioning) 10,11,12 <p>TECHNOLOGY EDUCATION</p> <ul style="list-style-type: none"> Auto Tech 11 Auto Tech 12 (Engine or Electronics) Drafting 10, 11 Drafting 12 (Architecture or Engineering) Electronics 10, 11 Electronics 12 (General, Digital Systems or Robotics) Metalwork 10 Metalwork 11, 12 Woodwork 10, 11, 12 Woodwork 12 Furniture <p>SECONDARY SCHOOL APPRENTICESHIP</p> <ul style="list-style-type: none"> Secondary School Apprenticeship 11, 12 Work Experience 12 	<p>ART</p> <ul style="list-style-type: none"> Art Foundations 10, 11, 12 Photography 11, 12 Graphic Design & Printmaking 11, 12 <p>DANCE</p> <ul style="list-style-type: none"> Dance 11, 12 <p>DRAMA</p> <ul style="list-style-type: none"> Drama 10 Directing 12 Film & TV 11, 12 Performance 10,11,12 Production 10,11,12 <p>MUSIC</p> <ul style="list-style-type: none"> Concert Band 10, 11, 12 Jazz Band 10, 11, 12 Orchestral Strings 10, 11, 12 Concert Choir 10, 11, 12 Chamber Choir 10, 11, 12 Vocal Jazz 10,11, 12 <p>WORK EXPERIENCE</p> <ul style="list-style-type: none"> Work Experience 12 <p>HOME ECONOMICS</p> <ul style="list-style-type: none"> Foods and Nutrition 10, 11, 12 Textiles 10, 11, 12
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GRADUATION PROGRAM REQUIREMENTS

Students must earn a minimum of 80 credits: required credits (48), elective credits (28), and Graduation Transitions (4). Listed below are the requirements for graduation. Note: Students going on to post-secondary need to fulfill the “exit” requirements for graduation plus the “entrance” requirements for their specific post-secondary program.

REQUIRED CREDITS (48)	
English 10 *	4 credits
English 11	4 credits
English 12*	4 credits
Social Studies 10	4 credits
Social Studies 11* or Canadian Civics 11*	4 credits
Science 10 *	4 credits
A Science 11 or 12	4 credits
A Mathematics 10: Apprenticeship & Workplace Mathematics* or Foundations of Mathematics & Pre-Calculus*	4 credits
A Mathematics 11 or 12	4 credits
Physical Education 10	4 credits
A Fine Art or Applied Skill 10, 11 or 12	4 credits
Planning 10	4 credits
*Denotes this course is provincially examinable	
ELECTIVE CREDITS (28) (grades 10-12)	
Students must earn at least 28 credits for grade 10-12	28 credits
GRADUATION TRANSITIONS (4)	
<ul style="list-style-type: none"> • PERSONAL HEALTH (150 minutes per week of physical activity + written component) • COMMUNITY CONNECTIONS (30 hours work &/or community service + written component) • CAREER AND LIFE (Transition Plan) 	4 credits
OVERALL TOTAL (80)	
Of the 80 credits for graduation, at least 16 credits must be at the grade 12 level including English 12. Others may be either required or elective courses.	80 credits

BEYOND 80 CREDITS

Eighty credits represent the minimum necessary for graduation. We encourage students to take full advantage of the opportunity to take a variety of courses to complete up to 96 credits (a full course load for grades 10 – 12).

GENERAL INFORMATION

GRADE 10 & 11 PROVINCIAL EXAMS

Provincial exams are mandatory in the following subjects:

- English 10
- a Mathematics 10
- Science 10
- Social Studies 11

GRADE 10 & 11 PROVINCIAL EXAMS (FRENCH IMMERSION PROGRAM)

Provincial exams are mandatory in the following subjects:

- English 10
- a Mathematics 10 (written in English)
- Sciences 10 (written in French)
- Sciences humaines 11 (written in French)

The classroom mark issued by the school on the June report card is worth 80% of the final mark, and the mark the student earns on the provincial exam is worth 20%. The two marks are blended together to produce a final Ministry of Education mark. Students can check their accounts online at the end of July to view their final blended mark for their grade 10 and 11 examinable courses.

GRADE 12 PROVINCIAL EXAMS

- English 12
- Français langue seconde-immersion 12 (French Immersion program)

English 12 is the only Grade 12 provincially examinable course required for graduation (French Immersion students will additionally have a Français langue seconde-immersion 12 exam). The classroom mark issued by the school on the June report card is worth 60% of the final mark and the mark the student earns on the provincial exam is worth 40%. The two marks are then blended together to produce a final Ministry of Education mark which will appear on the student's Transcript of Marks mailed out at the end of July. Students can also view results online.

STUDY BLOCK

Students may apply for a study block if you meet ALL of the following criteria:

- You are a grade 11 or grade 12 student
- You have a challenging course load
- You have a good attendance history (grades 8-12)
- You have a good record of citizenship

If a study block is granted, students are expected to be in the common areas of the school working on course work. The study block is not worth any course credit. By dropping a course you will lose 4 credits towards graduation and your decision may impact your post-secondary choices. It is your responsibility to determine how a study block will affect your graduation status and post-secondary choices.

For further information on the study block application process, please see your grade counsellor.

COURSE DESCRIPTIONS

APPLIED SKILLS

Supplemental Fees in the Applied Skills Department support take home projects and enhancement materials.

HOME ECONOMICS AND TEXTILES

APPLIED SKILLS 08 (FOOD STUDIES / TEXTILES - COMBINED)	XAT--08ASK	95001
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The Home Economics section of Applied Skills 8 is an introduction to foods and nutrition, and textiles. Students will learn the basics of nutrition, meal planning, food preparation, and sewing. There is a focus on the development of practical skills such as cooking (e.g. smoothies; spaghetti) and sewing (e.g. chef apron, sleeper shorts, or board shorts).

The Information Technology component of Applied Skills 8 is designed to provide students with the fundamental knowledge, skills and attitudes to use information technology tools in all areas of their learning.

Students will:

- improve their keyboarding skills
- become Digital Citizens, using the Internet appropriately (effective internet research skills and internet safety)
- communicate ideas and information using a variety of media
- carry out fundamental digital photography enhancements
- discover the basics of computer animation

Supplemental Fee: \$10.00

FOODS AND NUTRITION 10	MFDN-10	45201
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Foods 10 welcomes both grade 9 and 10 students to explore the area of foods and nutrition. Build on your basic nutrition concepts and food preparation skills learned in grade 8 and/or your own experience. Put into practice the use of equipment and cooking techniques! Learn to cook simple and nutritious meals and snacks, and increase your awareness of nutritional issues. Healthy eating and meal planning for the family, as well as the teenager, will be studied. Finally, celebrate the world we live in by completing a Cultural Foods Project

Supplemental Fee: \$35.00

TEXTILES 10	MTXT-10	45209
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This is an introductory course for basic textile knowledge and construction techniques. No previous sewing experience is necessary. Students will use both a conventional sewing machine and a serger. They will learn to apply knowledge about fashion, textiles, and sewing techniques to create the latest trends in clothing. Commonly sewn projects are chosen by students and will focus on learning basic techniques. All supplies and materials are to be chosen and purchased by the student.

Supplemental Fee: \$20.00

FOODS AND NUTRITION 11	MFDN-11	45307
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This course builds on advanced food preparation techniques and theory developed in previous courses and/or experience. It focuses on planning and preparing nutritious food for individuals, groups, and families. Students will develop various skills from planning menus to presenting attractive meals, and increasing their knowledge of the nutritional, social, and economic factors that affect food selection and preparation. Great emphasis is placed on international cuisine while preparing a wide variety of nutritious, economical, and appetizing dishes.

Supplemental Fee: \$40.00

TEXTILES 11	MTXT-11	45310
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Students build on their knowledge about fashion, textiles and sewing techniques to create the latest trends in clothing. Most projects are chosen by students based on their skill level and will focus on advanced sewing techniques, patterns and specialty fabrics. Students must complete a minimum of 3 projects and all supplies, fabric, patterns and notions are to be purchased by the student.

Supplemental Fee: \$20.00

FOOD AND NUTRITION 12	MFDN-12	45421
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Food Studies 12 is a technical extension of Food Studies 11. Students will maintain a foods portfolio and focus on several independent study units. Learning how to budget food purchases and manage time and energy are fundamental to this course. Advanced techniques will be taught in food preparation and safety. Students will also personally adapt and create recipes of their own to intensify their experience in the culinary arts. This course is the perfect method to explore opportunities and preparation requirements for careers in nutrition and food industries!

Supplemental Fee: \$40.00

TEXTILES 12	MTXT-12	45426
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This course further develops the knowledge and techniques learned in Textiles 11. Students will learn advanced sewing techniques and work with challenging fabrics. They will apply principals and elements of design, perform pattern adaptations, and construct sewing projects such as tailored pants, lined jackets, and grad dresses. Students must complete a minimum of 3 projects and all supplies, fabric, patterns and notions are to be purchased by the student.

Supplemental Fee: \$20.00

TECHNOLOGY EDUCATION

Technology Education aims to develop technological knowledge and skill in the following areas of technology:

- Communication (graphics, drafting, CAD - Computer Assisted Drafting)
- Control (broad principles of switching, sensing, and regulating)
- Energy and Power (electronics, robotics, alternate energy)
- Production (construction and manufacturing in metal, wood, plastics)
- Self and Society (understanding technology and society)
- Transportation systems (automotive, power technology)

Technology education has broader aims than traditional skill training. It aims to provide students with an understanding of how technology influences society and how societal values influence the course of technology. Technology education prepares the student:

- to be a responsible citizen in a technological society
- to meet career challenges required in today's changing workplace

Technological activity involves the creative, inventive, and innovative use of knowledge, skills, tools and materials to modify the physical world, improve the quality of life, and extend human potential. Courses in the technology education department are recommended for those planning to enter post-secondary training in technology.

EVALUATION

All technology education courses are evaluated on the basis of:

1. Practical work - projects, labs, exercises
2. Theoretical work - quizzes, tests, term exams
3. Shop mark - work habits, safety, notebook

Supplemental Fees:

In courses involving personal projects (Wood, Construction, Electronics, and Technology):

- the student is responsible for the cost of all supplementary project materials they will take home
- costs vary depending on the project and the course
- approximate minimum materials costs are: grades 9, 10: \$45 and higher, grades 11, 12
- students who have difficulty financing their projects may ask their instructor for "sponsored" work

INDEPENDENT DIRECTED STUDIES IN TECHNOLOGY EDUCATION 11 & 12

Students are expected to design and make one or two major projects and manage all aspects of the project including cost.

Available in: • AUTOMOTIVE • DRAFTING • ELECTRONICS • WOODWORK • TEXTILES

If you have a particular interest in a subject that you wish to focus on then an Independent Directed Studies might be right for you! This course permits you, in conjunction with a supervising teacher, to shape your own course, learning outcomes, and evaluation criteria. You must find a teacher willing to supervise your proposed studies AND you must have demonstrated in a previous course the ability to work independently. With permission of the teacher you may work toward up to 4 credits (120 hours) at the grade 11 or 12 level (IDS credits qualify for graduation). You will choose one or more of the learning outcomes of a grade 10, 11, or 12 TECHNOLOGY EDUCATION course to expand upon, or study more broadly a wide variety of learning outcomes. Learning will extend beyond what is normally taught in the classroom.

Supplemental Fee: \$10.00

TECHNOLOGY 8 (DRAFTING, WOODWORK, METALWORK & ELECTRONICS – COMBINED)	MTE--08	45005
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Technology 8 is open to both boys and girls and is an exciting course that introduces a range of traditional and “high-tech” technologies to students. The focus of the course involves the following technologies:

- Manual & Computer Drafting
- Electronics
- Plastics
- Social impacts of Technology
- Woodwork
- Robotics

Take home projects may include:

- an introductory wood project
- more advanced wood project
- sumo wrestling robot
- designer CFL table lamp
- room alarm, safety flasher, or LED picture frame

All projects involve:

- safety procedures and awareness
- types and properties of materials/parts
- tool and machine procedures: measuring devices, handsaw, band saw, drill press, dremel drill, soldering iron, signal generator, oscilloscope, files, strip heater, industrial glue guns, aviation snips, etc.
- project quality control and testing

Technology Education 8 is the ONLY high school course that introduces ALL of the above technologies. Courses in grades 9 to 12 focus on a single technology. Many former Windsor graduates credit this course as one that stimulated their interest in starting their career in a technology-related field.

Supplemental Fee: \$30.00

TECHNOLOGY EDUC 10: DRAFTING AND DESIGN	MTED-10	45011
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This course teaches basic drafting and design skills using manual drafting tools and CADD (Computer Assisted Design and Drafting). Our CADD software is a very powerful tool for expression. Students learn drafting standards and object representation techniques including orthographic and pictorial drawings. Creative 3D prototypes are constructed using modeling materials.

Supplemental Fee: \$10.00

ELECTRONICS & ROBOTICS 10	MTEE-10	45205
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Students learn how electronics systems work and how to produce and test working circuits. Content includes general shop and electrical safety, use of basic test equipment, technical communication (drafting), soldering, breadboarding, perf board construction, and testing of circuits. Students learn about electronic systems theory, circuit theory and electronic parts theory through hands-on-activities. Students are challenged to design and make projects such as an i-Pod amplifier and music controlled light display. For both boys and girls this is an engaging course that provides insights into careers in engineering, electronics, computer technologies, and electrical / electronic trades.

Supplemental Fee: \$40.00

TECHNOLOGY EDUCATION 10 METALWORK	MTEM-10	45207
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This course introduces the industrial and artistic applications of metal work. Students learn basic technique through the creation of a hammer, screwdriver, and a copper bowl. They then apply these new skills to a project of choice such as personal tools, jewelry, sculptures or mini-machines. Our focus will be on the safe and correct use of all machines including the lathe, drill press, milling machine, buffer, grinder and casting tools. These skills are also applicable to other technology courses such as Automotive, Woodwork, Electronics and Drafting.

Supplemental Fee: \$25.00

WOODWORK 10	MTEW-10	45208
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The focus of Woodwork 9 and 10 is the design and construction of a number of increasingly complex take-home wood projects. This course introduces students to the safe and correct use of machine tools including the band saw, table saw, jointer, thickness planer, disc sander, and mortise. Students are introduced to the concept of product design and learn how to refine and rethink their ideas. The two major projects are small clocks (students choose their own design) and a small table (Students choose glass, mosaic, wood, with drawer or not). Optional projects include pens/pencils, bowls, skateboards, longboards, chess boards, miniature ornaments/cars/trains, yo-yo's, reindeer, clocks, piggy banks, cutting boards, paper towel holders, picture frames and much more.

Supplemental Fee: \$ 45.00

AUTOMOTIVE TECHNOLOGY 11	MAT--11	45301
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This is an excellent course that introduces students to four areas of automotive technology: the automobile and society, safety, drive train, electrical systems, body and chassis. Students study the impact of the automobile on the environment and future possibilities to replace the internal combustion engine. Safety is stressed including WCB regulations and safe shop practices. Students are taught how to use tools and test equipment safely and correctly in order to service and maintain the drive train from the engine to the wheels. Ignition, charging, starting and lighting, and accessory systems are studied. A basic metalwork unit includes the use of hand tools, drill press, acetylene & MIG welding.

Supplemental Fee: \$10.00

WOODWORK 11: CARPENTRY & JOINERY	MCJ--11	45303
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Open to all students with or without prior woodworking experience. This course reviews basic hand and machine tools safety, correct procedures, and material selection. Woodwork 11 challenges students to engage in the process of product design. Students will then construct a construction path to guide and manage the process of construction. Students will be expected to design and construct one small project (a jewelry box) and then numerous other small projects of their choosing (like pens/pencils, bowls, skateboards, longboards, chess boards, miniature ornaments/cars/trains, yo-yo's, reindeer, clocks, crib boards, piggy banks, cutting boards, paper towel holders, picture frames and much more) or a large scale project (such as a dining room table, grandfather clock, desk, display case) or another idea of your choosing. Students can bring their own designs and ideas.

Supplemental Fee: \$45.00

DRAFTING & DESIGN 11	MDDF-11	45305
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This course introduces students to several areas of drafting technology: personal management of technical work, drafting fundamentals, computer drafting (CADD), design process, social and ethical issues in design. This is an excellent course for introducing students to the world of technical and engineering design and technical drawing. Students produce manual and computer working drawings to drafting standards. Students learn to design material for today's society such as clothes and or sustainable objects. Mechanical and architectural drafting and design are introduced.

Supplemental Fee: \$10.00

ELECTRONICS 11	MEL--11	45306
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Students with no prior experience may take this course. Basic concepts and skills such as soldering and electrical measurement are reviewed. Students learn how to use more advanced test equipment including oscilloscopes, signal generators and power supplies. Students breadboard circuits involving integrated circuits, prototype them on perf board, and may transform their skills into circuits such as amplifiers, light displays, as oscillators This is an excellent course for students anticipating careers in electronic related trades, technology or engineering.

Supplemental Fee: \$40.00

METAL FABRICATION AND MACHINING 11	MMFM-11	45309
METAL FABRICATION AND MACHINING 12	MMFM-12	45423

This course involves the expansion and refinement of skills learned at the 9/10 level. Students that have not taken Technology Education 9/10 Metalwork are welcome, as the course is tailored to individual experience. Both safety and basic technique are covered to ensure all students are confident working in the shop. The focus will be on more complex projects with greater detail and accurate measurement. Students learn how to plan and manage the creation of quality, personal-choice projects such as personal tools, jewelry, sculptures or mini-machines.

Supplemental Fee: \$30.00

AUTOMOTIVE TECHNOLOGY 12: ENGINE/ DRIVE	MATD-12	45403
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This grade 12 course specializes in major engine and drive repair theory and procedures. Topics include safety, valve grinding, steering system repair, brake and clutch repairs. Theory is related to practical jobs taking place in the shop.

Supplemental Fee: \$10.00

AUTO TECH 12: ELECTRICITY & ELECTRONICS	MATE-12	45404
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This grade 12 course specializes in electrical, tune-up, carburetion, and fuel injection theory and maintenance procedures. Topics include safety, ignition service, starting and charging systems, and carburetion. Theory is related to practical jobs taking place in the shop.

Supplemental Fee: \$10.00

CARPENTRY & JOINERY 12	MCJ--12	45409
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Students are expected to design and make one or two major projects and manage all aspects of the project including cost analysis, materials selection, production planning, timelines and technical drawings. Projects include cabinets, bookshelves, hope chest, grandfather clock, chairs and drawer construction. Students have the opportunity to make large-scale professional quality cabinetry and furniture in this course. Numerous other small projects of their choosing (like pens/pencils, bowls, skateboards, longboards, chess boards, crib boards, miniature ornaments/cars/trains, yo-yo's, reindeer, clocks, piggy banks, cutting boards, paper towel holders, picture frames and much more) are also available. Students can bring their own designs and ideas.

Supplemental Fee: \$45.00

CARPENTRY & JOINERY 12: FURNITURE CONSTRUCTION	MCJF-12	45410
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This is course suited to students who have taken all the existing woodwork course and wish to continue honing their skills and building new and innovative furniture projects. Students will be working on individualized projects and will allow an experienced woodworker an opportunity to further develop their skills.

Supplemental Fee: \$45.00

DRAFTING/DESIGN 12: ARCHITECTURE/HABITAT	MDDH-12	45416
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This is an excellent course for students interested in architectural and house building design. Design of structures are studied from both an artistic and technical (building code) perspective. Students design on CADD (Computer Assisted Design and Drafting) and using manual drafting techniques. Students use site and floor plans of a residential or commercial building and construct a detailed scale model of the house/building. From the proposed scale model students design and draw a complete set of technical drawings and blueprints.

Supplemental Fee: \$10.00

DRAFTING 12: ENGINEERING	MDDE-12	45414
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An excellent course suitable for students interested in various types of engineering and mechanical design and drafting. Using CADD (Computer Assisted Design and Drafting) students produce advanced working drawings required to construct gears, cams, fasteners, and complex machine parts. Students can specialize, for example, in applying drafting symbols and conventions for welding fabrication or electrical and piping drawings. CADD 3D simulation techniques and real models are produced.

Supplemental Fee: \$10.00

ELECTRONICS 12	MEL--12	45418
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Students with no prior experience in electronics may take this course. Electronics 12 challenges students to study and construct more advanced audio circuits. Students learn about low, mid, and high pass audio filters and make and test them. Projects can include specialty amplifiers, surround sound, retro tube amplification, and graphic equalizers. Students may also be interested in designing and making sophisticated sound to light converters that respond to specific frequencies. This is an excellent course for students anticipating careers in general trades, technology or engineering.

Supplemental Fee: \$40.00

ELECTRONICS 12: DIGITAL SYSTEMS	MELDS12	45419
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Students with no prior experience in electronics may take this course. This course focuses on the electronics of digital information and computer systems. Students construct digital circuits involving the building blocks of information and computers. AND, NAND, OR, and NOR gates, binary counters, binary to decimal converters, and microcontrollers/microprocessors. Students may then choose to design a finished project on a perf board. Projects may include digital dice and microprocessor controlled robotic devices. This is an excellent course for students anticipating careers in general trades, technology or engineering.

Supplemental Fee: \$40.00

ELECTRONICS 12: ROBOTICS	MELR-12	45420
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Students with no prior experience may take this course. Students are challenged to design, manufacture, and test a range of robotic devices or game devices of their choice. Students are further challenged to integrate computer skills, range of robotic devices or game devices of their choice. Students are further challenged to integrate computer skills, electronics, and perf board design and construction techniques with mechanical devices to achieve a sensory rich robotic device. Project possibilities include hydrogen powered systems, Wi-Fi web controlled remote robots, and Wii remote after-market circuits. This course provides an excellent individual and team experience for students. This is an excellent course for students anticipating careers in general trades, technology or engineering.

Supplemental Fee: \$40.00

BUSINESS EDUCATION

BA MEDIA/JOURNALISM 10 (YEARBOOK 10)	YCCT-0A	40205
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BA MEDIA/JOURNALISM 11 (YEARBOOK 11)	YCCT-1D	40313
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Yearbook is a hands-on course that teaches students real life experience in the creation of a memory book from concept, theme and layout to final production. Students who are interested in photography, layout design and who have strong organization skills and discipline will find this course fun, challenging and rewarding.

ACCOUNTING 11	MAC--11	40301
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FINANCIAL ACCOUNTING 12	MFA--12	40406
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Accounting is called the "language of business." Students who have aspirations of working in the business world or being entrepreneurs require accounting skills. Similarly, students who intend to major in Commerce or Business Administration will find this course extremely valuable to their post-secondary studies. Subject matter includes analyzing transactions; working through the complete accounting cycle; preparing trial balances, worksheets, and financial statements. In addition, students will be taught effective use of spreadsheets and Simply Accounting software. Students will also participate in fun, interactive projects including the Junior Achievement Business Game and an in-class stock market game.

ACCOUNTING 12	MACC-12	40401
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Accounting 12 is a continuation of Accounting 11. It is intended for students who wish to develop a more in depth accounting and economics background. This course forms a foundation on which an accountancy or commerce degree may be built. Highlights of this course include: cash control and banking; filing personal income tax returns; corporations; and financial statements analysis. Projects include participating in the Junior Achievement Business Game and using Simply Accounting software.

ECONOMICS 12	MEC--12	40403
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This is a valuable course for those students going on to business programs at the post-secondary level or those interested in the world of business. The purpose of this course is to help students obtain a good understanding of basic economic principles so that they can better appreciate the major economic issues that exist in Canada and around the world. Highlights of this fun and engaging course include a Stock Market Challenge, Market Simulation activities, various group projects and political debates.

BA YEARBOOK 12	YCCT-2E	75410
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This course is a continuation of Yearbook 11. Students will continue to develop more advanced skills in a memory book. Students will take on the major responsibilities of editing and producing Windsor's Yearbook. Tasks involved are interviewing, transcribing, writing, word processing, photography, layout and advertising sales.

ENGLISH

ENGLISH 8	MEN--08	10001
ENGLISH 9	MEN--09	10101
ENGLISH 10	MEN--10	10201
ENGLISH 11	MEN--11	10304
ENGLISH 12	MEN--12	10406

The general goal of English is the enjoyment of literature through investigation and exploration; therefore, the courses offer various short stories, poems, novels, plays and essays to appeal to a variety of interests and abilities. The specific aims of English include the development of listening, speaking, reading and writing skills, as well as an understanding of the structure of the English language. English 10 & English 12 are provincially examinable courses. The provincial exams are mandatory.

LITERATURE 12	MLIT-12	10412
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Love English? Intrigued by ground-breaking thinkers? This course offers a sampling of English literature throughout the ages from the Anglo-Saxon Beowulf to Chaucer, Donne, Byron, Keats, Tennyson and on through to twentieth century Atwood. Literature 12 hones your comprehension, discussion, critical thinking, and writing skills. It is especially useful for students who plan on taking English or Humanities courses at the university or college level.

COMMUNICATIONS 11	MCOM-11	10301
COMMUNICATIONS 12	MCOM-12	10401

Communications is for students who are challenged with the English curriculum and need a course in essential English skills to achieve the graduation requirements. For these students, Communications may be taken in place of English 11. As it is restrictive for post-secondary plans, students may enroll in Communications 11 in consultation with grade counsellor, parents, and the English 10 teachers. A student who successfully completes Communications 11 may then take Communications 12.

INFORMATION TECHNOLOGY

Supplemental Fees in the Information & Communication Technology Department support take home projects and enhancement materials.

APPLIED SKILLS 08 (FOOD STUDIES / TEXTILES - COMBINED)	XAT—08ASK	95001
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Applied Skills 8 introduces students to the areas of food preparation, nutrition, consumerism, clothing and textiles. Students will gain new practical skills and learn how to prepare snacks and meals (ex. muffins, biscuits, smoothies, pizza, pasta and more). Further, they will also gain basic sewing skills and construct several clothing projects (ex. drawstring gym bag, PJ shorts and more).

Supplemental Fee: \$10.00

INFORMATION TECHNOLOGY 9/10	MINT-10	75201
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Information Technology 9/10 is designed to provide students with the fundamental knowledge, skills and attitudes to use information technology tools in all areas of their learning.

Students will:

- learn intermediate Microsoft Office and electronic presentation skills
- recognize the skills required to be a “Digital Citizen”
- explore 2D and 3D digital image creation, animation and web page development in programs such as Photoshop, Illustrator, Flash and online programs

ICT: DIGITAL MEDIA DEVELOPMENT 11	MICTM11	40306
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Digital Media Development 11 is a computer-based course that allows students to learn the skills involved in the preparation and presentation of high quality graphics, layout, animation and video.

Some of these skills include:

- 2D graphic design using Photoshop
- Page layout and design using InDesign
- Introductory 3D design and animation
- Layered and scripted animation using Flash
- Desktop Digital Video
- Web publishing

All projects are hands-on and require students to incorporate appropriate tools, knowledge of technology and teamwork in order to complete projects successfully.

INFOTECH SURVEY 11	MICTX11	75305
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Information Technology 11 is designed to provide students with the fundamental knowledge, skills and attitudes to use information technology tools in all areas of their learning. The course will focus on the students as a user of software (i.e. Microsoft Office) and a developer (i.e. programming). The main units are:

- Applied Digital Communications – advanced Microsoft Office skills, Digital Citizenship
- Digital Media Development – intermediate 2D animation, electronic presentations
- Computer Information Systems – file management, computer and network components, history of operating systems
- Computer Programming – intermediate skills in web page development

MEDIA STUDIES 11	YSSC-1A	40314
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The primary focus of this course is for students to engage in conversations about all the forms of new media and technology around them. The course will explore the origins of various new technologies, best practices in utilizing the tools and community resources, and various social issues surrounding the integration of social media into community culture. At the end of this course it is expected that students will have a greater understanding of technology in society, and how best to adapt and excel in using technology in all environments. Students will also have developed the skills in working in an online environment, allowing for future success in on-line instruction.

- Explore new media trends and emerging technologies and their relevance in society
- Discover how new technologies allow us to live, work and play in the 21st century
- Realizing the full potential of mobile technology and their new and relevant applications

Topics covered will include exposure to new hardware, cloud computing, the 'internet of things', PC, mobile and platform gaming, social media and curating a personal online profile.

Note: This course is intended to be a blended course which meets outside the timetable and on-line.

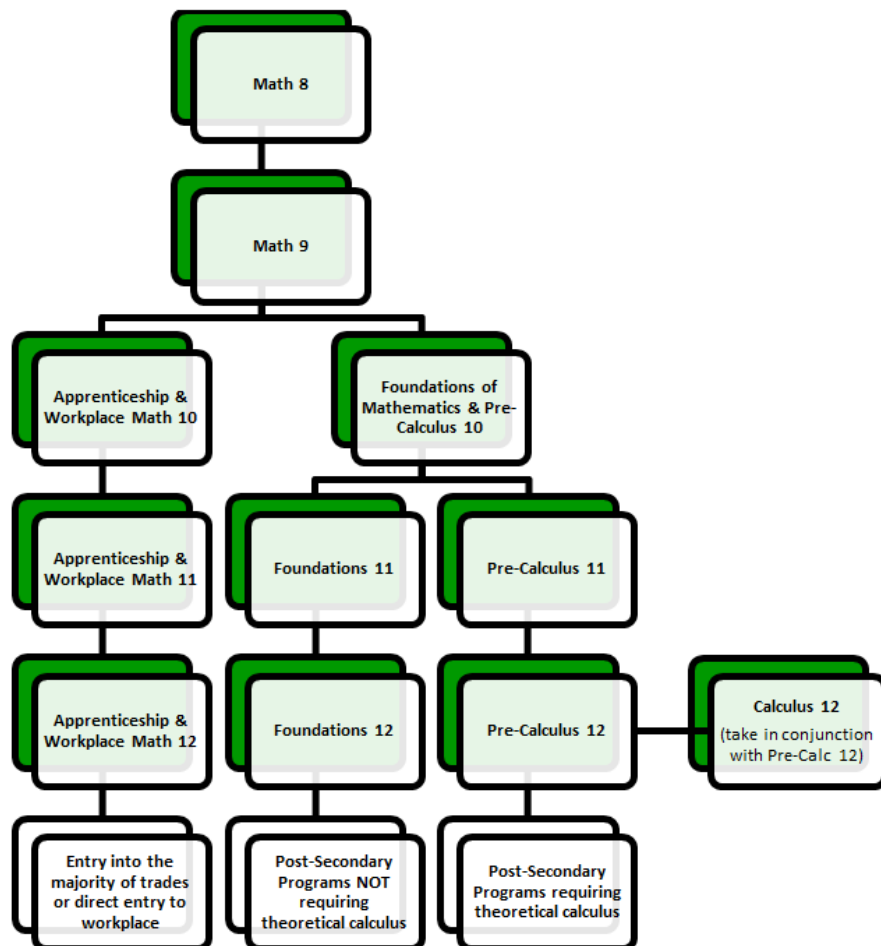
ICT: DIGITAL MEDIA DEVELOPMENT 12	MICTM12	40411
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This course is a continuation of Digital Media Development 11. With experience in a variety of Adobe and online programs, students will have the opportunity to further explore digital media and develop their own ideas, designs and projects. Students will focus on building their own portfolio to support post-secondary applications and future career prospects. Students will also investigate digital media as a profession and how it is heavily integrated in the current job market.

INFOTECH SURVEY 12	MICTX12	75406
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This course is a continuation of Information Technology 11. In this course, students will have the creative freedom guide their own learning in programming, digital media, communications and web design, through independently developed projects. Students will also investigate future career opportunities in information technology.

MATHEMATICS



The Ministry of Education introduced a new math curriculum beginning in September 2010.

The math curriculum includes 3 available pathways for students. The three pathways available are: Apprenticeship and Workplace Mathematics, Foundations of Mathematics, and Pre-Calculus. At the grade 10 level, a common Foundations of Mathematics and Pre-Calculus course is the starting point for both the Foundations of Mathematics and Pre-Calculus pathways. When choosing a pathway, students should consider their interests, both current and future. Students and parents are encouraged to research the admission requirements for post-secondary programs of study as they vary by institution and by year.

PRINCIPLES OF MATHEMATICS 8	MMA--08	20001
PRINCIPLES OF MATHEMATICS 9	MMA--09	20101

The mathematics 8 and 9 courses at Windsor are meant to reinforce the main goals of mathematics education:

- Using mathematics confidently to solve problems
- Using mathematics to better understand the world around us
- Communicating and reasoning mathematically
- Appreciating and valuing mathematics
- Making connections between mathematics and its applications
- Becoming mathematically literate and using mathematics to participate in, and contribute to, society
- A scientific calculator is a requirement of this course

APPRENTICESHIP AND WORKPLACE MATHEMATICS 10	MAWM-10	20201
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This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into the majority of trades and for direct entry into the work force. The topics in Apprenticeship and Workplace Math 10 include: problem solving, number, algebra, geometry, and measurement. Assessment for this course will include assignments, quizzes, tests and projects. This is a provincially examinable course. The provincial exam is mandatory.

FOUNDATION OF MATHEMATICS AND PRE-CALCULUS 10	MFMP-10	20204
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This pathway is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies. This course leads to either Foundations of Mathematics 11 or Pre-Calculus 11. The topics Foundation of Mathematics and Pre-Calculus 10 include: problem solving, number, algebra, relations, functions, and measurement. Assessment for this course will include assignments, quizzes, tests and projects. A Scientific Calculator is a requirement of this course. This is a provincially examinable course. The provincial exam is mandatory.

APPRENTICESHIP AND WORKPLACE MATHEMATICS 11	MAWM-11	20301
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This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for entry into the majority of trades and for direct entry into the work force. Topics include algebra, geometry, measurement, number, statistics and probability

FOUNDATIONS OF MATHEMATICS 11	MFOM-11	20304
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This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies in programs that do not require the study of theoretical calculus (e.g.: sciences) Topics include financial mathematics, geometry, measurement, logical reasoning, relations and functions, statistics and probability. A graphing calculator is required for this course: TI-83+ or TI-84+.

PRE-CALCULUS 11	MPREC11	20307
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This pathway is designed to provide students with the mathematical understandings and critical thinking skills identified for post-secondary studies in programs that require the study of theoretical calculus (eg: Sciences and Engineering). Topics include algebra and number, measurement, relations and functions, trigonometry, and permutations, combinations and binomial theorem. A graphing calculator is required for this course: TI-83+ or TI-84+.

APPRENTICESHIP AND WORKPLACE MATHEMATICS 12	MAWM-12	20401
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This course is specifically designed to provide students with the mathematical understandings and critical-thinking skills identified for a career in the trades industries or for direct entry into the work force. Topics include measurement, trigonometry, geometric transformations, number puzzles, leasing or buying a vehicle, small business, linear relations, central tendency, and probability.

CALCULUS 12	MCALC12	20402
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Calculus 12 is a yearlong elective course taken in conjunction with Pre-Calculus 12. The course is intended to help prepare students for university calculus courses; it covers various topics related to differentiation and integration. A graphing calculator is required for this course: TI-83+ or TI-84+.

FOUNDATIONS OF MATHEMATICS 12	MFOM-12	20404
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This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for post-secondary studies in the arts or the humanities. Topics include financial mathematics, logic with numbers, set theory, probability, combinatorics, relations and functions. A graphing calculator is required for this course: TI-83+ or TI-84+.

PRE-CALCULUS 12	MPREC12	20406
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This course is designed to provide students with the mathematical understandings and critical-thinking skills identified for entry into post-secondary programs that require the study of theoretical calculus, like Mathematics, Sciences or Engineering. Topics include trigonometry, relations and functions (exponential & logarithmic, polynomial, radical, rational, and transformations), and combinatorics. A graphing calculator is required for this course: TI-83+ or TI-84+.

MODERN LANGUAGES

FRENCH 8	MFR--08	30001
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French 8 continues the curriculums of French 5-7. In addition to their exposure to French culture, students will work on developing all 4 skills of language: reading, writing, listening and speaking. Various chapters of the "C'est a toi!" level 1 textbook will be used. Evaluation is based on tests that are written, oral and aural as well as quizzes and assignments.

FRANÇAIS LANGUE SECONDE-IMMERSION 8 (FRENCH IMM)	FFRAL08	35002
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This course stresses the basic grammatical components of the French language and teaches simple and complex sentences and paragraph writing. Students study a short contemporary novel and short stories. Library skills are developed through a short research project.

FRENCH 9	MFR--09	30101
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French 9 continues the work begun in French 8. Students will continue to develop their knowledge of French language and culture through practical written, oral and aural activities using "C'est á toi!" Level 2. There will be more emphasis on accuracy in written and spoken language.

FRANÇAIS LANGUE SECONDE-IMMERSION 9 (FRENCH IMM)	FFRAL09	35102
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This course puts particular emphasis on and expands upon the grammatical components of the French language. It includes the study of the contemporary novel, short stories and poetry. Students are expected to be able to write a short and logical narrative.

FRENCH 10	MFR--10	30201
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Students will continue to work from "C'est a toi!" level 2 and will complete the book. The goals and skills introduced in level 1 are continued and enhanced. Class participation remains an essential part of this course. Evaluation is based on written and auditory tests, assignments, dialogues, and projects.

FRANÇAIS LANGUE SECONDE-IMMERSION 10 (FRENCH IMM)	FFRAL10	35201
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This course includes the study and analysis of a contemporary novel, and short stories. It puts emphasis on oral presentations such as exposés and interviews and requires students to be able to write a personal narrative and short analyses.

FRENCH 11	MFR--11	30302
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The French 11 course covers the first half of level 3 of the "C'est a toi!" Continuity from French 10 is maintained, while the content of the program becomes more sophisticated. Grammatical structures will be expanded and students will begin to do more advanced reading and writing.

FRANÇAIS LANGUE SECONDE-IMMERSION 11 (FRENCH IMM)	FFRAL11	35301
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This course includes the study and analysis of a novel and comparative studies of different literary genres such as novels, plays and poetry. Particular emphasis is put on stylistics and dissertation writing.

FRENCH 12	MFR--12	30401
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French 12 will be using "C'est a toi!" level 3. All components of the language will be studied; culture, authentic documents as well as more complex aspects of grammar. Evaluation is based on oral tests, aural tests, tests based on literature selections, written compositions, class participation, projects and dialogues.

FRANÇAIS LANGUE SECONDE-IMMERSION 12 (FRENCH IMM)	FFRAL12	35401
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This course includes the study and analysis of a novel and comparative studies of different literary genres such as novels, plays and poetry. Particular emphasis is put on stylistics and dissertation writing. This is a provincially examinable course. The provincial exam is mandatory.

SPANISH 09	MSP--09	30300
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This course will follow the En Español program used in Spanish 9. This course is open to grade 9 students or grade 10 students that want to build a strong foundation in Spanish and anticipate moving on to Spanish 10 and beyond. The course is intended for students without any previous knowledge of Spanish. This course pathway leads to Spanish 10.

SPANISH 10	MSP--10	N/A
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Spanish 10 is intended for students who have completed Spanish 9. Students will complete the second half of the "En Español 1" program. Continuity is maintained from the previous year as students continue to develop their reading, writing, listening and speaking skills. Culture continues to be incorporated into the content, providing students with an understanding of how it plays into real life situations and communications.

INTRODUCTORY SPANISH 11	MBSP-11	30301
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This course is intended for students without any previous knowledge of Spanish. Introductory Spanish 11 will introduce students to all the basic elements of the language while developing the 4 skills of reading, writing, listening and speaking. The curriculum is rigorous and consequently open only to students in Grade 11 and 12. Success in French is an asset. We will use the En Español 1 book and accompanying DVD's, CD's and workbooks. A workbook is available for purchase. Introductory Spanish 11 does meet the language requirement for some post-secondary institutions but not for all. Students may still need to take Spanish 11 in addition.

SPANISH 11	MSP--11	30304
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This course will follow the En Español program used in Introductory Spanish 11. Students will complete the first half of the second textbook in the series, En Español 2. More emphasis will be placed on accuracy in grammatical structure in written and oral work. Spanish 11 fulfills all university entrance requirements.

SPANISH 12	MSP--12	30404
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Spanish 12 will complete the second half of the "En Español 2" program. Continuity is maintained from the previous year while students study more complex aspects of grammar. There will be more emphasis on accuracy in reading, writing, listening and speaking. Evaluation is based on written, oral and aural tests and assignments.

PHYSICAL EDUCATION

PHYSICAL EDUCATION 8 BOYS	MPE—08-B	N/A
PHYSICAL EDUCATION 8 GIRLS	MPE—08-G	N/A
EDUCATION PHYSIQUE 8 (FRENCH IMMERSION)	FEPHF08	35001
PHYSICAL EDUCATION 9 BOYS	MPE—09-B	N/A
PHYSICAL EDUCATION 9 GIRLS	MPE—09-G	N/A
EDUCATION PHYSIQUE 9 (FRENCH IMMERSION)	FEPHF09	35101
PHYSICAL EDUCATION 10 BOYS	MPE—10-B	N/A
PHYSICAL EDUCATION 10 GIRLS	MPE—10-G	N/A

The aim of Windsor's Physical and Health Education program will be based on big ideas:

- Daily participation in different types of physical activity influences our physical literacy and personal health and fitness goals
- Lifelong participation in physical activity has many benefits and is an essential part of a healthy lifestyle
- Healthy choices influence our physical, emotional, and mental well-being
- Healthy relationships can help us lead rewarding and fulfilling lives
- Advocating for the health and well-being of others connects us to our community

All PE students are required to wear clothing and footwear appropriate for the activity. Proper clothing consists of shorts, T-shirt and running shoes (indoor and outdoor footwear); optional sweat/track suit for outside activities. Due to safety and health concerns, students without proper PE clothing and footwear will not be allowed to participate in the activity. Change room lockers will be available for students to secure their belongings for the duration of their PE class. Community facilities (Ron Andrews Rec. Centre & Ice Sports Arena) will be used for some movement activities. Alternate assignments &/or activities that address the learning outcomes can be provided.

Note: Windsor's goal is to offer grade 8, 9, and 10 PE split by gender. While this model offers an educational benefit, it represents a significant challenge from an organizational standpoint. This goal is dependent on an alignment between enrollment and staffing resources, as well as the ability to satisfy student course requests in the master timetable.

Supplemental Fee: \$15.00

PHYSICAL EDUCATION 10 (CONDITIONING 10) BOYS	MPE—10CB	N/A
PHYSICAL EDUCATION 10 (CONDITIONING 10) GIRLS	MPE—10CG	N/A
BA PE CONDITIONING 11 BOYS	YHRA-1AB	N/A
BA PE CONDITIONING 11 GIRLS	YHRA-1AG	N/A
BA PE CONDITIONING 12 BOYS	YHRA-2AB	N/A
BA PE CONDITIONING 12 GIRLS	YHRA-2AG	N/A

The aim of this course is to enable all learners to enhance their quality of life through active living. Students will develop the knowledge, skills, and attitudes necessary to incorporate physical activity into regular routines and leisure pursuits to live an active, healthy lifestyle. Students will design, follow, monitor and fine tune a diverse personal fitness program, incorporating the three components of the Physical Education 11/12 curriculum: Active Living, Movement, and Safety, Fair Play and Leadership. The facilities and resources of both the school and the community will be utilized. Attendance is a vital component of this course. Fitness and Conditioning 10, 11, 12 requires a course fee for use of Rec. Centers and guest instructors/fitness trainers.

Note: Windsor's goal is to offer a conditioning class split by gender. While this model offers an educational benefit, it represents a significant challenge from an organizational standpoint. This goal is dependent on an alignment between enrollment and staffing resources, as well as the ability to satisfy student course requests in the master timetable.

Supplemental Fee: \$35.00

PHYSICAL EDUCATION 11	MPE--11	60301
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Physical Education 11 includes:

- **Active Living:** Students will have opportunities to understand physiological changes, make appropriate choices, and set personal goals that enhance their quality of life. They gain an understanding and appreciation of factors that influence the health and welfare of themselves and others. Students design and implement plans for exercise programs that apply the principles of training (progression, overload, specificity). These plans will also include ideas for balanced, healthy living including factors such as nutrition, exercise, rest and work.
- **Movement:** Students will participate in a variety of activities including: orienteering, golf, mountain biking, tennis and other games. They are expected to analyze motor skills, apply problem-solving strategies, and demonstrate efficient and effective movement skills. Students will apply understanding of body mechanics (balance, motion, force, levers) to improve their performance and the performance of others. Alternate assignments &/or activities that address the learning outcomes will be provided.
- **Safety, Fair Play and Leadership:** As students participate in physical activities, they develop and reinforce constructive, positive personal behaviours and safety practices. They will demonstrate an understanding of the prevention and treatment of athletic injuries, and develop leadership skills by organizing school and community sports and recreational programs. A total of 12 hours (4 hours per term) of volunteer work in the school and community are required to pass this course. Additional costs for field trips may arise during the year.

Supplemental Fee: \$30.00

BA 11 KINESIOLOGY	YHRA-1C	60316
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Kinesiology is an academic discipline which involves the study of physical activity and its impact on health, society, and quality of life. It includes, but is not limited to, such areas of study as exercise science, sports management, athletic training and sports medicine, socio-cultural analyses of sports, sport and exercise psychology, fitness leadership, physical education-teacher education, and pre-professional training for physical therapy, occupational therapy, medicine and other health related fields.

Supplemental Fee: \$25.00

BA 11 LEADERSHIP	YED-1B	60315
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This course deals with the theoretical and practical understanding of human relations. The time in class will be spent understanding the basic concepts of proactive leadership and how to effectively use the concepts in life and within the school environment. The student will develop peer-helping skills, coach, plan a practice, practice public speaking and be a part of running school and community events. This course provides an opportunity for senior high school students to take on a mentorship role in elementary schools, at Windsor and in the community. This is a great opportunity for teenagers to help younger students in our community and bridge the gap between elementary and high schools. Students will take on leadership roles in the following areas: • Coaching - Basketball, Volleyball, Track and Field, etc. • Teaching Assistant - Assist in the delivery of course curriculum to both elementary and junior high school students • Community - Organize and execute selected events in both the school and surrounding communities and volunteer for local events.

Prerequisite: Acceptance by Application.

PHYSICAL EDUCATION 12	MPE--12	60401
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Physical Education 12 includes:

- **Active Living:** Active involvement in fitness and activity programs reinforces the importance of a balanced lifestyle. Students will plan, participate in, and lead exercise programs and recreational activities, using strategies that encourage others to improve physical fitness and adopt active, healthy lifestyles. It is expected that students will demonstrate the care and prevention of athletic injuries and apply the principles of first aid.
- **Movement:** By participating safely in physical activities and by analyzing the movement skills of others, students will gain an appreciation and awareness of how the body moves. Activities could include: camping, hiking, kayaking, rock climbing, skiing, taekwondo, sailing, and many other games and sports. Students are expected to improve their personal functional level of competence in a selection of activity-specific motor skills. Alternate assignments &/or activities that address the learning outcomes will be provided.
- **Safety, Fair Play and Leadership:** Students will apply leadership skills and the knowledge they gain through certification programs as they initiate and organize school and community recreational programs. They will reflect and expand on personal leadership skills through peer-teaching experiences and perform service and volunteer work in the school and community. A total of 12 hours of volunteer work in the school and community are required to pass this course.
- **Athletic ability is not a requirement for this course but students will be evaluated on the basis of attendance, effort, attitude, leadership, service work, and personal improvement in skill and fitness level. A positive willingness to participate is a definite asset.**

Additional costs for field trips may arise during the year.

Supplemental Fee: \$30.00

WINDSOR HOCKEY SKILLS ACADEMY

PHYSICAL EDUCATION 8: HOCKEY SKILLS	MPE--08--H	60008
PHYSICAL EDUCATION 9: HOCKEY SKILLS	MPE--09--H	60110
PHYSICAL EDUCATION 10: HOCKEY SKILLS	MPE--10--H	60213
PHYSICAL EDUCATION 11: HOCKEY SKILLS	MPE--11--H	60308
PHYSICAL EDUCATION 12: HOCKEY SKILLS	MPE--12--H	60410

The Hockey Academy offers an opportunity for students to improve their hockey skills and knowledge through additional training, both on and off the ice, while balancing their secondary studies.

Please see the following link for more information and registration procedures:

<http://www.sd44.ca/ProgramsServices/Academies/HockeyAcademy/Pages/default.aspx>

Program Fee: \$2000 per school year (\$200/month)

WINDSOR SOCCER ACADEMY

PHYSICAL EDUCATION 8: SOCCER SKILLS	MPE--08--S	60011
PHYSICAL EDUCATION 9: SOCCER SKILLS	MPE--09--S	60114
PHYSICAL EDUCATION 10: SOCCER SKILLS	MPE--10--S	60217
PHYSICAL EDUCATION 11: SOCCER SKILLS	MPE--11--S	60311
PHYSICAL EDUCATION 12: SOCCER SKILLS	MPE--12--S	60411

The Soccer Academy offers an opportunity for students to improve their soccer skills and earn PE credit while balancing their secondary studies. The program includes weight training, cross-sport training, and fitness testing, as well as other Physical Education activities.

Please see the following link for more information and registration procedures:

<http://www.sd44.ca/ProgramsServices/Academies/SoccerAcademy/Pages/default.aspx>

Program Fee: \$1650 per school year (\$165/month)

PLANNING AND CAREER PROGRAMS (WORK EXPERIENCE)

The Planning curriculum focuses on preparing students to create and implement plans in order to meet their personal, education, and career goals. It also prepares students to effectively meet challenges of the ongoing workplace, primarily through projects and applied learning. During their grade 10 year, students will be introduced to the ministry's graduation requirements: Graduation Transitions. They will then continue to be supported in the development of their graduation requirements throughout workshops in grade 11 and throughout Planning 12.

HEALTH AND CAREER EDUCATION 8	MHCE-08	80001
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The aim of Health and Career Education 8 is to provide students with the knowledge, skills, and attitudes that will assist them in making informed decisions related to their health, education, and their future careers. They will develop an understanding of their growing personal responsibility for attaining and maintaining their overall health and well-being, and for identifying and exploring their education and career goals. This course has been integrated into other elective areas.

HEALTH & CAREER EDUCATION 9	MHCE-09	80101
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The aim of Health and Career Education 9 is to provide students with the knowledge, skills, and attitudes that will assist them in making informed decisions related to their health, their education, and their future careers. They will develop an understanding of their growing personal responsibility for attaining and maintaining their overall health and well-being, and for identifying and exploring their education and career goals. This course will be offered through grade assemblies as well as be integrated into other grade 9 curricular areas.

PLANNING 10	MPLAN10	80204
PLANIFICATION 10 (FRENCH IMMERSION)	FPLAN10	35202

The aim of Planning 10 (or Planification 10) is to enable students to develop the skills they need to become self-directed individuals who set goals, make thoughtful decisions, and take responsibility for pursuing their goals throughout life. More specifically, this course supports student achievement in the areas of: education planning, career development, healthy decision making, and financial literacy. It also introduces students to the Graduation Transitions ministry grad requirements. For example, students must log (and will be reported on) 150 minutes per week of moderate to vigorous physical activity.

Note: PLANIFICATION 10 (FPLAN10) to be delivered to students online.

WORK EXPERIENCE 12A	MWEX-2A	80405
WORK EXPERIENCE 12B	MWEX-2B	80411

The primary goal of career development programs (Work Experience) allows students to discover a bridge between classroom learning and workplace and post-secondary realities, making their learning meaningful, personalized and relevant. Each Career Education course is valued at 4 credits and students can complete up to 16 credits of work experience towards graduation. Students are placed with local employers in positions that align with their interests and future career goals. The community becomes the classroom where students gain experience in the workplace and are provided with a frame of reference to review or revise their career goals. Through employer assessment, students receive valuable feedback about their employability skills and technical skills related to specific occupations.

Work Experience is comprised of:

- Pre-placement classroom assignments
 - Focus areas, employability skills, resume, cover letter, and thank you letter
- Your workplace experience of 80-100 hours at a community worksite(s)
- Post-placement assignments
 - Updated resume, reflection, hours, safety worksheet, and thank you letter

Any student, aged 14 years or older can enroll. If they have a job in their focus areas, that job can be used for credits as well. Students may choose to register for a structured classroom block where a classroom teacher

supports course work, or they may choose to complete the course work independently with the guidance of a classroom teacher outside of class time.

ACE-IT Programs offered through the North Vancouver School District (NVSD)

Windsor Secondary offers ACE-IT and Apprenticeship Programs in conjunction with the Industry Training Authority (ITA). NVSD is offering 3 programs where students attend school on Day 1 and then go to their training Day 2. The programs offered are:

- Carpentry
- Culinary
- Piping Foundations

More information on all these programs can be found from the Career Education Center and/or the Counseling Department.

SECONDARY SCHOOL APPRENTICESHIP 11A	MSSA-1A	80301
SECONDARY SCHOOL APPRENTICESHIP 11B	MSSA-1B	80302
SECONDARY SCHOOL APPRENTICESHIP 12A	MSSA-2A	80403
SECONDARY SCHOOL APPRENTICESHIP 12B	MSSA-2B	80404

Windsor Secondary School offers Secondary School Apprenticeship (SSA) in conjunction with the Industry Training Authority (ITA). The Secondary School Apprenticeship program is designed for those students who are currently working part-time in a trade, under a certified Journey Person, or who know of someone who might hire them to work in a trade. It is possible for students to earn up to 16 credits while in school. Four credits (4 credits) are assigned for every 120 hours of work completed. These hours are also counted towards the total number of hours needed to become a journeyman in their chose trade. Trades are not what they use to be. If you are interested in seeing your hands-on child explore a trade while in high school, check out these sites:

<http://www.discoverskillsbc.ca/> and/or www.itabc.ca

BA TRANSITION PLANNING 12	YSEVC2A	80423
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Transition Planning 12 in an online course that is designed to support students in fulfilling the BC Ministry of Education’s graduation requirements of Graduation Transitions and acquiring the Attributes of a BC Graduate.

The main goal is to support all students in acquiring attributes in the areas of intellectual, social and career development. Students will focus on themselves with the purpose of continued self-discovery in preparation for transition to life after secondary school and prepare for their final Graduation Transitions Presentation in May of grade 12. This is a 2-credit course.

GRADUATION TRANSITIONS 12	MGT----	80201
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Graduation Transitions is intended to prepare students for a successful transition to life after secondary school. In order to meet this goal, Graduation Transitions will allow students to:

- Take ownership of their own health and learning
- Examine and demonstrate connections between their learning and their future
- Create a plan for their growth and development as skilled, healthy, knowledgeable, participating citizens
- Exhibit attributes of a BC graduate

Graduation Transitions is an opportunity for students to reflect on their knowledge and abilities and plan for life after graduation by collecting evidence of their achievements in the following required areas:

Personal Health

- Engage in at least 150 minutes per week of moderate to vigorous physical activity from grades 10-12
- Develop a long-term personal healthy living plan appropriate to his/her lifestyle that describes:
 - sound nutritional habits
 - regular exercise routines
 - emotional health management (ie stress management)
 - positive health choices

Community Connections

- Participate in at least 30 hours of work experience &/or community service (including a total of 30 hours of work and/or community service between grades 10-12)
- Describe the duties performed, the connections between the experience and his/her employability and life skills, and the benefit to the community and to the student

Career and Life

- Develop a comprehensive plan that indicates that student is prepared to successfully transition from secondary school, which includes:
 - Completion of transition activities relevant to career, life, and learning goals.
 - Identification and communication of achievements that reflect the development of the attributes of a BC graduate
 - Identification and communication of costs and funding sources associated with education, career, and life options after graduation

Graduation Transitions will be completed in May and students will present to classes in the school at that time. Students must complete the requirements for all learning outcomes in order to earn credit for Graduation Transitions. Upon successful completion of the learning outcomes, a "Requirement Met" (RM) mark will be assigned and students will earn 4-credits towards graduation.

SCIENCE

SCIENCE 8	MSC--08	25001
SCIENCES 8 (FRENCH IMMERSION)	FSCF-08	35003

The Science 8 (or Sciences Naturelles 8) program consists of a set of Prescribed Learning Outcomes that share a common focus which include the study of Processes of Science, Life Science, Physical Science, Earth Science and Space. Students in Science 8 to 10 are building on skills and processes that they have been developing from Kindergarten through to Grade 7. These include skills such as observing, classifying, predicting, inferring, and hypothesizing. Scientific reasoning, critical thinking, and decision-making are also part of that foundation. Beginning in Grade 8, the curriculum places greater emphasis on skills related to lab safety, scientific communication, scientific literacy, and understanding and using scientific technology. These are maintained and reinforced at all three grade levels, 8 to 10. French Immersion course follows the same curriculum, only in French.

SCIENCE 9	MSC--09	25101
SCIENCES 9 (FRENCH IMMERSION)	FSCF-09	35103

Science 9 (or Sciences Naturelles 9) continues the study of Processes of Science, Life Science, Physical Science Earth and Space Science. Life Science focuses on cellular reproduction, principals of inheritance, and embryonic development. Physical Science describes modern atomic theory including atomic structure, and chemical bonding. In addition, students will study static and current electricity. In the Earth Science unit, students will study the major components and characteristics of the universe and the solar system. French Immersion course follows the same curriculum, only in French.

SCIENCE 10	MSC--10	25201
SCIENCES 10 (FRENCH IMMERSION)	SCF--10	35204

The Science 10 (or Sciences Naturelles 10) curriculum covers four broad areas of study that can be described with the headings: Biology, Chemistry, Physics, and Earth Science.

- Biology examines ecology and sustainability. Biotic and abiotic factors, energy flow, bioaccumulation are some of the concepts that will be studied.
- Chemistry examines different types of chemical bonding and atomic theory. In addition, this section covers acids, bases, salts, organic molecules, and the factors affecting chemical reactions. Atomic theory will also be used to explain radioactivity.
- Physics looks at the mathematical description of motion or kinematics. Students are also introduced to the concepts of vectors and scalars.
- Earth Science will investigate heat transfer in the atmosphere and how this relates to weather and climate. Plate tectonics will also be explained in terms of heat transfer.

This course is supported by the web site www.bcscience.com/bc10/ which is fully integrated with the Integrated Resource Package established by the Ministry of Education. This is a provincially examinable course. The provincial exam is mandatory.

BIOLOGY 11	MBI--11	25301
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Biology 11 addresses the basic concepts, laws, and theories of Biology. This course will introduce the knowledge, skills, and the attitudes that provide the basis for sound and ethical problem solving in Biological issues. It will also examine the place of Biology in society and history and its relationship to other disciplines. Areas of study will include theories of life, and complexity of life with in-depth studies of all life forms ranging from bacteria to primates. This course is highly recommended for students planning to take Biology 12.

CHEMISTRY 11	MCH--11	25303
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Chemistry 11 serves as the main bridge between grade 10 general science chemistry and first year chemistry offered at a university, college or technical institute. The main concepts are pursued more in depth and quantitative aspects are developed and emphasized. Mathematical calculations and analyses are an integral part of this course. Whenever possible, lab work is used to apply theory to practical situations and to build students' lab skills. Topics for presentation include properties of and classification of matter, naming inorganic compounds, mole concept, chemical reactions, atomic structure, periodic table, chemical bonding, solution chemistry, and organic chemistry. It is strongly recommended that students selecting this course should have earned above average marks (C+ or higher) in Science 10, and Math 10.

EARTH SCIENCE 11	MESC-11	25307
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This is a course designed for those students with an interest in science and a curiosity about the origin and structure of the earth, the materials of which it is made, the changes which occur on its surface, and its place in the universe. Earth Science 11 will consist of a combination of topics chosen from the Astronomical Sciences and Geological Sciences, geologic process, earth resources, earth history, fossils, atmospheric science and oceanography. The intent of Earth Science 11 is to introduce students to the many recent discoveries in space and space exploration, and to a number of current geological and environmental issues in the world today.

PHYSICS 11	MPH--11	25310
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Physics 11 is an activity and algebraic based course. This course will provide insight into a broad range of topics, chosen to illustrate the scope of physics in our life. Units of study include:

- Kinematics - the study of how objects move
- Dynamics - the study of why objects move
- Energy - the study of work energy and power
- Nuclear Energy
- Wave Motion and Geometrical Optics
- Einstein's Special Theory of Relativity

Assessment and evaluation come from worksheets, activities, quizzes and tests. It is strongly recommended that students selecting this course should have earned above average marks (C+ or higher) in Math 10.

BIOLOGY 12	MBI--12	25401
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The Biology 12 focuses on human biology. Investigation follows a sequence from cell structure and simple biochemical processes to organ systems. The major theme of the course is homeostasis and how diverse body systems are integrated to maintain homeostasis. Topics for Cell Biology include cell structure and function, DNA, protein synthesis, cancer and enzymes. Human biology emphasizes the digestive, circulatory, respiratory and reproductive systems. Laboratory work is used whenever possible to develop practical skills. The fetal pig dissection is used to review the systems of the human body. It is strongly recommended that students selecting this course should have earned above average marks (C+ or higher) in Biology 11 and Chemistry 11

CHEMISTRY 12	MCH--12	25403
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In Chemistry 12, many of the concepts presented in Chemistry 11 are probed at greater depth. The general approach is similar to Chemistry 11 but the topics allow for a deeper insight into the nature of matter and the problem of why and how one type of matter will react with another. The topics presented include reaction kinetics, equilibrium, solubility of ionic substances, acids, bases, salts, and oxidation - reduction reactions. It is strongly recommended that students selecting this course should have earned above average marks (C+ or higher) in Chemistry 11 and Math 11.

PHYSICS 12	MPH--12	25406
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Physics 12 is a very challenging course. It is highly recommended that student's come into this course with a solid understanding of algebra, a strong work ethic, and a high degree of self-motivation. Assessment and evaluation come from homework sets, quizzes and tests. Physics 11 is a recommended pre-requisite to Physics 12. It is strongly recommended that students selecting this course should have earned above average marks (B or higher) in Physics 11 and, Math 10.

SOCIAL STUDIES

SOCIAL STUDIES 8	MSS--08	15001
SCIENCES HUMAINES 8 (FRENCH IMMERSION)	FSCHF08	35004

The primary goal of Social Studies 8 (or Sciences Humaines 8) is to provide students with the skills and tools to become proficient learners. The course is very interesting as it investigates the era from the fall of Rome to the Renaissance. Time is also devoted to geography skills and historical events outside of Europe. Students will be expected to develop and demonstrate abilities in organization, time management, note taking, writing, and study skills.

SOCIAL STUDIES 9	MSS--09	15101
SCIENCES HUMAINES 9 (FRENCH IMMERSION)	FSCHF09	35104

Social Studies 9 (or Sciences Humaines 9) focuses on Europe and North America from 1500 to 1815 with emphasis on understanding, connecting, applying knowledge, and practicing active citizenship. To help illustrate the flow of history, the events are explored, discussed and demonstrated thematically. Throughout the program, links to current events are used to illustrate historic issues.

Themes of study explored in this course include:

- Geography and environment
- Exploration and settlement in North America
- The struggle for rights
- Conflict in North America

SOCIAL STUDIES 10	MSS--10	15201
SCIENCES HUMAINES 10 (FRENCH IMMERSION)	FSCH-10	35205

Social Studies 10 (or Sciences Humaines 10) focuses on the growth of Canada from colony to nationhood with an emphasis on the years 1815 to 1914. Various themes are revisited throughout the course, including immigration and the face of Canada's cultural mosaic, the changing nature of democracy, and the role of the First Nations in Canada's development. Themes from the past are linked to current issues and events whenever possible. Unlike France, which became a country as a result of a people's revolution, or the US, which was brought about by a war of independence, Canada was a vision shared by thousands of men and women who worked to make it a reality. This course explores the challenge of Canada's geographic diversity the way our ancestors experienced it. The diversity of the First Nations, with their profound knowledge of the land and the variety of the people from Europe and Asia are also covered.

Social Studies 10/Sciences Humaines 10 shows how confederation brought the vision of Canada to life and the building of the CPR made it happen. Then it's "all aboard" to explore the geographic and cultural diversity of British Columbia.

SOCIAL STUDIES 11	MSS--11	15301
SCIENCES HUMAINES 11 (FRENCH IMMERSION)	FSCH-11	35302

The aim of Social Studies 11 (or Sciences Humaines 11) is to develop thoughtful, responsible, active citizens who are able to acquire the requisite information to consider multiple perspectives and reasoned judgments. The curriculum provides students with opportunities to reflect critically upon events and issues in order to examine the present, make connections with the past, and consider the future.

The following goals reflect the Prescribed Learning Outcomes for this course. Students will:

- Become familiar with the rights, responsibilities, and practices of active Canadian citizenship
- Explore Canada's role in the conflicts of the 20th century and its contribution to global stability
- Develop an understanding of key environmental issues and challenges of global development
- Explore important issues related to Canada's evolving identity

Through their participation in this course, students are encouraged to:

- Understand and prepare to exercise their roles, rights, and responsibilities within Canada and the world
- Develop an appreciation of democracy and what it means to be a Canadian
- Think critically, evaluate information, and practice effective communication

Social Studies 11/Sciences humaines 11 are provincially examinable courses. The provincial exam is mandatory.

COMPARATIVE CIVILIZATIONS 12	MCCN-12	15401
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Comparative Civilizations 12 is offered to students wishing to experience and understand beliefs and ideas made visible and audible through the medium of the arts. The course encompasses the last 2,000 years and does not attempt to present a complete record of mans' achievements, but concentrates on crucial civilizing episodes and individual accomplishments that are pertinent to understanding our world. Therefore, "Civ.12" will employ a survey method style to give justice to this vast span of time. The main goal of the course is to give students an appreciation and insight into their own heritage through the arts, archaeology, religion, and philosophy. Lecture, film, debates, and discussion will be common to the course, but emphasis is placed on project work.

GEOGRAPHY 12	MGEO-12	15402
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Geography 12 is the study of the physical, natural and human elements of the global environment. Students will therefore examine the specific inter-dependencies and inter-relationships affecting people and their surrounding environment. The course is divided into two major areas of study:

- Physical geography - involves the study of the forces acting on the earth's surface (e.g., plate tectonics, volcanism, glaciation, etc.), its climate, oils and vegetation.
- Human Geography - involves the examination of current issues (e.g., population), environmental threats, as well as the management of global resources.

HISTORY 12	MHI--12	15405
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The History 12 curriculum is designed to give students a range of experiences and opportunities to develop skills that will increase their understanding of their lives as Canadians and as global citizens. In addition, it will prepare them for further study in history as well as related disciplines. The scope of the curriculum is sufficiently broad to allow students to see the development of major patterns and trends in the 19th and 20th centuries, while maintaining a perspective that is relevant and interesting to students as future citizens of Canada. In addition, the course emphasizes thematic approach to the discipline. The themes and perspectives are designed to allow students to discover critical patterns and trends in the 20th century and have been incorporated into the Curriculum Organizers.

One of the most important aspects of the course includes the writing and analysis of history. The ability to construct sophisticated arguments concerning historical problems will be emphasized throughout the course. Students will be required to write at least one major essay as well as smaller written assignments per term. All students will write an in-school final exam worth 25% of the final mark.

LAW 12	MLAW-12	15407
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Law 12 is an introductory course on Canadian law that will delve into the following areas: the legal foundations of Canadian law, human rights and the law, criminal law, local and famous trials, civil law, family law, and "everyday" law. Every attempt is made to discuss and apply concepts to practical situations and current issues which students may encounter after they graduate. Students should anticipate a high level of interaction and dialogue on a wide range of contemporary and often controversial legal issues. An emphasis is placed on active lessons such as "Mock Trials" where students learn through doing. The course is designed to enhance the students' ability to participate effectively within Canadian society by learning critical thinking, communication, and study skills. This course may be taken concurrently with Social Studies 11 or in grade 12.

SOCIAL JUSTICE 12	MSJ--12	15409
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This course is aimed at exploring the different issues confronting society in Canada and the world today. It will concentrate on the origins of major global social issues, its problems, the current conditions and the approaches from national governments and international organizations. Using critical and creative thinking skills, and examining different perspectives, this course will connect students to the larger global community, raise students' awareness of social injustices, and provide them with knowledge skills, and an ethical framework to advocate for a socially just world. Students will be expected to participant in class discussions as well as activities outside of the classroom. An out of province trip maybe offered and will only be offered to students enrolled in Social Justice 12. This trip as well as all other field trips is optional. Interested students must contact the instructor before registering in the course.

VISUAL AND PERFORMING ARTS

The Department of Visual & Performing Arts serves hundreds of students with programs in Visual Art, Music, Theatre, Film and Dance. The Visual & Performing Arts Department is an integral part of life at Windsor Secondary. The department stages theatrical productions each year, numerous musical events, and several art exhibitions.

DANCE ACADEMY

PHYSICAL EDUCATION 8: DANCE	MPE--08--D	60012
PHYSICAL EDUCATION 9: DANCE	MPE--09--D	60106
PHYSICAL EDUCATION 10: DANCE	MPE--10--D	60209
DANCE: PERFORMANCE 11	MPE--11--D	60319
DANCE: PERFORMANCE 12	MPE--12--D	60418

The Dance Academy offers students the ability to pursue their commitment to dance while remaining connected to their local high school and fulfilling academic requirements towards graduation. The Dance Academy is provided in partnership with Seymour Dance, a certified Royal Academy of Dance School. Students in Grades 8 to 12 are eligible for enrolment.

Please see the following link for more information and registration procedures:

<http://www.sd44.ca/ProgramsServices/Academies/Dance/Pages/default.aspx>

Program Fee: \$1550 per school year (\$155/month)

DRAMA

DRAMA 8	MDR--08	N/A
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Drama 8 offers a creative and positive working environment where students participate in a variety of drama games, scene work and improvisation. The first half of the year focuses on confidence building and respectful teamwork which prepares and supports students to perform in front of their peers. A year-end drama project will highlight students' best work.

Supplemental Fee: \$10.00

DRAMA 10: IMPROVISATION & CREATIVE DRAMA	MDRG-10	55203
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Drama 10 is an introductory performance course which aims to develop teamwork, confidence building, and creativity. Students participate in vocal and physical warm ups, character development, improvisation, mysteries and thematic scenes. While there is little written homework, it is expected that students may need to rehearse their scenes outside of class time. There will be performance opportunities (not required) throughout the year.

Supplemental Fee: \$12.00

DRAMA 11: IMPROVISATION & CREATIVE DRAMA (ACTING 11)	MTPA-11	55329
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In Drama 11 students learn to rely on their body and voice, as well as their peers, to act out vivid characters and engaging stories. In addition to developing improvisation skills, students perform small group scenes and monologues. There will be performance opportunities (not required) throughout the year.

Supplemental Fee: \$12.00

DRAMA 12: IMPROVISATION & CREATIVE DRAMA (ACTING 12)	MTPA-12	55427
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Drama 12 is a continuation of Drama 11. The course also explores character analysis and acting styles. There will be performance opportunities (not required) throughout the year.

Supplemental Fee: \$12.00

THEATRE COMPANY 10 (PRODUCTION)	MDRD-10	55202
THEATRE COMPANY 11 (PRODUCTION)	MTPR-11	N/A
THEATRE COMPANY 12 (MANAGEMENT)	MTPRM-12	N/A

Theatre Company is a performance program that stages a number of productions each year. Each student plays a variety of roles as actor, director and technician. The range of productions includes comedies, tragedies,

musicals and original compositions. In addition, students have exposure to field professionals, workshops, and festivals. This X-Block course provides students with the opportunity for high standards of work and performance.
Supplemental Fee: \$20.00

MUSIC - INSTRUMENTAL

The following items are required for all music courses: basic concert performance outfit and instruments acquired from private music outlets or rented from the school district. In addition, students have the opportunity to travel with the department on music tours. The students pay for these trips. Fundraising opportunities are in place for the students to defray tour expenses.

MUSIC 8: CONCERT BAND	MMU--08-CB	55006
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This course is an introduction to higher-level instrumental ensemble playing. Students must have a minimum of one year of band experience at the elementary level to be in this course; however, beginner students may also join with the permission of the teacher. Beginner students will play the same music as the more experienced players and are strongly encouraged to seek extra help and / or take private lessons. Challenging music from a variety of genres will be performed. Students will continue to build on their technical facility, tone production, musicality and music theory skills. **Concert attendance and purchase of a basic uniform is mandatory.** Extra rehearsals and **regular practice** are also required. Students in this ensemble will likely have an opportunity to go on tour.
Supplemental Fee: \$25.00

MUSIC 8: JAZZ BAND	MMU--08-JB	55009
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This course is an introduction to and exploration of the Jazz Band setting. **It is open to students in grade 8 by invitation (in September) only.** Students will explore various essential jazz styles: Swing, Rock and Latin and will learn skills for improvising. A special emphasis will be placed on jazz articulation and style. The Jazz Band setting has a limited instrumentation (**only saxophone, trumpet, trombone, piano, electric guitar, bass guitar, drum-kit and auxiliary percussion**). Players of other instruments (flute, clarinet, etc.) are encouraged to learn a secondary instrument to play in the Jazz Band. **Students must be enrolled in a Concert Band course to take Jazz Band. Concert attendance and purchase of a basic uniform is mandatory.** Extra rehearsals and regular practice are also required. Jazz Band is an X-Block course, which takes place before school and after school. Students in this ensemble will likely have an opportunity to go on tour.
Supplemental Fee: \$25.00

MUSIC 8: ORCHESTRAL STRINGS	MMU--08-ST	55010
MUSIC 9: ORCHESTRAL STRINGS	MMU--09-ST	55113
MUSIC 10: ORCHESTRAL STRINGS	MMOS-10	55212
INSTRUMENTAL MUSIC 11: STRINGS	MIMOS11	55321
INSTRUMENTAL MUSIC 12: STRINGS	MIMOS12	55417

If you play violin, viola or cello, why not join the Orchestra? Get credit while playing great music. From Celtic to the Classics and everything in between, this is a course where you can be part of a fun ensemble and learn fantastic music. The Strings program is open to string players of all levels and will emphasize ensemble playing and performance. A wide variety of literature will be presented to aid and further the technical and musical development of individual players. Classes are held in the early morning three times per week. Students receive 2 credits for a Fine Arts course, depending on their grade level. **As this is a performance class, concert attendance and purchase of a basic uniform is mandatory.**
Supplemental Fee: \$25.00

MUSIC 9: CONCERT BAND	MMU--09-CB	55107
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This course is a continuation of the band program. Students must have a minimum of two years of band experience (either at the elementary or secondary level), or have demonstrated a level of musical ability to be in this course. Challenging music, from a variety of genres, will be performed. Students will continue to build on their technical facility, tone production, musicality and music theory skills. Concert attendance is mandatory.

Purchase of a basic uniform is required. Extra rehearsals and regular practice are required. Students in this ensemble will likely have an opportunity to go on tour.

Supplemental Fee: \$25.00

MUSIC 9: JAZZ BAND	MMU--09-JB	55110
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This course is an introduction to and exploration of the Jazz Band setting. Students normally join Jazz Band in grade 9. Students will explore various essential jazz styles: swing, rock and Latin and will learn skills for improvising. A special emphasis will be placed on jazz articulation and style. The Jazz Band setting has a limited instrumentation (only: saxophone, trumpet, trombone, piano, electric guitar, bass guitar, drum-kit and auxiliary percussion), however players of other instruments (flute, clarinet, etc.) are encouraged to learn a secondary instrument to play in the Jazz Band. Students must be enrolled in a Concert Band course to take Jazz Band. Concert attendance is mandatory. Purchase of a basic uniform is required. Extra rehearsals and regular practice are required. Jazz Band is an X-Block course, which takes place before school or after school. Students in this ensemble will likely have an opportunity to go on tour.

Supplemental Fee: \$25.00

MUSIC 10: CONCERT BAND	MMCB-10	55205
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This course is a continuation of the band program. This is not an auditioned course; however, students may have to demonstrate playing ability and other skills to participate. Students will continue to build on their technical facility, tone production, musicality and music theory skills. Challenging music, with a special emphasis on musicality and style, will be performed. Concert attendance is mandatory. Purchase of a basic uniform is required. Extra rehearsals and regular practice are required. This ensemble traditionally goes on a major tour once every two years.

Supplemental Fee: \$25.00

MUSIC 10: JAZZ BAND	MMJB-10	55210
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This course is a continuation of the Jazz Band program. Some students in grade 10 will be accepted into the "Junior Jazz Band" while others will be accepted into the "Senior Jazz Band". Acceptance into the Senior Jazz Band depends on instrumentation and balance, musical ability, and other factors. Students will explore the essential jazz styles: swing, rock and Latin and will learn skills for improvising. A special emphasis will be placed on jazz articulation and style. The Jazz Band setting has a limited instrumentation (only: saxophone, trumpet, trombone, piano, electric guitar, bass guitar, drum-kit and auxiliary percussion), however players of other instruments (flute, clarinet, etc.) are encouraged to learn a secondary instrument to play in the Jazz Band. Students must be enrolled in a Concert Band course to take Jazz Band. Concert attendance is mandatory. Purchase of a basic uniform is required. Extra rehearsals and regular practice are required. Jazz Band is an X-Block course, which takes place before and after school. Students in this ensemble will likely have an opportunity to go on tour.

Supplemental Fee: \$25.00

INSTRUMENTAL MUSIC 11: CONCERT BAND	MIMCB11	55315
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This course is a continuation of the band program. This is not an auditioned course; however, students have to demonstrate a high standard of playing ability and other skills to participate. Students will continue to build on their technical facility, tone production, musicality and music theory skills, with a special emphasis on playing in a soloistic style. Challenging music, demanding technical facility and musicality, will be performed. Concert attendance is mandatory. Purchase of a basic uniform is required. Extra rehearsals and regular practice are required. This ensemble traditionally goes on a major tour once every two years.

Supplemental Fee: \$25.00

INSTRUMENTAL MUSIC 11: JAZZ BAND	MIMJB11	55319
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This course is a deeper exploration of the Jazz Band setting. Students will explore a broader variety of jazz styles: swing, shuffle, rock, funk, bossa nova, samba, and more. Students continue to build on their improvising skills with a special emphasis on playing with style and creativity. Students must be enrolled in a Concert Band course to take Jazz Band. This course has to be limited in number due to the importance of a balanced sound. Concert attendance is mandatory. Purchase of a basic uniform is required. Students will be expected to attend extra rehearsals and perform when called upon. Students must be enrolled in a Concert Band course to take Jazz

Band. Jazz Band is an X-Block course, which takes place before and after school. This ensemble traditionally goes on a major tour once every two years.

Supplemental Fee: \$25.00

INSTRUMENTAL MUSIC 12: CONCERT BAND	MIMCB12	55413
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This course is a continuation of the band program. This is not an auditioned course; however, students have to demonstrate a high standard of playing ability and other skills to participate. Students will continue to build on their technical facility, tone production, musicality and music theory skills, with a special emphasis on playing in a soloistic style. Challenging music, demanding technical facility and musicality, will be performed. Concert attendance is mandatory. Purchase of a basic uniform is required. Extra rehearsals and regular practice are required. This ensemble traditionally goes on a major tour once every two years.

Supplemental Fee: \$25.00

INSTRUMENTAL MUSIC 12: JAZZ BAND	MIMJB12	55415
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This course is a deeper exploration of the Jazz Band setting. Students will explore a broader variety of jazz styles: swing, shuffle, rock, funk, bossa nova, samba, and more. Students continue to build on their improvising skills with a special emphasis on playing with style and creativity. Students must be enrolled in a Concert Band course to take Jazz Band. This course has to be limited in number due to the importance of a balanced sound. Concert attendance is mandatory. Purchase of a basic uniform is required. Students must be enrolled in a Concert Band course to take Jazz Band. Students will be expected to attend extra rehearsals and perform when called upon. Jazz Band is an X-Block course, which takes place before and after school. This ensemble traditionally goes on a major tour once every two years.

Supplemental Fee: \$25.00

MUSIC - VOCALS

The following items are required for all music courses: basic concert performance outfit and instruments acquired from private music outlets or rented from the school district. In addition, students have the opportunity to travel with the department on music tours. The students pay for these trips. Fundraising opportunities are in place for the students to defray tour expenses.

MUSIC 8: CHOIR	MMU--08	N/A
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The primary goal of **Choir 8** is to encourage students to develop their love of music through singing. By exploring of a wide variety of repertoire, students will actively take part in selecting, arranging and performing in an ensemble performance with their class, highlighting their work at one of our choral music concerts. They will also team up with ONE Choir in performances, providing additional opportunities to perform and to get to know other choir students in the program. As this is a performance-based course, attendance at performances is mandatory. This choir is not auditioned.

Supplemental Fee: \$10.00

MUSIC 9: CONCERT CHOIR (ONE CHOIR)	MMU--09-CC	55108
MUSIC 10: CONCERT CHOIR (ONE CHOIR)	MMCC-10	55207
CHORAL MUSIC 11: CONCERT CHOIR (ONE CHOIR)	MCMCC11	55305
CHORAL MUSIC 12: CONCERT CHOIR (ONE CHOIR)	MCMCC12	55405

ONE Choir is open to all Windsor students who wish to sing. The primary goal of this course is to encourage students to develop their singing voices within the context of a large group. Students will explore a wide variety of repertoire, with performances coming throughout the year at our scheduled term concerts. This is an X-block class that meets after school on Tuesdays with one extended rehearsal per month. The extended rehearsal provides an opportunity to work with guest artists and clinicians while connecting to all Windsor choir students in the program. This choir is not auditioned. As this is a performance based course, attendance at all concerts is mandatory. Students may choose ONE Choir as their eighth or ninth course. There will be a credited position for a pianist with the choir.

Supplemental Fee: \$20.00

MUSIC 9: CHAMBER CHOIR AUDITIONED	MMU--09ACC	55105
MUSIC 10: CHAMBER CHOIR AUDITIONED	YVPA-0F	55229
CHORAL MUSIC 11: CHAMBER MUSIC AUDITIONED	YVPA-1F	55336
CHORAL MUSIC 12: CHAMBER MUSIC AUDITIONED	YVPA-2F	55441

These courses are open to all students from grades 9 to 12. A wide range of musical styles will be explored, ranging from sacred choral works to contemporary and popular music. Music theory fundamentals will be taught in this course as well as focusing on flexible vocal techniques. A firm commitment to excellence is required for participation in this group. Many solo opportunities will be available in addition to smaller group work. Extra rehearsal time for all choir members should be expected. Some related costs must be expected (outfits, retreats, tours.) Students in this class are highly encouraged to participate in any musical theatre opportunities at the school.

The Senior Chamber Choir is a mixed vocal ensemble, with parts for men and women. An audition will be held in February of each year to determine student placement in the Senior Chamber Choir. Junior Chamber Choir traditionally has been an all-female ensemble and does not require an audition.

Required co-requisite: ONE Choir

Supplemental Fee: \$20.00

MUSIC 9: VOCAL JAZZ	MMU--09-VJ	55115
MUSIC 10: VOCAL JAZZ	MMVJ-10	55215
CHORAL MUSIC 11: VOCAL JAZZ	MCMJV11	55307
CHORAL MUSIC 12: VOCAL JAZZ	MCMJV12	55407

The Vocal Jazz ensemble is open to all students from grades 9 – 12. An audition will be held in February of each year in order to be part of this ensemble. The group will feature both men and women and has additional openings for a guitarist, pianist, bass guitarist and a drummer. Vocal Jazz is an amplified choir, as the entire

ensemble sings on individual microphones. Repertoire will focus on vocal jazz standards, as well as pop and contemporary pieces. Numerous solo opportunities will be available as well as work within smaller combos. A firm commitment to excellence is required for participation in this group. The ensemble will meet Mondays at 3:15pm and Wednesday mornings at 7:30am. Some related costs must be expected (outfits, retreats, tours).

Required co-requisite: ONE Choir

Supplemental Fee: \$20.00

VISUAL ARTS

CREATIVE ARTS 8 (VISUAL ARTS / INFO TECH - COMBINED)

This course rotation provides students with the opportunity to experience understand and value the creative arts.

Visual Art 8 introduces students to the exciting media of painting, drawing, clay, and sculpture. Students are guided to see the world from an artistic point of view and enhance their perception. They will draw from observation and are encouraged to create original designs and to use their imaginations. Students are also exposed to the many career paths in today's art world! Effort and participation will bring success in this course. No previous experience is required.

The **Information Technology 8** component of Creative Arts 8 is designed to provide students with the fundamental knowledge, skills and attitudes to use information technology tools in all areas of their learning. Students will:

- Cover a wide range of applications including both productivity and cloud-based software
- Explore new media trends and get hands-on with emerging technologies
- Communicate ideas and information using a variety of media
- Carry out fundamental digital photography enhancements

Supplemental Fee: \$10.00

VISUAL ARTS 10: GENERAL	MVAG-10	55219
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This course continues the study of design fundamentals which are the foundation of all forms of art. It is intended to provide students with a basic understanding of art and art processes. Students will work in a wide range of media including drawing and painting, pottery, printmaking, sculpture, etc. In addition, methods of art history, analysis and criticism will be part of the course with notes and quizzes. Independent research, review and homework are expected requirements. A 9" x 12" sketchbook is required.

Supplemental Fee: \$15.00

ART FOUNDATIONS 11	MAF--11	55301
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Art Foundations 11 is a comprehensive course that offers students a wide range of artistic experiences in both 2D and 3D visual arts. Students will create a variety of 2D and 3D images in the areas of drawing, painting, ceramics, sculpture, commercial art, fabric art and printmaking. The course will be tailored to the needs and interests of enrolled students. The supplemental course fee includes art materials such as charcoal and conte, pen and inks, tempera, acrylic and watercolor paints, printing inks, clay and glazes. Pre-requisite: Art 10 or instructor permission.

Supplemental Fee: \$25.00

ART FOUNDATIONS 12	MAF--12	55401
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Art Foundations 12 provides opportunities for students to build on the art skills and knowledge that students were exposed to in AF11. Students will create and respond to images at a more sophisticated level, while developing their craftsmanship in the areas of drawing, printmaking, ceramics, commercial art and sculpture. After an initial review of materials and processes, students have the opportunity to develop personal projects. The supplemental course fee includes art materials such as charcoal and conte, pen and inks, tempera, acrylic and watercolour paints, printing inks, clay and glazes. Pre-requisite: Art 10 or instructor permission.

Supplemental Fee: \$25.00

STUDIO ARTS 11: PRINTMAKING/GRAPHIC DES.	MSAPG11	55328
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STUDIO ARTS 12: PRINTMAKING/GRAPHIC DES.	MSAPG12	55426
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In this course students solve design problems related to both actual and hypothetical projects. Traditional commercial design techniques and mediums will be explored to develop posters, restaurant menus, murals, card designs, packaging design, brochures, logos and fashion illustration. Students will also work on design projects for the school or community. Printmaking will include linocut, monoprints and intaglio. Digital media such as Photoshop and Illustrator combined with traditional rendering techniques such as marker, pen and ink and paint will also be used.

Supplemental Fee: \$25.00

VISUAL ARTS: MEDIA ARTS 11 (PHOTOGRAPHY 11)	MVAMT11	55333
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Photography 11 is an introductory course in digital photography, Photoshop and black and white photography for students with no previous experience in photography. Photo composition techniques, design elements and principles will be used to create personally meaningful images. Basic skills using Photoshop to enhance digital images will be explored extensively. An introduction to the history of photography and important figures in photography will be part of the course. Students will also learn to process and print black and white film, toning of prints and basic darkroom manipulation techniques. Supplemental course fee covers inkjet prints of digital projects, photochemicals, negative sleeves, B&W films, matting supplies and photo paper. A 35mm SLR camera is required. An added feature to the course is that 3 Media 11/12 students are selected each year to participate in the Artist's for Kids Fashion Photography program as featured in the North Shore News.

Supplemental Fee: \$50.00

VISUAL ARTS: MEDIA ARTS 12 (PHOTOGRAPHY 12)	MVAMT12	55432
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Students build upon technical skills and artistic imagery learned in Media 11. Students will continue to upgrade their technical skills using Photoshop's more advanced features and enhance their ability to explore the creative aspects of photography. Students will explore macro-photography, photomontage and basic studio photography skills. Grade 12 students with no previous experience in photography may take Media 12 with permission. Supplemental course fee covers inkjet prints of digital projects, photo chemicals, negative sleeves, B&W films, matting supplies and photo paper. A 35mm SLR camera is required. An added feature to the course is that 3 Media 11/12 students are selected each year to participate in the Artist's for Kids Fashion Photography program as featured in the North Shore News.

Supplemental Fee: \$50.00

SUPPORT PROGRAMS & OTHER PROGRAM OPTIONS

Students are placed into the following programs in consultation with the student's grade counsellor and grade administrator.

BA BRITISH COLUMBIA CULTURE 10	YESFL0A	90206
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The aim of Studies in British Columbian Cultures (BCCS) 10 is to introduce ESL students to the culture of modern Canada and British Columbia. Students will study the beliefs, expectations and values of Canadians while focusing on the local culture and landscape of British Columbia. Students will broaden their knowledge of the four essential English skills necessary for active citizenship: reading, writing, listening and speaking as they examine Canadian culture.

CHOICES

Choices is an intervention currently in place in all six mainstream secondary schools in North Vancouver. The purpose of Choices is to support students with social, emotional and behavioral issues. These students need assistance to recognize, understand, and create strategies to overcome these issues that have caused barriers to learning. They are still a part of their school community, engaging in academic and social activities that fit their learning needs, while having the opportunity to connect to teachers, support workers and counsellors who are able to adapt their program without having to exit them to an alternate program. Choices is an intervention, with the ultimate goal of having students maintain their educational experience at their regular mainstream high school. The key component of Choices is the partnership with the regular classroom teachers, grade counsellors, district counsellors, parents and community to collaborate, create and maintain a program of support for students.

BA CULTURAL TOURISM 12	YAES-2B--2	95429
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Cultural Tourism 12 is a **2 credit course** which takes students on an educational tour to a foreign country. The trip is a "living" classroom, offering incredible opportunities to discover and explore new countries, customs and cultures. In the past, tours included Italy and Greece. This course is ideal for foreign language, history or literature students. "The Cultural Tours", are designed to maximize educational and cultural exposure. Potential destinations include Italy and Obu Japan. Windsor teaching staff accompanies the students, assuring a constant connection between the sites visited and subjects studied in the classroom. Along with the teachers, there will be an experienced, professional multi-lingual Tour Escort who will accompany the travelers throughout their tour, providing full-time guidance and assistance. The course is taught outside of class time, often at lunch breaks. An independent application process will need to be completed before students may be considered for this course.

Fees: Travel costs vary year to year

ENGLISH LANGUAGE LEARNER 8, 9, 10, 11, 12 (GRADE 12 - SUPPORT ONLY)

Windsor Secondary has a system of support for students who are designated as ELL according to the B.C. Ministry of Education. Once designated, all ELL students (Direct and Indirect) receive an Instructional Plan designed to meet their individual needs. Students who are directly supported receive instruction from an ELL specialist, while those who are indirectly supported meet weekly with the ELL specialist and have their regular classroom progress monitored and documented in collaboration with the regular classroom teacher. The amount of direct ELL instruction provided for the student, and the expectations for regular class inclusion, depends primarily upon the student's assessed level of English Language Proficiency in the areas of reading, writing, listening and speaking.

FIRST NATIONS SUPPORT 8	XAT--08FNS	50002
FIRST NATIONS SUPPORT 9	XAT--09FNS	50102
BA ABORIGINAL STUDIES 10	YAES-0A	50203
BA ABORIGINAL STUDIES 11	YAES-1A	50302
BA ABORIGINAL STUDIES 12	YAES-2A	50404

Aboriginal Studies is a cultural and literary exploration designed to integrate Aboriginal content into the curriculum. The Aboriginal course at Windsor is a result of direct input from Windsor students.

There are three elements to this course:

- Literature pertinent to First Nations issues and students
- Cultural exploration into First Nations art, heritage and customs
- A support period for homework in other subject areas

The reading focus of this course is part of the district's plan to improve the success rate of Aboriginal students.

BA LANGUAGE STRATEGIES 10	YESFL0B	90207
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The aim of Language Strategies 10 is to enable students to learn strategies and extend skills in the four main language areas of reading, writing, listening and speaking. It focuses on providing students with opportunities to acquire and practice the strategies necessary for successful reading, research, and writing across the curriculum. ESL Students completing this course will be able to move onto English 10.

BA LANGUAGE STRATEGIES 11	YESFL1B-2	90310
BA LANGUAGE STRATEGIES 12	YESFL2B-2	90405

The aim of Language Strategies 11/12 is to enable students to learn strategies and extend skills in the four main language areas of reading, writing, listening and speaking. It focuses on extending the strategies and skills needed to communicate across all curricula. This course is meant for ESL students currently enrolled in English 10, 11 or 12.

LEARNING CENTRE 8, 9		
APPLICATIONS FOR LEARNING 10, 11, 12		

In addition to monitoring progress and providing advocacy, **Learning Centre** offers one or more support blocks for assistance with organizational skills, learning strategies and study techniques for mainstream assignments/tests.

Applications for Learning is a 4 credit course that can be applied towards high school graduation. It is not a homework block, but rather a course where students learn the skills to become self-advocates for their learning, acquire specific study skills, advance and maintain time management/ organizational skills and receive monitoring and support across all academic subject areas. Placement is recommended by the School Based Resource Team and implemented only after parental approval. Prior to being placed in Applications for Learning a student needs to have had other interventions including but not limited to differentiated curriculum/assessment/instruction, appropriate adaptations, and consultation with subject teachers during tutorial times.

BA NEW BEGINNINGS 11	YESFL1A	90306
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This course is for INTERNATIONAL STUDENTS ONLY - The course is designed to help prepare new International Students to be academically successful in the Canadian school system and to live happily and independently in Canadian society. Through students' active participation, this course will help them to tap into useful resources. It will also help students to improve their personal and cultural identity, to increase their awareness of multi-culturalism and to develop an appreciation of the Canadian culture.

RESOURCE ROOM GRADES 8-12	XAT--00-LS	
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The needs of students who are multi-challenged are addressed by the Windsor Resource Room Program. The ideal of mainstream integration is pursued to the extent that it is consistent with the individual student's learning profile. Resource Room services are maintained until graduation. Placement occurs only after District Screening and parental approval.

Supplemental Fee: \$30.00

EXTRA CURRICULAR ACTIVITIES

SPORTS

Windsor offers a comprehensive athletic program for all grades. Involvement in curricular sports complements a student's overall school program. All sports are financially self-sufficient; therefore parents whose child is selected for a sport will receive a letter on the breakdown of the cost associated with the sport. We hope that the athletic program can offer a worthwhile experience to your child's Grade 8 year.

Fall

- Cross Country Running
- Field Hockey
- Football
- Mountain Biking
- Rugby (Junior)
- Soccer (Boys)
- Swimming
- Volleyball

Winter

- Basketball
- Gymnastics
- Wrestling

Spring

- Golf
- Badminton
- Rugby (Senior)
- Soccer (Girls)
- Tennis
- Track & Field
- Ultimate Frisbee

CLUBS & ACTIVITIES

Activities offered may vary from year to year and may include:

- Ambassador's Club
- Best Buddies
- Chess Club
- District Student Leadership Council
- Green Club
- Interact Club (Service & Community Club)
- Roadie Club
- Student Council
- Yearbook

SECONDARY SCHOOL ENHANCED PROGRAM OPPORTUNITIES 2016-2017

For descriptions on the following:

- Academies
 - Artists for Kids Studio Art Academy (at Carson Graham Secondary)
 - Basketball Academy (scheduled at Parkgate Community Center or Mountainside Secondary)
 - Dance Academy (at Windsor Secondary)
 - Digital Media Academy (at Argyle Secondary)
 - Field Hockey Academy (at Sutherland Secondary)
 - Hockey Skills Academy (at Windsor Secondary)
 - Soccer Academy (at Windsor Secondary)
 - Volleyball Academy (at Sutherland & Mountainside Secondary)
- Culinary Arts Program (at Carson Graham Secondary)
- International Baccalaureate (IB) (at Carson Graham Secondary)
- Outdoor School
- Peak Performance
- Summer Programs

Please go to:

<http://www.sd44.ca/ProgramsServices/Academies/Pages/default.aspx>



WINDSOR SCHOOL TIMETABLE

WEEK 1							WEEK 2						
Monday	Tuesday	Wednesday	Thursday	Friday	Monday	Tuesday	Wednesday	Thursday	Friday				
AM Class	AM Class	AM Class	AM Class	AM Class	AM Class	AM Class	AM Class	AM Class	AM Class				
1	5	2	6	3	7	1	5	2	6				
					8:30								
					9:50								
					15 Minute Morning Break								
2	6	3	7	1	5	2	6	3	7				
					10:05								
					11:25								
					Class Change								
3	7	1	5	2	6	3	7	1	5				
					11:30								
					12:50								
					Lunch Break 12:50 - 1:40								
4	8	4	8	4	8	4	8	4	8				
					1:40								
					3:00								
PM Class	PM Class	PM Class	PM Class	PM Class	PM Class	PM Class	PM Class	PM Class	PM Class				