

# St. Joan of Arc Catholic Secondary School

## Grade 9 Course Calendar and Reference Guide 2012-2013





**St. Joan of Arc Catholic Secondary School**  
**3801 Thomas St.**  
**Mississauga, Ontario**  
**L5M 7G2**

**Tel: (905) 285 0050**  
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Website:  
**[www.dpcdsb.org/joana](http://www.dpcdsb.org/joana)**

Principal:  
**M. O'Grady**

Vice-Principal:  
**D. Danis**  
**J. Pratt**

Family of Schools:  
**Mississauga North**

Family Superintendent:  
**D. Oude-Reimerink**

Trustees:  
**S. Hobin**  
**E. O'Toole**

Chaplain:  
**M. Glavine**

Student Population:  
**1307**

### Highlights:

- ❖ State of the art facilities for Science, Technology, Visual and Performing Arts, and all subject areas;
- ❖ Specialty High Skills Majors in Information & Computer Technology as well as Hospitality & Tourism;
- ❖ 45 classrooms equipped with SMART Boards for enhance pedagogical opportunities;
- ❖ Over 30% of the student population consistently achieve honour roll status;
- ❖ University linked scientific based research student involvement in the field of Biotechnology;
- ❖ 7 focused areas in Technological Studies including Communication Technology, Robotics, Green Industries/ Horticulture, and a designated Hospitality Pathway Program;
- ❖ Dedicated community outreach program: VOICE – Venturing Out in Christ's Eyes;
- ❖ Strong athletic program in bantam, junior, senior and varsity teams;
- ❖ Commanding Visual and Performing Arts program including award winning concert bands and choirs, drama and musical productions, and notable visual artistic creations.

### More about St. Joan of Arc CSS:

- ❖ St. Joan of Arc Catholic Secondary School was founded in 2004. We are the third high school in Mississauga to be in partnership with the City of Mississauga. We share a community library and community centre with the City of Mississauga.
- ❖ We are proud to be named after a young person who exemplified incredible courage, commitment and confidence in her faith. St. Joan of Arc was martyred at the young age of 19 because of her steadfastness and belief in her faith and her actions. As a community, we strive to embody this courage and belief through the teachings of Jesus Christ. Our school motto "Courage to Believe" connects us to the spirit of St. Joan of Arc and to the potential that exists for every student who enrolls at this school.
- ❖ At St. Joan of Arc we are committed to ensuring that each student establishes a personal connection to the school in order to support student success for all.

# *St. Joan of Arc Catholic Secondary School*

*Est 2004*

## *Mission Statement*

*The mission of the St. Joan of Arc Catholic Secondary School community is to:*

- Be a faith-centered, inviting, interactive, collaborative, safe community dedicated to excellence in teaching and learning*
- Communicate and model a Catholic Faith that gives witness to the teachings of Jesus Christ*
- Commit to ensuring students establish a personal connection to the school*
- Encourage students to develop values, skills, and confidence necessary in becoming life long learners*
- Embody enthusiasm, pride, and respect as individuals and as members of a larger diverse community.*
- Value the contribution of students, staff, parents, the parish, and community at large*

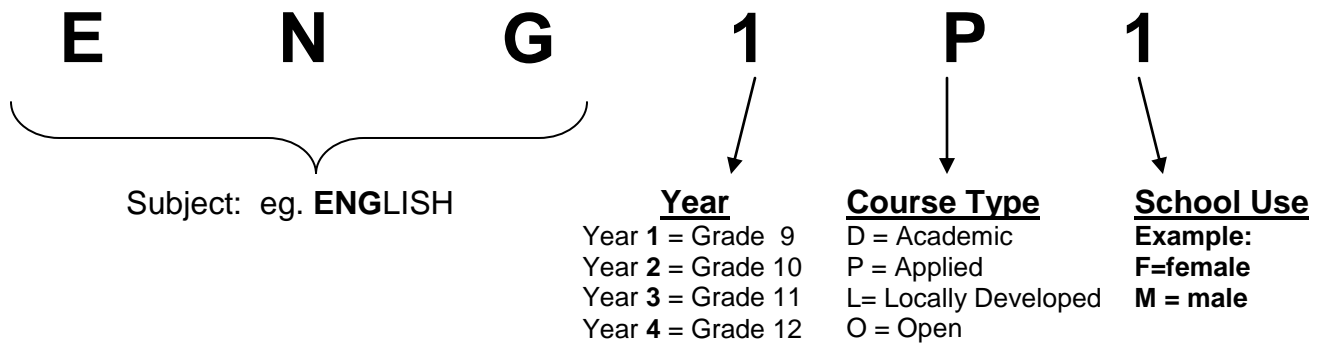
*As a teenager, St. Joan of Arc exemplified incredible courage, spirit, commitment, and confidence in her faith and in her actions. These characteristics are reflected in words spoken by St. Joan of Arc "I fear nothing, for God is with me," and, in our school motto:*

***“COURAGE TO BELIEVE”***

# Welcome to High School

St. Joan of Arc Catholic Secondary School is a semestered school. Students in Grade 9 will take four courses in Semester 1 from September through January and four different courses from February through June. It is important to consider all the options before selecting courses for the upcoming year.

## Understanding Course Codes



## GRADE 9 COMPULSORY COURSES

There are seven compulsory subjects in Grade 9:

<p><b>1. Religious Education</b> HRE101</p>	<p><b>5. Healthy Active Living</b> PPL1OF PPL1OM</p>
<p><b>2. Geography of Canada</b> CGC1D1 CGC1P1</p>	<p><b>6. Mathematics</b> MPM1D1 MFM1P1 MAT1L1</p>
<p><b>3. English</b> ENG1D1 ENG1P1 ENG1L1 ESL – levels A, B, C, D and E</p>	<p><b>7. Science</b> SNC1D1 SNC1P1 SNC1L1</p>
<p><b>4. French</b> FSF1D1 FSF1P1</p>	

# **COMPULSORY COURSE DESCRIPTIONS**

## **Religious Education: Be With Me, Grade 9, Open**

**HRE101**

This course invites students to a deeper understanding of both the joy and the demands of following in the way of Christ and living out the call to discipleship as it is described in the Scriptures. Using the Beatitudes as a touchstone, students examine the attitudes and actions that characterize the Christian life. Students will explore a variety of topics related to the themes of personhood, interpersonal relationships and sexuality. They are encouraged to understand and nurture within themselves the virtues which will enable them to deepen their relationship with God in and through Christ in the context of a Spirit-filled community.

**Prerequisite:** none

## **English, Grade 9, Academic**

**ENG1D1**

This course is designed to develop the oral communication, reading, writing, and media literacy skills that students need for success in their secondary school academic programs and in their daily lives. Students will analyse literary texts from contemporary and historical periods, interpret informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on the use of strategies that contribute to effective communication. The course is intended to prepare students for the Grade 10 academic English course, which leads to university or college preparation courses in Grades 11 and 12.

**Prerequisite:** none

## **English, Grade 9, Applied**

**ENG1P1**

This course is designed to develop the key oral communication, reading, writing, and media literacy skills students need for success in secondary school and daily life. Students will read, interpret, and create a variety of informational, literary, and graphic texts. An important focus will be on identifying and using appropriate strategies and processes to improve students' comprehension of texts and to help them communicate clearly and effectively. The course is intended to prepare students for the Grade 10 applied English course, which leads to college or workplace preparation courses in Grades 11 and 12.

**Prerequisite:** none

## **English, Grade 9, Locally Developed Compulsory Credit**

**ENG1L1**

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the Grade 10 Locally Developed Compulsory Credit Course. The course is organized into strands that develop listening and talking skills, reading and viewing skills, and writing skills. In all strands, the focus is on developing foundational literacy skills and on using language clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

**Prerequisite:** none

**English as a Second Language ESL Level 1, Open****ESLAO**

This course builds on students' previous education and language knowledge to introduce them to the English language and help them adjust to the diversity in their new environment. Students will use beginning English language skills in listening, speaking, reading, and writing for everyday and essential academic purposes. They will engage in short conversations using basic English language structures and simple sentence patterns; read short adapted texts; and write phrases and short sentences. The course also provides students with the knowledge and skills they need to begin to adapt to their new lives in Canada.

**English as a Second Language ESL Level 2, Open****ESLBO**

This course extends students' listening, speaking, reading, and writing skills in English for everyday and academic purposes. Students will participate in conversations in structured situations on a variety of familiar and new topics; read a variety of texts designed or adapted for English language learners; expand their knowledge of English grammatical structures and sentence patterns; and link English sentences to compose paragraphs. The course also supports students' continuing adaptation to the Ontario school system by expanding their knowledge of diversity in their new province and country.

**English as a Second Language ESL Level 3, Open****ESLCO**

This course further extends students' skills in listening, speaking, reading, and writing in English for a variety of everyday and academic purposes. Students will make short classroom oral presentations; read a variety of adapted and original texts in English; and write using a variety of text forms. As well, students will expand their academic vocabulary and their study skills to facilitate their transition to the mainstream school program. This course also introduces students to the rights and responsibilities inherent in Canadian citizenship, and to a variety of current Canadian issues.

**English as a Second Language ESL Level 4, Open****ESLDO**

This course prepares students to use English with increasing fluency and accuracy in classroom and social situations and to participate in Canadian society as informed citizens. Students will develop the oral-presentation, reading, and writing skills required for success in all school subjects. They will extend listening and speaking skills through participation in discussions and seminars; study and interpret a variety of grade-level texts; write narratives, articles, and summaries in English; and respond critically to a variety of print and media texts.

**English as a Second Language ESL Level 5, Open****ESLEO**

This course provides students with the skills and strategies they need to make the transition to college and university preparation courses in English and other secondary school disciplines. Students will be encouraged to develop independence in a range of academic tasks. They will participate in debates and lead classroom workshops; read and interpret literary works and academic texts; write essays, narratives, and reports; and apply a range of learning strategies and research skills effectively. Students will further develop their ability to respond critically to print and media texts.

**Core French, Grade 9, Academic****FSF1D1**

This course emphasizes the further development of oral communication, reading, and writing skills. Students will build on and apply their knowledge of French while exploring a variety of themes, such as relationships, social trends, and careers. Thematic readings, which include a selection of short stories, articles, and poems, will serve as stepping stones to oral and written activities.

**Prerequisite:** none

**Core French, Grade 9, Applied****FSF1P1**

This course emphasizes the concurrent development of oral communication, reading, and writing skills, using a broad-based theme such as the media. Students will enhance their ability to understand and speak French through conversations, discussions, and presentations. They will also read short stories, articles, poems, and songs, and write brief descriptions, letters, dialogues, and invitations.

**Prerequisite:** none

**Geography of Canada, Grade 9, Academic****CGC1D1**

This course explores Canada's distinct and changing character and the geographic systems and relationships that shape it. Students will investigate the interactions of natural and human systems within Canada, as well as Canada's economic, cultural, and environmental connections to other countries. Students will use a variety of geotechnologies and inquiry and communication methods to analyse and evaluate geographic issues and present their findings.

**Prerequisite:** none**Geography of Canada, Grade 9, Applied****CGC1P1**

This course focuses on geographic issues that affect Canadians today. Students will draw on personal and everyday experiences as they learn about Canada's distinct and changing character and the natural and human systems and global influences that shape the country. Students will use a variety of geotechnologies and inquiry and communication methods to examine practical geographic questions and communicate their findings.

**Prerequisite:** none**Healthy Active Living Education, Grade 9, Open****PPL1OF-females/PPL1OM-males**

This course emphasizes regular participation in a variety of enjoyable physical activities that promote lifelong healthy active living. Students will learn movement skills and principles, ways to improve personal fitness and physical competence, and safety and injury prevention. They will investigate issues related to healthy sexuality and the use and abuse of alcohol, tobacco, and other drugs, and will participate in activities designed to develop goal-setting, communication, and social skills. There will be an additional fee for this course.

**Prerequisite:** none**Principles of Mathematics, Grade 9, Academic****MPM1D1**

This course enables students to develop an understanding of mathematical concepts related to algebra, analytic geometry, and measurement and geometry through investigation, the effective use of technology, and abstract reasoning. Students will investigate relationships, which they will then generalize as equations of lines, and will determine the connections between different representations of a linear relation. They will also explore relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will reason mathematically and communicate their thinking as they solve multi-step problems.

**Prerequisite:** none**Foundations of Mathematics, Grade 9, Applied****MF1P1**

This course enables students to develop an understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relations, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional figures and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

**Prerequisite:** none**Mathematics, Grade 9, Locally Developed Compulsory Credit****MAT1L1**

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, and in the Grade 10 Locally Developed Compulsory Credit Course. The course is organized in three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving skills and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

**Prerequisite:** none

**Science, Grade 9, Academic****SNC1D1**

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to relate science to technology, society, and the environment. Throughout the course, students will develop their skills in the processes of scientific investigation. Students will acquire an understanding of scientific theories and conduct investigations related to sustainable ecosystems; atomic and molecular structures and the properties of elements and compounds; the study of the universe and its properties and components; and the principles of electricity.

**Prerequisite:** none**Science, Grade 9, Applied****SNC1P1**

This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

**Prerequisite:** none**Science, Grade 9, Locally Developed Compulsory Credit****SNC1L1**

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking, and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace, and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics, including science in daily life, properties of common materials, life-sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

**Prerequisite:** none

## **ELECTIVE COURSE DESCRIPTIONS**

**Students in grade 9 will choose one of the following elective courses:**

***Instrumental Music, Visual Arts, Information and Communication Technology in Business, Learning Strategies, or Exploring Technologies***

**Music, Instrumental, Grade 9, Open****AMI1O**

This course emphasizes the creation and performance of music at a level consistent with previous experience and is aimed at developing technique, sensitivity, and imagination. Students will develop musical literacy skills by using the creative and critical analysis processes in composition, performance, and a range of reflective and analytical activities. Students will develop an understanding of the conventions and elements of music and of safe practices related to music, and will develop a variety of skills transferable to other areas of their life. This course focuses on learning to play a concert band instrument and the student will be required to participate in the Junior Band. There will be an additional fee for this course.

**Prerequisite:** none**Visual Arts, Grade 9, Open****AVI1O**

. This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principles of design and the expressive qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context. No previous drawing experience is required. There will be an additional fee for this course.

**Prerequisite:** none

**Information and Communication Technology in Business, Grade 10, Open****BTT10**

This course introduces students to information and communication technology in a business environment and builds a foundation of digital literacy skills necessary for success in a technologically driven society. Students will develop word processing, spreadsheet, database, desktop publishing, presentation software, and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research and communication skills, and current issues related to the impact of information and communication technology.

**Prerequisite:** none

**Learning Strategies 1: Skills for Success in Secondary School, Grade 9, Open****GLS10**

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal-management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.

**Prerequisite:** none

**Learning Strategies 1: Skills for Success in Secondary School, Grade 9, Open****GLE10**

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal-management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond. Students will acquire important skills in using assistive technology software such as *Kurzweil*, *Inspiration*, and *Write Out Loud*.

**Prerequisite:** Recommendation of principal (for students with an IEP)

**Exploring Technologies, Grade 9, Open**

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields.

**Students may choose one of the following two combinations:** Transportation and Construction Technologies **or** Green Industries and Hairstyling & Aesthetics.

**Exploring Technologies (Transportation AND Construction Technologies), Grade 9, Open****TIJ10C**

The **Exploring Transportation Technology** component introduces students to concepts and skills related to transportation technology, which encompasses the maintenance, servicing, and repair of various types of vehicles, aircraft, and/or watercraft.

The **Exploring Construction Technology** component introduces students to concepts and skills which encompasses plumbing, electrical and network wiring, masonry, heating/cooling, carpentry, and woodworking.

**Prerequisite: None**

**Exploring Technologies (Green Industries AND Hairstyling & Aesthetics), Grade 9, Open****TIJ10H**

The **Exploring Green Industries** component introduces students to concepts and skills related to the green industries – agriculture, forestry, horticulture, floristry, greenhouse management, and landscaping. In this course there will be strong emphasis on floral arrangements & horticultural greenhouse practices to compliment the design and implementation of display settings for special events, occasion and celebrations. The **Exploring Hairstyling and Aesthetics** course introduces students to concepts and skills related to hairstyling and aesthetics, including hair, nail, and skin care applications.

**Prerequisite: None**

## Course Planning Chart 2012-2013

Year 1 (Grade 9)	Year 2 (Grade 10)	Year 3 (Grade 11)	Year 4 (Grade 12)	Year 5
RELIGION	RELIGION	RELIGION	RELIGION	
ENGLISH	ENGLISH	ENGLISH	ENGLISH	
MATHEMATICS	MATHEMATICS	MATHEMATICS		
SCIENCE	SCIENCE			
CAN. GEOGRAPHY	CAN. HISTORY			
FRENCH	CIVICS /CAREER			
HEALTH & PHYSICAL ED				

### Additional compulsory courses to be added

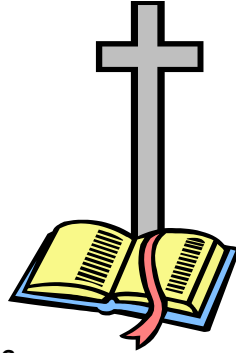
- 1 **Arts** credit (dramatic arts, media arts, music, *or* visual arts)
- 1 **Group 1** credit: an *additional* credit in English, *or* French as a second language, *or* a Native language, *or* a classical *or* an international language, *or* social sciences & the humanities, *or* Canadian & world studies *or* guidance and career education *or* cooperative education
- 1 **Group 2** credit: an additional credit in health & physical education, *or* the arts, *or* business studies, *or* French as a second language, *or* cooperative education
- 1 **Group 3** credit: an additional credit in science (Grade 11 *or* 12), *or* technological education *or* French as a second language, *or* computer studies, *or* cooperative education

**Note:**

- A maximum of 3 credits in English as a second language may be counted towards the 4 compulsory English, but the fourth must be a credit earned for a Grade 12 compulsory English course.
- A maximum of 2 credits in French as a second language can count as compulsory (one for group 1 and one for either group 2 *or* group 3).
- A maximum of 2 credits in cooperative education can count as compulsory credits.



Biotech  
 Chamber Choir  
 Chess Club  
 Concert Choir  
 Dance Club  
 Debating Club  
 D.E.C.A  
 Drama Club  
 Environmental Club  
 Fashion Club  
 Graduation Prom Committee  
 Junior Concert Band  
 Intermediate Concert Band  
 Senior Concert Band  
 Math Competitions



Multicultural Evening  
 Programming Contests  
 Robotics  
 S.T.E.P - Peer Tutoring Club  
 School Play  
 Skills Canada Competition  
 S.O.F.A. - Society of Fine Artists  
 Sound & Light Club  
 Student Council  
 Talent Show  
 Tuck Shop  
 V.O.I.C.E - Venturing Out in Christ's Eyes  
 X-Awards  
 Yearbook



## Sports

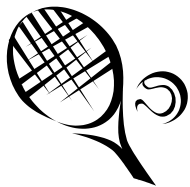


Dance Crew  
 Fencing  
 Ski & Snowboarding Club  
 Spirit Squad  
 Weight Training Club  
 Yoga



Basketball - girls  
 Cross Country - co-ed  
 Golf - co-ed  
 Football - boys  
 Flag Football - girls  
 Tennis - co-ed  
 Volleyball - boys

Badminton - co-ed  
 Baseball  
 Soccer - boys  
 Soccer - girls  
 Special Event Bocce  
 Special Event Track & Field  
 Track & Field - co-ed



Curling - co-ed  
 Basketball - boys  
 Hockey - boys  
 Table Tennis - co-ed  
 Volleyball - girls



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