

Dryden High School



Scientia Prevalebit ~ Knowledge Will Prevail

Grade 9 Course Calendar 2010-2011

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Grade 9-12 Course Calendars & Guides are available at www.dhseagles.com

ONTARIO SECONDARY SCHOOL DIPLOMA

A total of 30 credits are required for the OSSD.

Students must earn the following 18 compulsory credits:

4 credits	in English (1 credit per grade)*
3 credits	in mathematics (1 credit in Grade 11 or 12)
2 credits	in Science
1 credit	in Canadian history
1 credit	in Canadian geography
1 credit	in the arts
1 credit	in health and physical education
1 credit	in French as a second language
.5 credit	in career studies
.5 credit	in civics
1 credit	<i>Group 1:</i> additional credit English, or French as a second language, or a Native language, or a classical or an international language, or social sciences and the humanities, or Canadian and world studies, or guidance and career education, or cooperative education**
1 credit	<i>Group 2:</i> additional credit in health and physical education, or the arts, or business studies, or cooperative education**
1 credit	<i>Group 3:</i> additional credit in science (Grade 11 or 12), or technological education, or computer studies, or cooperative education**

Students must earn 12 optional credits selected from those in the course calendar***

+40 hours of community involvement activities (volunteer hours)

+The provincial literacy requirement (completed in Grade 10)

*A maximum of 3 credits in English as a second language (ESL) or English literacy development (ELD) may be counted towards the 4 compulsory credits in English, but the fourth must be a credit earned for a Grade 12 compulsory English course.

**A maximum of 2 credits in cooperative education can count as compulsory credits.

***The 12 optional credits may include up to 4 credits earned through approved dual credit course.

40 HOURS OF COMMUNITY INVOLVEMENT (Volunteer Hours)

Students are responsible for locating and completing 40 hours of community involvement activities. The accumulation of hours does not begin until the first day of grade 9. Be sure to check with the guidance office that your volunteer site is approved. Upon completion, it is advised to make a photocopy of your form before submitting it to the guidance office. Forms can be found in the guidance office and the main office.

COURSE TYPES/LEVELS

Academic Courses (D) focus on essential concepts of the discipline and explore related concepts. They develop students' knowledge and skills by emphasizing theoretical, abstract applications of concepts and incorporating practical applications.

Applied Courses (P) focus on the essential concepts of the discipline, but develop students' knowledge and skills by emphasizing practical, concrete applications of these concepts and incorporating theoretical applications as appropriate. Academic and applied courses differ in the balance between essential concepts and additional material, and in the balance between theory and applications.

Open Courses (O) have one set of expectations for the discipline, appropriate for all students in a given grade. These courses are designed to prepare students for further study in certain subjects and to enrich their education.

Essential Courses (L) have been designed to meet the educational needs of students whose skills in reading, writing, mathematics and science fall within the grade 4-7 range. In order to develop essential skills in these areas, the Ministry of Education has approved the use of grade 9 and 10 locally-developed compulsory courses in each of the following subjects: English, Mathematics, grade 9 Science, and grade 10 History. Students will have the opportunity to select essential courses that meet their needs. Each student's strengths and needs will determine appropriate pathways through secondary school and in the school-to-work transition.

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ARTS – DRAMA ~ MUSIC ~ VISUAL ARTS

Grade 9, Drama, Open (One Credit)

ADA 100

This course provides opportunities for students to explore dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyse drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

What will I be doing in this course?

The focus of this course is to familiarize yourself with the stage, performance, and elements of theatre. Through playing familiarization games and skill building games you will gain a basic understanding of theatre, becoming comfortable with your classmates and the stage. You will be introduced to the production staff needed in professional theatre. You will learn basic elements that create good drama, such as positioning, blocking, levels, movement, and voice. You will create many scenes and participate in an improvisation unit. You will also be expected to do some scripted scene work, which will include memorizing the scene, and presenting it.

Grade 9, Instrumental Music, Open (One Credit)

AMU 100

AMI 10F (Fine Arts Students)

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.

What will I be doing in this course?

I will learn how to play or improve on a concert band instrument through the use of the elements of music like rhythm and harmony. I will learn about musical history and develop critical listening skills through watching live and recorded performances. I will learn about the building blocks of a musical production by learning how to promote, set up and perform. Every student will perform in AT LEAST one major concert.

Grade 9, Visual Arts, Open (One Credit)

AVI 100

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.

What will I be doing in this course?

I will study the basic language of art through the elements of art which are line, shape, form, value, colour, texture and space. I will apply the principles of design to a variety of subject matters in art, such as landscapes, portraits, and abstracts. I will create different projects including drawings, paintings, prints and sculptures. I will be learning about characteristics of different periods in art history.

BUSINESS

Grade 9, Introduction to Business, Open (One Credit)

BBI 100

This course introduces students to the world of business, including the concepts, functions, and skills required for meeting the challenges of operating a business in the twenty-first century on a local, national, and/or international scale. Students will also learn concepts and skills related to personal finance, entrepreneurship, and international business.

What will I be doing in this course?

Students will be involved in business related activities throughout their lives. Students will study how business relates to their lives on a daily basis, including topics such as marketing, accounting, personal finance, and information technology. Students will also come away with vital skills that will be essential to their success in the business world and throughout their lives such as communication skills, teamwork skills, management skills and organizational skills.

Grade 9, Introduction to Information Technology in Business, Open (One Credit)

BTT 100

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 web site 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.

What will I be doing in this course?

Students will learn how to use Microsoft's Word, PowerPoint, Publisher, Excel and Access software for educational and business purposes. The internet will be used to research a variety of business topics. Students will learn the fundamentals of retail web site design and development. Other products that will be used are Macromedia Dreamweaver, Adobe Photoshop, Macromedia Flash (website animation).

ENGLISH

Grade 9, English, Academic (One Credit)

ENG 1D0

This course emphasizes analytic reading, writing, oral communication, and thinking skills that students need for success in secondary school academic programs and their daily lives. Students will study and interpret texts from contemporary and historical periods, including plays, short stories, and short essays, and will investigate and create media works. An important focus will be the correct and effective use of spoken and written language.

Grade 9, English, Applied (One Credit)

ENG 1P0

This course emphasizes key reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. Students will study plays, short stories, and newspaper and magazine articles, and will describe and create media works. An important focus will be the correct use of spoken and written language.

Grade 9, English, Essential (One Credit)

ENG 1L0

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace, and in the English Grade 11 Workplace Preparation course. The course is organized by 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 in 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.

FRENCH

Grade 9, Core French, Academic (One Credit)

FSF 1D0

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.

Grade 9, Core French, Applied (One Credit)

FSF 1P0

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.

FRENCH IMMERSION

Grade 9, French Immersion, Academic (One Credit)

FIF 1D1

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.

Grade 9, Healthy Active Living Education (Immersion), Open (One Credit)

PPL 10I

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.

What will I be doing in this course?

Students will participate in a wide range of team and individual games with an emphasis on being active. Evaluations stressing participation and positive peer interaction are emphasized rather than skill level.

Grade 9, Geography of Canada (Immersion), Academic (One Credit)

CGD 1D1

This course draws on a variety of frameworks, such as the ecozone framework, and principles of physical, human, and economic geography, to explore Canada's distinct and evolving character. Students will investigate the interconnections among the landforms, climate, soils, plants, animals, and human activities in Canadian ecozones to develop geographic knowledge and skills that contribute to an understanding of Canada's diversity and its role in the world.

Four Year Plan for Immersion Student Entering Grade 9 2010 (subject to change)

French Immersion certificate requirements (total of 10 credits):

- **All four of** FIF 1D1, FIF 2D1, FIF 3UI, and FIF 4UI
- **Six of** PPL 10I/20I, CGC 1D1, CHC 2D1, CIVCFI, HIF 20I, PPL 30I/40I, COOP F

2010-11	2011-12	2012-13	2013-14
Grade 9	Grade 10	Grade 11	Grade 12
FIF 1D1	FIF 2D1	FIF 3UI	FIF 4UI
PPL 10I	CHC 2D1	GLC20I *	COOP (1 or 2 credits)**
CGC 1D1	FIF 20I	CHV 20I*	

*CHV 20I and GLC 20I are ½ credit courses

**Students can take COOP earlier than grade 12 if they wish.

GEOGRAPHY

Grade 9, Geography of Canada, Academic (One Credit)

CGC 1D0

This course draws on a variety of frameworks, such as the ecozone framework, and principles of physical, human, and economic geography, to explore Canada's distinct and evolving character. Students will investigate the interconnections among the landforms, climate, soils, plants, animals, and human activities in Canadian ecozones to develop geographic knowledge and skills that contribute to an understanding of Canada's diversity and its role in the world.

Grade 9, Geography of Canada, Applied (One Credit)

CGC 1P0

This course draws upon students' everyday experiences and uses a variety of frameworks, including the ecozone framework, to help students learn about the geography of Canada and the country's place in the global community. Students will investigate the interconnections among the country's land forms, climates, soils, plants, animals, and human activities in order to understand Canada's character and diversity.

HEALTH AND PHYSICAL EDUCATION

Grade 9, Healthy Active Living Education, Open (One Credit)

PPL 10G (girls)/PPL 10B (boys)

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.

What will I be doing in this course?

Students will participate in a wide range of team and individual games with an emphasis on being active. Evaluations stressing participation and positive peer interaction are emphasized rather than skill level.

HISTORY

Grade 10, Canadian History in the Twentieth Century, Essential (One Credit)

CHC 2L0

This course focuses on the connections between the student and key people, events and themes in Canadian contemporary studies. Students prepare for grade 11 Canadian and World Studies Workplace Preparation courses through the development and extension of historical literacy skills and critical thinking skills. Students explore a variety of topics highlighting individuals and events that have contributed to the story of Canada. The major themes of Canadian identity, internal and external relationships and changes since 1914, are explored through guided investigation. Students have the opportunity to extend analytical skills with a focus on identifying and interpreting events and perspectives and making connections. Students practice reading, writing, visual, and oral literacy skills to identify and communicate ideas in a variety of media.

MATHEMATICS

Grade 9, Principles of Mathematics, Academic (One Credit)

MPM 1D0

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.

Grade 9, Foundations of Mathematics, Applied (One Credit)

MFM 1P0

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.

MATHEMATICS Continued

Grade 9, Foundations of Mathematics, Essential (One Credit)

MAT 1L0

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 course. This 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.

NATIVE LANGUAGE AND STUDIES

Grade 9, Ojibwe Language, Level 1, Open (One Credit)

LNO A00

This course is open to the entire student body and will allow students who have no prior Native language experience to develop an appreciation for a Native language and culture, to explore and experience a unique world view, and to learn to speak a Native language. Students will use the language being studied for greetings and daily routines, become familiar with its writing and sound system, and practice basic vocabulary and phrases. Students will also use information technology during course-related activities.

Grade 9, Expressing Aboriginal Cultures, Open (One Credit)

NAC 100

***NAC 100 can be used to meet the compulsory credit requirement for the arts.**

This course examines Aboriginal cultures in Canada through an exploration of art forms – painting, sculpture, storytelling, dance, and music – created by Aboriginal artists. Students will learn to identify Aboriginal art forms and describe relationships between the art forms and Aboriginal traditions, philosophy, and culture. Students will also create their own art forms to express their understanding of Aboriginal identity, relationships, and sovereignty.

SCIENCE

Grade 9, Science, Academic (One Credit)

SNC 1D0

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.

Grade 9, Science, Applied (One Credit)

SNC 1P0

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.

Grade 9, Science, Essential (One Credit)

SNC 1L0

This course reinforces and strengthens science related knowledge and skills like inquiry, literacy, math and critical thinking. Students discover relationships between science, society and the environment through hands on learning. This course will prepare students for success in everyday life, in the workplace and for future science courses. Topics covered are science in daily life, properties of material, life sustaining processes in organisms, and electrical circuits.

SOCIAL SCIENCES AND HUMANITIES

Grade 9, Food and Nutrition, Open (One Credit)

HFN 100

This course explores the factors that affect attitudes and decisions about food, examines current issues of body image and food marketing, and is grounded in the scientific study of nutrition. Students will learn how to make informed food choices and how to prepare foods, and will investigate our Canadian food heritage and food industries, as well as global food issues. The course also introduces students to research skills related to food and nutrition.

What will I be doing in this course?

Beginning with the practical recognition of various kitchen tools, you will learn to not only identify these tools but you will also learn the proper technique of using each. Through the preparation of a variety of recipes, you will learn how to read and adjust recipes, how to create your own recipes and best of all enjoy the “fruit of your labour”. This is a hands-on course with real-life labs. The practical aspect of this course will prepare you for eventually living on your own. Not only will you learn to cook and bake but you will also learn about budgeting and setting yourself up in an apartment. All aspects of this course will prepare you for life after Dryden High School.

TECHNOLOGY

Grade 9, Exploring Technologies, Open (One Credit)

TIJ 100

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.

What will I be doing in this course?

Each student will learn, step by step, the machinery used in a woodworking shop with emphasis on safety and proper user techniques. In this hands-on course, each student will build a small project while using machines and hand tools such as the table saw, drill press, planer, jointer, miter saw, router and band saw. Additional projects are created with metal, again with the focus on safety and proper use of machines.