DUNDAS VALLEY SECONDARY SCHOOL

GRADE 9 COURSE PLANNER
2020 – 2021

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Find more information about DVSS:

Internet: http://schools.hwdsb.on.ca/dundasvalley or http://hwdsb.on.ca

Twitter: @Dundas_ValleySS - main school @DVSSathletics – sports
@dundassecschool - daily announcements @DVSSLC – Learning Commons
@dundassecondary - Student Council

Diploma Requirements

The following requirements must be successfully completed in order to obtain an Ontario Secondary School Diploma (O.S.S.D.):

1) 30 credits including 18 compulsory credits and 12 optional credits;
2) 40 hours community involvement;
3) successful completion of the Ontario Secondary School Literacy Test (O.S.S.L.T.) in grade 10 or the OLC4O1 (Literacy course).

Compulsory Credits

- 4 credits in English (1 credit per grade)
- 3 credits in mathematics (1 at the senior level)
- 2 credits in science
- 1 credit in French
- 1 credit in Canadian geography (grade 9)
- 1 credit in Canadian history (grade 10)
- 1 credit in the arts (visual arts/music/drama)
- 1 credit in health & physical education
- 0.5 credit in civics
- 0.5 credit in career studies
- Group 1 (G1) – one 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
- Group 2 (G2) – one additional credit in health & physical education, or the arts, or business studies, or French as a second language, or cooperative education
- Group 3 (G3) – one 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 *two* credits in cooperative education can count as compulsory credits.

In Groups G1, G2 and G3, a maximum of *two* credits in French as a second language can count as compulsory credits: one from Group 1 and one from either Group 2 or Group 3.

English, mathematics and science are offered in three types of courses: **Academic (D), Applied (P)** and **Locally Developed (L). Academic courses (D)** emphasize theory and abstract thinking for university pathways; **Applied courses (P)** focus on practical applications for college/apprenticeship pathways. **Locally Developed courses (L)** must be recommended by an elementary teacher. **Open courses (O)** lead to all pathways. **Enriched (E)** mathematics and English are for students who are identified with the "gifted" exceptionality, students who are interested in pursuing the IB stream in grades 11 and 12, and/or students who enjoy inquiry-based learning to deepen understanding of ideas.

Grade Nine Course Descriptions

**** These courses are offered as an e-Learning option. Students who take e-Learning courses must be independent learners who are prepared to read a lot of material online and take the initiative to work independently online many hours per week. Students will not be assigned to a classroom, but may work in the library, cafeteria or guidance office with some indirect supervision. Students should have a history of Excellent Learning Skills on successive elementary report cards.***

COMPULSORY COURSES

ENGLISH - ENG1D1 (Academic)* This course emphasizes the analytical reading, writing, oral communication and thinking skills that students need for success in the secondary school academic programs and their daily lives. Students will study and interpret texts from contemporary and historical periods, including short stories, poems 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.

ENGLISH - ENG1D1E (Academic Enriched) This course covers the same curriculum expectations as ENG1D1 Grade 9 English, Academic. The assessments and evaluations are comparable to those in ENG1D1. Class material is presented such that students can also explore and investigate extensions to the English curriculum content. This course may be well-suited for students who have a passion for English, who are identified with the "gifted" exceptionality, students who are interested in pursuing the IB stream in grades 11 and 12 and/or students who enjoy inquiry-based learning to develop a deeper understanding of big ideas. Credit granted on the final student transcript is ENG1D1.

ENGLISH - ENG1P1 (Applied)* 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, contemporary articles and will describe and create media works. An important focus will be the correct use of spoken and written language.

ENGLISH - ENG1L1 (Locally Developed) This course provides foundational literacy and communication skills to prepare students for success in their daily lives and in the workplace. Students will develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing and thinking, while regularly reflecting upon their growth in these areas.

FRENCH - FSF1D1 (Academic)* This course provides opportunities for students to communicate and interact in French with a focus on familiar topics related to their daily lives. Students will also enhance their understanding and appreciation of diverse French-speaking communities, and will develop the skills necessary to become life-long language learners.

FRENCH - FSF1P1 (Applied)* This course provides opportunities for students to communicate and interact in French on everyday topics and to apply their knowledge of French in everyday situations using practical applications and concrete examples. They will also enhance their understanding and appreciation of diverse French-speaking communities.

FRENCH - FSF1O1 (Open) This is an introductory course for students who have little or no knowledge of French or who have not accumulated the minimum of 600 hours of elementary Core French instruction. Students will begin to understand and speak French in guided and structured interactive settings, and will develop fundamental skills in listening, speaking, reading, and writing through discussing issues and situations that are relevant to their daily lives.

GEOGRAPHY - CGC1D1 (Academic)* This course examines relationships within and between Canada's natural and human systems and how these systems connect with those in other parts of the world. Students will explore environmental, economic, and social geographic issues relating to topics such as transportation options, energy choices, and urban development.

GEOGRAPHY - CGC1P1 (Applied)* This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore a range of issues, including food

and water supplies, competing land uses, interactions with the natural environment and develop their awareness of how issues that affect their lives are connected with issues in other parts of the world.

MATHEMATICS - MPM1D1 (Academic)* This course enables students to develop generalizations of mathematical ideas through exploration of applications, the effective use of technology and abstract reasoning. Students will investigate relationships to develop equations of straight lines in analytic geometry, explore relationships between volume and surface area of objects in measurement, and apply extended algebraic skills in problem solving. Students will engage in abstract extensions of core learning that will deepen their mathematical knowledge and enrich their understanding.

MATHEMATICS - MPM1D1E (Academic Enriched) This course will cover the same curriculum expectations as MPM1D1. The assessments and evaluations are comparable to those in MPM1D1. Class material is presented such that students will also explore and investigate extensions to the Mathematics curriculum content covered in class. This course may be well-suited for students who have a passion for Mathematics, who are identified with the "gifted" exceptionality, students who are interested in pursuing the IB stream in grades 11 and 12 and/or students who enjoy inquiry-based learning to develop a deeper understanding of big ideas. The credit granted on the final student transcript is MPM1D1.

MATHEMATICS - MFM1P1 (Applied)* This course enables students to develop mathematical ideas and abstract reasoning through exploration of applications, the effective use of technology and extended experiences with hands-on activities. Students will investigate relationships of straight lines in analytic geometry, solve problems involving measurement of 3-dimensional objects and 2-dimensional figures, and apply key numeric and algebraic skills in problem solving. Students will also have opportunities to consolidate core skills and deepen their understanding of key mathematical concepts.

MATHEMATICS - MAT1L1 (Locally Developed) This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives and in the workplace. Students have opportunities to further develop their mathematical literacy and problem-solving skills while developing their skills in reading, writing, and oral language through relevant and practical math activities.

SCIENCE - SNC1D1 (Academic)*This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, 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.

SCIENCE - SNC1P1 (Applied)* This course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, 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, static and current electricity.

SCIENCE - SNC1L1 (Locally Developed) 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, while preparing students for success in everyday life and in the workplace. 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.

PHYS. ED. - PPL1O1F (female) / PPL1O1M (male) Healthy Active Living (Open) OR/AND
PAF1O1F (female) / PAF1O1M (male) Healthy Living and Personal and Fitness Activities

This course equips students with the knowledge and skills they need to make healthy choices now and lead healthy, active lives in the future. Through participation in a wide range of physical activities, students develop knowledge and skills related to movement competence and personal fitness that provide a foundation for active living. Students also acquire an understanding of the factors and skills that contribute to healthy development and learn how their own well-being is affected by, and affects, the world around them. Students build their sense of self, learn to interact positively with others, and develop their ability to think critically and creatively.
(Select either PPL1O1 OR PAF1O1 for your compulsory PE; a second gym would be an option).

OPTIONAL COURSES

ART – AVI1O1 (Open) This course offers 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 through working with a range of materials, processes, techniques and styles. They will learn and use methods of analysis and criticism, and will study the characteristics of particular historical periods, a selection of Canadian art and the art of other cultures.

BASKETBALL – PAL1O1 (Open) This basketball course emphasizes individual skills, goal setting, rules, team concepts, mentoring, coaching, fitness and healthy living. This program is partnered with Basketball Canada to develop a LTAD-based Grade 6 to Grade 12 curriculum. PAL1O is open to male and female students of all skill levels.

BUSINESS – BBI1O1 (Open) This course introduces students to the world of business. Students will develop an understanding of the functions of business: accounting, marketing, information technology, human resources, production, and of the importance of ethics and social responsibility. Students will develop entrepreneurial skills and characteristics and will learn the fundamentals of budgeting, saving and investing. This course builds a foundation for further studies in business and helps students develop the business knowledge and skills they will need in their everyday lives.

DRAMA – ADA2O1 (Open) This course provides opportunities for students to explore dramatic forms, conventions, and techniques. Students will explore a variety of dramatic sources from various cultures and representing a range of genres. Students will use the elements of drama in creating and communicating through dramatic works. Students will assume responsibility for decisions made in the creative and collaborative processes and will reflect on their experiences.

EXPLORING TECHNOLOGY – TIJ1O1 (Open) This project-based course enables students to further explore and develop technological knowledge and skills. Students will 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 explore pathways leading to careers in technology-related fields.

GERMAN - LWGBD1 (Academic – Level 2) This course enables students to develop competence in listening, speaking, reading, and writing in German. Students will explore aspects of culture in regions of the world where the language is spoken.

EXPLORING FAMILY STUDIES – HIF1O1 (Open)* This course explores the challenges people face: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will explore the functioning of families and use research skills for topics related to individual and family needs.

INFORMATION & COMMUNICATION TECHNOLOGY – BTT1O1 (Open)* 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, and presentation software and website design skills. Throughout the course, there is an emphasis on digital literacy, effective electronic research, communication skills, and current issues related to the impact of information and communication technology.

MUSIC – AMI1O1 (Open) This course emphasizes the performance of music at a level that strikes a balance between challenge and skill and is aimed at developing technique, sensitivity and imagination. Students will participate in creative activities that teach them to listen with understanding. They will also learn and use correct musical terminology. Students may also select **AMR1O1 Music – Repertoire** in addition to AMI1O1. This credit is for "band," occurring two to three mornings a week for a full year at 7:00 a.m. *Repertoire is a 9th credit for grade 9's.*

SPANISH – LWSBD1 (Academic - Level 2) This course enables students to develop competence in listening, speaking, reading, and writing in Spanish. Students will explore aspects of culture in regions of the world where the language is spoken.