



2018 - 2019

GRADE 9 COURSE CALENDAR

GRAND RIVER COLLEGIATE INSTITUTE

175 Indian Road Kitchener ON N2B 2S7 TEL 519-576-5100 FAX: 519-576-3564 <http://grc.wrdsb.ca>

AT GRAND RIVER COLLEGIATE WE VALUE RESPECT RESILIENCE RESPONSIBILITY

THE ONTARIO SECONDARY SCHOOL DIPLOMA

In order to earn an Ontario Secondary School Diploma a student must:

- earn 30 credits (18 compulsory and 12 optional credits),
- complete 40 hours of community involvement activities,
- meet the provincial secondary school literacy diploma requirement through successful completion of either the Ontario Secondary School Literacy Test or the Ontario Secondary School Literacy Course.

Credit Requirements

Compulsory Credits:

Students must earn the following 18 compulsory credits in order to obtain the Ontario Secondary School Diploma:

- 4 credits in English (1 credit per grade)*
- 3 credits in mathematics (at least 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
- 0.5 credit in career studies
- 0.5 credit in civics

Plus one credit from each of the following groups:

- Group 1: 1 additional credit in 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***
- Group 2: 1 additional credit in health and physical education, or the arts, or business studies, or French as a second language** or cooperative education***
- Group 3: 1 additional credit in science (Grade 11 or 12) or technological education or French as a second language,** or computer studies,** cooperative education, ***

*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.

**In groups 1, 2, and 3, a maximum of 2 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.

***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 courses.

Optional Credits:

In addition to the compulsory credits, students must earn 12 optional credits selected from the common course calendar.

Community Involvement Requirements and Procedures

Every student must complete 40 hours of community involvement.

Steps to Take

1. Select volunteer activities. For direct assistance contact:
 - Kitchener Volunteer Action Centre (742-8610)
<http://www.volunteerkw.ca/>
 - Cambridge Volunteer Bureau (623-0423)
2. In consultation with parents, contact the person or organization where you plan to volunteer.
3. Ensure that signatures from parents, sponsors, and the total number of hours are on the Activity Tracking Form. Completed forms are brought to the guidance office to be recorded.

To determine which high school a student should attend check the school finder website at: www.stswr.ca

The GRCI course calendar can be found at: <http://grcicoursecalendar.weebly.com/>

Once a student is attending Grand River Collegiate they will be able to access an electronic version of the provincial diploma requirements through MyWay.



GRADE NINE COURSE DESCRIPTIONS – Optional – OPEN LEVEL COURSES

THE ARTS

ADA10I

Dramatic Arts, Grade 9, Open

This course emphasizes the active exploration of dramatic forms and techniques, using material from a wide range of authors, genres and cultures. Students will construct, discuss, perform and analyze drama and then reflect on their experiences to develop an understanding of themselves, the art form, and the world around them.

AMI10I

Band (experienced), Instrumental Music, Grade 9, 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 will teach them to listen with understanding. They will also learn correct musical terminology and its appropriate use. Students will perform as a class and in small groups and will be encouraged to participate in an extra-curricular ensemble.

Students continue to study on the band instrument begun in grade 7-8.

AMI10X

Band (beginner) Instrumental Music, Grade 9, Open

This course focuses on music/band for beginners and 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 correct musical terminology and its appropriate use. Students will perform as a class and in small groups and will be encouraged to participate in an extra-curricular ensemble.

Students are integrated with experienced students as they become more proficient on their instrument. Class evaluations are differentiated.

AMS10I

Strings (experienced), Instrumental Music Grade 9, 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 correct musical terminology and its appropriate use. Students will perform as a class and in small groups and will be encouraged to participate in an extra-curricular ensemble.

Students continue to study their chosen string instrument from grade 7-8. This course is also open to students who have had other prior string experience.

ALC10B

Integrated Arts, Grade 9, Fast Forward

This Fast Forward course combines an exploration of dramatic forms and techniques with music styles and instruments. Students will learn the basics of playing world drums, keyboard and guitar, which will prepare them to enrol in keyboard or guitar classes in Grade 10. Through listening and the study of various artists and composers, students will gain an understanding of how music expresses meaning and emotions.

AV110I

Visual Arts, Grade 9, 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 style. They will learn and use methods of analysis and criticism, and will study the characteristics of particular historical art periods, a selection of Canadian art and art of other cultures.

BUSINESS STUDIES

BB110I

Introduction to Business, Grade 9, Open,

This course introduces students to the world of business. Students will develop an understanding of the functions of business, including accounting, marketing, information technology, human resources, and production, and of the importance of ethics and social responsibility. 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.

BTT10B

Information & Communication Technology in Business, grade 9, Fast Forward

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.

HEALTH & PHYSICAL EDUCATION

PPL10X

Healthy Active Living Education (Females) Grade 9, Open

This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote life long healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness, physical competence and safety/injury-prevention strategies. 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.

A Health and Physical education course has been selected for Fast Forward students. (PPL10G)

PPL10Y

Healthy Active Living Education (Males) Grade 9, Open

This course emphasizes students' daily participation in a variety of enjoyable physical activities that promote life long healthy active living. Students will learn movement techniques and principles, ways to improve personal fitness and physical competence and safety/injury-prevention strategies. 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.

A Health and Physical education course has been selected for Fast Forward students. (PPL10B)

SOCIAL SCIENCES AND HUMANITIES

HFN10I

Food and Nutrition, Grade 9, Open

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. There is an emphasis on practical, hands-on cooking skills in this course.

Students who have the HFN10I credit may not take the HFN20I course for credit.

• \$10 Course Enhancement fee applies

SPECIAL EDUCATION

GLE10I

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

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. *This is a 1.0 credit course in grade 9 for students with an IEP. Candidates must be recommended by student's current teacher.*

A Learning Strategies course has been selected for Fast Forward students (GLS10B).

TECHNOLOGICAL EDUCATION

TIJ10I

Exploring Technologies, Grade 9, Open

This course enables students to explore and develop technological knowledge and skills with an emphasis on Manufacturing Technology, Transportation Technology, and Construction Technology programs. Students will be given the opportunity to rotate through the three different learning environments, design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment and processes 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.

TEJ10I

Exploring Computer Technologies, Grade 9, Open

This course enables students to explore and develop technological knowledge and skills with an emphasis on Computer Engineering, Technical Design and Communication Technologies programs. Students will be given the opportunity to rotate through three different learning environments including but not limited to aspects of electronics, coding, robotics, audio, video, print, graphic communication, design, modelling, prototyping and fabrication. 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.

GENERAL COURSE INFORMATION

Definition of a Credit

A credit is recognition of the successful completion of a course for which a minimum of 110 hours is scheduled. A credit is granted to a student by the principal of a secondary school on behalf of the Minister of Education.

Definitions of Types of Courses

Four types of courses are offered in grade 9 and 10:

- **Academic** courses emphasize theory and abstract problems.
- **Applied** courses focus on practical applications and concrete examples.
- **Open** courses are designed to prepare students for further study in certain subjects and to enrich their education generally.
- **Locally Developed (Essential)** courses are designed for students entering the World of Work after High School.

Course Coding System

The course code consists of a course title and a six-character code: The first five characters are designated by the Ministry of Education and Training. The sixth character is determined by the Waterloo Region District School Board.

Code Characters	Explanation	Example - ENG 1 D I
1st, 2nd, and 3rd	Subject discipline of the course in letters	"ENG" English
4th	Grade level as a number * (see below) *1" grade 9 *3" grade 11 *2" grade 10 *4" grade 12	"1" grade 9 or first year
5th	Type of course as a letter ** (see below) "D" Academic "P" Applied "L" Compulsory Locally Developed	"D" Academic course
6th	Board designated character that indicates credit value or may be used to differentiate between courses with similar codes	"I" 1 credit

Additional Costs

In some courses there will be course enhancements such as student workbooks, materials and certain off-campus activities. Where the school has been able to determine these costs they are indicated in the course description section. There may be a charge made for field trips in any course to cover the cost of transportation and/or admission.

GENERAL GRADE NINE PROGRAM INFORMATION

Students in grade nine will take a program of eight courses: five compulsory and three elective.

Compulsory Courses

Canadian and World Studies (Geography)

Choose academic, applied, or extended

CGC1DF - Extended French

CGC1DI - Academic

CGC1PI - Applied

English

Choose academic, applied

ENG1DI - Academic

ENG1PI - Applied

French

Choose academic, applied or extended

FEF1DF - Extended French

FSF1DI - Academic

FSF1PI - Applied

Mathematics

Choose academic, applied

MPM1DI - Academic

MPM1PI - Applied

Science

Choose academic, applied

SNC1PI - Applied

SNC1DI - Academic

Elective Courses

ADA1OI - Dramatic Arts

AMI1OI - Instrumental Music - Band (experienced)

AMI1OX - Instrumental Music - Band (beginner)

AMS1OI - Instrumental Music - Strings (experienced)

AVI1OI - Visual Arts

BBI1OI - Introduction to Business

GLE1OI - Learning Strategies 1 (student must have an IEP)

HFN1OI - Food and Nutrition

PPL1OY - Healthy Active Living (males) *

PPL1OX - Healthy Active Living (females) *

TIJ1OI - Exploring Technologies

TEJ1OI - Exploring Computer Technology

* highly recommended

The Fast Forward Program includes four assigned electives: Physical Education, Business, Integrated Arts, and Learning Strategies.

Please note this is a board magnet program that has an application process.

ENG1LI - English

MAT1LI - Mathematics

SNC1LI - Science

CGC1PB - Geography

ALC1OB - Integrated Arts

BTT1OB - Information and Communication Technology in Business

PPL1OB - Healthy Active Living (males)

PPL1OG - Healthy Active Living (females)

GLS1OB - Learning Strategies

Please Note:

It is extremely important to select the correct course type (level) of study now because it is very difficult and in most cases impossible to change course types (levels) after the start of the school year. For example, do not select an academic course to see if you can do it with the expectation that if it doesn't work you will be able to change to an applied course later in the semester.

GRADE NINE COURSE DESCRIPTIONS – Required Courses

CANADIAN AND WORLD STUDIES

CGC1DI

Canadian Geography, Grade 9, Academic

This course examines interrelationships within and between Canada's natural and human systems and how these systems interconnect 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. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate various geographic issues and to develop possible approaches for making Canada a more sustainable place to live.

CGC1DF

Canadian Geography, Grade 9, Academic

See description above.

This course is offered with French as the language of instruction.

CGC1PI

Canadian Geography, Grade 9, 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, and interactions with the natural environment, developing their awareness that issues that affect their lives are interconnected with issues in other parts of the world. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate choices related to sustainable living in Canada.

CGC1PB

Geography of Canada, Grade 9, Applied Locally Developed Course

This course emphasizes development of geographic inquiry skills along with attitudes toward people, places, and issues occurring in Canada and around the world. Students will learn about the Canadian landscape, the rich cultural profile of the country, resources, wildlife, and natural disasters. Literacy and an examination of issues occurring around the world are discussed. This course is for students enrolled in the Fast Forward Program.

ENGLISH

ENG1DI

English, Grade 9, Academic

This course emphasizes analytical reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. Students will study and interpret texts including a novel, a play, short stories and essays from contemporary and historical periods, and will investigate and create media works. This course is designed to prepare students for the university pathway.

ENG1LI

Essential English, Grade 9, Locally Developed Course

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 Essential English course. The course is organized by strands that develop listening and talking skills, reading and viewing skills, as well as 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 will develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking. This course is for students enrolled in the Fast Forward Program.

ENG1PI

English, Grade 9, 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, newspaper and magazine articles, and will describe and create media works. This course is designed to prepare students to enter the college pathway.

FRENCH AS A SECOND LANGUAGE

FEF1DI

Extended French, Grade 9, Academic

This course provides opportunities for students to speak and interact in French in a variety of real-life and personally relevant contexts. Students will continue to use language-learning strategies introduced in the elementary Immersion French program for life-long language learning. They will develop their creative and critical thinking skills, through independently responding to and interacting with a variety of oral and written texts, and will continue to enhance their understanding and appreciation of diverse French-speaking communities.

FSF1DI

Core French, Grade 9, Academic

This course provides opportunities for students to communicate and interact in French with increasing independence, with a focus on familiar topics related to their daily lives. Students will continue to develop language skills introduced in the elementary Core French program for life-long language learning. In addition, they will enhance their understanding and appreciation of diverse French-speaking communities.

FSF1PI

Core French, Grade 9, Applied

This course provides opportunities for students to communicate and interact in French in structured situations on everyday topics. Students will continue to develop language skills introduced in the elementary Core French program for life-long language learning. Students will use creative and critical thinking skills to apply their knowledge through practical applications and concrete examples. In addition, they will enhance their understanding and appreciation of diverse French-speaking communities.

MATHEMATICS

MPM1DI

Principles of Mathematics, Grade 9, 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.

MF1PI

Foundations of Mathematics, Grade 9, Applied

This course enables students to develop mathematical ideas and abstract reasoning through explorations 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 the 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.

MAT1LI

Essential Mathematics, Grade 9, Locally Developed Course

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 LDCC course, and in the Mathematics Grade 11 and Grade 12 Work-place Preparation courses. The course is organized by 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. This course is for students enrolled in the Fast Forward Program.

SCIENCE

SNC1DI

Science, Grade 9, Academic

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.

SNC1PI

Science, Grade 9, Applied

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.

SNC1LI

Essential Science Grade 9, Locally Developed Course

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. Topics include 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. This course is for students enrolled in the Fast Forward Program.