

# Grand River Collegiate Institute

## 2018-2019 COURSE OFFERINGS (Grades 9-12)

- This is a listing of all courses offered at GRCI for the 2018-2019 school year. For individual course descriptions, prerequisites and subject flow charts **consult the Grand River Course Calendar Webpage** <http://grcicoursecalendar.weebly.com>
- Update your Individual Pathway Plan using [www.careercruising.com](http://www.careercruising.com) . See your Guidance Counsellor for log in information and instructions.
- **RESEARCH AND CHOOSE YOUR COURSES CAREFULLY. Course changes will not be guaranteed or promised given the staffing and timetabling constraints in the school structure. Enrollment numbers determine course offerings.**  
The number of courses required for each grade level is as follows:
 

<b>Grade 9</b> (0 credits earned to date) = minimum 8 credits	<b>Grade 11</b> (16 credits earned to date) = minimum 7 credits	
<b>Grade 10</b> (8 credits earned to date) = minimum 8 credits	<b>Grade 12</b> (23 credits earned to date) = minimum 7 credits	
- The 34 credit threshold places a limitation on funding and not on participation by students in courses. Students will not be limited from taking more than 34 credits and will not be charged a fee for any of their additional credits: however, additional courses may need to be completed through alternative programs such as night school or summer school. In the event of course and/or facility space, priority will be given to those students entering the course(s) for the first time.

### Arts (Dramatic Arts, Music, Visual Arts)

Grade 9	Grade 11	Grade 12
<b>ADA10I</b> Drama, Open <b>AMI10I</b> Instrumental Music: Band (experienced), Open <b>AMI10X</b> Instrumental Music: Band (beginner), Open <b>AMS10I</b> Instrumental Music: Strings (experienced), Open <b>AVI10I</b> Visual Arts, Open  <b>Grade 10</b> <b>ADA20I</b> Dramatic Arts, Open <b>AMG20I</b> Guitar Music, Open <b>AMI20I</b> Instrumental Music: Band, Open <b>AMK20I</b> Keyboard Music, Open <b>AMS20I</b> Instrumental Music: Strings, Open <b>AMV20I</b> Music: Vocal, Open <b>AVI20I</b> Visual Arts, Open	<b>ADA3MI*</b> Drama, University/College <b>ADA3OI</b> Drama, Open <b>AMG3OI*</b> Guitar Music, Open <b>AMI3MI*</b> Instrumental Music, University/College <b>AMK3OI*</b> Keyboard Music, Open <b>AMS3MI*</b> Instrumental Music: Strings, University/College <b>AMV3MI*</b> Music: Vocal, University/College <b>AVI3MI*</b> Visual Arts, University/College <b>AWQ3OI</b> Photography	<b>ADA4MI*</b> Drama, University/College <b>AMI4MI*</b> Instrumental Music, University/College <b>AMS4MI*</b> Instrumental Music: Strings, University/College <b>AMV4MI*</b> Music: Vocal, University/College <b>AVI4MI*</b> Visual Arts, University/College

### Business Studies

<i>A student may take a maximum of one BTT course for credit.</i>		
Grade 9	Grade 11	Grade 12
<b>BTT10I</b> Information & Communication Technology in Business, Open  <b>Grade 10</b> <b>BBI20I</b> Introduction to Business, Open <b>BTT20I</b> Information & Communication Technology in Business, Open	<b>BAF3MI</b> Financial Accounting Fundamentals, University/College <b>BBI3CI</b> Entrepreneurship: The Venture, College <b>BMI3CI</b> Marketing: Goods, Services and Events, College	<b>BAT4MI*</b> Financial Accounting Principles, University/College <b>BBB4MI*</b> International Business Fundamentals, University/College <b>BOH4MI*</b> Business Leadership: Management Fundamentals, University/College

### Canadian and World Studies

Grade 9	Grade 11	Grade 12
<u><b>Geography</b></u> <b>CGC1DI</b> Geography of Canada, Academic <b>CGC1PI</b> Geography of Canada, Applied  <u><b>History</b></u> <b>CHC2DI</b> Canadian History Since World War I, Academic <b>CHC2PI</b> Canadian History Since World War I, Applied <b>CHV2OH</b> Civics and Citizenship, Open (0.5 credit)	<u><b>Geography</b></u> <b>CGF3MI*</b> Forces of Nature : Physical Processes and Disasters, University/College <b>CGG3OI*</b> Travel and Tourism: A Regional Geographic Perspective, Open  <u><b>History</b></u> <b>CHW3MI*</b> World History: to the Fifteenth Century, University/College <b>NDA3MI*</b> Current Aboriginal Issues in Canada, University/College <b>CHG331*</b> Genocide and Crimes Against Humanity, Open  <u><b>Law</b></u> <b>CLU3MI*</b> Understanding Canadian Law, University/College	<u><b>Geography</b></u> <b>CGR4EI</b> Living in a Sustainable World <b>CGW4UI*</b> World Issues: A Geographic Analysis, University  <u><b>History</b></u> <b>CHM4EI*</b> Adventures in World History, Workplace <b>CHY4CI*</b> World History: Since the Fifteenth Century, College <b>CHY4UI*</b> World History Since the Fifteenth Century, University <b>NDW4MI*</b> Issues of Indigenous Peoples in Global Context, University/College  <u><b>Law</b></u> <b>CLN4UI*</b> Canadian and International Law, University  <u><b>Economics</b></u> <b>CIA4UM*</b> Analyzing Current Economic Issues, University

## Classical Studies and International Languages

<b>Grade 10</b> LWSBDI Spanish, Academic	<b>Grade 11</b> LWSCUI* Spanish, University
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## Computer Studies

<b>Grade 10</b> ICS2OI Introduction to Computer Studies, Open	<b>Grade 11</b> ICS3UI Introduction to Computer Science, University	<b>Grade 12</b> ICS4UI* Computer Science, University
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## Co-operative Education / Dual Credits

<b>CO-OP</b> COOP2C (2 credits) COOP4C (4 credits)	<b>Y Credits</b> YCULIN Culinary (Cooking) Fundamentals YBRICK Brick and Masonry Fundamentals YMECHA Mechanical (Plumbing and Heating) Applications	<b>O Credits (OYAP)</b> OYECED Early Childhood Education OYTRUC Truck and Coach Technician OYAUTO Auto Service Technician OYCOOK Cook OYMETL Tool Maker/General Machinist
<p><b>CO-OP Education</b> is available to grade 11 and 12 students. Placements are available in a wide range of fields related to current and future areas of study. An application must accompany your CO-OP or OYAP selection. See your guidance counsellor for an application. Approval must be obtained via interview with CO-OP teacher/coordinator.</p> <p><b>Dual Credits</b> are offered in cooperation with Conestoga College. Please see your guidance counselor for further information.</p>		

## English

<b>Grade 9</b> ENG1DI English, Academic ENG1PI English, Applied  <b>Grade 10</b> ENG2DI* English, Academic ENG2PI* English, Applied	<b>Grade 11</b> ENG3CI* English, College ENG3EI* English, Workplace ENG3UI* English, University	<b>Grade 12</b> ENG4CI* English, College ENG4EI* English, Workplace ENG4UI* English, University ETS4CI* Studies in Literature, College EWC4UI* The Writer's Craft, University OLC4OI* Ontario Secondary School Literacy Course, Open
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## Fast Forward

*Fast Forward courses are designed to meet the needs of students who are enrolled in the Fast Forward program in consultation with GRCI staff.*

<b>Grade 9 Core Compulsory</b> ENG1LI Essential English MAT1LI Essential Math SNC1LI Essential Science BTT1OB Information and Communication Technology in Business GLS1OB Learning Strategies 1: Skills for Success in Secondary School ALC1OB Integrated Arts CGC1OB Canadian Geography PPL1OB Healthy Active Living Education (male) PPL1OG Healthy Active Living Education (female)	<b>Grade 10 Core Compulsory</b> ENG2LI* Essential English MAT2LI* Essential Math SNC2LI* Essential Science CHC2LI Canadian History CHV2OB Civics and Citizenship GLC2OB Career Studies HFN2OB Food and Nutrition  <b>Grade 10 Elective Options</b> ADA2OB Dramatic Arts AVI2OB Visual Arts BBI2OB Introduction to Business PAF2OY Personal and Fitness Activities, Power Fit PAF2OX Personal and Fitness Activities, Live Fit PPL2OY Healthy Active Living Education (male) PPL2OX Healthy Active Living Education (female) TCJ2OB Construction Technology TFJ2OB Hospitality and Tourism TMJ2OB Manufacturing Technology	<b>Grade 11 Core Compulsory</b> OLC4OB* Ontario Secondary School Literacy Course MEL3EB* Mathematics for Everyday Life GWL3OB Designing Your Future  <b>Grade 11 Elective Options</b> ADA3OB Drama AWA3OB Crafts HLS3OB Housing and Home Design HPC3OB Raising Healthy Children PPL3OY Healthy Active Living Education (male) PPL3OX Healthy Active Living Education (female) PAF3OY Personal and Fitness Activities, Power Fit PAF3OX Personal and Fitness Activities, Live Fit SVN3EI Environmental Science TCJ3EB Construction Technology TFJ3EB Hospitality and Tourism TMJ3EB Manufacturing Technology TTJ3OB Transportation Technology TWJ3EB Custom Woodworking	<b>Grade 12 Core Compulsory</b> ENG4EI* English HIP4OB Personal Life Management GLN4OB Co-operative Education  <b>Grade 12 Elective Options</b> CGR4EI Living in a Sustainable World CHM4EB* Adventures in World History MEL4EI* Mathematics for Work and Everyday Life PPL4OI Healthy Active Living Education PAF4OI Personal and Fitness Activities TCJ4EB* Construction Technology TFJ4EB* Hospitality and Tourism TMJ4EB* Manufacturing Technology TTJ4EB* Transportation Technology TWJ4EB* Custom Woodworking
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## French as a Second Language

<b>Grade 9</b> CGC1DF Geography of Canada, Academic FEF1DI Extended French, Academic FSF1DI Core French, Academic FSF1PI Core French, Applied	<b>Grade 10</b> CHC2DF Canadian History since World War 1, Academic CHV2OF Civics and Citizenship, Open (0.5 credit) GLC2OF Career Studies, Open (0.5 credit) FEF2DI* Extended French, Academic FSF2DI* Core French, Academic	<b>Grade 11</b> FEF3UI* Extended French, University FSF3UI* Core French, University	<b>Grade 12</b> FEF4UI* Extended French, University FSF4UI* Core French, University
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## Future Forums

### Grade 10

**ENG2DU\*** Future Forum: English, Careers and Civics Package, Academic

**ENG2PU\*** Future Forum: English, Careers and Civics Package, Applied

## Guidance and Career Education

### Grade 10

**GLC20H** Career Studies, Open (0.5 credit)

### Grade 11

**GPP30I** Leadership and Peer Support, Open

## Health and Physical Education

### Grade 9

**PPL10X** Healthy Active Living Education (**female**), Open  
**PPL10Y** Healthy Active Living Education (**male**), Open

### Grade 10

**PAF20X** Personal and Fitness Activities, Live Fit, Open  
**PAF20Y** Personal and Fitness Activities, Power Fit, Open  
**PAL20Y** Group Activities, Hockey focus, Open  
**PPL20X** Healthy Active Living Education (**female**), Open  
**PPL20Y** Healthy Active Living Education (**male**), Open

### Grade 11

**PPL30X** Healthy Active Living Education (**female**), Open  
**PPL30Y** Healthy Active Living Education (**male**), Open  
**PAF30X** Personal and Fitness Activities, Live Fit, Open  
**PAF30Y** Personal and Fitness Activities, Power Fit, Open

### Grade 12

**PPL40I** Healthy Active Living Education, Open  
**PSK4UI\*** Introductory Kinesiology, University  
**PAF40I** Personal and Fitness Activities, Open

## Interdisciplinary Studies

### Grade 11

**IDC30I** Applied Journalism, Yearbook, Open  
**IDC30X** Leadership, Open (Application/Interview required)

### Grade 12

**IDC40I** Applied Journalism, Yearbook, Open  
**IDC40X** Leadership, Open (Application/Interview required)  
**IDC4UI** Applied Journalism, Yearbook, University

## Learning Services

### Grade 9

**GLE10I** Learning Strategies 1: Skills for Success in Secondary School, Open  
(**Student must have an IEP**)

### Grade 10

**GLE20I** Open Learning Strategies 2: Skills for Success in Secondary School, Open  
(**Student must have an IEP**)

### Grade 11

**GLE30I** Advanced Learning Strategies 1: Skills for Success After Secondary School, Open  
(**Student must have an IEP**)

### Grade 12

**GLE40I** Advanced Learning Strategies 2: Skills for Success After Secondary School, Open  
(**Student must have an IEP**)

## Mathematics

### Grade 9

**MFM1PI** Foundations of Mathematics, Applied  
**MPM1DI** Principles of Mathematics, Academic

### Grade 10

**MFM2PI\*** Foundations of Mathematics, Applied  
**MPM2DI\*** Principles of Mathematics, Academic

### Grade 11

**MBF3CI\*** Foundations for College Mathematics, College  
**MCF3MI\*** Functions and Applications, University/College  
**MCR3UI\*** Functions, University  
**MEL3EI\*** Mathematics for Work & Everyday Life, Workplace

### Grade 12

**MAP4CI\*** Foundations for College Mathematics, College  
**MCV4UI\*** Calculus and Vectors, University  
**MDM4UI\*** Mathematics of Data Management, University  
**MEL4EI\*** Mathematics for Work and Everyday Life, Workplace  
**MHF4UI\*** Advanced Functions, University

## Science

### Grade 9

**SNC1DI** Science, Academic  
**SNC1PI** Science, Applied

### Grade 10

**SNC2DI\*** Science, Academic  
**SNC2PI\*** Science, Applied

### Grade 11

**SBI3CI\*** Biology, College  
**SBI3UI\*** Biology, University  
**SCH3UI\*** Chemistry, University  
**SPH3UI\*** Physics, University  
**SVN3EI\*** Science, Workplace

### Grade 12

**SBI4UI\*** Biology, University  
**SCH4CI\*** Chemistry, College  
**SCH4UI\*** Chemistry, University  
**SES4UI\*** Earth and Space Science, University  
**SNC4MI\*** Science, University/College  
**SPH4CI\*** Physics, College  
**SPH4UI\*** Physics, University

## Social Sciences and Humanities

*A student may take a maximum of one HFN course for credit.*

### Grade 9

**HFN10I** Food and Nutrition, Open

### Grade 10

**HFN20I** Food and Nutrition, Open  
**HIF20I** Exploring Family studies, Open

### Grade 11

**HLS30I** Housing and Home Design, Open  
**HPC30I** Raising Healthy Children, Open  
**HPW3CI** Working with Infants and Young Children, College  
**HSP3CI** Introduction to Anthropology, Psychology, Sociology, College  
**HSP3UI\*** Introduction to Anthropology, Psychology, Sociology, University

### Grade 12

**HFA4UI\*** Nutrition and Health, University  
**HIP40I** Personal Life management, Open  
**HHS4CI\*** Families in Canada, College  
**HHS4UI\*** Families in Canada, University  
**HSB4UI\*** Challenge and Change in Society, University

## Technological Education

Grade 9	Grade 11	Grade 12
<b>TIJ1OI</b> Exploring Technologies, Open <b>TEJ1OI</b> Exploring Computer Technologies, Open  <b>Grade 10</b> <b>TCJ2OI</b> Construction Technology, Open <b>TDJ2OI</b> Technological Design, Open <b>TEJ2OI</b> Computer Technology, Open <b>TFJ2OI</b> Hospitality and Tourism, Open <b>TGJ2OI</b> Communications Technology, Open <b>TMJ2OI</b> Manufacturing Technology, Open <b>TTJ2OI</b> Transportation Technology, Open	<b>TCJ3EI</b> Construction Technology, Workplace <b>TDJ3MI</b> Technological Design, University/College <b>TEJ3MI</b> Computer Engineering Technology, University/College <b>TFJ3EI</b> Hospitality and Tourism, Workplace <b>TGJ3MI</b> Communications Technology, University/College <b>TMJ3EI</b> Manufacturing Technology, Workplace <b>TTJ3CI</b> Transportation Technology, College <b>TWJ3EI</b> Custom Woodworking, Workplace	<b>TCJ4EI*</b> Construction Technology, Workplace <b>TDJ4MI*</b> Technological Design, University/College <b>TEJ4MI*</b> Computer Engineering, University/College <b>TFJ4EI*</b> Hospitality and Tourism, Workplace <b>TGJ4MI*</b> Communications Technology, University/College <b>TMJ4EI*</b> Manufacturing Technology, Workplace <b>TTJ4CI*</b> Transportation Technology, College <b>TWJ4EI*</b> Custom Woodworking, Workplace

## e-Learning

### What is e-Learning?

E-Learning is a program delivery model that provides students with an opportunity to earn secondary school credits online. Students must be enrolled in a WRDSB secondary school during the time they are taking the course.

### How do e-Learning courses work? Do I have to be online at a certain time?

The Waterloo Region District School Board e-Learning courses are designed to allow students to attend courses on days and at times that are convenient for them. There are set due dates for assignments and assessments, but students have the flexibility to complete assignments as their daily schedule permits. Regular, consistent attendance is expected.

### Is e-Learning for me?

Students who have been successful in e-Learning typically have the following characteristics:

- Able to work independently
- Highly motivated
- Able to meet deadlines
- Comfortable using computers (saving & printing), the Internet, and e-mail
- Strong written communication skills

For a full listing of e-Learning course options please go to [www.wrdsb.ca/programs/secondary-school-information/e-learning/online-courses/](http://www.wrdsb.ca/programs/secondary-school-information/e-learning/online-courses/)

## SPECIALIST HIGH SKILLS MAJOR

**SHSM** is a ministry-approved specialized program that allows students to focus their learning on a specific economic sector while meeting the requirements to graduate from secondary school. The program also assists in the transition after graduation to apprenticeship training, college, university, or the workplace.

GRCI offers two SHSM designated programs:

1. SHSM **Transportation**
2. SHSM **Information and Communications Technology**

Please see your Guidance Counsellor if you are interested in learning more about these programs or go to

[www.wrdsb.ca/programs/secondary-school-information/specialist-high-skills-majors/](http://www.wrdsb.ca/programs/secondary-school-information/specialist-high-skills-majors/)

## ONTARIO SECONDARY SCHOOL DIPLOMA REQUIREMENTS

A student must complete 30 credits including 18 compulsory, 12 electives and the 2 additional requirements listed below to receive his/her OSSD.

### Compulsory Credits

- 4 English (one per grade)
  - 3 Mathematics (at least one in Grade 11 or 12)
  - 2 Science
  - 1 French as a second language
  - 1 Canadian Geography
  - 1 Canadian History
  - 1 Arts
  - 1 Health and Physical Education
  - .5 Civics
  - .5 Career Studies
  - 1 additional credit in English or French as a second language or a Native language or a classical or an international language or Social Science and Humanities or Canadian and World Studies or Guidance and Career Education or Cooperative Education\*
  - 1 additional Health and Physical Education or Arts or Business Studies or French as a second language\*\* or Cooperative Education\*
  - 1 additional credit in Science (grade 11 or 12) or Technological Education (grades 9-12) or French as a second language\*\* or Cooperative Education\* or Computer Science
- \*a maximum of 2 credits in Cooperative Education can count as compulsory credits  
 \*\*a maximum of 2 credits in French as a second language can count as compulsory credits

### Additional Requirements

- \*40 hours of community involvement
- \*Ontario Secondary School Literacy Test/Course

### Course Fees:

All basic materials essential for the completion of a program are available to students at no cost. Fees for course enhancements are estimates and may change. Final amounts will be determined and communicated by September. Students/families requiring financial assistance should contact any staff member. The staff member will ensure that the student's issue is dealt with in an appropriate, sensitive and confidential manner.

**FULL DISCLOSURE** is a Ministry of Education requirement that all Grade 11 and 12 courses attempted and marks earned be recorded on the Ontario Student Transcript. In order for a course change not to appear on the transcript, the student must have all "course drop" or "change" paperwork signed and returned to the Guidance Department before the deadline of 5 instructional days after the 1<sup>st</sup> report card is issued each semester.

### SCHOOL BOUNDARIES:

To determine which school a student should attend, please enter their address in the following website: [www.stswr.ca](http://www.stswr.ca)