Grand River Collegiate Institute

2021-2022 COURSE OFFERINGS (Grades 9-12)

* This is a listing of all courses offered at GRCI for the 2020-2021 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 [myblueprint.ca](http://www.careercruising.com) .
* 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:

Grade 9 (0 credits earned to date) = minimum 8 credits Grade 11 (16 credits earned to date) = minimum 7 credits

Grade 10 (8 credits earned to date) = minimum 8 credits Grade 12 (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.

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| Arts (Dramatic Arts, Music, Visual Arts) | | |
| Grade 9 **ADA1OI** Drama, Open  **AMI1OI** Instrumental Music: Band (experienced), Open  **AMI1OX** Instrumental Music: Band (beginner), Open  **AMS1OI** Instrumenta**l** Music: Strings (experienced), Open  **AMS1OX** Instrumenta**l** Music: Strings (beginner), Open  **AVI1OI** Visual Arts, Open Grade 10 **ADA2OI** Dramatic Arts, Open  **AMG2OI** Guitar Music, Open  **AMI2OI** Instrumental Music: Band, Open  **AMK2OI** Keyboard Music, Open  **AMS2OI** Instrumental Music: Strings, Open  **AMV2OI** Music: Vocal, Open  **AVI2OI** Visual Arts, Open | **Grade 11** ADA3MI\* Drama, University/CollegeADA3OI Drama, OpenAMG3OI\* Guitar Music, Open **AMI3MI\*** Instrumental Music, University/College AMK30I\* Keyboard Music, Open **AMS3MI\*** Instrumental Music: Strings,  University/College AMV3MI\* Music: Vocal, University/College **AVI3MI\***  Visual Arts, University/College  **AWA3OI** Crafts, Open  **AWQ3OI**  Photography | Grade 12 **ADA4MI\*** Drama, University/College  **AMI4MI\*** Instrumental Music, University/College  **AMS4MI\*** Instrumental Music: Strings, University/College  **AMV4MI\*** Music: Vocal, University/College AVI4MI\* Visual Arts, University/College |

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| Business Studies | | |
| ***A student may take a maximum of one BBI course for credit.*** | | |
| **Grade 9**  **BBI1OI** Introduction to Business, Open  **Grade 10**  **BBI2OI** Introduction to Business, Open  **BTT2OI** Information & Communication Technology in  Business, Open | **Grade 11**  **BAF3MI** Financial Accounting Fundamentals, University/College  **BDI3CI** Entrepreneurship: The Venture, College  **BMI3CI** Marketing: Goods, Services and Events, College | **Grade 12**  **BAT4MI\*** Financial Accounting Principles, University/College  **BBB4MI\*** International Business Fundamentals, University/College  **BOH4MI\*** Business Leadership: Management Fundamentals, University/College  **\*\*** See Canadian & World Studies for **Law** & **Economics** |

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| Canadian and World Studies | | |
| **Grade 9**  ***Geography***  **CGC1DI** Geography of Canada, Academic  **CGC1PI** Geography of Canada, Applied  ***History* Grade 10**  **CHC2DI** Canadian History Since World War I, Academic  **CHC2PI** Canadian History Since World War I, Applied  **CHV2OH** Civics and Citizenship, Open (0.5 credit) | Grade 11 ***Geography***  **CGF3MI\*** Forces of Nature : Physical Processes and Disasters, University/College  **CGG3OI\*** Travel and Tourism: A Regional Geographic Perspective, Open  ***History***  **CHW3MI\*** World History: to the Fifteenth Century,  University/College  **CHG331\*** Genocide and Crimes Against Humanity, Open  ***Law***  **CLU3MI\*** Understanding Canadian Law, University/College | **Grade 12**  ***Geography***  **CGR4EI** Living in a Sustainable World  **CGW4UI\*** World Issues: A Geographic Analysis, University  ***History***  **CHM4EI\*** Adventures in World History, Workplace  **CHY4CI\*** World History: Since the Fifteenth Century, College  **CHY4UI\*** World History Since the Fifteenth Century, University  ***Law***  **CLN4UI\*** Canadian and International Law, University  ***Economics***  **CIA4UM**\* Analyzing Current Economic Issues, University |

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| Classical Studies and International Languages | |
| Grade 10 **LWSBDI** Spanish, Academic | Grade 11 **LWSCUI\*** Spanish, University |

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| Computer Studies | | |
| Grade 10 **ICS2OI** Introduction to Computer Studies, Open | Grade 11 **ICS3UI** Introduction to Computer Science, University | Grade 12 **ICS4UI\*** Computer Science, University |

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| Co-operative Education | | College Delivered Dual Credits – Please see your counsellor to apply | |
| **CO-OP**  COOP2C (2 credits, afternoons)  **COOP4C** (4 credits, all day)  **COOP42** (4 credits, afternoons, 2 each semester) | Semester 1  EXPCUL Exploring Culinary – Culinary Techniques  EXPMEC Exploring Mechanical – Plumbing & Welding | | Semester 2  College Apprenticeship Preparation Program (CAPP)  CAPAST Automotive  CAPTAC Truck and Coach  CAPWLD Welding  Accelerated Level 1 Apprenticeship (Interview required)  OYAST Automotive Service Technician  OYBAS Brick & Stone Mason  OYMACH General Machinist  OYTAC Truck and Coach Technician |
| CO-OP Education 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.  Dual Credits are offered in cooperation with Conestoga College. Please see your guidance counselor for further information. | | | |

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| English | | |
| **Grade 9**  **ENG1DI** English, Academic  **ENG1PI** English, Applied    **Grade 10**  **ENG2DI\*** English, Academic  **ENG2PI**\* English, Applied | **Grade 11**  **ENG3CI\*** English, College  **ENG3EI\*** English, Workplace  **ENG3UI\*** English, University | **Grade 12**  **ENG4CI\*** English, College  **ENG4EI\*** English, Workplace  **ENG4UI\*** English, University  **ETS4CI\*** Studies in Literature, College, Screen Education  **EWC4CI\*** Writer’s Craft, College  **EWC4UI\*** Writer’s Craft, University  **OLC4OI\*** Ontario Sec. 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.* | | | |
| Grade 9 Core Compulsory  **ENG1LI** Essential English  **MAT1LB** Essential Math  **SNC1LI** Essential Science  **GLS1OB** Learning Strategies 1: Skills for  Success in Secondary School  **CGC1PB** Canadian Geography  **PPL1OB** Healthy Active Living Education **(male)**  **PPL1OG** Healthy Active Living Education  **(female)**  **Grade 9 Elective Options**  **ALC1OB** Integrated Arts  **BTT1OB** Information and Communication Technology in Business  **TIJ1OB** Exploring Technologies  **TEJ1OB** Computer Technologies | Grade 10 Core Compulsory  **ENG2LI\*** Essential English  **MAT2LI\*** Essential Math  **SNC2LI\*** Essential Science  **CHC2LI** Canadian History  **CHV2OB** Civics and Citizenship  **GLC2OB** Career Studies  **HFN2OB** Food and Nutrition    **Grade 10 Elective Options**  **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 | Grade 11 Core Compulsory OLC4OB\* Ontario Secondary School  Literacy Course  MEL3EB\* Mathematics for Everyday Life  GWL3OB Designing Your Future  **Grade 11 Elective Options**  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  TDJ3OB Technological Design & the Environment  TFJ3EB Hospitality and Tourism  TMJ3EB Manufacturing Technology  TTJ3OB Transportation Technology  TWJ3EB Custom Woodworking | Grade 12 Core Compulsory **ENG4EI\*** English  **HIP4OB** Personal Life Management  **GLN4OB** Co-operative Education  **Grade 12 Elective Options**  **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  **TDJ4OB**  Technological Design in the Twenty-First Century  **TFJ4EB\*** Hospitality and Tourism  **TMJ4EB\*** Manufacturing Technology  **TTJ4EB\*** Transportation Technology  TWJ4EB\* Custom Woodworking |

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| French as a Second Language | | | |
| **Grade 9**  **CGC1DF** Geography of Canada, Academic, Extended French  **FEF1DI**  Extended French, Academic  **FSF1DI** Core French, Academic  **FSF1PI** Core French, Applied | Grade 10 **CHC2DF** Canadian History since World War 1, Academic, Ext. French  **FEF2DI\*** Extended French, Academic **FSF2DI\*** Core French, Academic | Grade 11 **EPS3OF** Presentation & Communication Skills, Open FEF3UI\* Extended French, UniversityFSF3UI\* Core French, University | Grade 12 **FEF4UI\*** Extended French, University  **FSF4UI\*** Core French, University |
| \*\* NOTE: Students going into Grade 10 Extended French need to select CGC1DFwith the grade 9 Extended French cohort. | | | |

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| Guidance and Career Education | |
| **Grade 10**  **GLC2OH** Career Studies, Open (0.5 credit)  **GLC2OP** Career Studies (Blended On-Line) | **Grade 11**  **GPP3OI** Leadership and Peer Support, Open |

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| Health and Physical Education | | |
| **Grade 9**  **PPL1OX** Healthy Active Living Education **(female)**, Open  **PPL1OY** Healthy Active Living Education **(male),** Open  **Grade 10**  **PAF2OX** Personal and Fitness Activities, Live Fit, Open  **PAF2OY** Personal and Fitness Activities, Power Fit, Open  **PAL2OI** Group Activities, Hockey focus, Open  **PPL2OX** Healthy Active Living Education **(female)**, Open  **PPL2OY** Healthy Active Living Education **(male)**, Open | **Grade 11**  **PAF3OX** Personal and Fitness Activities, Live Fit, Open  **PAF3OY** Personal and Fitness Activities, Power Fit,  Open  **PPL3OX** Healthy Active Living Education **(female)**,  Open  **PPL3OY** Healthy Active Living Education **(male)**, Open | **Grade 12**  **PAF4OI** Personal and Fitness Activities, Open  **PLF4MI\*** Recreation & Healthy Active Living Leadership, University/College  **PPL4OI** Healthy Active Living Education, Open  **PSK4UI\*** Introductory Kinesiology, University |

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| Indigenous Studies | |
| **Grade 11**  **NDA3MI\*** Current Aboriginal Issues in Canada, University/College | **Grade 12**  **NDW4MI\*** Issues of Indigenous Peoples in Global Context, University/College |

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| Interdisciplinary Studies  Interdisciplinary Studies | |
| **Grade 11**  **IDC3OI** Applied Journalism, Yearbook, Open  **IDC3OX** Leadership, Open (Application/Interview required) | **Grade 12**  **IDC4OI** Applied Journalism, Yearbook, Open  **IDC4OX** Leadership, Open (Application/Interview required)  **IDC4UI** Applied Journalism, Yearbook, University  **IDC4UX** Leadership, University/College (Application/Interview Required) |

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| Learning Services | | | |
| **Grade 9**  **GLE1OI** Learning Strategies 1: Skills for Success in Secondary School, Open  **(Student must have an IEP)** | **Grade 10**  **GLE2OI** Open Learning Strategies 2: Skills for Success in Secondary School, Open  **(Student must have an IEP)** | **Grade 11**  **GLE3OI** Advanced Learning Strategies 1: Skills for Success After Secondary School, Open  **(Student must have an IEP)** | **Grade 12**  **GLE4OI** Advanced Learning Strategies 2: Skills for Success After Secondary School, Open  **(Student must have an IEP)** |

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| Mathematics | | |
| **Grade 9**  **MTH1WI** Mathematics, De-streamed  **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  **MCT4CI\*** Math for College Technology, College  **MCV4UI\*** Calculus and Vectors, University  **MDM4UI\*** Mathematics of Data Management, University  **MEL4EI\*** Mathematics for Work and Everyday Life, Workplace  **MHF4UI\*** Advanced Functions, University |

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| 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 |

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| Social Sciences and Humanities | | |
| ***A student may take a maximum of one HFN course for credit.*** | | |
| Grade 9 **HFN1OI** Food and Nutrition, Open Grade 10 **HFN2OI** Food and Nutrition, Open  **HIF2OI** Navigating Adolescence (Life Hacks), Open | Grade 11  HLS3OI Housing and Home Design, Open  HPC3OI 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  **HIP4OI** Adulting 101, Open  **HHS4CI\*** Individuals, Relationships & Society, College  **HHS4UI\*** Individuals, Relationships & Society, University  **HSB4UI\*** Challenge and Change in Society, University |

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| Technological Education | | |
| Grade 9 **TIJ1OA** Exploring Technologies, Open  **TIJ1OD** Exploring Technologies, Open  **TEJ1OI** Exploring Computer Technologies, Open Grade 10 **TCJ2OI** Construction Technology, Open  **TDJ2OI** Technological Design, Open  **TEJ2OI** Computer Technology, Open  **THJ2OI** Green Industries, Open  **TFJ2OI** Hospitality and Tourism, Open  **TGJ2OI** Communications Technology, Open  **TMJ2OI** Manufacturing Technology, Open  **TTJ2OI** Transportation Technology, Open | **Grade 11**  **TCJ3EI** Construction Technology, Workplace  **TDJ3MI** Technological Design, University/College  **TEJ3MI** Computer Engineering Technology, University/College  **TFB3EI** Hospitality and Tourism:Baking, Workplace  **TFJ3EI** Hospitality and Tourism: Culinary, Workplace  **TFJ3CI** Hospitality and Tourism: Culinary, College  **TGJ3MI** Communications Technology, University/College  **TMJ3EI** Manufacturing Technology, Workplace  **TTJ3CI** Transportation Technology, College  **TWJ3EI** Custom Woodworking, Workplace | **Grade 12**  **TCJ4EI\*** Construction Technology, Workplace TDJ4MI\* Technological Design, University/College **TEJ4MI\*** Computer Engineering, University/College  **TFB4EI\*** Hospitality and Tourism:Baking, Workplace TFJ4EI\* Hospitality and Tourism, Workplace **TFJ4CI\*** Hospitality and Tourism, College TGJ4MI\* Communications Technology,University/College **TMJ4EI\*** Manufacturing Technology, Workplace TTJ4CI\* Transportation Technology, College **TWJ4EI\*** Custom Woodworking, Workplace |

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| 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/)  uently |

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| 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/) |

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| **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)  **Additional Requirements**  \*40 hours of community involvement  \*Ontario Secondary School Literacy Test/Course  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 |

**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.**

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| 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 1st 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**