Guelph Collegiate Vocational Institute
Grade 11 Course Selection for 2018-2019
## Table of Contents

### Art
- ASM3M - Media Arts, University/College Preparation .......................................................... 4
- ASM3O - Media Arts, Open .................................................................................................. 4
- AVI3M - Visual Arts, University/College Preparation ........................................................... 4
- AWT3O - Non-Traditional Media, Open ............................................................................... 4

### Business Department
- BAF3M - Financial Accounting Fundamentals, University/College Preparation .................. 4
- BAI3E - Accounting Essentials, Workplace Preparation ......................................................... 5
- BMI3C - Marketing: Goods, Services and Events .................................................................. 5
- BMX3E - Marketing: Retail and Service ............................................................................... 5
- BTA3O - Information and Communication Technology: The Digital Environment, Open .......... 5
- CLU3E - Understanding Canadian Law in Everyday Life, Workplace preparation .................. 5
- CLU3M - Understanding Canadian Law, University/College Preparation ............................. 5

### Computer Studies
- ICS3C - Introduction to Computer Programming, College Preparation .............................. 6
- ICS3U – Introduction to Computer Science, University Preparation ...................................... 6

### Co-op
- DCO3O – 2 Credits - Creating Opportunities through Co-op, Grade 11, Open ..................... 6
- FTECO2 - 2 Credit Co-Op or FTECO4 – 4 Credit Co-op ......................................................... 6

### Drama
- ADA3O - Dramatic Arts, Grade 11, Open ............................................................................ 7
- ADA3M - Dramatic Arts, Grade 11, University/College Preparation ....................................... 7
- ADF3M - Director’s Craft, Grade 11, University/College Preparation ..................................... 7
- AMT4M – Musical Theatre, Grade 11/12, University/College Preparation ........................... 7

### English
- ENG3C - English, College Preparation .................................................................................. 7
- ENG3U - English, University Preparation ............................................................................ 8

### Family Studies
- HFC3M - Food and Culture, University/College Preparation ............................................... 8
- HLS3O- Housing and Home Design, Open .......................................................................... 8
- HNC3C - Understanding Fashion, College ........................................................................... 8
- HPC3O - Raising Healthy Children, Open .......................................................................... 8
- HSG3M - Gender Studies .................................................................................................... 9
### History

- CHW3M - World History to the end of the Fifteenth Century, University/College Preparation ......................................................... 9
- CPC3O - Politics in Action: Making Change, Grade 11 ......................................................................................................................... 9
- HRT3M - World Religions and Belief Traditions: Perspectives, Issues and Challenges, University / College Preparation ................................................................. 9
- HSP3U - Introduction to Anthropology, Psychology, and Sociology, University Preparation ......................................................... 9
- HSP3C - Introduction to Anthropology, Psychology, and Sociology, College Preparation ......................................................... 10
- NDA3M - Current Indigenous Issues in Canada ......................................................................................................................... 10

### Geography

- CGF3M - Forces of Nature: Physical Processes and Disasters, University/College Prep. ......................................................... 10
- CGG3O - Travel and Tourism: A Geographic Perspective, Open ........................................................................................................... 10

### Interdisciplinary Studies

- DAVINCI Science and Art Environmental Leadership Program, Grade 11 ........................................................................................................... 10
- MADE: Urban Arts ........................................................................................................... 11

### Languages

- FSF3U - Core French, University Preparation ......................................................................................................................... 12
- LWSCU - Spanish, University Preparation, Grade 11 ......................................................................................................................... 12
- LWGCU - German, University Preparation, Grade 11 ......................................................................................................................... 12

### Math

- MBF3C - Foundations for College Mathematics, College Preparation ......................................................................................................... 13
- MCF3M - Functions and Applications, University/College Preparation ......................................................................................................... 13
- MCR3U - Functions, University Preparation ......................................................................................................................... 13
- MEL3E - Mathematics for Work and Everyday Life, Workplace Preparation ......................................................................................................... 13

### Music

- AMG3O - Introductory Guitar, Open .......................................................................................................................... 13
- AMI3M - Instrumental Music, University/College Preparation ......................................................................................................... 14
- AMV3M - Vocal Music, University/College Preparation ......................................................................................................... 14

### Physical Education

- PAD3O - Outdoor Education - Open .......................................................................................................................... 14
- PAF3O - Personal and Fitness Activities - Open .......................................................................................................................... 14
- PAF3OX - Personal and Fitness Activities, Female - Open .......................................................................................................................... 14
- PAF3OZ/PAF4OZ - Advanced Personal Fitness –Blended Learning .......................................................................................................................... 15
- PAL30 – Healthy Active Living, Grade 11 - Open .......................................................................................................................... 15

### Science

- .................................................. 15
- .................................................. 15
SBI3C - Biology, College Preparation ................................................................. 15
SBI3U - Biology, University Preparation ............................................................ 15
SCH3U - Chemistry, University Preparation ....................................................... 16
SPH3U - Physics, University Preparation ............................................................. 16
SVN3M - Environmental Science, University/College Preparation ...................... 16
SVN3E - Environmental Science, Workplace Preparation .................................... 16

Technology ........................................................................................................... 16

TCJ3C - 1 credit   TCJ3C and TCJ3C2 - 2 credits / 2 semesters - Construction Technology (Carpentry), College Preparation .............................................................. 16
TDJ3O - Technological Design and the Environment, Open .................................. 17
TDJ3M - 1 credit   TDJ3M and TDJ3M2 - 2 credits / 2 semesters ....................... 17
TEJ3E – 1 credit   TEJ3E and TEJ3E2 – 2 credits / 2 semesters - Computer Technology, College/Workplace Preparation .............................................................. 17
TEJ3M – 1 credit   TEJ3M and TEJ3M2 – 2 credits / 2 semesters - Computer Engineering, University/College Prep ................................................................. 17

TFJ3E/3C - Hospitality and Tourism, Workplace Preparation, College Prep .......... 18
TGG3M - Journalism and Design: Yearbook, Grade 11 Mixed ............................ 18
TGJ3M - 1 credit   TGJ3M and TGJ3M2 - 2 credits / 2 semesters - Communications Technology, University/College Preparation ...................................................... 18
TGP3M - Communications Technology: Photography and Digital Imaging .......... 18
THJ3M - Green Industries –University/College ...................................................... 18
THJ3E - Green Industries - Workplace ................................................................. 18

TMJ3C - 1 credit   TMJ3C and TMJ3C2 - 2 credits / 2 semesters - Manufacturing Engineering Technology (Metal Working), College Preparation ...................................................... 19

TTJ3C - 1 credit   TTJ3C and TTJ3C12 - 2 credits / 2 semesters - Transportation Technology (Automotive), College Preparation ....................................................... 19

TWJ3E – 1 credit   TWJ3E and TWJ3E2 – 2 credits / 2 semesters - Custom Woodworking (Furniture), Workplace Preparation ....................................................... 19
**Art**

**ASM3M - Media Arts, University/College Preparation**
This course focuses on the development of media arts skills through the production of art works involving traditional and emerging technologies, tools, and techniques such as new media, computer animation, and web environments. Students will explore the evolution of media arts as an extension of traditional art forms, use the creative process to produce effective media art works, and critically analyse the unique characteristics of this art form. Students will examine the role of media artists in shaping audience perceptions of identity, culture, and values.
Prerequisite: Media Arts, Grade 10, Open

**ASM3O - Media Arts, Open**
This course enables students to create media art works using available and emerging technologies such as computer animation, digital imaging, and video, and a variety of media. Students will explore the elements and principles of media arts, the connections between contemporary media art works and traditional art forms, and the importance of using responsible practices when engaged in the creative process. Students will develop the skills necessary to create and interpret media art works.

**AVI3M - Visual Arts, University/College Preparation**
This course enables students to further develop their knowledge and skills in visual arts. Students will use the creative process to explore a wide range of themes through studio work that may include drawing, painting, sculpting, and printmaking, as well as the creation of collage, multimedia works, and works using emergent technologies. Students will use the critical analysis process when evaluating their own work and the work of others. This course is a comprehensive program. Students will analyze art works and study aspects of Western art history, as well as art forms from Canada and other parts of the world.
Prerequisite: AVI1O or AVI2O

**AWT3O - Non-Traditional Media, Open**
This course focuses on studio activities in one or more of the visual arts. Students will create art works that explore a wide range of subject matter. They will also examine historical and cultural contexts of Western art (including Canadian art) and art from various world cultures to support their study of specific media. This course will focus on non-traditional image development including digital media and photography.
Prerequisite: None
Recommended for senior students who do not have an arts credit.

**Business Department**

**BAF3M - Financial Accounting Fundamentals, University/College Preparation**
This course introduces students to the fundamental principles and procedures of accounting. Students will develop financial analysis and decision-making skills that will assist them in future studies and/or career opportunities in business. Students will acquire an understanding of accounting for a service and a merchandising business, computerized accounting, financial analysis, and current issues and ethics in accounting. Optional Workbook Fee: $22.00
**BAI3E - Accounting Essentials, Workplace Preparation**
This course introduces students to the accounting cycle of a service business. Students will use computer application software to record business transactions and to prepare financial statements. Students will also investigate banking and cash management, decision-making, ethical behaviour, and career opportunities in the field of accounting. Optional Workbook Fee: $20.00

**BMI3C - Marketing: Goods, Services and Events**
This course introduces the fundamental concepts of product marketing, which includes the marketing of goods, services, and events. Students will examine how trends, issues, global economic changes, and information technology influence consumer-buying habits. Students will engage in marketing research, develop marketing strategies, and produce a marketing plan for a product of their choice. Students will also develop and present a marketing plan for a specific product, culminating in a trade show.

**BMX3E - Marketing: Retail and Service**
This course focuses on marketing activities in the retail and service sectors. Students will examine trends and global influences on marketing decisions, and will learn about the importance of customer service in developing a customer base and maintaining customer loyalty. Through hands-on learning, students will develop personal selling and information technology skills that will prepare them for a variety of marketing related positions in the workplace. This is an essential course for those students considering a career in retail.

**BTA3O - Information and Communication Technology: The Digital Environment, Open**
This course prepares students for the digital environment. Using a hands-on approach, students will further develop information and communication technology skills through the use of common business software applications. The concept and operation of e-business will be explored, and students will design and create an e-business website. The skills developed in this course will prepare students for success in the workplace and/or postsecondary studies. Students will use HTML to create web pages. Prerequisite if you take Business of Sport.

**CLU3E - Understanding Canadian Law in Everyday Life, Workplace preparation**
This course enables students to develop a practical understanding of laws that affect the everyday lives of people in Canada, including their own lives. Students will gain an understanding of the need for laws, and of their rights, freedoms, and responsibilities under Canadian law. Topics include laws relating to marriage, the workplace, cyberbullying, and criminal offences. Students will begin to develop legal reasoning skills and will apply the concepts of legal thinking and the legal studies inquiry process when investigating legal issues that are relevant to life in Canada today. Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied

**CLU3M - Understanding Canadian Law, University/College Preparation**
This course explores Canadian law, with a focus on legal issues that are relevant to the lives of people in Canada. Students will gain an understanding of laws relating to rights and freedoms in Canada; our legal system; and family, contract, employment, tort, and criminal law. Students will develop legal reasoning skills and will apply the concepts of legal thinking and the legal studies inquiry process when investigating a range of legal issues and formulating and communicating informed opinions about them. Prerequisite: Canadian History since World War I, Grade 10, Academic or Applied
Computer Studies

ICS3C - Introduction to Computer Programming, College Preparation
This course introduces students to computer programming concepts and practices. Students will write and test computer programs, using various problem-solving strategies. They will learn the fundamentals of program design and apply a software development life-cycle model to a software development project. Students will also learn about computer environments and systems, and explore environmental issues related to computers, safe computing practices, emerging technologies, and postsecondary opportunities in computer-related fields.

ICS3U – Introduction to Computer Science, University Preparation
This course introduces students to computer science. Students will design software independently and as part of a team, using industry-standard programming tools and applying the software development life-cycle model. They will also write and use subprograms within computer programs. Students will develop creative solutions for various types of problems as their understanding of the computing environment grows. They will also explore environmental and ergonomic issues, emerging research in computer science, and global career trends in computer-related fields.

Co-op

DCO3O – 2 Credits - Creating Opportunities through Co-op, Grade 11, Open
This course consists of a community-connected experience and a cooperative education curriculum focused on developing skills, knowledge, and habits of mind that will support students in their learning at school and beyond, today and in the future, as well as in their education and career/life planning. Within the context of the community-connected experience, students will apply skills, knowledge, and habits of mind that will protect and promote their health, safety, and well-being and that will strengthen their inquiry, decision-making, and leadership skills. Students will create and implement a learning plan that meets their particular interests and needs, reflect on their learning, and make connections between their experience in the community and other aspects of their lives. Choose this 2 credit co-op if you want to explore the world of work and different career opportunities. The Co-op Department will contact you with further information after course selection is complete.

FTECO2 - 2 Credit Co-op or FTECO4 – 4 Credit Co-op
Cooperative Education is a unique educational process designed to promote skill development, individual career development and self-awareness by integrating classroom learning with planned and supervised practical experiences in a community placement. The basic principle of Cooperative Education is that personal growth and career development are best achieved by an educational method which combines classroom learning with practical experiences. Learning does not confine itself to academic mastery. A student’s attitude, interests, values, needs and motives depend equally upon practical experience and traditional academic learning. Cooperative Education provides realistic and relevant experiences that develop the whole person because it bridges the gap between classroom study and what a student needs to know to become a productive member of society. Choose this co-op if there is a specific industry or job sector you would like to explore (ex. Business, Health Care, Construction, Visual Arts, etc.). Choose 2-credit (half day) or 4-credit (full day). The Co-op Department will contact you with further information after course selection is complete.
Drama

**ADA3O - Dramatic Arts, Grade 11, Open**
This course requires students to engage in dramatic processes and the presentation of dramatic works, and emphasizes the application of drama skills in other contexts and opportunities. Students will interpret and present works in a variety of dramatic forms, create and script original works, and critically analyse the processes involved in producing dramatic works. Students will develop a variety of skills related to collaboration and the presentation of dramatic works.
Prerequisite: None

**ADA3M - Dramatic Arts, Grade 11, University/College Preparation**
This course requires students to create and to perform dramatic presentations. Students will analyse, interpret, and perform dramatic works from various cultures and time periods. Students will research various acting styles and conventions that could be used in their presentations, and analyse the functions of playwrights, directors, actors, designers, technicians, and audiences.
Prerequisite: Drama, Grade 9 or 10, Open

**ADF3M - Director’s Craft, Grade 11, University/College Preparation**
In this challenging course, students learn to apply research and theory to theatre creation. Students are encouraged to make discoveries through experimentation, risk-taking and the presentation of ideas. Working both individually and collaboratively, students explore theory, dramatic literature and theatre conventions. This course requires students to attend live theatre performances to complement their reading and research. Prerequisites: ADA20 and ENG2D.

**AMT4M – Musical Theatre, Grade 11/12, University/College Preparation**
This course focuses on the application of knowledge and skills related to the creation, interpretation, and production of Musical Theatre involving drama, music, dance and visual art. Students will study, evaluate, create, produce and promote a pre-selected musical. Students will have an opportunity to engage in supplemental tasks designed to enrich their understanding and enjoyment of Musical Theatre and develop leadership skills within the class. Performers are expected to commit to 10-12 hours of extra rehearsal per week. These rehearsals are scheduled for after school and on the weekends. Production students are expected to commit to extra rehearsals for the final 4 weeks of show rehearsal. This course runs every other year and it will be offered in the 2019-2020 school year. Prerequisites: None

English

**ENG3C - English, College Preparation**
This course emphasizes the development of literacy, critical thinking and communication skills. Students will study the content, form, and style of informational texts and literary works from Canada and other countries; write reports, correspondence, and persuasive essays; and analyze media forms, audiences, and media industry practices. An important focus will be on establishing appropriate voice and using business and technical language with precision and clarity. Note: This course fulfils one of the compulsory English requirements. Prerequisite: English, Grade 10, Academic
ENG3U - English, University Preparation
This course emphasizes the development of literacy, communication, and critical and creative thinking skills necessary for success in academic and daily life. Students will analyze challenging literary texts from various periods, countries, and cultures, as well as a range of informational and graphic texts, and create oral, written, and media texts in a variety of forms. An important focus will be on using language with precision and clarity and incorporating stylistic devices appropriately and effectively. The course is intended to prepare students for the compulsory Grade 12 university or college preparation course. Note: This course fulfils one of the compulsory English requirements.
Prerequisite: English, Grade 10, Applied

Family Studies

HFC3M - Food and Culture, University/College Preparation
This course focuses on the flavours, aromas, cooking techniques, foods, and cultural traditions of world cuisines. Students will explore the origins of and developments in diverse food traditions. They will demonstrate the ability to cook with ingredients and equipment from a variety of cultures, compare food-related etiquette in many countries and cultures, and explain how Canadian food choices and traditions have been influenced by other cultures. Students will develop practical skills and apply social science research methods while investigating foods and food practices from around the world.
Prerequisite: None.

HLS3O - Housing and Home Design, Open
This course introduces students to a range of issues related to housing and home design. Students will learn about the needs that housing fulfills; housing options; home maintenance and safety; and environmental, economic, legal, and social considerations related to housing. They will use the elements and principles of design to analyse design and decorating decisions. Students will develop research skills as they investigate issues related to housing and home design.
Prerequisite: None.

HNC3C - Understanding Fashion, College
This course introduces students to the world of fashion. Students will gain an understanding of theories related to fashion trends and of how culture, media, fashion cycles, retailing, and social and environmental factors influence fashion trends and consumer behaviour. Students will use various tools, technologies, and techniques safely and correctly to create fashion items. They will apply knowledge of fibres, fabrics, and the elements and principles of design when creating and assessing fashion-related products. Students will develop research skills as they investigate topics related to fashion. Prerequisite: None. This course is strongly recommended preparation for HNB4M, The Fashion Industry. A voluntary enhanced programming fee of $10.00 is recommended.

HPC3O - Raising Healthy Children, Open
This course focuses on the skills and knowledge parents, guardians, and caregivers need, with particular emphasis on maternal health, pregnancy, birth, and the early years of human development (birth to six years old). Through study and practical experience, students will learn how to meet the developmental needs of young children, communicate with them, and effectively guide their early behaviour. Students will develop their research skills through investigations related to caregiving and child rearing.
Prerequisite: None.
**HSG3M - Gender Studies**
This course enables students to explore the social construction of gender. Students will learn about the dynamic nature of gender roles and norms; sexism and power relations; and the impact of representations of women and men in the media, popular culture, and the arts. Students will analyse a range of gender equity issues, including gender-based violence and workplace equity, in both Canadian and global contexts. Students will develop and apply research skills and will design and implement a social action initiative relating to gender equity.
Prerequisite: None

**History**

**CHW3M – World History to the end of the Fifteenth Century, University/College Preparation**
This course explores the history of various societies and civilizations around the world, from earliest times to around 1500 CE. Students will investigate a range of factors that contributed to the rise, success, and decline of various ancient and pre-modern societies throughout the world and will examine life in and the cultural and political legacy of these societies. Students will extend their ability to apply the concepts of historical thinking and the historical inquiry process, including the interpretation and analysis of evidence, when investigating social, political, and economic structures and historical forces at work in various societies and in different historical eras.

**CPC3O - Politics in Action: Making Change, Grade 11**
This course enables students to develop plans for change in the local, national, and/or global community. Students will explore various issues, investigating their causes as well as their impact, and determining where change is needed, and why. They will examine the effectiveness of various problem-solving strategies used by individuals and groups that have brought about and/or are attempting to bring about political change in democratic societies. In addition, students will analyse the role and perspectives of governments and other stakeholders in relation to issues of political importance and will consider factors affecting their own and others’ political engagement. Students will apply the concepts of political thinking and the political inquiry process as they investigate various issues of political importance and develop a plan of action to address a selected issue. Prerequisite: Civics and Citizenship, Grade 10, Open

**HRT3M - World Religions and Belief Traditions: Perspectives, Issues and Challenges, University / College Preparation**
This course provides students with opportunities to explore various world religions and belief traditions. Students will develop knowledge of the terms and concepts relevant to this area of study, will examine the ways in which religions and belief traditions meet various human needs, and will learn about the relationship between belief and action. They will examine sacred writings and teachings, consider how concepts of time and place influence different religions and belief traditions, and develop research and inquiry skills related to the study of human expressions of belief.

**HSP3U - Introduction to Anthropology, Psychology, and Sociology, University Preparation**
This course provides students with opportunities to think critically about theories, questions, and issues related to anthropology, psychology, and sociology. Students will develop an understanding of the approaches and research methods used by social scientists. They will be given opportunities to explore theories from a variety of perspectives, to conduct social science, and to become familiar with current thinking on a range of issues within the three disciplines. Prerequisite: The Grade 10 academic course in English or the Grade 10 academic history course (Canadian and world studies).
HSP3C - Introduction to Anthropology, Psychology, and Sociology, College Preparation
This course introduces students to theories, questions, and issues related to anthropology, psychology, and sociology. Students learn about approaches and research methods used by social scientists. They will be given opportunities to apply theories from a variety of perspectives, to conduct social science research, and to become familiar with current issues within the three disciplines. Prerequisite: None.

NDA3M - Current Indigenous Issues in Canada
This course focuses on existing and emerging issues of national and regional importance of concern to Indigenous peoples in Canada. Students will analyze diverse perspectives from a variety of sources such as media, academic works and public opinion polls on events and developments related to land, community, governance, identity and culture. Using political thinking concepts and the political inquiry process students will explore their own and others’ ideas, investigate an issue to determine what needs to change, why and appropriate problem-solving strategies. Prerequisite: Grade 10 First Nations, Métis, and Inuit Peoples in Canada, Open, or Grade 10 Canadian History Since World War I, Academic or Applied.

Geography

In this course, students will explore physical processes related to the earth’s water, land, and air. They will investigate how these processes shape the planet’s natural characteristics and affect human systems, how they are involved in the creation of natural disasters, and how they influence the impacts of human disasters. Throughout the course, students will apply the concepts of geographic thinking and the geographic inquiry process and use spatial technologies to analyse these processes, make predictions related to natural disasters, and assess ways of responding to them. Prerequisite: Geography of Canada, Grade 9, Academic or Applied

CGG3O - Travel and Tourism: A Geographic Perspective, Open
This course focuses on issues related to travel and tourism within and between various regions of the world. Students will investigate unique environmental, sociocultural, economic, and political characteristics of selected world regions. They will explore travel patterns and trends, as well as tensions related to tourism, and will predict future tourism destinations. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate the impact of the travel industry on natural environments and human communities. Prerequisite: Geography of Canada Grade 9, Academic or Applied

Interdisciplinary Studies

DAVINCI Science and Art Environmental Leadership Program, Grade 11
The Grade 11 DaVinci Science and Art Environmental Leadership Program is a unique program that takes place off-campus, at the J.C. Taylor Nature Centre at the University of Guelph. Students will take courses in Biology, Art, English and Social Science in a natural setting nestled amongst hiking trails, forests and ponds with the University Arboretum. Students will explore nature and environmental issues through literature, visual arts, science and social science. They will consolidate what they have learned and develop their leadership and interpersonal skills by teaching an environmental and art-based program to elementary students. Students will participate in a five-day wilderness trip, which will include biological and artistic components. Throughout the course students will develop communication,
critical and creative thinking skills necessary for success in navigating and problem-solving current local and global environmental and social challenges. There will be opportunities to visit the university and participate in some labs and studios and interact with university students and staff.

Courses and Prerequisites in the DAVINCI Program:

AEA3O: Visual Arts, Grade 11, Open, Prerequisite: Any Grade 9 art, (music, drama, media studies or dance)
HSP3U: Intro to Social Science, Grade 11, University Preparation, Prerequisite: none
ENG3U: English, Grade 11, University Preparation, Prerequisite: English, Grade 10, Academic
SBI3U: Biology, Grade 11, University Preparation, Prerequisite: Science, Grade 10, Academic

Cost: There will be a course participation fee of approximately $450. However, no student will be denied due to financial reasons. Students will be expected to find their own transportation to and from the site.
Contact: The Guidance Office
www.thedavinciprogram.ca

MADE: Urban Arts

The Urban Arts Project (MADE in Guelph) is an innovative program for Grade 10, 11 and 12 students interested in a non-traditional experience of the Arts. The program allows students to interact with local, professional artists and develop individual and group creative skills. ALL LEVELS OF ABILITY are welcome in this collaborative environment. Students will explore Music, Art, Drama and English in an integrated, non-traditional way, away from their home school at the Guelph Youth Music Centre in downtown Guelph. In this setting, students will experience authentic learning opportunities and use their new skills to host major Arts events and performances for wider audiences.

There will be a course fee in the range of $400; however, no student will be denied this course due to financial reasons. See your Guidance Office for more information. Offered in the winter semester 2019.

Develop new skills through Artist-led workshops.
Plan, create, promote, and perform in student exhibitions and public performances
Visit various Toronto Arts institutions and theatres
Learn in a collaborative setting comprised of students from all Guelph-area high schools
Participate in an Academic partnership with the University of Guelph’s School of English and Theatre Studies
Attend professional theatre productions and workshops
Participate in drumming, DJ, photography, graffiti, yoga and dance workshops designed for Urban Arts.

Credits Earned: All courses will be taught from an interdisciplinary perspective.

**AMC 3M: Music for Creating (University/College)**
Students will experience different approaches to musical creation and performance. Participate in music appreciation, creation, and performance non-traditional formats. Learn from professional musicians, composers, and DJ's in a variety of settings connected to the local music culture and scene

**AWT 3M: Non Traditional Media (University/College)**
Form collaborative traditional and digital based media productions. Participate in visual art appreciation, creation, and performance. Create visual works. Learn from professional artists in a variety of settings that foster artistic success in the local community, the street, and galleries.
**ADD3M: Drama Production (University/College)**
In addition to skill development and small scale projects, students will form a production company and assume the roles of actors, publicists, and technicians in the development of two large scale events: SPEAK Youth and a dramatic production.

**ENG 3U/C, ENG2D, EWC4U: English (students will work toward one of these credits)**
Read and demonstrate an understanding of novels, short stories, and poetry, and a play with an emphasis on thematic analysis, language. Produce coherent and effective written work with particular emphasis on formal Literary Essays through the use of a variety of organizational structures and processes

Prerequisites: Core English and Experience in one Arts area in either grade 9 or 10

How to Apply: Pick up an application from GCVI's guidance department or download an application from UrbanArts.ca. Successful candidates will be notified in February 2018.

**Languages**

**FSF3U - Core French, University Preparation**
This course offers students extended opportunities to speak and interact in real-life situations in French with greater independence. Students will develop their listening, speaking, reading, and writing skills, as well as their creative and critical thinking skills, through responding to and exploring a variety of oral and written texts. They will also broaden their understanding and appreciation of diverse French-speaking communities, and will develop skills necessary for lifelong language learning. Prerequisite: Core French, Grade 10, Academic

**LWSCU - Spanish, University Preparation, Grade 11**
This course provides opportunities for students to increase their competence and confidence in listening, speaking, reading, and writing in Spanish. Students will communicate about academic and personally relevant topics in increasingly spontaneous spoken interactions, and will develop their creative and critical thinking skills through exploring and responding to a variety of oral and written texts. Students will continue to enrich their understanding and appreciation of diverse Spanish speaking communities. They will also investigate personal and professional contexts in which knowledge of Spanish is required, and develop skills necessary for lifelong language learning. Prerequisite: LWSBD

**LWGCU - German, University Preparation, Grade 11**
This course provides opportunities for students to increase their competence and confidence in listening, speaking, reading, and writing in Spanish. Students will communicate about academics and personally relevant topics in increasingly spontaneous spoken interactions, and will develop their creative and critical thinking skills through exploring and responding to a variety of oral and written texts. Students will continue to enrich their understanding and appreciation of diverse German speaking communities. They will also investigate personal and professional contexts in which knowledge of German is required, and develop skills necessary for lifelong language learning.
Prerequisite: LWGBD
Math

MBF3C - Foundations for College Mathematics, College Preparation
This course enables students to broaden their understanding of mathematics as a problem-solving tool in the real world. Students will extend their understanding of quadratic relations; investigate situations involving exponential growth; solve problems involving compound interest; solve financial problems connected with vehicle ownership; and develop their ability to reason by collecting, analyzing, and evaluating data involving one and two variables. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.
Prerequisite: MFM2P (A mark of 70% is recommended.)

MCF3M - Functions and Applications, University/College Preparation
This course introduces basic features of the function by extending students’ experiences with quadratic relations. It focuses on quadratic, trigonometric, and exponential functions and their use in modeling real-world situations. Students will represent functions numerically, graphically, and algebraically; simplify expressions; solve equations; and solve problems relating to financial and trigonometric applications. Students will reason mathematically and communicate their thinking as they solve multi-step problems.
Prerequisite: MPM2D or MFM2P (Strong learning skills and a minimum mark of 80% is highly recommended.)

MCR3U - Functions, University Preparation
This course introduces the mathematical concept of the function by extending students’ experiences with linear and quadratic relations. Students will investigate properties of discrete and continuous functions, including trigonometric and exponential functions; represent functions numerically, algebraically, and graphically; solve problems involving applications of functions; and develop facility in simplifying polynomial and rational expressions. Students will reason mathematically and communicate their thinking as they solve multi-step problems.
Prerequisite: MPM2D (A mark of 70% is recommended.)

MEL3E - Mathematics for Work and Everyday Life, Workplace Preparation
This course enables students to broaden their understanding of mathematics as it is applied in the workplace and daily life. Students will solve problems associated with earning money, paying taxes, and making purchases; apply calculations of simple and compound interest in saving, investing, and borrowing; and calculate the costs of transportation and travel in a variety of situations. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

Music

AMG3O - Introductory Guitar, Open
This course develops students’ musical literacy through performance and the preparation and presentation of music productions. Students will perform works at a level consistent with previous experience. Independently and collaboratively, students will use current technology and the creative and critical analysis processes to plan, produce, present, and market musical productions. Students will respond to, reflect on, and analyse music from various genres and periods, and they will develop skills transferable to other aspects of their life and their careers.
Prerequisite: None (Students with previous guitar experience who read musical notation should audition for AMG4M to determine appropriate course placement.)
AMI3M - Instrumental Music, University/College Preparation
This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers.
Prerequisite: AMI2O

AMV3M - Vocal Music, University/College Preparation
This course provides students with opportunities to develop their musical literacy through the creation, appreciation, analysis, and performance of music, including traditional, commercial, and art music. Students will apply the creative process when performing appropriate technical exercises and repertoire and will employ the critical analysis processes when reflecting on, responding to, and analysing live and recorded performances. Students will consider the function of music in society and the impact of music on individuals and communities. They will explore how to apply skills developed in music to their life and careers.
Prerequisite: AMV2O

Physical Education

PAD3O - Outdoor Education - Open
This co-educational course offers students participation in a variety of outdoor activities that will engage students at many levels. The course will increase the students’ environmental awareness and enhance their leadership abilities. Experiences will include challenges such as a five-day canoe trip to Algonquin Park, one week biking unit exploring local trails in/and around Guelph Lake, downhill skiing and snowboarding, hiking, winter sports, and many other outdoor adventures. Furthermore, hands on tasks, such as paddle design, wilderness photography, will empower students to learn through experience and exploration, thus establishing a connection with our Canadian outdoor culture. Students will also study a unit on environmental awareness and sustainability.
Enrichment Experience Fee: $300.00 for various trips and outdoor experiences.

PAF3O - Personal and Fitness Activities - Open
This co-educational course helps students develop a personalized approach to healthy living. There will be emphasis on creating fitness programs that explore various training methods and equipment. Students will examine the factors that affect their own health and the health of individuals as members of the community. They will learn about the importance of healthy eating living an active lifestyle and developing a positive self-image. Throughout this course, students will develop the skills necessary to take charge of and improve their own health, as well as to encourage others to lead healthy lives. Students spend equal time in the classroom and engaging in physical activity as they develop their own healthy active living plans and focus on personal training and individual fitness. Finally, students will learn and explore the various career opportunities in the health and fitness industry.
A voluntary enrichment experience fee will apply for various fitness experiences (TNT Boxing – Achieve Fitness, Boom Fitness).

PAF3OX - Personal and Fitness Activities, Female - Open
This is a female only course that is geared towards helping young women learn and develop healthy active lifestyles. Instruction will focus on female interests and physiology. There will be an emphasis on creating fitness programs that explore various training methods and equipment. Students will examine the factors that affect their own health and the health of individuals as members of the community. They will learn about the importance of healthy eating, living an
active lifestyle, and developing a positive self-image. Throughout this course, students will develop the skills necessary to take charge of and improve their own health, as well as to encourage others to lead healthy lives. Students spend equal time in the classroom and engaging in physical activity as they develop their own healthy active living plans and focus on personal training and personal fitness. Finally students will learn and explore the various career opportunities in the health and fitness industry.

Voluntary enrichment experience fee: $80 for various fitness experiences (zumba, downdawg yoga, hot yoga, boom fitness, TNT boxing, belling dancing, personal trainers)

**PAF30Z/PAF40Z - Advanced Personal Fitness –Blended Learning**

The content/theory of this course (2 days) will be delivered "online". The practical component will be 3 days in the fitness centre/gym. This combined (PAF30Z/PAF40Z) co-educational course emphasizes committed and enthusiastic participation of highly challenging physical activities that promote lifelong healthy active living and personal physical fitness. Students learn movement skills, fitness training methods and principles, varied methods of improving and maintaining personal fitness and physical competence, safety and injury prevention. Students will develop individual fitness plans to improve or to maintain a high level of fitness. Regular work-outs will include an emphasis on weight training, cross training and cardiovascular training and will explore various other training methods (ie. Yoga, pilates, zumba, etc.) Students will set challenging personal fitness goals, develop communication and social skills and focus on achievement based personal fitness outcomes. A voluntary enrichment fee may apply.

**PAL30 – Healthy Active Living, Grade 11 - Open**

This co-educational course enables students to further develop 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 and exposure to a broader range of activity settings, students enhance their movement competence, personal fitness, and confidence. 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

A voluntary enrichment experiences fee may apply.

**Science**

**SBI3C - Biology, College Preparation**

This course focuses on the processes involved in biological systems. Students will learn concepts and theories as they conduct investigations in the areas of cellular biology, microbiology, animal anatomy and physiology, plant structure and physiology, and environmental science. Emphasis will be placed on the practical application of concepts, and on the skills needed for further study in various branches of the life sciences and related fields.

Prerequisite: Science, Grade 10, Academic or Applied (A minimum mark of 65% in SNC2D, or 75% in SNC2P, is strongly recommended.)

**SBI3U - Biology, University Preparation**

This course furthers students’ understanding of the processes that occur in biological systems. Students will study theory and conduct investigations in the areas of biodiversity; evolution; genetic processes; the structure and function of animals; and the anatomy, growth, and function of plants. The course focuses on the theoretical aspects of the topics under study, and helps students refine skills related to scientific investigation. The course is a prerequisite for SBI4U.

Prerequisite: Science, Grade 10, Academic (A minimum mark of 70% is strongly recommended.)
SCH3U - Chemistry, University Preparation
This course enables students to deepen their understanding of chemistry through the study of the properties of chemicals and chemical bonds; chemical reactions and quantitative relationships in those reactions; solutions and solubility; and atmospheric chemistry and the behaviour of gases. Students will further develop their analytical skills and investigate the qualitative and quantitative properties of matter, as well as the impact of some common chemical reactions on society and the environment. This course is a prerequisite for SCH4U.
Prerequisite: Science, Grade 10, Academic  (A minimum mark of 70% is strongly recommended.)
Recommended Preparation: Math, Grade 10, Academic

SPH3U - Physics, University Preparation
This course develops students' understanding of the basic concepts of physics. Students will explore kinematics, with an emphasis on linear motion; different kinds of forces; energy transformations; the properties of mechanical waves and sound; and electricity and magnetism. They will enhance their scientific investigation skills as they test laws of physics. In addition, they will analyse the interrelationships between physics and technology, and consider the impact of technological applications of physics on society and the environment.
Prerequisite: Science, Grade 10, Academic  (A minimum mark of 70% is strongly recommended)
Recommended Preparation: Math, Grade 10, Academic

SVN3M - Environmental Science, University/College Preparation
This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in life after secondary school. Students will explore a range of topics, including the role of science in addressing contemporary environmental challenges; the impact of the environment on human health; sustainable agriculture and forestry; the reduction and management of waste; and the conservation of energy. Students will increase their scientific and environmental literacy and examine the interrelationships between science, the environment, and society in a variety of areas. Prerequisite: Science, Grade 10, Applied or Academic   (A minimum mark of 65% in SNC2D, or 75% in SNC2P is strongly recommended.)

SVN3E - Environmental Science, Workplace Preparation
This course provides students with the fundamental knowledge of and skills relating to environmental science that will help them succeed in work and life after secondary school. Students will explore a range of topics, including the impact of human activities on the environment; human health and the environment; energy conservation; resource science and management; and safety and environmental responsibility in the workplace. Emphasis is placed on relevant, practical applications and current topics in environmental science, with attention to the refinement of students’ literacy and mathematical literacy skills as well as the development of their scientific and environmental literacy.
Prerequisite: Any Grade 9 or 10 Applied or Essential level Science course.

Technology

TCJ3C - 1 credit    TCJ3C and TCJ3C2 - 2 credits / 2 semesters - Construction Technology (Carpentry), College Preparation
This course focuses on the development of knowledge and skills related to residential construction. Students will gain hands on experience using a variety of construction materials, processes, tools, and equipment; learn about building design and planning construction projects; create and interpret working drawings and sections; and learn how the Ontario Building Code and other regulations and standards apply to construction projects. Students will also develop an
awareness of environmental and societal issues related to construction technology, and explore career opportunities in the field. Note: This course is available to be taken for a ONE or TWO credit option. If you are taking the two credits, be sure to select both TCJ3C and TCJ3C2 codes on your option sheet.  Prerequisite: None
Recommended Preparation: TCJ2O

**TDJ3O - Technological Design and the Environment, Open**
This course enables students to apply a systematic process for researching, designing, building, and assessing solutions to address specific human and environmental challenges. Through their work on various projects, students will explore broad themes that may include aspects of industrial design, mechanical design, architectural design, control system design, and/or apparel design. Students will develop an awareness of environmental and societal issues related to technological design, and will learn about secondary and postsecondary pathways leading to careers in the field. Prerequisite: None

**TDJ3M - 1 credit  TDJ3M and TDJ3M2 - 2 credits / 2 semesters**
Technological Design (Architectural/Engineering Design), University/College Preparation
This course examines how technological design is influenced by human, environmental, financial, and material requirements and resources. Students will research, design, build, and assess solutions that meet specific human needs, using working drawings and other communication methods to present their design ideas. They will develop an awareness of environmental, societal, and cultural issues related to technological design, and will explore career opportunities in the field, as well as the college and/or university program requirements for them. Note: This course is available to be taken for a ONE or TWO credit option. If you are taking the two credits, be sure to select the TDJ3M and TDJ3M2 code on your option sheet.  Prerequisite: None  Recommended Preparation: TDJ2O

**TEJ3E – 1 credit  TEJ3E and TEJ3E2 – 2 credits / 2 semesters - Computer Technology, College/Workplace Preparation**
This course enables students to develop knowledge and skills related to computer hardware, networks, operating systems, and other software. Students will use utility and application software and learn proper procedures for installing, maintaining, and troubleshooting computer systems and networks. Students will develop an awareness of environmental and societal issues related to the use of computers, and will learn about apprenticeships and other employment opportunities in the field of computer technology that they may choose to pursue after graduation. Note: this course is available to be taken as a ONE or TWO credit option. If you are taking the two credits, be sure to select both TEJ3E and TEJ3E2.  Prerequisite: None

**TEJ3M – 1 credit  TEJ3M and TEJ3M2 – 2 credits / 2 semesters - Computer Engineering, University/ College Prep.**
This course examines computer systems and control of external devices. Students will assemble computers and small networks by installing and configuring appropriate hardware and software. Students will develop knowledge and skills in electronics, robotics, programming, and networks, and will build systems that use computer programs and interfaces to control and/or respond to external devices. Students will develop an awareness of environmental and societal issues related to the use of computers, and will learn about college and university programs leading to careers in computer engineering. Note: this course is available to be taken as a ONE or TWO credit option. If you are taking the two credits, be sure to select both TEJ3M and TEJ3M2.  Prerequisite: None
**TFJ3E/3C - Hospitality and Tourism, Workplace Preparation, College Prep**
This course enables students to acquire knowledge and skills related to the food and beverage services sector of the tourism industry. Students will learn how to prepare, present, and serve food using a variety of tools and equipment and will develop an understanding of the fundamentals of providing high quality service to ensure customer satisfaction and the components of running a successful event or activity. Students will develop an awareness of health and safety practices, environmental and societal issues, and career opportunities in the food and beverage services sector.

**TGG3M - Journalism and Design: Yearbook, Grade 11 Mixed**
This is a FULL-YEAR course. Using the school yearbook as our touchstone project, students will learn the basic skills of working as a journalist and designer. Students will learn to apply photojournalism skills and ethics, along with layout and design elements in order to create a final publicly published work. Students will investigate news sources and develop a sense of news judgment while working individually and within a larger team to meet a major, real-world deadline of delivering a product to every student in the school.
Students are recommended and then chosen for this course and must apply for the course in the year prior to being on staff.
How to Apply: See Mr. Bersche or Guidance for more information on applying for the course.

**TGJ3M - 1 credit   TGJ3M and TGJ3M2 - 2 credits / 2 semesters - Communications Technology, University/College Preparation**
This course examines communications technology from a media perspective. Students will develop knowledge and skills as they design and produce media projects in the areas of live, recorded, and graphic communications. These areas may include TV, video, and movie production; radio and audio production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields. Note: This course is available to be taken for ONE or TWO credits. If you are taking the two credits, be sure to select the TGJ3M and TGJ3M2 code on your option sheet.
A voluntary enhanced programming fee of $10.00 is recommended.
Prerequisite: None
Recommended Preparation: TGJ2O

**TGP3M - Communications Technology: Photography and Digital Imaging**
This course provides an emphasis on Photography and Digital Imaging. Students will develop knowledge and skills as they design and produce media projects in the areas of digital and graphic communications. These areas may include, video, and movie production; print and graphic communications; photography; digital imaging; broadcast journalism; and interactive new media. Students will also develop an awareness of related environmental and societal issues and explore college and university programs and career opportunities in the various communications technology fields. You will be required to purchase an 8 gigabyte Secure Digital card. Access to a digital SLR camera is a benefit although not a course necessity.
Pre-requisite: Grade 10 communications (TGJ2O1) and/or Visual Arts (AVI3M) are strongly recommended to be successful in this course.

**THJ3M - Green Industries –University/College**

**THJ3E - Green Industries - Workplace**
Location: GCVI and surrounding community as required
Grade 10 Construction (TCJ3E1) and/or Technological design (TDJ2O1) and/or Manufacturing (TMJ2O) Technology and/or Transportation Technology (TTJ2O1) are strongly recommended to be successful in this course.

This course enables students to gain experience with a variety of procedures and operations in landscape and environmental design. Students will study complex processes, develop advanced design and maintenance skills, and explore ways of enhancing environmental sustainability. They will also examine social and economic issues related to the green industries, learn about safe and healthy working practices, study industry standards and codes, and explore career opportunities in the various industries. The knowledge and skills acquired in this course will prepare students for a workplace apprenticeship environment or Landscape Architecture at the University of Guelph. https://www.uoguelph.ca/sedrd/landscape-architecture

Students must be able to work independently and submit a teacher referral to be accepted into the course.

CSA certified footwear is mandatory for this course.

**TMJ3C - 1 credit** TMJ3C and TMJ3C2 - 2 credits / 2 semesters - Manufacturing Engineering Technology (Metal Working), College Preparation

This course enables students to develop knowledge and skills through hands-on, project-based learning. Students will acquire design, fabrication, and problem-solving skills while using tools and equipment such as lathes, mills, welders, computer-aided machines, and control systems. Students may have opportunities to obtain industry-standard certification and training. Students will develop an awareness of environmental and societal issues related to manufacturing and will learn about pathways leading to careers in the industry. Note: This course is available to be taken for ONE or TWO credits. If you are taking the two credit, be sure to select the TMJ3C and TCJ3C2 code on your option sheet.
Prerequisite: None
Recommended Preparation: TMJ2O

**TTJ3C - 1 credit** TTJ3C and TTJ3C12 - 2 credits / 2 semesters TTJ3CX Female - Transportation Technology (Automotive), College Preparation

This course enables students to develop technical knowledge and skills as they study, test, service, and repair engine, electrical, suspension, brake, and steering systems on vehicles, aircraft, and/or watercraft. Students will develop communication and teamwork skills through practical tasks, using a variety of tools and equipment. Students will develop an awareness of environmental and societal issues related to transportation and will learn about apprenticeship and college programs leading to careers in the transportation industry. Note: This course is available to be taken for ONE or TWO credits. If you are taking the two credits, be sure to select the TTJ3C and TTJ3C2 code on your option sheet.
Select TTJ3CX for the Female only version.
Prerequisite: None
Recommended Preparation: TTJ2O

**TWJ3E – 1 credit** TWJ3E and TWJ3E2 – 2 credits / 2 semesters - Custom Woodworking (Furniture), Workplace Preparation

This course enables students to develop knowledge and skills related to cabinet making and furniture making. Students will gain practical experience using a variety of the materials, tools, equipment, and joinery techniques associated with custom woodworking. Students will learn to create and interpret technical drawings and will plan, design, and fabricate projects. They will also develop an awareness of environmental and societal issues related to the woodworking industry, and explore apprenticeships, postsecondary training, and career opportunities in the field that may be pursued directly after graduation. Note: This course is available to be taken for ONE or TWO credits. If you are taking the two credits be sure to select the TWJ3E and TWJ3E2 code on your option sheet. Prerequisite: None