

College Heights Secondary School



MISSION STATEMENT

Through practical, technical and service related education, College Heights Secondary School students will gain: literacy; numeracy; job and social skills; a sense of self-worth; and a positive attitude toward life and learning in a changing society.

VISION AND VALUES

- i. Literacy & Numeracy will receive extra attention and will be a school focus.
- ii. Students will gain employability skills through teachers' creation of a collegial, cooperative learning and working environment that will reinforce the importance of teamwork, academics and personal management in all classes.
- ii. A College Heights graduate will be motivated, respectful, productive and confident.
- iii. Graduates will be problem solvers, risk takers, team players, good communicators and lifelong learners.

Table of contents

MISSION STATEMENT	1
VISION AND VALUES	1
MESSAGE FROM ADMINISTRATION	3
SUPPORTING SECONDARY SCHOOL STUDENTS WITH STUDENT SUCCESS	4
SCHOOL RULES FOR SUCCESS	5
STUDENT ACTIVITIES	5
TRANSPORTATION – UPPER GRAND DISTRICT SCHOOL BOARD	6
CODE OF CONDUCT	6
GENERAL SCHOOL POLICIES	7
WHAT DO YOU NEED TO RECEIVE AN ONTARIO SECONDARY SCHOOL DIPLOMA?	9
GENERAL COURSE INFORMATION	11
SCHOOL TO CAREER PROGRAMS	12
CHSS PATHWAYS	13
COURSE DESCRIPTIONS	28

MESSAGE FROM ADMINISTRATION

We are proud to have served for over 50 years in the city of Guelph, providing excellent hands-on learning for students interested in pursuing college, apprenticeships or the trades.

As you work through this book and make use of My Blueprint you will see our program is organized around pathways. Each pathway will develop the necessary knowledge, skills and attitudes for post-secondary success. Further, our school offers students a unique look at their strengths in the areas of employability and specific learning skills. We always encourage students and families to make use of our guidance staff and resource teachers in selecting courses and planning appropriate pathways.

This calendar is designed to assist in the process of planning for your future courses here at College Heights. To begin, pick the pathway that most interests you. If you change your mind later, relax, as transitions between pathways can be done relatively easily. Our expert guidance and resource staff can work with you to plan and re-plan your high school adventure and answer your school and career needs.

In addition to Pathways Planning, we also offer the largest selection of Specialist High Skill Major programs in the board. We offer red seal diplomas in: Green Industries, Construction, Hospitality and Tourism, Manufacturing (welding and machine shop), Health and Wellness, Agriculture, Automotive (mechanics and auto body) and finally Arts and Culture. These specialized programs offer students additional access to certifications and experiences that will put them ahead of other high school graduates in trades programs and makes for excellent workplace preparation.

High school is an exciting time. In addition to the programs and pathways described we offer a wealth of extra-curricular programs and teams to enhance the high school experience. We can't wait to see you and work with you over the next few years. Come out and join the Huskies!

Remember our School Motto: Education that Works!!



SUPPORTING SECONDARY SCHOOL STUDENTS WITH STUDENT SUCCESS

In the Upper Grand District School Board and at College Heights Secondary School, we believe that all students can succeed. Our goal is to ensure that students graduate from high school so that they may move on to the pathway destination of their choice. In order to reach every student, secondary schools have several Student Services available to support students along the way. Guidance counselors assist students with appropriate course selections; provide career counselling and advise students on post-secondary options. They also collaborate with Social Workers, Attendance Counselors and Child and Youth Workers to co-ordinate social and emotional support. Students with exceptionalities are supported by Special Education Resource Teachers.

The Student Success Teacher works directly with students who have, or may experience difficulties in their courses. The Student Success Teacher works closely with the other members of the Student Success Team including the school administration, Guidance and Special Education in order to determine the best interventions within the school to support students and help get them back on track. Some of the services that the Student Success Teacher may provide include mentoring students, monitoring their progress, supporting their teachers and coordinating Credit Recovery and Alternative Education programs.

Student Success is a team approach that involves all members of the educational community: the student, the parents/guardians, the classroom teachers and the Student Success Team. Together we can help students experience success.

If you have questions about...

<ul style="list-style-type: none">• Changing courses or option selections• Social-Emotional or Wellness concerns• Careers, Apprenticeships, College, Universities• your student's Individualized Education Plan (IEP)• IPRC reviews• Academic Support• Credit Recovery• Safety Concerns	<p>Call into the main office and they will direct you to the appropriate staff member</p>
--	---

Grade 9

The first year of high school is an exciting and energizing time for students. College Heights Secondary School offers students a rich program of curricular and co-curricular activities. Studies on Student Success indicate student engagement in the secondary program is a key predictor of success in high school. We encourage all students to get involved not only in their studies but in the many co-curricular activities available. It is important that the students feel comfortable and safe. Please contact a vice-principal or the principal if your child is feeling uncomfortable at our school.

It is also very important that student success begins with a successful start in grade 9. Studies on high school drop-outs indicate that students who experience failure in their first years of school and who become credit-poor have a higher chance of dropping out. For this reason, the program taken in grade 9 should be carefully selected to challenge students without a high risk of failure. If your child is experiencing difficulty with their studies please contact the subject teacher for assistance, or contact a member of the In-school Team if an intervention is required.

SCHOOL RULES FOR SUCCESS

- *Be In Every Class Every Day*
- *Be Prepared to Work Every Day*
- *Be Respectful to Those Around You Every Day*

Student Activities

Student Activity Fee and Student Identification Cards

Each student that chooses to pay \$30.00 will receive a Student Photo ID card that permits participation privileges in extra-curricular activities including teams, clubs, dances, library sign-outs, buy-outs and open field trips. A Student Identification Card is only issued when the activity fee has been paid. **All students must have photos taken.**

**If a student needs support in paying the fee, please contact the school and we can make alternate arrangements. **

Intramurals

Intramurals are for any students who have paid the activity fees. They take place during the lunch period, usually in the gym. Listen to the announcements and refer to the bulletin boards in the physical education hall. Get involved at lunch in a variety of sports without having to be on a team.

Other Lunch Activities

There are a variety of activities students may participate in during the lunch hour to suit all interests and hobbies. Some of these may activities include: board games, open gym, RC club, movies and homework club. Students are invited to visit the Resource Room (A104), B101, the Library, or the Gym to see what is happening!

TRANSPORTATION – UPPER GRAND DISTRICT SCHOOL BOARD

Bus Transportation

Bus transportation is a privilege which can be revoked if students do not adhere to the policies as outlined by UGDSB. Unacceptable bus behaviour will be referred to the Vice-Principal. Students who misbehave will be suspended from their bus and will make their own arrangements to get to school. **Only those students who qualify for transportation may ride on the buses and they may only ride on the bus assigned to them.**

Contact Student Transportation Services at 519-824-4119 if you have any questions, or on the web at www.findmyschool.ca

Note: Most school buses have functioning video and audio surveillance at all times, and these will be used to investigate any problems.

Bus Delay and Cancellation Subscription Service Available

We now offer a subscription service that will notify the subscriber via email when your child(ren's) bus has been cancelled or is delayed. To subscribe go to: <https://www.findmyschool.ca/subscriptions/login.aspx> and follow the directions.

May a student temporarily ride another bus while parent or guardian is away?

All temporary transportation requests shall be refused, except under extraordinary circumstances where the personal well-being of a student is at stake. Refer to Policy 029 – Temporary Transportation Requests.

Student Driving

All cars must be parked between lines and not blocking traffic lanes. Cars should be locked. Parking is a privilege. That privilege may be removed if the student abuses the privilege by driving recklessly or at excessive speeds. Students must consider the safety of others when entering or exiting school property.

CODE OF CONDUCT

Goal

It is the policy of College Heights and the Upper Grand District School Board to maintain a safe and inclusive learning and teaching environment through the adoption of a Code of Conduct which promotes responsibility, respect, civility and academic excellence, and sets clear standards of behaviour for all members of the school community. The goal is to create a positive school climate where all members of the school community feel safe, comfortable and accepted.

Rights

Student Rights Include:

- To be treated with dignity and respect
- To be provided with activities that are success-oriented and build on individual strengths
- To receive a quality education
- To be free from racial, religious and sexual prejudice and from physical and verbal harassment
- To be informed about matters affecting their education

Parent Rights Include:

- To be treated with dignity and respect
- To be heard and to have concerns addressed
- To communicate with the school

Staff Rights Include:

- To be treated with dignity and respect
- To have a safe working environment
- To expect parents and students to be involved in creating a positive school environment

GENERAL SCHOOL POLICIES

Attendance

Our entire staff will put a great deal of time and energy into getting students to attend all their classes. Why? If you go to class and try your best, you will pass. Consistent student attendance and quality instruction is our goal.

For our attendance policy please visit <https://www.ugdsb.ca/college-heights/programs/courses/>

Medical Issues and Injuries

Any student with a life-threatening medical condition is required to notify the Principal and arrange an appropriate health and safety plan. Inform your teachers of your health issues. In case of injury, the circumstances must be reported to the teacher in charge and the appropriate forms filled out in the main office.

Assemblies

These gatherings may be planned for the entire school or teacher optional, meaning the teacher may or may not decide to take the class. In either case, attendance is mandatory whether at the assembly or in class. The presentation deserves courteous attention.

Books – Textbooks and Library

Only textbooks and library books are loaned out to the student. It is expected that these will be returned in good condition or a payment for replacement will be required.

Lockers

Lockers will be assigned to students. Lockers are Board of Education property and may be inspected by school staff at any time. The school cannot assume responsibility for the loss or theft of any articles left in lockers. Locker numbers, combinations or keys must be given to homeroom teachers. If you use a key, the spare key is kept in the office in the event the students loses/forgets to bring it. The combinations are kept with the student profile in the event they forget it.

Breakfast Club

The Breakfast Club runs every day at 8:30. Volunteers from the University of Guelph Nutrition Program serve the breakfast. Students are expected to clean up after themselves. Student cost is 50¢. All food is compliant with the Ministry of Education policy.

Cafeteria

The school cafeteria provides hot lunches, sandwiches, etc. at a reasonable cost. All students are expected to clean up their own garbage and return dirty dishes and cutlery. The weekly bulletin has our daily features and is posted on our school website.

Equipment – Use of Gymnasium, Stage or Classroom

All students must supply equipment as requested by individual teachers. This would include three-ring binders and paper, pens, pencils, safety glasses, combination locks and calculators. Appropriate athletic wear is required for all phys-ed classes. Students can purchase athletic equipment (shirts and shorts) through their phys-ed teacher. The school cannot accept responsibility for property that you bring to school or co-op placement. You should be sure that all your property is name-tagged. **All rooms in the school, including the gyms and the stage, are out of bounds to students unless a teacher is present.**

Equity and Bias-Free Policy

It is the policy of the School Board to provide and maintain learning and working environment of tolerance, fairness, justice and equality for all students, staff and to those within the community it serves while recognizing and acknowledging the diversity of race, colour, creed and ethnicity. The Board and College Heights condemn and refuse to ignore or to tolerate any expression of racial, religious, sexual orientation, gender or ethnic bias in any form by its students and staff.

Evaluation Days (Formal Evaluation Days/Exams)

Evaluation/Exam Days are compulsory for all students to attend.

Note: In the case of inclement weather, it may be necessary to change the dates.

COLLEGE HEIGHTS SCHOOL RESOURCES

Police Services

A Constable is available most days to assist you when needed. Make an appointment through the Administrative Assistant in the Guidance office.

Resource Room

The resource room at College Heights is known to most students by the room number, "A4", although its official title is Program Support Services. The purpose of the resource room is to provide assistance to students for their classroom work. A4 can be a very handy place to get some extra help for your assignments for writing your test, or perhaps a quieter setting for completing your work. Your classroom teacher and you will decide together if getting help in the resource room is an appropriate support for you at College Heights.

There are other resource spaces available for students to work in as required.

Student Resource Centre/Guidance

The Student Resource Centre in B hall includes the Guidance Department and other services that students may wish to use. Guidance Counsellors are available to help you problem-solve for the following type of things: course selection or changes, career planning, goal setting, personal or social issues and problems that you may be facing. Normally, you would be expected to make an appointment to see a counsellor but if you have an emergency, we will try to have someone talk with you immediately. If Guidance staff is not available to assist you, they will do their best to help you find someone who can, either inside or outside the school. Other services available through the Student Resource Centre include a Youth Worker, an Attendance Counsellor, and a Drug and Alcohol Counsellor.

Support for Exceptional Students

The Upper Grand District School Board provides a number of resources and support structures for provision of Special Education Services including the following:

- i. The Special Education Advisory Committee (SEAC) composed of representatives from parent support groups, board personnel and trustees. SEAC monitors Special Education support provided by the board and makes recommendations on policies, and programs provided. Parents are invited to contact SEAC representatives through the Board at (519) 822-4420.
- ii. The Boards Special Education Plan and Special Education Policies are available through the principal at each school, online at www.ugdsb.on.ca or by calling the Boards Program Department at (519) 941-6191.
- iii. If a student is identified by the board or the school as having exceptional needs, then an Individual Education Plan (IEP) will be prepared and distributed to teachers in order to support the student. Parents or students may ask to have this put in place and the school will decide if an official Identification Placement and Review Committee (IPRC) meeting is required before the IEP is written.

What do you need to graduate from high school?

18 compulsory credits

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

4	credits in English (1 credit per grade)*
3	credits in mathematics (1 credit in Grade 11 or 12)
2	credits in science
1	credit in Canadian history
1	credit in Canadian geography
1	credit in the arts
1	credit in health and physical education
1	credit in French as a second language
0.5	credit in career studies
0.5	credit in civics

In addition, students must complete:

✓	12 optional credits†
✓	40 hours of community involvement activities
✓	the provincial literacy requirement

Plus one credit from each of the following groups:

	Group 1:
1	<ul style="list-style-type: none"> English or French as a second language** a Native language a classical or international language social sciences and the humanities Canadian and world studies guidance and career education cooperative education***
	Group 2:
1	<ul style="list-style-type: none"> health and physical education the arts business studies French as a second language** cooperative education***
	Group 3:
1	<ul style="list-style-type: none"> science (Grade 11 or 12) technological education French as a second language** computer studies cooperative education***

* A maximum of 3 credits in English as a second language (ESL) or English literacy development (ELD) may be counted towards the 4 compulsory credits in English, but the fourth must be a credit earned for a Grade 12 compulsory English course.

** In groups 1, 2 and 3, a maximum of 2 credits in French as a second language can count as compulsory credits, one from group 1 and one from either group 2 or group 3.

*** A maximum of 2 credits in cooperative education can count as compulsory credits.

† The 12 optional credits may include up to 4 credits earned through approved dual credit courses.

GENERAL COURSE INFORMATION

The courses in this school are developed in accordance with the requirements of the Ontario Ministry of Education and Training. All course activities in this school are open to both male and female students. Course of study outlines are available in the school as information for students and parents/guardians. Programs are designed to provide a broad educational experience for students at College Heights Secondary School. In addition to the academic and technological studies, it is highly recommended that the students select work education programs. These serve as a further bridge to successful employment.

School Year Organization

The programs at College Heights are semestered. The first semester begins in September and ends in January. The second semester begins in February and ends in June. All students at College Heights are expected to take four credits in each semester from Grades 9 through 12.

Types of Courses

The provision of different types of courses in the secondary school program are designed to provide all students with the essential knowledge and skills they will need in any area of endeavour, as well as the opportunity to specialize in areas that are related to their particular goals. Students entering their Grade 9 year are offered a series of streamed courses which are designed to accommodate individual needs and to prepare students in senior grades for their future destinations. The courses offered in the Grade 9 and 10 are as follows:

Applied courses focus on practical applications and concrete examples. Both types of courses set high expectation for students while preparing them for studies in the senior grades.

Open courses are offered in all secondary school grades and are designed to prepare students for further study in certain subjects, such as technological education, and to enrich their overall education.

Locally Developed courses are available and are designed to provide students with a modified course to remediate basic skills in the areas of English, math, and science.

Ontario Student Transcript

Grade 11 and 12 course offerings have been developed to stream students into specific destinations such as the world of work, or on to post-secondary education.

Courses offered in Grade 11 and Grade 12 will include Workplace Preparation, Open, and College Preparation.

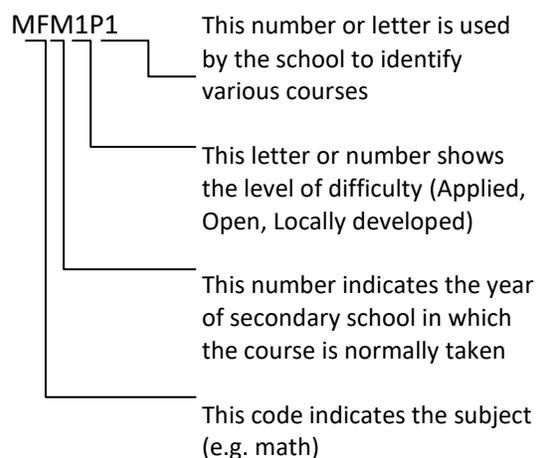
Definitions

Credit: A means of recognition of successful completion of a course for which a minimum of 110 hours of instructional time has been scheduled. A credit is granted by the principal on behalf of the Minister.

Compulsory Course: A course that must be included in a student's program of study towards the earning of a diploma.

Course: A set of learning activities that enable students to attain the expectations related to courses that are developed from Ministry of Education and Training curriculum policy.

Course Coding: The Common province-wide coding system is used. Courses are indicated as per the following example:



The Ontario Student Transcript provides an official and consistent record of the Ontario secondary courses taken by a student. Beginning in the 1999-2000 school year, schools were required to provide a complete record of students' performance in Grade 11 and 12 courses. Under this requirement, both successful and unsuccessful attempts at completing Grade 11 and 12 courses are recorded on the OST. The OST will include:

- All Grade 9 and 10 courses successfully completed by the student, with percentage grades obtained and credits earned;
- All Grade 11 and 12 courses completed or attempted by the student, with percentage grades obtained and credits earned;
- Identification of compulsory credits, including compulsory credit substitutions
- Confirmation that the student has successfully completed the OSSLT and Community Involvement Hours

As of September 1, 1999 the OST will also include a record of the achievement of exceptional students who have alternative learning expectations in an individualized, non-credit program. Student transcripts will be kept in the Ontario Student Record file (which contains all documentation since kindergarten) in the Guidance office.

For more information on evaluation, equivalency, and course types please visit <https://www.ugdsb.ca/college-heights/programs/courses>

SCHOOL TO CAREER PROGRAMS

Schools to Career Programs provide all students with unique opportunities to learn about the world of work, explore potential careers, and gain valuable work experience. These planned learning experiences assist all students, whether bound for college, apprenticeship, university or the workplace, in making informed career decisions, and in developing the knowledge, skills and attitudes that are essential in today's society. School to Career Programs vary in each school but is open to all students in the Upper Grand and Wellington Catholic District School Boards.

Co-operative Education

Co-operative Education is a program that allows senior students to extend classroom learning into supervised placements in the community. Students can earn a minimum of 2 credits which are linked to specific in-school subjects.

How Will Co-op Benefit You?

- explore future career possibilities
- understand employer expectations in real situations
- obtain work experience often required by college programs
- apply and expand classroom knowledge
- work with state-of-the-art equipment and technology
- benefit from the expertise of people in your community
- develop employability skills necessary for success in the workplace



Ontario Youth Apprenticeship Program

The Ontario Youth Apprenticeship Program (OYAP) is a new and specialized Co-op Program for those students interested in Apprenticeship Training. This program allows senior students to complete Co-op credits toward their Ontario Secondary School Diploma (OSSD) and earn hours towards an apprenticeship in one of the designated trade sectors: construction, motive power, industrial or service.

How Will OYAP Benefit You?

- X Focus your educational courses on your desired trade
- X Strengthen your skills and expand your knowledge related to your chosen trade
- X Accumulate a substantial number of hours towards the apprenticeship requirements of your choice
- X In some cases, you may earn money while still receiving credits towards your OSSD



CHSS PATHWAYS

Arts Pathway

Grade 9
English / Math / Science / Visual Arts/ Drama Exploring Technology / Canadian Geography Healthy Active Living /Theatre Tech: Integrated Arts
Grade 10
English / Math / Science / Drama Canadian History / Careers & Civics Dance / Guitar / Visual Arts or Crafts
Grade 11
English / Math / Dance / Guitar Drama / Co-op Ed / Aboriginal Beliefs Custom Woodworking / Visual Arts Drawing & Painting / Exploring & Creating in the Arts
Grade 12
English / Drama – Co-op / Elective / Visual Arts



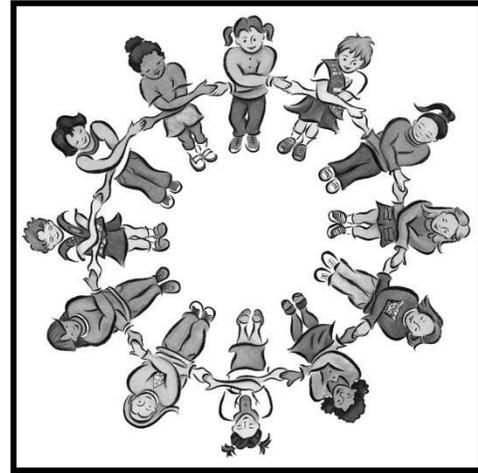
SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training
Curatorial Techniques / Theatrical Make-Up / Training in an Art Form
Training in a Technique / Musical Instrument Repair

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Actor / Artist / Musician • Disc Jockey • Film Production / Tech • Make-Up Artist • Screen Printing • Set Builder / Dresser • Set Rigger • Sign Maker • Singer 	<ul style="list-style-type: none"> • Carpenter • Draftsperson • Entertainment Industry • Electrical Technician • Gemsetter / Goldsmith • Painter and Decorator • Special Events Coordinator 	<ul style="list-style-type: none"> • Advertising Agent • Animator • Fashion Designer • Graphic Artist • Illustrator • Music / Performing Artist • Photographer • Radio Announcer • Travel & Tourism Agent

Child Care Pathway

Grade 9
English / Math / Science / Healthy Active Living Exploring Technology / Canadian Geography Exploring Health Care Individual Family & Social Living
Grade 10
English / Math / Science / Health Care Canadian History / Careers & Civics Food & Nutrition / Elective
Grade 11
English / Math / Art Leadership & Peer Support Raising Healthy Children / Elective Co-op
Grade 12
English / Drama – Co-op / Elective Child Developments & Gerontology



SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training
Infection Control / Ethical Considerations / Communication Skills / Sterile Techniques
Customer Service / Feeding Assistance / Ambulation, Lifting and Transfers

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Babysitter • Community Service • Day Care Worker • Drop-In Centre Worker • Nanny 	<ul style="list-style-type: none"> • Aboriginal Child Development Practitioner • Child & Youth Worker • Child Development Practitioner • Educational Assistant • Development Services Worker 	<ul style="list-style-type: none"> • Child & Youth Worker • Community & Justice Services • Correctional Worker • Development Service Worker • Early Childhood Education • Recreation & Leisure Services • Social Service Planner • Special Needs Support Worker

Communications Technology Pathway

Grade 9
English / Math / Science / Business Studies Exploring Technology / Canadian Geography Healthy Active Living / Communications Technology
Grade 10
English / Math / Science / Canadian History Careers & Civics / Communication Technology Elective
Grade 11
English / Math / Art Communications Technology / Co-op Information & Communication Technology
Grade 12
English / Elective Communications Technology / Co-op



Work	Apprenticeships	College
<ul style="list-style-type: none"> • Cable Installer Technician • Cable Repair Technician • Computer Support Technician • Data Entry Clerk • Flash Designer • Graphics Designer • Photography • Retail-Computers • Games, Parts • Technical Support • Videography • Web Site Designer 	<ul style="list-style-type: none"> • Appliance Service Technician • Electronic Service Technician • Information Tech. Support • Hardware Technician • Network Technician • IT Contact Centre <ul style="list-style-type: none"> - Customer Care Agent - Sales Agent - Technical Support Agent • Micro-Electronics Manufacturer • Network Cabling Specialist 	<ul style="list-style-type: none"> • Computer Applications Support • Computer Programmer • Computer Repair & Maintenance • Computer Systems Technician • Computer Systems Technology • Game Development • Graphic Design • Retail Operations

Construction Technology Pathway

Grade 9
English / Math / Science / Healthy Active Living Exploring Technology / Canadian Geography Construction Technology / Elective
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics Construction Technology / Welding
Grade 11
English / Math / Art Construction Technology / Elective
Grade 12
English / Elective / Construction Technology / Co-op



SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training / Fall Protection / Scaffold Safety
Fire Extinguisher Use / Health and Safety / Lockout/tagging

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Architectural Assistant • Cable Television Service • Cabinet Making Manufacturer • Carpet Installer • Construction Trades Helper & Labourer • Countertop Manufacturer • Deck Installer • Maintenance Technician • Retail Sales <ul style="list-style-type: none"> - Building Centres - Hardware Stores 	<ul style="list-style-type: none"> • Brick & Stone Mason • Cement Finisher • Drywall, Acoustic & Lathing Applicator • Drywall Finisher & Plasterer • Electrician • General Carpenter • Plumber • Roofer • Restoration Mason 	<ul style="list-style-type: none"> • Architectural Technologist • Brick & Stone Mason • Cabinet Maker • Construction Engineering • Supervisor • Construction Carpentry Techniques • Industrial Woodworking Technician • Renovation Technician Construction

Green Industries – Agriculture Pathway

Grade 9
English / Math / Science / Elective Exploring Technology / Canadian Geography Healthy Active Living / Green Industries
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics / Green Industries
Grade 11
English / Math / Art / Science Co-op / Green Industries
Grade 12
English / Green Industries Co-op Elective / Elective / Agriculture



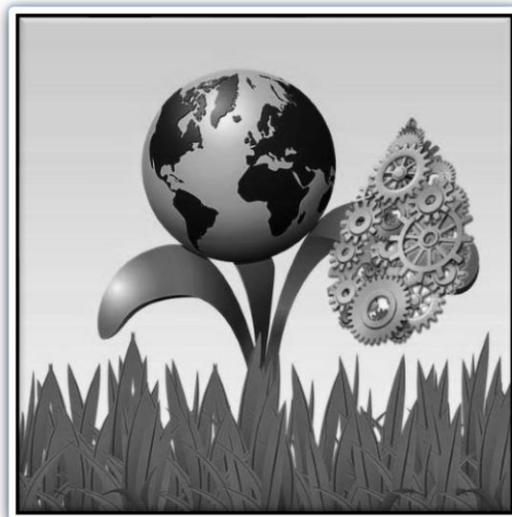
SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training / Plant Identification / Cash Handling
Customer Service / Pruning / Tree Planting

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Animal Care Worker • Beef/Poultry/Sheep Producer • Dairy Farm Milker • Farm Animal Trucker • Farm Labourer • Farm Machine Operator • Herdsperson • Horse Trainer • Maple Syrup Producer • Pet Groomer 	<ul style="list-style-type: none"> • Agricultural Equipment Tech. • Agriculture <ul style="list-style-type: none"> - Dairy Herdsperson - Fruit Grower - Swine Herdsperson • Horse Groom • Horse Harness Maker • Retail Meat Cutter • Saddlery 	<ul style="list-style-type: none"> • Agricultural Technologist • Agricultural & Heavy Duty • Equine Massage Therapist • Equipment Technician • Farm Manager • Horse Industry Technician • Veterinarian Office Administrator • Veterinarian Technician

Green Industries – Horticulture Pathway

Grade 9
English / Math / Science / Elective Exploring Technology / Canadian Geography Healthy Active Living / Green Industries
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics Elective / Green Industries
Grade 11
English / Math / Art Co-op / Elective / Green Industries
Grade 12
English / Elective Green Industries / Co-op



SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training / Plant Identification / Cash Handling
Customer Service / Pruning / Tree Planting

Work	Apprenticeships	College
<ul style="list-style-type: none"> • City Worker / Gardener • Garden Centre Sales • Garden Centre Supervisor • Groundskeeper • Landscape Design Helper • Landscaping & Grounds • Maintenance • Nursery & Greenhouse Worker 	<ul style="list-style-type: none"> • Arborist • Fruit Grower • Horticulture Technician • Utility Arborist 	<ul style="list-style-type: none"> • Arboriculture • Ecosystem Management • Technician / Technologist • Environmental Technician • Technologist • Garden Centre Retail Sales & Marketing • Horticultural / Landscape • Technician • Urban Forestry

Hairstyling & Aesthetics Pathway

Grade 9
English / Math / Science / Elective Exploring Technology / Canadian Geography Healthy Active Living / Hairstyling & Aesthetics
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics Elective / Hairstyling & Aesthetics
Grade 11
English / Math / Art / Co-op Elective / Hairstyling & Aesthetics
Grade 12
English / Elective / Hairstyling & Aesthetics Co-op



SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training / Infection Control / Ethical Considerations
Communication Skills / Sterile Techniques / Customer Service / Feeding Assistance
Ambulation, Lifting and Transfers

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Cosmetics Sales • Desairologist • Hair Removal Specialist • Funeral Assistant • Make Up Artist • Nail Technician • Salon Reception / Assist. • Salon Owner / Operator 	<ul style="list-style-type: none"> • Hairstylist 	<ul style="list-style-type: none"> • Advanced Special Effects • Makeup, Prosthetics & Props • Aesthetician • Colour Technician • Cosmetic Techniques & Mgmt. • Fashion Merchandising • Hair Stylist • Nail Technician • Spa Management

Health Care Pathway

Grade 9
English / Math / Science / Elective Exploring Technology / Canadian Geography Healthy Active Living / Health Care
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics Elective / Health Care
Grade 11
English / Math / Art / Elective / Co-op Biology / Health Care
Grade 12
English / Elective / Child Development & Gerontology Co-op



SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training / Infection Control / Ethical Considerations
Communication Skills / Sterile Techniques / Customer Service / Feeding Assistance
Ambulation, Lifting and Transfers

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Home Support Worker • Nanny • Senior's Helper 	<ul style="list-style-type: none"> • Aboriginal Child Development • Practitioner • Child & Youth Worker • Child Development Practitioner • Developmental Services Worker • Educational Assistant 	<ul style="list-style-type: none"> • Dental Assistant • Massage Therapist • Medical Lab. Assist. / Tech. • Occupational Therapist Assist. • Office Assistant (Medical/Optical) • Pharmacy Technician • Personal Support Worker • Veterinary Assistant • Veterinary Technician

Hospitality & Tourism – Baking Pathway

Grade 9
English / Math / Science / Exploring Technology Canadian Geography / Healthy Active Living Hospitality & Tourism (Baking) Hospitality & Tourism (Foods)
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics Hospitality & Tourism (Baking) Hospitality & Tourism (Foods)
Grade 11
English / Math / Art / Co-op / Elective Hospitality & Tourism (Cake Decorating) Hospitality & Tourism (Baking)
Grade 12
English / Math / Elective / Co-op Hospitality & Tourism (Baking)



SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training
Customer Service / Smart Service / Safe Food Handling

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Baker's Helper • Bakery – Private • Bakery – Grocery Stores • Caterer • Dishwasher • Fast Food Server • Food & Beverage Server • Hostess • Waiter / Waitress 	<ul style="list-style-type: none"> • Baker • Baker – Patisserie • Cook Assistant Br. 1 • Cook – Br. 2 • Special Events Coordinator 	<ul style="list-style-type: none"> • Baking & Pastry Arts • Chef • Conference & Event Planner • Cook • Culinary Management • Food & Beverage Service • Hospitality & Tourism Management

Hospitality & Tourism – Foods Pathway

Grade 9
English / Math / Science / Exploring Technology Canadian Geography / Healthy Active Living Hospitality & Tourism (Baking) Hospitality & Tourism (Foods)
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics Hospitality & Tourism (Baking) Hospitality & Tourism (Foods)
Grade 11
English / Math / Art Co-op / Elective Hospitality & Tourism (Foods)
Grade 12
English / Math Hospitality & Tourism (Foods) Elective / Co-op

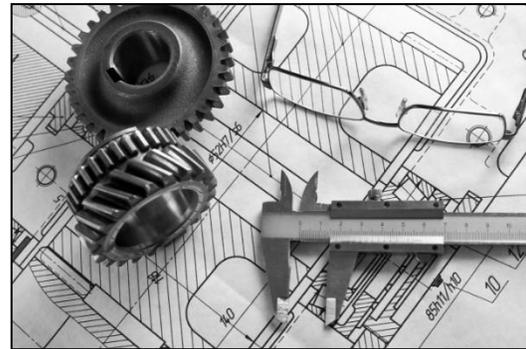


SHSM CERTIFICATIONS
CPR, First Aid and WHMIS Training Customer Service / Smart Service / Safe Food Handling

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Bartender • Bed & Breakfast Operator • Cook's Helper • Caterer • Dishwasher • Fast Food Server • Hostess • Restaurant Owner • Waiter / Waitress 	<ul style="list-style-type: none"> • Chef • Cook – Assistant Br. 1 • Cook – Br. 2 	<ul style="list-style-type: none"> • Baking & Pastry Arts • Chef • Conference & Event Planner • Cook • Culinary Management • Food & Beverage Service • Hospitality & Tourism - Hotel, Spa, Restaurant

Manufacturing – Machine Shop Pathway

Grade 9
English / Math / Science / Exploring Technology Canadian Geography / Healthy Active Living Manufacturing Technology - Machine Shop Manufacturing Technology - Welding
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics Manufacturing Technology - Machine Shop Manufacturing Technology - Welding
Grade 11
English / Math / Art / Elective Co-op / Machine Shop
Grade 12
English / Math / Machine Shop Co-op / Elective



SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training / Canadian Welding Bureau
Propane Safety / Arc Flash Safety / Fire Extinguisher / Lockout/tagging

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Chainsaw & Skidder Operator • Labourer in Processing/Manufacturing • Mechanical / Electrical Assembler • Metalworking Machine Operator 	<ul style="list-style-type: none"> • Bearings Mechanic • CNC Programmer • Die Designer • Draftsperson • General Machinist • Industrial Mechanic • Metal Fabricator (Fitter) • Millwright • Mould Maker • Tool & Die Maker 	<ul style="list-style-type: none"> • General Machinist • Industrial Mechanic - Millwright • Industrial Maintenance Mechanic • Mechanical Technician – Tool & Die • Mould Maker

Recreation & Security Pathway

Grade 9
English / Math / Science / Exploring Technology Canadian Geography / Healthy Active Living Individual Family & Social Living / Elective
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics Healthy Active Living / Food & Nutrition
Grade 11
English / Math / Biology Healthy Active Living / Health for Life Leadership & Peer Support / Co-op
Grade 12
English / Math / Healthy Active Living Elective / Co-op



Work	Apprenticeships	College
<ul style="list-style-type: none"> • Careers in the Military • Community Centre Worker • Fitness Instructor • Instructor in Recreation & Sports Programs • Parks Operation and Services Helper • Recreation & Sports Facilities Helper • Security Guard • Ski Lift Operator • Sports Equipment Specialist • Sport Goods Retail Sales Person 	<ul style="list-style-type: none"> • Child Development Practitioner • Developmental Services Worker • Education Assistant 	<ul style="list-style-type: none"> • Coaching & Sports Developer • Fitness & Health Promotion • Golf & Recreation Management • Law & Security Administration • Paramedic • Police Foundations • Pre-Service Firefighter Education • Recreation & Leisure Services • Sports Administration • Tourism Management

Transportation – Auto Body Pathway

Grade 9
English / Math / Science / Exploring Technology Canadian Geography / Healthy Active Living Auto Body / Auto Maintenance
Grade 10
English / Math / Science / Elective Canadian History / Careers & Civics Auto Body / Auto Maintenance
Grade 11
English / Math / Art / Elective Auto Body / Co-op
Grade 12
English / Auto Body / Elective / Co-op



SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training / Environmental Spill
Fire Extinguisher / Fall Protections

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Air Craft Assemblers • Air Craft Assembly • Automotive Assembler • Auto Detailer • Automotive Painter • Car Paint Sales Person • Car Parts Stock Person • Inspectors 	<ul style="list-style-type: none"> • Alignment & Brakes Tech. • Auto Body & Collision Damage Repair – Br. 1 • Auto Body Repairer – Br. 2 • Automotive Electronic Accessory Technician • Automotive Glass Technician • Automotive Painter • Parts Technician • Tire, Wheel & Rim Mechanic 	<ul style="list-style-type: none"> • Automotive Marketing • Automotive Service Technician • Aviation Management • Motive Power Technician (Automotive)

Transportation Vehicle Maintenance Pathway

Grade 9
English / Math / Science / Exploring Technology Canadian Geography / Healthy Active Living Auto Body / Vehicle Maintenance
Grade 10
English / Math / Science / Auto Body Canadian History / Careers & Civics Elective / Vehicle Maintenance
Grade 11
English / Math / Art Co-op / Elective / Vehicle Maintenance
Grade 12
English / Elective / Vehicle Maintenance Co-op



SHSM CERTIFICATIONS

CPR, First Aid and WHMIS Training / Environmental Spill
Fire Extinguisher / Fall Protections

Work	Apprenticeships	College
<ul style="list-style-type: none"> • Air Craft Assemblers • Automotive Parts Assembler • Automotive Sales • Farm Equipment Technician • Heavy Duty Equipment Tech. • Small Engine Mechanic 	<ul style="list-style-type: none"> • Agricultural Equipment Tech. • Automotive Service & Heavy Duty Equipment Technician • Marine Engine Technician • Powered Lift Truck Technician • Recreation Vehicle Technician • Small Engine, Transmission and Motorcycle Technician • Truck & Coach Technician 	<ul style="list-style-type: none"> • Aerospace Engineering Technician • Automotive Service Technician • Aviation Technician - Aircraft Maintenance • Farm Equipment Technician • Motive Power Technician (Automotive)

COURSE DESCRIPTIONS

GRADE NINE

To access course outlines and Ontario Curriculum Policy documents, the ministry website is: <http://www.edu.gov.on.ca/eng>

ARTS: DRAMA, MUSIC, VISUAL

ADA10 DRAMA – Open

This course provides opportunities for students' dramatic forms and techniques, using material from a wide range of sources and cultures. Students will use the elements of drama to examine situations and issues that are relevant to their lives. Students will create, perform, discuss, and analyze drama, and then reflect on the experiences to develop an understanding of themselves, the art form, and the world around them.

ATC10 DANCE – Open

This course gives students the opportunity to explore their technical and compositional skills by applying the elements of dance and the tools of composition in a variety of performance situations. Students will generate movement through structured and unstructured improvisation, demonstrate and understanding of safe practices with regard to themselves and others in the dance environment, and identify the function and significance of dance within the global community.

Prerequisite: None

AVI10 VISUAL ARTS – Open

This course is exploratory in nature, offering an overview of visual arts as a foundation for further study. Students will become familiar with the elements and principals of design and the expression qualities of various materials by using a range of media, processes, techniques, and styles. Students will use the creative and critical analysis processes and will interpret art within a personal, contemporary, and historical context.

ALC10 INTEGRATED ARTS: THEATRE TECH – Open

This course is an introduction to the various elements of Technical Theatre. The course will cover all main areas of a Theatrical Production including: Set design and construction, Lighting, Sound, Costumes, Make-up, and Props. Students in this class will be part of a team that provides the Tech for a One-Act Play. Students will demonstrate innovation as they learn and apply concepts, styles, and conventions unique to the various arts and acquire skills that are transferable beyond the classroom. Students will use the creative process and responsible practices to explore solutions to integrated arts challenges.

CANADIAN GEOGRAPHY

CGC1P ISSUES IN CANADIAN GEOGRAPHY – Applied

This course focuses on current geographic issues that affect Canadians. Students will draw on their personal and everyday experiences as they explore a range of issues, including food and water supplies, competing land issues, and interactions with the natural environment, developing their awareness that issues that affect their lives are interconnected with issues in other parts of the world. Students will apply the concepts of geographic thinking and the geographic inquiry process, including spatial technologies, to investigate choices related to sustainable living in Canada.

Prerequisite: None

ENGLISH**ENG1L ENGLISH - Essential**

This course provides foundational literacy and communication skills to prepare students for success in their daily lives, in the workplace. The course is organized by strands that develop listening and talking skills, reading and viewing skills, and clearly and accurately in a variety of authentic contexts. Students develop strategies and put into practice the processes involved in talking, listening, reading, viewing, writing, and thinking, and reflect regularly upon their growth in these areas.

ENG1P ENGLISH - Applied

This course emphasizes key reading, writing, oral communication, and thinking skills that students need for success in secondary school and their daily lives. Students will study plays, short stories, and newspaper and magazine articles, and will describe and create media works. An important focus will be the correct use of spoken and written language.

FAMILY STUDIES**HIF10 EXPLORING FAMILY STUDIES – Open**

This course explores, within the context of families, some of the fundamental challenges people face: how to meet basic needs, how to relate to others, how to manage resources, and how to become responsible members of society. Students will explore adolescent development and will have opportunities to develop interpersonal, decision-making, and practical skills related to daily life. They will learn about diverse ways in which families function in Canada and will use research skills as they explore topics related to individual and family needs and resources. **Prerequisite: None**

GUIDANCE & CAREER EDUCATION**GLS10 LEARNING STRATEGIES 1- Skills for Success in Secondary School / Technology Focus****GLE10 Grade 9, Open**

This course focuses on learning strategies to help students become better, more independent learners. Students will learn how to develop and apply literacy and numeracy skills, personal management skills, and interpersonal and teamwork skills to improve their learning and achievement in school, the workplace, and the community. The course helps students build confidence and motivation to pursue opportunities for success in secondary school and beyond.

Prerequisite: For GLS10 – Recommendation of Principal
For GLE10 – Recommendation of Principal

HEALTHY ACTIVE LIVING - Open**PPL1OY (Boys Phys. Ed.) HEALTHY ACTIVE LIVING EDUCATION - Open****PPL1OX (Girls Phys. Ed.) HEALTHY ACTIVE LIVING EDUCATION - Open**

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

MATHEMATICS

MAT1L FOUNDATIONS OF MATHEMATICS - Essential

This course emphasizes further development of mathematical knowledge and skills to prepare students for success in their everyday lives, in the workplace, in the Grade 10 LDCC course, and in the Mathematics Grade 11 and Grade 12 Workplace Preparation courses. The course is organized by three strands related to money sense, measurement, and proportional reasoning. In all strands, the focus is on developing and consolidating key foundational mathematical concepts and skills by solving authentic, everyday problems. Students have opportunities to further develop their mathematical literacy and problem-solving and to continue developing their skills in reading, writing, and oral language through relevant and practical math activities.

MFM1P FOUNDATIONS OF MATHEMATICS - Applied

This course enables students to develop understanding of mathematical concepts related to introductory algebra, proportional reasoning, and measurement and geometry through investigation, the effective use of technology, and hands-on activities. Students will investigate real-life examples to develop various representations of linear relationships, and will determine the connections between the representations. They will also explore certain relationships that emerge from the measurement of three-dimensional objects and two-dimensional shapes. Students will consolidate their mathematical skills as they solve problems and communicate their thinking.

SCIENCE

SNC1L SCIENCE - Essential

This course emphasizes reinforcing and strengthening science-related knowledge and skills, including scientific inquiry, critical thinking and the relationship between science, society, and the environment, to prepare students for success in everyday life, in the workplace and in the Science Grade 11 Workplace Preparation course. Students explore a range of topics including science in daily life, properties of common materials, life sustaining processes in simple and complex organisms, and electrical circuits. Students have the opportunity to extend mathematical and scientific process skills and to continue developing their skills in reading, writing, and oral language through relevant and practical science activities.

SNC1P SCIENCE - Applied

This Course enables students to develop their understanding of basic concepts in biology, chemistry, earth and space science, and physics, and to apply their knowledge of science to everyday situations. They are also given opportunities to develop practical skills related to scientific investigation. Students will plan and conduct investigations into practical problems and issues related to the impact of human activity on ecosystems; the structure and properties of elements and compounds; space exploration and the components of the universe; and static and current electricity.

TECHNOLOGY**TIJ101 EXPLORING TECHNOLOGIES - Open**

This course enables students to further explore and develop technological knowledge and skills introduced in the elementary science and technology program. Students will be given the opportunity to design and create products and/or provide services related to the various technological areas or industries, working with a variety of tools, equipment, and software commonly used in industry. Students will develop an awareness of environmental and societal issues, and will begin to explore secondary and postsecondary education and training pathways leading to careers in technology-related fields. **Prerequisite: None**

ELECTIVE TECHNOLOGICAL SUBJECTS

TGJ101	Exploring Communications Technology
TCJ101	Exploring Construction Technology
THJ101	Exploring Green Industries
TXJ101	Exploring Hairstyling and Aesthetics
TPJ101	Exploring Health Care
TFJ101	Exploring Hospitality & Tourism (Baking)
TFJ102	Exploring Hospitality & Tourism (Foods)
TMJ101	Exploring Manufacturing Technology (Machine Shop)
TMJ102	Exploring Manufacturing Technology (Welding)
TTJ101	Exploring Transportation Technology (Auto Body)
TTJ102	Exploring Transportation Technology (Auto Maintenance)

TGJ101 EXPLORING COMMUNICATIONS TECHNOLOGY - Open

This exploratory course introduces students to concepts and skills in communications technology, including print and graphic communications, photography, and animation. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

TCJ101 EXPLORING CONSTRUCTION TECHNOLOGY - Open

This exploratory course introduces students to concepts and skills in construction technology, which encompasses plumbing, electrical wiring, masonry, heating/cooling, carpentry, and woodworking. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

THJ101 EXPLORING GREEN INDUSTRIES - Open

This exploratory course introduces students to concepts and skills related to the green industries – agriculture, forestry, horticulture, and landscaping. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

TXJ101 EXPLORING HAIRSTYLING AND AESTHETICS - Open

This exploratory course introduces students to concepts and skills related to hairstyling and aesthetics, including hair, nail, and skin care applications. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

TPJ101 EXPLORING HEALTH CARE - Open

This exploratory course introduces students to concepts and skills related to health care, which encompasses personal health promotion, child and adolescent health concerns, and various medical services, treatments, instruments, and technologies. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

TFJ101 EXPLORING HOSPITALITY AND TOURISM - Baking - Open

TFJ102 EXPLORING HOSPITALITY AND TOURISM - Foods - Open

This exploratory course introduces students to concepts and skills related to hospitality and tourism, focusing on the areas of food handling, food preparation, the origins of foods, event planning, and local tourism. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field.

TMJ101 EXPLORING MANUFACTURING TECHNOLOGY - Machine Shop – Open

Have you ever asked yourself “how is that made?” This course will explore current manufacturing processes that create the everyday items we depend on. Units on robotics, plasma cutting and blacksmithing will be covered in a fun, hands on project based learning environment. This course has been designed for students with little or no background in the use of metal-working machine tools. Basic principles and operations of the engine lathe, vertical milling machine as well as precision measuring will be covered in this class. Projects in the past have included the following: A custom handmade aluminum flashlight, belt buckles, sumo battle bots and an ornamental blacksmith project. **Students can only take one manufacturing course in Grade 9 (TMJ101 or TMJ102).**

TMJ102 EXPLORING MANUFACTURING TECHNOLOGY - Welding - Open

This exploratory course introduces students to concepts and skills related to manufacturing technology, which encompasses technical drawing, properties and preparation of materials, manufacturing techniques, and control systems. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field. **Students can only take one manufacturing course in Grade 9 (TMJ101 or TMJ102).**

TTJ101 EXPLORING TRANSPORTATION TECHNOLOGY - Auto Body - Open

TTJ102 EXPLORING TRANSPORTATION TECHNOLOGY- Auto Maintenance - Open

This exploratory course introduces students to concepts and skills related to transportation technology, which encompasses the maintenance, servicing, and repair of various types of vehicles, aircraft, and/or watercraft. Students will develop an awareness of related environmental and societal issues and will begin to explore secondary and postsecondary pathways leading to careers in the field. ** Students can only take one Transportation course in grade 9 (TTJ101 or TTJ102) **