

Pathways



COLLEGE HEIGHTS S.S. 371 College Ave. West Guelph, ON N1G 1T3

WELCOME TO COLLEGE HEIGHTS SECONDARY SCHOOL

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 programs are 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 you 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. 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!!

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 Protection

Work	Apprenticeships	College
 Aircraft Assembler Automotive Parts Assembler Automotive Sales Farm Equipment Technician Heavy Duty Equipment Technician Small Engine Mechanic 	 Agricultural Equipment Technician Automotive Service & Heavy Duty Equipment Technician Marine Engine Technician Powered Lift Truck Technician Recreation Vehicle Technician Small Engine, Transmission & Motorcycle Technician Truck & Coach Technician 	 Aerospace Engineering Technician Automotive Service Technician Aviation Technician - Aircraft Maintenance Farm Equipment Technician Motive Power Technician (Automotive)

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



Grade 9

Grade 10

SHSM CERTIFICATIONS

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

Work	Apprenticeships	College
 Air Craft Assemblers Air Craft Assembly Automotive Assembler Auto Detailer Automotive Painter Car Paint Sales Person Car Parts Stock Person Inspectors 	 Alignment & Brakes Tech. Auto Body & Collision Damage Repair - Br. 1 Auto Body Repairer - Br. 2 Automotive Electronic Accessory Technician Automotive Glass Tech. Automotive Painter Parts Technician Tire, Wheel & Rim Mechanic 	 Automotive Marketing Automotive Service Technician Aviation Management Motive Power Technician (Automotive)

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8 Credits	8 Credits	8 Credits	6 Credits	Option
English (compulsory)	English (compulsory)	English (compulsory)	English (compulsory)	
Mathematics (compulsory)	Mathematics (compulsory)	Mathematics (compulsory)	OLC401 Literacy Credit (must have been unsuccessful once and eligible twice writing OSSLT to take this course)	
Science (compulsory)	Science (if Applied, this grade Level is compulsory), or Technological Studies (elective)	Science (compulsory if you do not have 2 science credits), or Technological Studies (elective)	Elective	
Geography (compulsory)	History (compulsory)	Elective	Elective	
Physical Education	Arts (Dramatic Arts, Visual Arts, Crafts, Music) or Physical Education, or Family Studies	Elective	Co-op (4 credits) Recommended	
TIJ101 Exploring Technologies	Careers/Civics (compulsory)	Elective	Co-op (4 credits) Recommended	
Technology (elective)	Technological Studies (elective)	Co-op (2 credits) Recommended	Co-op (4 credits) Recommended	
Arts (Visual Arts, Dramatic Arts), or Family Studies (elective)	Technological Studies (elective)	Co-op (2 credits) Recommended	Co-op (4 credits) Recommended	

Grade 11

Grade 12

5th Year

Career Pathways

Our School to Career Program comprises four experiential programs that promote learning through experience and observation. The Ontario curriculum of the Creating Pathways to Success Program for career development allows for a broad range of opportunities.

Choosing a program based on their skills and ambitions, students can practice a career both within and outside of the classroom with full assistance and support, easing the transition as they move on to post-secondary education, whether in an apprenticeship, college or university.









Recreation & Security Pathway

Grade 9

English / Math / Science / Exploring Technology Canadian Geography / Healthy Active Living Individual Family and Social Living / Elective

Grade 10

English / Math / Science / Elective Canadian History / Careers & Civics Healthy Active Living / Food and 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
 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 	 Child Development Practitioner Developmental Services Worker Education Assistant 	 Coaching & Sports Developer Fitness & Heath Promotion Golf & Recreation Management Law & Security Administration Paramedic Police Foundations Pre-Service Firefighter Education Recreation & Leisure Services Sports Administration Tourism Management

Manufacturing - Welding 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



English / Math / Art / Elective Co-op / Welding

Grade 12

English / Elective / Welding / Co-op



SHSM CERTIFICATIONS

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

Work	Apprenticeships	College
 Labourers in Processing & Manufacturing Mechanical/Electrical Assembler Metalworking Machine Operator Metal Fabricators (Fitter) Machine Operators Welding Machine Operator Welder's Assistant 	 Blacksmith Fitter - Assembler (Motor Assembly) Fitter Welder Metal Fabricator (Fitter) Pressure Systems Welder Welder 	 Welding Engineering Technician Welding Engineering Technology Welding/Fitter Welding Techniques

Cooperative Education Programs

What is it?

The Co-operative Education Program allows grade 11 and 12 students to earn secondary school credits while completing a work placement. Co-op students can try out an occupation or different occupations in an actual work environment before deciding which career path is right for them. Consisting of a co-op course, a related curriculum course in any subject and a work placement, the program is monitored by a co-operative education teacher.

Why participate in co-op?

- Earn credits through workplace experience
- Match your classroom learning to a career
- Explore career options before making a firm decision
- Develop the essential skills and habits required in the workplace
- Obtain knowledge to use on a resume for postsecondary programs and future employment.

More information can be found at: http://www.ugdsb.on.ca/coop/



Dual Credit Program

What is it?

Dual Credits are college courses that count on both your secondary school diploma as well as a college program. We offer Dual Credit courses in the apprenticeship and college pathways at Conestoga, Georgian and Humber Colleges. Dual Credit students are supported by secondary school teachers in their transition to college.

Why participate in the Dual Credit Program?

- Become familiar with college culture and expectations to make a successful transition after secondary school graduation
- Clarify a career interest; discover a pathway beyond secondary school
- Get a head start on learning and training for their future careers.
- See the connection between secondary school and your post secondary goal
- Get excited about the next steps towards a challenging career!

Contact the College Heights Co-op Department for more information or visit http://www.ugdsb.on.ca/dualcredit/







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 - flat Propane Safety / Arc Flash Safety / Fire Extinguisher / Lockout/tagging

Work	Apprenticeships	College
 Chainsaw & Skidder Operator Labourers in Processing And Manufacturing Mechanical / Electrical Assembler Metalworking Machine Operator 	 Bearings Mechanic CNC Programmer Die Designer Draftsperson General Machinist Industrial Mechanic Metal Fabricator (Fitter) Millwright Mould Maker Tool & Die Maker 	 General Machinist Industrial Mechanic Millwright Industrial Maintenance Mechanic Mechanic Mechanical Technician Tool & Die Mould Maker

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 (Food)

Grade 11

English / Math / Art
Co-op / Elective
Hospitality & Tourism (Foods)

Grade 12

English / Math Hospitality & Tourism (Foods) Co-op / Elective



SHSM CERTIFICATIONS

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

Work	Apprenticeships	College
 Bartender Bed & Breakfast Operator Cook's Helper Caterer Dishwasher Fast Food Server Food & Beverage Server Hostess Restaurant Owner Waiter / Waitress 	 Chef Cook - Assistant Br. 1 Cook - Br. 2 	 Baking & Pastry Arts Chef Conference & Event Planner Cook Culinary Management Food & Beverage Service Hospitality & Tourism Hotel, Spa, Restaurant

Ontario Youth Apprenticeship Program

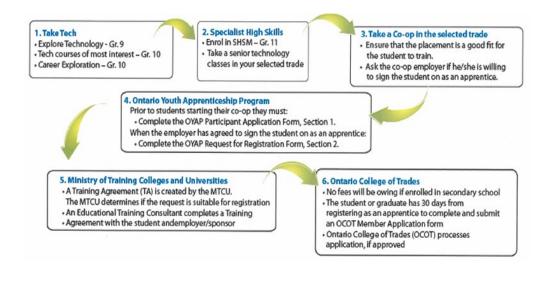
What is it?

OYAP is a School to Work program that opens the door for students to explore and work in apprenticeship occupations starting in Grade 11 or Grade 12 through the Cooperative Education program. Students have an opportunity to become registered apprentices and work towards becoming certified journeypersons in a skilled trade while completing their secondary school diplomas.

Why participate in OYAP?

- It is an opportunity to start training in a skilled trade while completing the requirements for an Ontario Secondary School Diploma;
- Gain information on the apprenticeship process
- Employers can connect with motivated and enthusiastic candidates to fill their employment needs.

More information can be found at: http://www.ugdsb.on.ca/oyap/



Specialist High Skills Major

What is it?

The Specialist High Skills Major (SHSM) is a ministry-approved specialized program that allows grade 11 and 12 students to focus their learning on a specific economic sector while meeting the requirements for the Ontario Secondary School Diploma (OSSD) and assists in their transition from secondary school to apprenticeship training, college, university, or the workplace.

Why participate in SHSM?

- An SHSM allows students to experience a range of customized learning opportunities in an area that interests them, and helps to engage them in their school program.
- An SHSM program gives students the opportunity to explore, identify, and refine career goals and make informed decisions related to post-secondary education or training and next steps towards a career.
- An SHSM helps students gain confidence in their ability to succeed, and see the connections between their studies, the world beyond high school, and their future careers.

Contact the College Heights SHSM Lead, Caryl Durst for more information or visit http://www.ugdsb.on.ca/shsm/





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 (Food)



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
 Baker's Helper Bakery - Private Bakery - Grocery Stores Caterer Dishwasher Fast Food Server Food & Beverage Server Hostess Waiter / Waitress 	 Baker Baker - Patisserie Cook Assistant Br. 1 Cook - Br. 2 Special Events Coordinator 	 Baking & Pastry Arts Chef Conference & Event Planner Cook Culinary Management Food & Beverage Service Hospitality & Tourism 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
 Home Support Worker Nanny Senior's Helper 	 Aboriginal Child Development Practitioner Child & Youth Worker Child Development Practitioner Developmental Services Worker Educational Assistant 	 Dental Assistant Massage Therapist Medical Lab. Assist. / Tech. Occupational Therapist Assistant Office Assistant - Medical, Optician Pharmacy Technician Personal Support Worker Veterinary Assistant Veterinary Technician

Arts Pathway

Grade 9

English / Math / Science / Visual Arts
Exploring Technology / Canadian Geography
Healthy Active Living / Drama / Theatre Technology

Grade 10

English / Math / Science / Drama / Canadian History Careers & Civics / Dance / Guitar / Visual Arts or Crafts / Theatre Technology

Grade 11

English / Math / Dance / Guitar
Drama / Co-op Ed (2 credits) / 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
 Actor/Artist/Musician Disc Jockey Film Production/Tech Make-up Artist Screen Printing Set Builder/Dresser Set Rigger Sign Maker Singer 	 Carpenter Draftsperson Entertainment Industry Electrical Technician Gemsetter/Goldsmith Painter and Decorator Special Events Coordinator 	 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 - Co-op / Elective Child Development & 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
 Babysitter Community Service Day Care Worker Drop-In Centre Worker Nanny 	 Aboriginal Child Development Practitioner Child & Youth Worker Child Development Practitioner Educational Assistant Developmental Services Worker 	 Child & Youth Worker Community & Justice Services Correctional Worker Development Service Worker Early Childhood Educator Educational Assistant Recreation & Leisure Services Social Service Planner Special Needs Support Worker

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
 Cosmetics Sales Desairologist Hair Removal Specialist Funeral Assistant Make Up Artist Nail Technician Salon Reception / Assist. Salon Owner / Operator 	Hairstylist	 Advanced Special Effects Makeup, Prosthetics & Props Aesthetician Colour Technician Cosmetic Techniques & Mgmt. Fashion Merchandising Hair Stylist Nail Technician Spa Management

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
 City Worker / Gardener Garden Centre Sales Garden Centre Supervisor Groundskeeper Landscape Design Helper Landscaping & Grounds Maintenance Nursery & Greenhouse Worker 	 Arborist Fruit Grower Horticulture Technician Utility Arborist 	 Arboriculture Ecosystem Management Technician / Technologist Environmental Technician Technologist Garden Centre Retail Sales & Marketing Horticultural / Landscape Technician Urban Forestry

Communications / Computer 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 / Communications Technology Elective

Grade 11

English / Math / Art Computer Technology

Grade 12

English / Elective Computer Technology / Co-op

Mark



College

WORK	Apprenticeships	College
 Cable Installer Tech. Cable Repair Tech. Computer Support Technician Data Entry Clerk Flash Designer Graphics Designer Photography Retail-Computers Games, Parts Technical Support Videography Web Site Designer 	 Appliance Service Technician Electronic Service Technician Information Tech. Support Hardware Technician Network Technician IT Contact Centre Customer Care Agent Sales Agent Technical Support Agent Micro-Electronics Manufacturer Network Cabling Specialist 	 Computer Applications Support Computer Programmer Computer Repair & Maintenance Computer Systems Tech. Computer Systems Technology Game Development Graphic Design Retail Operations

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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 Co-op

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
 Architectural Asst. Cable Television Service Cabinet Making Manufac. Carpet Installer Construction Trades Helper & Labourer Countertop Manufac. Deck Installer Maintenance Tech. Retail Sales Building Centres Hardware Stores 	 Brick & Stone Mason Cement Finisher Drywall, Acoustic & Lathing Applicator Drywall Finisher & Plasterer Electrician General Carpenter Plumber Roofer Restoration Mason 	 Architectural Technologist Brick & Stone Mason Cabinet Maker Construction Engineering Supervisor Construction Carpentry

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 Discovering the Workplace

Grade 11

English / Math / Art / Science Co-op / Green Industries

Grade 12

English / Green Industries / Small Engines Co-op / Elective / Agriculture



SHSM CERTIFICATIONS

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

Work	Apprenticeships	College
 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 	 Agricultural Equip Tech. Agriculture Dairy Herdsperson Fruit Grower Swine Herdsperson Horse Groom Horse Harness Maker Retail Meat Cutter Saddlery 	 Agricultural Technologist Agricultural & Heavy Duty Equine Massage Therapist Equipment Technician Farm Manager Horse Industry Technician Veterinarian Office Admin. Veterinarian Technician