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Principal:  
Mary Zammit

Vice-Principals:  
Angela Ayeni  
Angelo Kontos

Field Office/  
Family of Schools:  
South/Clarkson

Superintendent:  
Nina Jaiswal

Trustee:  
Brad MacDonald

Student Population:  
800

School Colours:  
Gold and Black

Sports Team:  
Chargers

## Clarkson Secondary School

(9-12; Specialized Programs - ESL, FI, Peel Schools for International Students; Elite Athlete Programs, SHSM – Manufacturing)

2524 Bromsgrove Road  
Mississauga L5J 1L8

### Highlights:

- ❖ Specialized programs in French Immersion and ESL
- ❖ Peel Schools for International Students
- ❖ Host site for elite athlete programs
- ❖ Specialist High Skills Major in Manufacturing
- ❖ Opportunities for all students to develop leadership skills through academic, arts and athletic programs

### More about Clarkson:

Since 1970, Clarkson Secondary School has been committed to developing competent, confident and involved individuals who are motivated and prepared to seek and achieve success.

In addition to traditional academics, Clarkson offers a comprehensive French Immersion program, as well English as a Second Language, SHSM in Manufacturing, and elite athletic programs. The school also has a robust selection of extracurricular activities, which includes an extensive range of athletic teams, a wide variety of clubs and a comprehensive art/drama/music program. Clarkson also has a strong Co-op program that provides students with an opportunity to gain practical work experience in a variety of settings.

Clarkson students and staff have a strong sense of community involvement with a standing tradition of charitable contributions every school year. The school's annual Cancer Drive raises tens of thousands of dollars each year for Camp Oochigeas, a camp for kids affected by childhood cancers. Clarkson's students nurture a climate of respect and tolerance that is consistent with the school's vision:

*Clarkson Secondary School is a caring, learning community that achieves excellence in education, builds a strong commitment toward social responsibility and develops lifelong learners who are confident and respectful of themselves and others.*

## COURSES

**Grade 9    Grade 10    Grade 11    Grade 12**

<b>THE ARTS</b>					
Drama		ADA 100	ADA 200	ADA 3M0	ADA 4M0
Music – Instrumental Beginner Experienced		AMU 1O5	AMU 2O0	AMU 3M0	AMU 4M0
Music – Stage Band (Guitar and Keyboard)			AMH 2O0	AMH 3M0	AMH 4M0
Music – Vocals		AMV 1O0	AMV 2O0	AMV 3M0	AMV 4M0
Visual Arts		AVI 1O0	AVI 2O0	AVI 3M0	AVI 4M0
Visual Arts - Photography				AWQ 300	AWQ 4M0
Visual Arts – Media Design					AWD 4M0
<b>BUSINESS STUDIES</b>					
Introduction to Business			BBI 200		
Introduction to Information Technology in Business		BTT 1O0			
Introduction to Financial Accounting				BAF 3M0	
Principles of Accounting					BAT 4M0
Introduction to International Business					BBB 4M0
Organizational Behaviour and Human Resources					BOH 4M0
<b>CANADIAN AND WORLD STUDIES</b>					
Issues in Canadian Geography – Academic		CGC 1D0			
Issues in Canadian Geography – Applied		CGC 1P0			
Canadian History Since World War I – Academic			CHC 2D0		
Canadian History Since World War I – Applied			CHC 2P0		
Civics and Citizenship			CHV 2O0		
Understanding Canadian Law – University/College				CLU 3M0	
World Issues: A Geographic Analysis					CGW 4U0
Canadian and International Law					CLN 4U0
<b>COMPUTER STUDIES</b>					
Introduction to Computer Science			ICS 200		
Computer Science				ICS 3U0	ICS 4U0
<b>ENGLISH</b>					
English – Academic		ENG 1D0	ENG 2D0		
English – Applied		ENG 1P0	ENG 2P0		
English - College - Understanding Contemporary First Nations, Métis, and Inuit <b>(equivalent to ENG 3C0)</b>				NBE 3C0	ENG 4C0
English – University - Understanding Contemporary First Nations, Métis, and Inuit <b>(equivalent to ENG 3U0)</b>				NBE 3U0	ENG 4U0
English – Locally Developed		ENG 1L0	ENG 2L0		
Literacy Studies					OLC 4O0
<b>ENGLISH AS A SECOND LANGUAGE</b>					
See additional chart following course chart					
<b>FRENCH AS A SECOND LANGUAGE</b>					
Core French – Beginners		FSF 1O0			
Core French – Academic		FSF 1D0	FSF 2D0		
Core French – Applied		FSF 1P0			
Core French – University				FSF 3U0	FSF 4U0
<b>FRENCH IMMERSION</b>					
Français		FIF 1D0	FIF 2D0	FIF 3U0	FIF 4U0

## COURSES

	Grade 9	Grade 10	Grade 11	Grade 12
Sciences	SNC 1DV			
Geographie	CGC 1DV			
Histoire		CHC 2DV	CHW 3MV	
Carrieres		GLC 2OV		
Civiques		CHV 2OV		
Introduction à l'anthropologie, psychologie et sociologie			HSP 3UV	
<b>GUIDANCE AND CAREER EDUCATION</b>				
Career Studies		GLC 200		
Co-operative Education – 4 credits or 3 credit Co-op plus first period class				COP 4XC
Co-operative Education – 2 credits (half day)				COP 2XC
Learning Strategies	GLS 100 GLE 100	GLE 200	GLE 300	GLS 400 GLE 400
<b>HEALTH AND PHYSICAL EDUCATION</b>				
Healthy Active Living Education	PPL 1OF PPL 1OM	PPL 2OF PPL 2OM	PPL 3OF PPL 3OM	PPL 400 PPL 400
Personal and Fitness Activities		PAF 2OF PAF 2OM	PAF 3OF PAF 3OM	PAF 4OF PAF 4OM
Recreation and Fitness Leadership				PLF 4M0
Introduction to Kinesiology				PSK 4U0
<b>INTERNATIONAL LANGUAGES</b>				
		<b>LEVEL 1/2</b>	<b>LEVEL 3</b>	<b>LEVEL 4</b>
Spanish		LWS BD0	LWE CU0	LWE DU0
<b>MATHEMATICS</b>				
Mathematics – Locally Developed Compulsory	MAT 1L0	MAT 1L9	MAT 2L0	
Principles of Mathematics	MPM 1D0	MPM 2D0		
Foundations of Mathematics	MFM 1P0	MFM 2P0		
Functions			MCR 3U0	
Functions and Applications			MCF 3M0	
Foundations for College Mathematics			MBF 3C0	MAP 4C0
Mathematics for Work and Everyday Life			MEL 3E0	
Advanced Functions				MHF 4U0
Calculus and Vectors				MCV 4U0
Mathematics of Data Management				MDM 4U0
<b>SCIENCE</b>				
Science – Academic	SNC 1D0	SNC 2D0		
Science – Applied	SNC 1P0	SNC 2P0		
Biology – College			SBI 3C0	
Biology – University			SBI 3U0	SBI 4U0
Chemistry – University			SCH 3U0	SCH 4U0
Physics – University			SPH 3U0	SPH 4U0
Environmental Science			SVN 3M0	
<b>SOCIAL SCIENCES AND HUMANITIES</b>				
Equity and Social Justice: From Theory to Practice				HSE 4M0
Food and Nutrition	HFN 100			
Exploring Family Studies		HIF 200		
Current Aboriginal Issues			NDA 3M0	
Food and Nutrition Science				HFA 4C0

## **COURSES**

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
				HFA 4U0
Individuals and Families in a Diverse Society				HHS 4C0 HHS 4U0
Understanding Fashion			HNC 3C0	
Introduction to Anthropology, Psychology and Sociology			HSP 3U0	
Challenges and Change in Society				HSB 4U0
<b>TECHNOLOGICAL EDUCATION</b>				
Exploring Technologies	TIJ 100			
Communications Technology		TGJ 2O0	TGJ 3M0	TGJ 4M0
Computer Engineering			TEJ 3M0	TEJ 4M0
Manufacturing Technology Engineering		TMJ 2O0	TMJ 3M0	TMJ 4M0
Technological Design			TDJ 3M0	TDJ 4M0
Transportation Technology		TTJ 2O0		
Specialist High Skills Major in Manufacturing			TDJ 3M0 TMJ 3M0	TDJ 4M0 TMJ 4M0

## **Supporting English Language Learners (ESL/ELD)**

<b>ENGLISH AS A SECOND LANGUAGE</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>
English as a Second Language	ESL AO	ESL BO	ESL CO	ESL DO	ESL EO

<b>SUBJECT SUPPORT COURSES FOR ENGLISH LANGUAGE LEARNERS</b>	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
Geography	CGC 1PL			
Drama	ADA 1OL			
Science	SNC 1DL	SNC 2DL		
History		CHC 2PL		
Presentations and Speaking Skills			EPS 3OL	
English		ENG 2DL	ENG 3U3	ENG 4U3
Literacy				OLC 4OL
Careers		GLC 2OL		
Civics and Citizenship		CHV 2OL		
Food and Nutrition		HFN 2OL		

## SPECIALIST HIGH SKILLS MAJOR (SHSM)

### MANUFACTURING

In order to meet the high demand in the coming years for quality skilled workers in the Manufacturing Industry, Clarkson Secondary School is excited to offer this unique program. The Specialist High Skills Major (SHSM) program involves students completing a package of 9 courses that meets the needs of all students with an interest in developing the skills necessary for a career in the Manufacturing Sector. The Manufacturing industry acknowledges and supports the program through certification and appropriate industry cooperative learning placements.

In order to earn a SHSM Red Seal Diploma in Manufacturing, students:

1. Complete a bundle of 9 specific courses (see chart below) including 2 cooperative education credits taken in day school in the grade 11 school year;
2. Complete 6 Certifications and/or training programs;
3. Participate in Experiential Learning and career exploration activities within the sector (e.g. job shadowing, job twinning);
4. Gain "Reach Ahead" experience connected to the student's post-secondary plans.
5. Complete a Sector-Partnered Experience (SPE) in one of 3 areas: Coding; Innovation, Creativity & Entrepreneurship (ICE); or Mathematics.

\*For more information about this SHSM Ministry program, please [click here](#).

<http://www.edu.gov.on.ca/morestudentsuccess/sector/manufacturing.html>

**SHSM students may complete credits from any pathway in combination according to the following chart:**

	<b>Apprenticeship/ College/University</b>
	<b>Grades 11-12</b>
<b>Major Credits (4 credits)</b> (Specialist High Skills Major Technology Courses) TDJ 3M0/4M0 TGJ 3M0/4M0 <i>** Some substitutions are possible</i>	<b>4</b>  1 credit may be substituted with 1 cooperative education credit in addition to the 2 required co-op credits
<b>English (1 credit)</b>	<b>1</b> (grade 11 or grade 12)
<b>Mathematics (1 credit)</b>	<b>1</b> (grade 11 or grade 12)
<b>Other Required Credits (1 credit)</b>	<b>1</b> (grade 11 or 12 Science)  Credit may be substituted with 1 cooperative education credit in addition to the 2 required co-op credits
<b>Co-op (2 credits)</b> (an additional 3 <sup>rd</sup> co-op credit can be substituting a Science <b>OR</b> major credit)	<b>2</b>  Associated co-op credits linked to a course in the Pathway Chart

\* For additional information on specific SHSM program course requirements, see a school guidance counsellor.