



Clarkson Secondary School

(9-12, FI)

2524 Bromsgrove Road

Mississauga

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Website:

clarksonss.

peelschools.org

Principal:

Cathy Patterson

Vice-Principals:

Sheila Hoyte

Sumble Kaukab

Field Office/

Family of Schools:

South/Clarkson

Superintendent:

Anthony Edwards

Trustee:

Brad MacDonald

Student Population:

900

School Colours:

Gold and black

Sports Team:

Chargers

Highlights:

- ❖ Regional French Immersion and ELL program
- ❖ Site for International Students
- ❖ 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 and an English as a Second Language program. The school's extracurricular program also includes a complete range of athletic teams, a wide variety of clubs, and a comprehensive music/art/drama program. Clarkson also has a strong Co-op program, allowing students 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 each school year. The school's spring charity drive raises an average of \$20,000 each year. 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 to social responsibility and develops lifelong learners who are confident and respectful of self and others.

COURSES	Grade 9	Grade 10	Grade 11	Grade 12
THE ARTS				
Dramatic Arts	ADA 100+	ADA 200+	ADA 3M0+	ADA 4M0+
Dramatic Arts – Acting			ADG 300+	
Music – Instrumental Beginner Experienced	AMU 1O2++	AMU 2O0++	AMU 3M0++	AMU 4M0++
Music – Vocals	AMV 1O0++	AMV 2O0++	AMV 3M0++	AMV 4M0++
Music – Keyboard	AMK 1O1++	AMK 2O2++	AMK 3M0++	AMK 4M0++
Music – Guitar		AMG 2O0++	AMG 3M0++	AMG 4M0++
Visual Arts	AVI 1O0++	AVI 2O0++	AVI 3M0++	AVI 4M0+++
Visual Arts – Photography			AWQ 3M0+++	AWQ 4M0+++
BUSINESS STUDIES				
Introduction to Business		BBI 200		
Introduction to Information Technology in Business	BTT 100			
Introduction to Financial Accounting			BAF 3M0	
Info. and Communications Tech.: The Digital Environment			BTA 300	
Principles of Accounting				BAT 4M0
Introduction to International Business				BBB 4M0
Sports and Event Marketing			IDC 300	
Organizational Behaviour and Human Resources				BOH 4M0
Information Technology in Business – Web Page Design				BTX 4C0
CANADIAN & WORLD STUDIES				
Geography of Canada – Academic	CGC 1D0			
Geography of Canada – Applied	CGC 1P0			
Canadian History Since World War I – Academic		CHC 2D0		
Canadian History Since World War I – Applied		CHC 2P0		
Civics		CHV 2OH		
World History to the 16th Century			CHW 3M0	
Understanding Canadian Law – University/College			CLU 3M0	
Travel and Tourism			CGG 300	
World History: The West and the World (2011/12)				CHY 4U0
Environmental and Resource Management (2011/12)				CGR 4M0
Analyzing Current Economic Issues (2010/11)				CIA 4U0
Canada and World Issues (2010/11)				CGW 4U0
Canadian and International Law (2010/11)				CLN 4U0
COMPUTER STUDIES				
Introduction to Business	BTT 100			
Info. And Communications Tech: The Digital Environment			BTA300	
Introduction to Computer Studies		ICS 200		
Introduction to Computer Science			ICS 3U0	
Computer Science				ICS 4U0
Web Page Design – Information Technology In Business				BTX 4C0
ENGLISH				
English – Academic	ENG 1D0	ENG 2D0		
English – Applied	ENG 1P0	ENG 2P0		
English – College			ENG 3C0	ENG 4C0
English – University			ENG 3U0	ENG 4U0
Media Studies			EMS 300	
English – Locally Developed	ENG 1L0	ENG 2L+		
Literacy Studies				OLC 400
The Writer’s Craft				EWC 4U0

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ENGLISH AS A SECOND LANGUAGE				
	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4/5
English as a Second Language	ESL AO++	ESL BO++	ESL CO++	ESL DO/EO++
FRENCH AS A SECOND LANGUAGE				
Core French – Academic	FSF 1D0+	FSF 2D0+		
Core French – Applied	FSF 1P0+			
Core French – University			FSF 3U0+	FSF 4U0+
FRENCH IMMERSION				
Francais	FIF 1D*	FIF 2D*	FIF 3U*	FIF 4U*
Sciences	SNC 1D*			
Geographie	CGC 1D*			
Histoire		CHC 2D*	CHW 3M*	
Carrières/Civiques		CHV 20*/GLC 20*		
Entrepreneuriat			BDP 3O*	
GUIDANCE & CAREER EDUCATION				
Career Studies		GLC 20H		
Co-operative Education – 4 credits or (3 credit Co-op plus first period class)			GLN 400	
Co-operative Education – 2 credits (half day)				GLN 409
Learning Strategies	GLS 100 GLE 100	GLE 200	GLE 300	GLS 400 GLE 400
HEALTH & PHYSICAL EDUCATION				
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 3OF++ PAF 3OM++	PAF 40F+++ PAF 40M+++
Recreation and Fitness Leadership				PLF 4C0+++
Exercise Science 2010/11 (offered in alternate years)				PSE 4U0++
INTERNATIONAL LANGUAGES				
		LEVEL 1/2	LEVEL 3	LEVEL 4
Spanish		LWS BD0	LWE CU0	LWE DU0
MATHEMATICS				
Mathematics – Locally Developed Compulsory	MAT 1L0	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
Mathematics for College Technology				MCT 4C0
SCIENCE				
Science – Academic	SNC 1D0	SNC 2D0		
Science – Applied	SNC 1P0	SNC 2P0		
Science – Essentials	SNC 1L0			
Biology – College			SBI 3C0+	

COURSES	Grade 9	Grade 10	Grade 11	Grade 12
Biology – University			SBI 3U0+	SBI 4U0
Chemistry – College (offered alternate years starting 2010)				SCH 4C0+
Chemistry – University			SCH 3U0+	SCH 4U0+
Environmental Science (offered alternate years starting 2012)			SVN 3E0	
Physics – College				SPH 4C0
Physics – University			SPH 3U0	SPH 4U0

SOCIAL SCIENCES & HUMANITIES

Food and Nutrition	HFN 1O0++			
Individual and Family Living		HIF 2O0++		
Parenting			HPC 3O0+	
Fashion and Creative Expression			HNC 3O0++	
Introduction to Anthropology, Psychology and Sociology			HSP 3M0	
World Religions (offered in 2011)			HRF 3O0	
Issues in Human Growth and Development				HHG 4M0
Philosophy				HZT 4U0
Food and Nutrition Science				HFA 4M0++
Individuals and Families in a Diverse Society				HHS 4M0
Challenges and Change in Society				HSB 4M0

TECHNOLOGICAL EDUCATION

Exploring Technologies	TIJ 1O0+			
Communications Technology		TGJ 2O0++	TGJ 3M0++	TGJ 4M0++
Construction Technology		TCJ 2O0++	TCJ 3C0++	
Manufacturing Technology		TMJ 2O0++	TMJ 3C0++	TMJ 4C0++
Manufacturing Engineering Technology			TMJ 3M0++	TMJ 4M0++
Technological Design		TDJ 2O0++	TDJ 3M0++	TDJ 4M0++
Transportation Technology		TTJ 2O0++		
Specialist High Skills Major in Manufacturing			TDJ 3MH++ TDJ 3EH++ TMJ 3CH++ TMJ 3MH++	TDJ 4MH++ TDJ 4EH++ TMJ 4CH++ TMJ 4MH++

Legend:

+ : \$1 – \$10 ++ : \$11 – \$50 +++ : more than \$50

❶ One section of ENG 4U0 may be offered online through the school. Consult your guidance counsellor for details.

SPECIALIST HIGH SKILLS MAJOR (SHSM)

MANUFACTURING

In order to meet the demand in the coming years for quality skilled workers in the manufacturing and affiliated industries, Clarkson is excited to offer this unique program. Careers, such as engineer, engineer technologist, inventory analyst, electrician, millwright, precision machinist are a few of the many career pathway choices possible through this program. The Specialist High Skills Major (SHSM) at CSS involves students completing a package of courses that meets the needs of all students with an interest in developing the skills necessary for a career in these fields.

In order to complete a SHSM in manufacturing students must complete the following:

1. a package of 9 specific courses (see chart below).
2. Industry Certification.
3. obtain job experience (ex. co-op work experience, job shadowing, job twinning).
4. document the industry essential skills using the Ontario Skills Passport.
5. gain "Reach Ahead Experience" (ex. through an apprenticeship program or post secondary institution).

	Workplace		Apprenticeship		College		University	
	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
Major Credit	TDJ 30	TDJ 40	TDJ 3M	TDJ 4M	TDJ 3M	TDJ 4M	TDJ 3M	TDJ 4M
Major Credits (2 of)	TMJ 30	TMJ 40	TMJ 3C	TMJ 4C	TMJ 3C/3M	TMJ 3C/3M	TMJ 3M	TMJ 4M
English Credits		ENG 4E	ENG 3C		ENG 3C		ENG 3U	
Math Credits	MEL 3E			MEL 4E MAP 4C		MAP 4C0 or MCT 4C0		MDM 4U0 or MHF 4U0 or MCV 4U0
Science Credits in in Grade 11 or 12		SNC3E		SPH4C		SPH4C	SPH3U	
Co-op 2 or 4 Credits	GLN 400/407		GLN 400/407		GLN 400/407		GLN 400/407	

If you have any questions please see a counsellor or Mr. Morettin / Mr. Petsinis.