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Website:

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Principal:

Mary Zammit

Vice-Principals:

Altheia Grant

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, an English as a Second Language program, elite athlete programs, and an SHSM program in Manufacturing. 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 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 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					
Drama		ADA 100	ADA 200	ADA 3M0	ADA 4M0
Music – Concert Band (Experienced)		AMU 102	AMU 200	AMU 3M0	AMU 4M0
Music – Guitar and Keyboard			AMH 200	AMH 3M0	AMH 4M0
Music – Vocals		AMV 100	AMV 200	AMV 3M0	AMV 4M0
Visual Arts		AVI 100	AVI 200	AVI 3M0	AVI 4M0
Visual Arts - Photography				AWQ 300	AWQ 4M0
Visual Arts – Visual Design					AWD 4M0
BUSINESS STUDIES					
Introduction to Business			BBI 200		
Introduction to Information Technology in Business		BTT 100			
Introduction to Financial Accounting				BAF 3M0	
Business Marketing				BMI 3C0	
Principles of Accounting					BAT 4M0
Introduction to International Business					BBB 4M0
Organizational Behaviour and Human Resources					BOH 4M0
CANADIAN AND WORLD STUDIES					
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 200		
Understanding Canadian Law – University/College				CLU 3M0	
World Issues: A Geographic Analysis					CGW 4U0
Canadian and International Law					CLN 4U0
COMPUTER STUDIES					
Introduction to Computer Science			ICS 200		
Computer Science				ICS 3U0	ICS 4U0
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 2L0		
Literacy Studies					OLC 400
The Writer's Craft					EWC 4U0
ENGLISH AS A SECOND LANGUAGE					
See additional chart following course chart					
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					
Français		FIF 1D0	FIF 2D0	FIF 3U0	FIF 4U0
Sciences		SNC 1DV			
Géographie		CGC 1DV			

COURSES

	Grade 9	Grade 10	Grade 11	Grade 12
Histoire		CHC 2DV	CHW 3MV	
Exploration des choix de carrière		GLC 2OV		
Éducation à la citoyenneté		CHV 2OV		
Introduction à l'anthropologie, psychologie et sociologie			HSP 3UV	
GUIDANCE AND CAREER EDUCATION				
Career Studies		GLC 2O0		
Co-operative Education – 4 credits				COP 4XC
Co-operative Education – 2 credits (half day)				COP 2XC
Learning Strategies	GLS 1O0 GLE 1O0	GLE 2O0	GLE 3O0	GLS 4O0 GLE 4O0
HEALTH AND PHYSICAL EDUCATION				
Healthy Active Living Education	PPL 1OF PPL 1OM	PPL 2OF PPL 2OM	PPL 3OF PPL 3OM	PPL 4O0
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
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		
Biology – College			SBI 3C0	
Biology – University			SBI 3U0	SBI 4U0
Chemistry – College (<u>not</u> offered 2019-2020)				SCH 4C0
Chemistry – University			SCH 3U0	SCH 4U0
Physics – College (offered 2019-2020)				SPH 4C0
Physics – University			SPH 3U0	SPH 4U0
Environmental Science			SVN 3M0	
SOCIAL SCIENCES AND HUMANITIES				
Food and Nutrition	HFN 1O0			
Exploring Family Studies		HIF 2O0		
Raising Healthy Children			HPC 3O0	
Gender Studies			HSG 3M0	
Current Aboriginal Issues			NDA 3M0	

Clarkson Secondary

COURSES

	Grade 9	Grade 10	Grade 11	Grade 12
Human Development Throughout the Lifespan				HHG 4M0
Food and Nutrition Science				HFA 4C0 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	
World Religions and Belief Traditions: Perspectives, Issues, and Challenges, Grade 11 University/College Preparation			HRT 3M0	
Challenges and Change in Society				HSB 4U0
TECHNOLOGICAL EDUCATION				
Exploring Technologies	TIJ 1O0			
Communications Technology		TGJ 2O0	TGJ 3M0	TGJ 4M0
Computer Engineering			TEJ 3M0	TEJ 4M0
Manufacturing Technology			TMJ 3C0	TMJ 4C0
Manufacturing Technology Engineering			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)

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

SUBJECT SUPPORT COURSES FOR ENGLISH LANGUAGE LEARNERS	Grade 9	Grade 10	Grade 11	Grade 12
Geography	CGC 1PL			
Drama	ADA 1OL			
Science	SNC 1PL	SNC 2DL		
Learning Strategies	GLS 1OL			
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 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 an SHSM in manufacturing students must complete the following:

1. Complete a bundle of 9 specific courses (see chart below);
2. Complete Sector Certifications and/or training programs;
3. Participate in experiential learning and career exploration activities within the sector (e.g. co-op work experience, job shadowing, job twinning);
4. Learn and document the industry Essential Skills and work habits using the Ontario Skills Passport;
5. Gain "Reach Ahead" experience connected to the student's post-secondary plans.

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

	Apprenticeship/ College/University Grades 11-12
Major Credits (4 credits) (Specialist High Skills Major Technology Courses) (total from a <u>combination</u> of Grade 11 and Grade 12 Major courses)	4 1 credit may be substituted with 1 cooperative education credit in addition to the 2 required co-op credits
English (1 credit)	1 (grade 11 or grade 12)
Mathematics (1 credit)	1 (grade 11 or grade 12)
Other Required Credits (1 credit)	1 (grade 11 or 12 Science) Credit may be substituted with 1 cooperative education credit in addition to the 2 required co-op credits
Co-op (2 credits) (an additional 3 rd co-op credit can be substituting a Science OR major credit)	2 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.