



# **Brampton Centennial Secondary School**

**(9-12; Specialized Programs – FI, Caring for the Future Regional Health Care Co-op;**

**SHSM – Construction and Information and Communications Technology)**

**251 McMurchy Avenue South  
Brampton L6Y 1Z4**

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**Website:**

**<http://bcssonline.com>**

**Principal:**

**Paul Freier**

**Vice-Principals:**

**Mike Bowman**

**Julie De Maeyer**

**Field Office/**

**Family of Schools:**

**North/Brampton**

**Centennial**

**Superintendent:**

**Jeffrey deFreitas**

**Trustees:**

**Kathy McDonald**

**Suzanne Nurse**

**Student Population**

**1,250**

**School Colours:**

**Red, Yellow and Black**

**Sports Team:**

**Bucks**

## **Highlights:**

- ❖ French Immersion program in Grade 9 -12
- ❖ Specialist High Skills Major Programs in Construction and Information and Communications Technology
- ❖ Caring for the Future, a regional co-op program for students exploring health care careers
- ❖ Regional Secondary Communications Program - LD
- ❖ Offering a wide diversity of programs and alternatives to meet the needs of students, provide opportunities for success, and develop productive contributing citizens
- ❖ Numerous curricular and extracurricular activities that support students' academic, social, intellectual and physical growth

## **More about Brampton Centennial:**

Brampton Centennial is a community school that reflects Brampton's rich, multicultural heritage as well as its urban and rural roots.

Brampton Centennial students and staff are active at school and in the community. At school, there is a high level of student involvement in athletics and clubs. In the community, they volunteer to help support numerous charities, agencies and social programs.

There is a long tradition of academic excellence at Brampton Centennial. Student achievement is recognized through a variety of academic, athletic and co-curricular awards. Staff are also committed to excellence and model lifelong learning in all they do to support student success.

# Brampton Centennial Secondary

## COURSES

	Grade 9	Grade 10	Grade 11	Grade 12
<b>THE ARTS</b>				
Dramatic Arts	ADA 100	ADA 200	ADA 3M0	ADA 4M0
Dramatic Arts – Film and Video		ADV 200		
Music – Instrumental Band – Beginner – Experienced	AMI 1O3 AMI 1O5	AMI 200	AMI 3M0	AMI 4M0
Music – Vocal	AMV 100	AMV 200	AMV 3M0	
Music – Guitar		AMG 200		
Visual Arts	AVI 100	AVI 200	AVI 3M0	AVI 4M0
Visual Arts – Drawing and Painting		AWM 200	AWM 3M0	AWM 4M0
Visual Arts – Computer			AWS 3M0	AWS 4M0
Visual Arts – Photography		AWQ 200		
<b>BUSINESS STUDIES</b>				
Information and Communication Technology in Business	BTT 100			
Introduction to Business		BBI 200		
Information and Communication Technology: The Digital Environment			BTA 3O0	
Accounting Essentials			BAI 3E0	
Entrepreneurship: The Venture			BDI 3C0	
Marketing: Goods, Services, Events			BMI 3C0	
Financial Accounting Fundamentals			BAF 3M0	
Financial Accounting Principles				BAT 4M0
International Business Fundamentals				BBB 4M0
Entrepreneurship: Venture Planning for the Electronic Age				BDV 4C0
Business Leadership: Management Fundamentals				BOH 4M0
Business Leadership: Becoming a Manager				BOG 4E0
Sports and Entertainment Marketing				IDC 4U0
<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 (1/2 Credit)		CHV 2O0		
Forces of Nature: Physical Processes and Disasters			CGF 3M0	
American History			CHA 3U0	
World History to the end of the 15th Century			CHW 3M0	
The Individual and the Economy			CIE 3M0	
Understanding Canadian Law in Everyday Life			CLU 3E0	
Understanding Canadian Law – University/College			CLU 3M0	
Living in a Sustainable World				CGR 4E0
The Environment and Resource Management				CGR 4M0
Canada: History, Identity and Culture				CHI 4U0
World History since the 15 <sup>th</sup> Century				CHY 4U0
Analyzing Current Economic Issues				CIA 4U0

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## COURSES

	Grade 9	Grade 10	Grade 11	Grade 12
Canadian and International Law				CLN 4U0
Canadian and World Politics				CPW 4U0
<b>COMPUTER STUDIES</b>				
Introduction to Computer Studies		ICS 200		
Introduction to Computer Science			ICS 3U0	
Introduction to Computer Programming			ICS 3C0	
Computer Science				ICS 4U0
Computer Programming				ICS 4C0
<b>ENGLISH</b>				
English – Academic	ENG 1D0	ENG 2D0		
English – Applied	ENG 1P0	ENG 2P0		
English – Locally Developed Compulsory	ENG 1L0	ENG 2L0		
English – College			ENG 3C0	ENG 4C0
English – University			ENG 3U0 *	ENG 4U0
English – Workplace			ENG 3E0	ENG 4E0
Media Studies			EMS 300	
Literacy Skills: Reading and Writing				OLC 400
The Writer's Craft – University - College				EWC 4U0 EWC 4C0
Studies in Literature – University				ETS 4U0
<b>FIRST NATIONS, MÉTIS AND INUIT STUDIES</b>				
Current Aboriginal Issues in Canada			NDA 3M0	
Contemporary First Nations, Métis and Inuit Voices – University <i>*Note: This may substitute for ENG 3U0</i>			NBE 3U0 *	
<b>FRENCH AS A SECOND LANGUAGE</b>				
Core French – Academic	FSF 1D0	FSF 2D0		
Core French – Applied	FSF 1P0	FSF 2P0		
Core French – Beginner	FSF 100			
Core French – University			FSF 3U0	FSF 4U0
<b>FRENCH IMMERSION</b>				
French - Academic	FIF 1D0	FIF 2D0		
French - Applied		FIF 2P0		
French - University			FIF 3U0	FIF 4U0
Geography of Canada	CGC 1DV			
Canadian History		CHC 2DV		
Healthy Active Living Education	PPL 103 PPL 105			
Outdoor Activities – Co-ed		PAD 20V		
Civics and Citizenship (1/2 Credit)		CHV 20V		
Career Studies (1/2 Credit)		GLC 20V		
Introduction to Business		BBI 20V		
Presentation and Speaking Skills			EPS 30V	
Leadership and Peer Support			GPP 30V	
Introduction to Anthropology, Psychology and Sociology – University			HSP 3UV	
World Issues: A Geographic Analysis - University				CGW 4UV

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	Grade 9	Grade 10	Grade 11	Grade 12
The Writer's Craft - University				EWC 4UV
<b>GUIDANCE AND CAREER EDUCATION</b>				
Career Studies (1/2 Credit)		GLC 200		
Leadership and Peer Support			GPP 300	
Co-operative Education – 2 credit – 3-credit – 4-credit				COP 2XC COP 3XC COP 4XC
Regional Co-op (Caring for the Future) 4 credit				COP 1XC
Learning Strategies	GLE 100 GLS 100	GLE 200	GLE 300	GLE 400 GLS 400
<b>HEALTH AND PHYSICAL EDUCATION</b>				
Healthy Active Living Education	PPL 10F PPL 10M	PPL 20F PPL 20M	PPL 30F PPL 30M	PPL 40F PPL 40M
Individual and Small Group Activities	PAI 10F			
Personal and Fitness Activities		PAF 20F	PAF 30M PAF 30F	PAF 40M
Large Group Activities – Basketball Focus		PAL 200		
Health for Life			PPZ 3C0	
Exercise Science				PSK 4U0
Recreation and Fitness Leadership				PLF 4M0
<b>INTERNATIONAL LANGUAGES</b>				
		<b>LEVEL 1/2</b>	<b>LEVEL 3</b>	<b>LEVEL 4</b>
Spanish		LWS B00	LWS CU0	LWS DU0
<b>MATHEMATICS</b>				
Principles of Mathematics		MPM 1D0	MPM 2D0	
Foundations of Mathematics		MFM 1P0	MFM 2P0	
Mathematics – Locally Developed Compulsory		MAT 1L0	MAT 2L0	
Functions			MCR 3U0	
Functions and Applications			MCF 3M0	
Foundations for College Mathematics			MBF 3C0	
Mathematics for Work and Everyday Life			MEL 3E0	
Advanced Functions				MHF 4U0
Calculus and Vectors				MCV 4U0
Mathematics of Data Management				MDM 4U0
Foundations for College Mathematics				MAP 4C0
Foundations for College Technology				MCT 4C0
Mathematics for Work and Everyday Life				MEL 4E0
<b>SCIENCE</b>				
Science – Academic		SNC 1D0	SNC 2D0	
Science – Applied		SNC 1P0	SNC 2P0	
Science – Locally Developed Compulsory		SNC 1L0	SNC 2L0	
Biology – College			SBI 3C0	
Biology – University			SBI 3U0	SBI 4U0
Chemistry – College				SCH 4C0
Chemistry – University			SCH 3U0	SCH 4U0
Environmental Science – Workplace			SVN 3E0	
Environmental Science – College/University			SVN 3M0	
Physics – College				SPH 4C0
Physics – University			SPH 3U0	SPH 4U0

# Brampton Centennial Secondary

## COURSES

### Grade 9

### Grade 10

### Grade 11

### Grade 12

<b>SOCIAL SCIENCES AND HUMANITIES</b>				
Exploring Family Studies		HIF 100		
Food and Nutrition			HFN 200	
Introduction to Anthropology, Psychology and Sociology – University			HSP 3U0	
Introduction to Anthropology, Psychology and Sociology – College			HSP 3C0	
Housing and Home Design			HLS 300	
Working with Infants and Young Children			HPW 3C0	
Food and Culture			HFC 3M0	
Understanding Fashion			HNC 3C0	
World Religions and Belief Traditions: Perspectives, Issues, and Challenges			HRT 3M0	
Personal Life Management				HIP 400
The World of Fashion				HNB 4M0
Nutrition and Health – University				HFA 4U0
Nutrition and Health – College				HFA 4C0
Families in Canada – University				HHS 4U0
Families in Canada – College				HHS 4C0
Human Development Throughout the Lifespan				HHG 4M0
Challenge and Change in Society				HSB 4U0
Philosophy: Questions and Theories				HZT 4U0
<b>TECHNOLOGICAL EDUCATION</b>				
Exploring Technologies		TIJ 100		
Communications Technology			TGJ 200	TGJ 4M0
Communications Technology: TV, Video and Movie Production			TGV 3M0	
Communications Technology: Print and Graphic Communications			TGG 3M0	TGG 4M0
Communications Technology: Interactive New Media and Animation			TGI 3M0	
Computer Technology			TEJ 200	
Computer Engineering Technology			TEJ 3M0	TEJ 4M0
Construction Technology			TCJ 200	TCJ 3C0 TCJ 4C0
Health Care - College				TPJ 3C0 TPJ 4C0
Health Care – College/University				TPJ 3M0 TPJ 4M0
Technological Design - Open			TDJ 200	TDJ 300 TDJ 400
Technological Design- College/University				TDJ 3M0 TDJ 4M0
Transportation Technology – Open			TTJ 200	
Transportation Technology – Vehicle Ownership – Open				TTJ 300
Transportation Technology – College				TTJ 3C0 TTJ 4C0

## SPECIALIST HIGH SKILLS MAJOR (SHSM)

### INFORMATION AND COMMUNICATIONS TECHNOLOGY

In order to meet the high demand in the coming years for quality skilled workers in the Information and Communications Technology industry, Brampton Centennial S.S. is excited to offer this unique program. Our Specialist High Skills Major (SHSM) program in Information and Communications Technology (ICT) will allow our students to be part of the rapid growth in emerging media and technologies in their community, across Canada and globally. Our SHSM will offer students two areas of focus in ICT: Digital Media and Computer Systems Engineering. The Digital Media pathway will allow students to explore computer animation, video and radio broadcasting, video gaming and application development. The Computer Systems Engineering pathway will focus on computer programming, computer engineering and robotics.

In order to complete an SHSM in Information and Communications Technology, students:

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 and 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		Workplace	
	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
<b>Major Credits (4 credits)</b> 4 credits total from a combination of Grade 11 and Grade 12 courses • Digital Media OR • Computer Systems Engineering	ADV 3M AWE 3M AWS 3M TDJ 3M TDJ 3O TGI 3M TGV 3M	ADV 4M AWE 4M TDJ 4M TDJ 4O TGJ 4M	ADV 3M AWE 3M AWS 3M TDJ 3M TGI 3M TGV 3M	ADV 4M AWE 4M TDJ 4M TGJ 4M	ADV 3M AWE 3M AWS 3M TDJ 3M TGI 3M TGV 3M	ADV 4M AWE 4M TDJ 4M TGJ 4M	TDJ 3O TDJ 4O	TDJ 4O
	ICS 3C TCJ 3C TDJ 3M TDJ 3O TEJ 3M	ICS 4C SPH 4C TCJ 4C TDJ 4M TDJ 4O TEJ 4M	ICS 3C TCJ 3C TDJ 3M TEJ 3M	ICS 4C SPH 4C TCJ 4C TDJ 4M TEJ 4M	ICS 3U SPH 3U TDJ 3M TEJ 3M	ICS 4U SPH 4U TDJ 4M TEJ 4M	ICS 3C TCJ 3C TDJ 3O	ICS 4C TCJ 4C TDJ 4O
<b>English (1 credit)</b>	ENG 3C ENG 3E	ENG 4C ENG 4E	ENG 3C	ENG 4C	ENG 3U	ENG 4U	ENG 3E	ENG 4E
<b>Mathematics (1 credit)</b>	MEL 3E MBF 3C		MBF 3C MCF 3M		MCF 3M MCR 3U		MEL 3E MBF 3C	
<b>Other Required Credits (1 credit)</b>	ADA 3M AMI 3M AMV 3M AVI 3M BAF 3M BDI 3C BMI 3C BTA 3O CLU 3M EMS 3O SBI 3C SVN 3E SVN 3M	ADA 4M AMV 4M AVI 4M AWS 4M BAT 4M BBB 4M BDV 4C BOG 4E BOH 4M SCH 4C SPH 4C	ADA 3M AMI 3M AMV 3M AVI 3M BAF 3M BDI 3C BMI 3C CLU 3M SBI 3C SVN 3M	ADA 4M AMV 4M AVI 4M AWS 4M BAT 4M BBB 4M BDV 4C BOH 4M SCH 4C SPH 4C	ADA 3M AMI 3M AMV 3M AVI 3M BAF 3M BAT 4M CLU 3M SBI 3U SCH 3U SPH 3U SVN 3M	ADA 4M AMV 4M AVI 4M AWS 4M BAT 4M BBB 4M BOH 4M CIA 4U CLN 4U SBI 4U SCH 4U SPH 4U	BTA 3O EMS 3O SVN 3E	BOG 4E
<b>Co-op (2 credits)</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.

## SPECIALIST HIGH SKILLS MAJOR (SHSM)

### CONSTRUCTION

In order to meet the high demand in the coming years for quality skilled workers in the Construction Industry, Brampton Centennial Secondary School is excited to offer this unique program. The Specialist High Skills Major (SHSM) at Brampton Centennial 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 the Construction Industry. The Construction Industry acknowledges and supports the program through certification and appropriate industry placements.

In order to complete an SHSM in Construction, students:

1. Complete a bundle of 10 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. 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		Workplace	
	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
<b>Major Credits (4 credits)</b> • 4 credits total from a combination of Grade 11 and Grade 12 courses	TCJ 3C TDJ 3M TTJ 3C HLS 3O AVI 3M	TCJ 4C TDJ 4M TTJ 4C SPH 4C AVI 4M	TCJ 3C TDJ 3M TTJ 3C HLS 3O AVI 3M	TCJ 4C TDJ 4M TTJ 4C SPH 4C AVI 4M TTJ 4C	TDJ 3M SPH 3U AVI 3M	TDJ 4M SPH 4U AVI 4M	TCJ 3C TTJ 3C HLS 3O TDJ 3O	TCJ 4C TDJ 4O TTJ 4C
<b>English</b> (1 credit required except Workplace requires 2)		ENG 4C		ENG 4C		ENG 4U	ENG 3E	ENG 4E
<b>Mathematics</b> (2 credits required except Workplace requires 1)	MBF 3C MCF 3M	MAP 4C MCT 4C	MBF 3C MCF 3M	MAP 4C MCT 4C	MCF 3M MCR 3U	MDM 4U MHF 4U MCV 4U	MEL 3E	
<b>Other Required Credits</b> (1 credit)	SVN 3M BAF 3M BDI 3C BMI 3C ICS 3C SBI 3C	SPH 4C BAT 4M BBB 4M BDV 4C ICS 4C SCH 4C	SVN 3M BAF 3M BDI 3C BMI 3C ICS 3C SBI 3C	SPH 4C BAT 4M BBB 4M BOH 4M BDV 4C ICS 4C SCH 4C	SVN 3M BAF 3M SPH 3U SBI 3U SCH 3U ICS 3U	SCH 4U SPH 4U SBI 4U SCH 4U BAT 4M BBB 4M BOH 4M ICS 4U	BAI 3E BTA 3O SVN 3E MEL 3E	BOG 4E
<b>Co-op</b> (2 credits)	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.