



HOLY TRINITY CATHOLIC SECONDARY SCHOOL



Construction Specialist High Skills Major Program Application 2024-2025

Holy Trinity offers the Specialist High Skills Major (SHSM) Program in Arts & Culture, Business Leadership, Construction, and a Mechatronics-focused Manufacturing program. The SHSM is a Ministry-approved program that allows students to focus their learning on a specific economic sector, while meeting the requirements of the Ontario Secondary School Diploma and graduating with a Specialist Red Seal on their Diploma. This career-focused program is designed to help prepare students for the transition from secondary school to apprenticeship training, college, university or the workplace. The Construction SHSM at Holy Trinity Catholic Secondary School will focus on fundamental knowledge and skills specific to the Science Technology Engineering Arts, and Mathematics (STEAM) fields. Students will be actively engaged in construction-related exhibitions, community demonstrations, community events, competitions, workshops, training courses, and certifications. Through sector and community partnerships, students will gain industry-standard exposure to the careers and skills of the construction industry.

SHSM Components

- 1. Bundle of Credits towards graduation Pathway (including co-op)**
- 2. Certifications** - (example: Cardiopulmonary Resuscitation (CPR) and automated external defibrillation (AED), first aid, basic health and safety, WHMIS, working at heights, hoisting and rigging, technique training, etc.)
- 3. Reach Ahead Experience** (construction industry-related field trips and experiences with real people and organizations in the Industry)
- 4. Experiential Learning Experience** (workshops)
- 5. Sector Partnered Experience** (SPE's: co-ops)

Student Information

Name:

OEN:

Current Grade:

Student Email:

Student Phone#:

Parent/Guardian Email:

Parent/guardian Phone#:

Parent/Guardian Signature:

Program Start date:

Do we have your permission/consent for photos to be taken during events for SHSM promotion on school and program social media platforms and/or paraphernalia?

Please respond to this email, yes or no, whether we have your permission. No explanation is required.

Signature required: _____

☐ Yes, you have my consent.

No thanks

Pathway (circle one): Apprenticeship / College / University / Workplace

Next Steps... Arrange an interview with Mr. Hiland to choose courses that will fulfill your SHSM requirements. When filling out your option sheet for next year, check the SHSM box in MyBlueprint. Once accepted into the program, make an appointment with Mr. Pillai in Student Services.

Course Requirement Notes

A. Four Major Credits - choose 4 from the list below

The four courses must include at least one Grade 11 and one Grade 12 credit, and may include one cooperative education credit related to the sector. This cooperative education credit would be additional to the two that are required in the bundle - see below:

- Construction/Woodworking (TCJ/TWJ)
- Automotive (TTJ)
- Tech Design (TDJ)
- Visual Arts (AVI)
- Physics (SPH)
- Canadian and World Issues (CGW)

B. Four other required credits - choose 4 from the list below:

***you must choose 1 English, 1 Math, and then 2 credits from the business and science list (the English and Math credits may be ones you need for graduation anyway, regardless of being in the SHSM program):

For the apprenticeship training, college, and university pathways, the four credits include:

- one in English;
- two in mathematics (one credit must be in Grade 12); and
- one in science or business studies (or a cooperative education credit related to the sector, which would be additional to the two cooperative education credits required in the bundle; see below);

For the workplace pathway, the four credits include:

- two in English (one credit must be in Grade 12)
- one in mathematics; and
- one in science or business studies (or a cooperative education credit related to the sector, which would be additional to the two cooperative education credits required in the bundle)

C. Cooperative Education (NGC): Two Credits in Grade 11 or 12 related to the major credits

You can earn them in one or a combination of the three following ways:

- In School - 2 credits, takes up 2 periods in a semester
- Night school - 1 credit, can take one in each semester
- Summer school - 1 credit, can take one a summer

The following four requirements are planned by SHSM Lead, Mr. Hiland

2. Seven Sector-Recognized Certifications and/or Training Courses/Programs

1. Cardiopulmonary Resuscitation (CPR) Level C – includes automated external defibrillation (AED)
2. Health and safety – basic Standard
3. First Aid
4. Working at Heights
5. Workplace Hazardous Materials Information System (WHMIS)
6. Hoisting and rigging (tentative)
7. Advanced training in a technology or technique (tentative)

3. Reach Ahead Experience: Construction industry-related field trips and experiences with real people and organizations in the Industry

4. Experiential Learning Experience: Students are provided one or more reach ahead experiences – opportunities to take the next steps along their chosen pathway

5. Sector Partnered Experience: Students engage with a sector partner and apply skills to gain insight into the relationship between this sector and ICE (innovation, creativity, and entrepreneurship), coding, and/or mathematical literacy.

For more information on Specialist High Skills Major programs visit www.haltonpathways.ca

Construction Specialist High Skills Major Requirements

A. Four Major SHSM Subject Credits - choose 4 from the list below

CHOOSE 2 GRADE 11 CREDITS AND 2 GRADE 12 CREDITS (OR ONE ADDITIONAL COOP)

Construction (TCJ) Automotive (TTJ)		Construction (TCJ) Automotive (TTJ) Tech Design (TDJ) Visual Arts (AVI)		Tech Design (TDJ) Visual Arts (AVI) Physics (SPH) Canadian and World Issues(CGW)		Woodworking(TWJ) Construction (TCJ)	
Apprenticeship		College		University		Workplace	
11	12	11	12	11	12	11	12
TCJ3C	TCJ4C	TCJ3C	TCJ4C	TDJ3M	TDJ4M	TWJ3E	TWJ4E
TTJ3C	TTJ4C	TTJ3C	TTJ4C	AVI3M	AVI4M		
		TDJ3M	TDJ4M	SPH3U	SPH4U		
		AVI3M	AVI4M		CGW4U		

B. Four other required credits **CHOOSE 4 CREDITS**

English CHOOSE 1 CREDIT						English CHOOSE 2 CREDITS	
Apprenticeship		College		University		Workplace	
11	12	11	12	11	12	11	12
NBE3C	ENG4C	NBE3C	ENG4C	NBE3U	ENG4U	NBE3E	ENG4E
Math CHOOSE 1 GRADE 11 CREDIT AND 1 GRADE 12 CREDIT						Math CHOOSE 1 CREDIT	
Apprenticeship		College		University		Workplace	
11	12	11	12	11	12	11	12
MBF3C	MAP4C	MBF3C	MAP4C	MCF3M	MDM4U	MEL3E	MEL4E
				MCR3U	MHF4U		
Business or Science CHOOSE 1 CREDIT (OR ONE ADDITIONAL COOP)						Business or Science CHOOSE 1 CREDIT (OR ONE ADDITIONAL COOP)	
Apprenticeship		College		University		Workplace	
11	12	11	12	11	12	11	12
BMI3C	BDV4C	BAF3M	BBB4M	BAF3M	BBB4M	MEL3E	MEL4E
SBI3C		BMI3C	BOH4M	ICS3U	BOH4M		
BDI3C		SBI3C	BDV4C	SBI3U	ICS4U		
		BDI3C		SCH3U	SBI4U		
				SPH3U	SCH4U		
					SPH4U		

C. Cooperative Education (NGC): Two Credits in Grade 11 or 12 related to the major credits

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