



OUR LADY OF MOUNT CARMEL

INFORMATION and COMMUNICATION TECHNOLOGY

Specialist High Skills Major Program



9 Credits: 4 ICT Major Subjects, 1 English (11/12), 1 Math (11/12), 1 Elective (11/12), 2 Co-op Credits

	UNIVERSITY		COLLEGE		APPRENTICESHIP / TRAINING		WORKPLACE	
	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12	Grade 11	Grade 12
ICT MAJOR SUBJECTS <i>(4 Major credits)</i>	TGG 3M1 Graphic Design TGV 3M1 Video Production TDJ 3M1 Tech Design ICS 3U1 Computer Programming	TGG 4M1 Graphic Design TGV 4M1 Video Production TDJ 4M1 Tech Design ICS 4U1 Computer Programming	TGG 3M1 Graphic Design TGV 3M1 Video Production TDJ 3M1 Tech Design ICS 3C1 Computer Programming	TGG 4M1 Graphic Design TGV 4M1 Video Production TDJ 4M1 Tech Design ICS 4C1 Computer Programming	TGG 3M1 Graphic Design TGV 3M1 Video Production TDJ 3M1 Tech Design ICS 3C1 Computer Programming	TGG 4M1 Graphic Design TGV 4M1 Video Production TDJ 4M1 Tech Design ICS 4C1 Computer Programming	TDJ 3O	BTX 4E
ENGLISH <i>(1 credit)</i>	ENG 3U	ENG 4U	ENG 3C	ENG 4C	ENG 3E or ENG 3C	ENG 4E or ENG 4C	ENG 3E	ENG 4E
MATH <i>(1 credit)</i>	MCR 3U MCF 3M	MDM 4U MCV 4U MHF 4U	MBF 3C MCF 3M	MAP 4C	MBF 3C MCF 3M MEL 3E	MAP 4C	MEL 3E	MEL 4E
CHOICE <i>(1 credit)</i>	*choice of business studies, science or arts courses contextualized for ICT sector		*choice of business studies, science or arts courses contextualized for ICT sector		*choice of business studies, science or arts courses contextualized for ICT sector		*choice of business studies, science or arts courses contextualized for ICT sector	
CO-OP <i>(2 credits)</i>	Minimum of 2 credits at a Co-operative Education Placement in the SHSM sector		Minimum of 2 credits at a Co-operative Education Placement in the SHSM sector		Minimum of 2 credits at a Co-operative Education Placement in the SHSM sector		Minimum of 2 credits at a Co-operative Education Placement in the SHSM sector	
RELIGION <i>(1 credit)</i>	RELIGION		RELIGION		RELIGION		RELIGION	



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Specialist High Skills Major Program



What is a Specialist High Skills Major (SHSM) Program?

The SHSM is a ministry-approved specialized program that allows students to focus their learning on a specific economic sector while meeting the requirements for the Ontario Secondary School Diploma (OSSD) and assists in their transition from secondary school to apprenticeship training, college, university or the workplace.

Required Components for the Information and Communication Technology SHSM

A bundle of nine Grade 11 and Grade 12 credits.

- i. 4 information and communications technology major credits that provide sector-specific knowledge and skills
- ii. 3 other required credits from the Ontario curriculum in English, mathematics, and a choice of a business studies, science, or the arts in Grade 11 or Grade 12. In these courses, some expectations are met through the learning activities contextualized to the information and communication technology sector; and
- iii. 2 co-operative education credits that provide authentic learning experiences in a workplace setting, enabling students to refine, extend, apply, and practice sector-specific knowledge and skills.

6 sector-recognized certifications and/or training courses/programs (3 compulsory and a choice of 3 elective from a list of additional certifications and training courses/programs).

Experiential learning & career exploration activities within the sector.

“Reach ahead” experiences connected with the student’s post-secondary pathway.

Development of essential skills and work habits required in the sector and use of the Ontario Skills Passport (OSP) for purposes of documentation.

Benefits

How will the ICT SHSM program benefit students?

- Customize their secondary school education to suit their interests
- Earn sector-recognized certifications and training
- Access resources, equipment, and expertise not available in their regular high school programs
- Helps students gain confidence in their ability to succeed and see the connections between their studies and the world beyond

Faith

What are the distinctive expectations of a SHSM graduate of Our Lady of Mount Carmel?

- An Effective Communicator
- A Reflective, Creative and Holistic Thinker
- A Self-Directed, Responsible, and Lifelong Learner
- A Collaborative Contributor
- A Caring Family Member and
- A Responsible Citizen.