

## INFORMATION & COMMUNICATIONS TECHNOLOGY

### What is SHSM?

Specialist High Skills Majors let students focus on a career path that matches their skills and interests while meeting the requirements of the Ontario Secondary School Diploma (OSSD). Students complete a bundle of courses and gain valuable work experience through Co-op. SHSM programs lead to all post-secondary pathways – university, college, apprenticeship, and the workplace.

### Why consider SHSM – INFORMATION AND COMMUNICATIONS TECHNOLOGY?

This program enables students to:

- Customize their secondary school education to suit their interests and skills
- Complete sector recognized certifications to build their résumé
- Prepare for post-secondary opportunities
- Explore and refine their career goals
- Earn the SHSM Red Seal designation on their OSSD

### Required Certifications (3)

CPR-C with AED

Standard First Aid

generic WHMIS

### Elective Certifications (choose 3)

advanced training in a technique (web design, coding, etc)	advanced training in a technology	anti-oppression and allyship training	basic electrical safety
CISCO networking	computer hardware	counterfeit detection	customer service
electronics – basic	elevated work platforms	ergonomics	fall protection
health & safety basic	infection control	intellectual property	interfacing equipment
Internet security	ladder safety training	leadership skills	lighting /sound equipment
lockout/tagging	network cabling	network configuration	portfolio development
project management	recording equipment	sector software -1	sector software -2
specialized skills training program / competition		technical support	Working at Heights

Apply at: <https://bit.ly/YRDSBSHSMappor>



SCAN ME

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2 Reach Ahead events		2 Experiential Learning events	
examples include: <ul style="list-style-type: none"><li>● Campus/Program tours (in person/virtual)</li><li>● post-secondary fair (OUF, OCIF, in-school)</li><li>● College/University application workshops</li><li>●Scholarship seminars</li></ul>		examples include: <ul style="list-style-type: none"><li>● YR Skills competition</li><li>● contests and hackathons</li><li>● job shadow / part time job in sector</li><li>● career talk or career fair</li></ul>	
1 Sector-Partnered Experience			
ICE training innovation creativity entrepreneurship		contextualized coding	mathematical literacy
2 Cooperative Education Credits			
Potential Co-op placements for this sector:			
network technician video technician media technician retail sales/service		graphic design television production network cabling multimedia marketing	programmer electronic service tech website designer software development
4 ICT Major Credits			
Grade 11 (select at least 1)		Grade 12 (select at least 1)	
AWQ3M      Photography AWS3M      Digital Imaging SPH3U      Physics TGJ3M      Communications Technology		AWQ4M      Photography SPH4C/4U      Physics TGJ4O/4M      Communications Technology	
		Dual Credit courses may apply	

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Plus, select ONE of ...					
<b>AVI3M</b>	Visual Arts	<b>BDI3C</b>	Entrepreneurship: The Venture	<b>BMI3C</b>	Intro to Marketing
		<b>CLU3M</b>	Understanding Canadian Law	<b>SCH3U</b>	Chemistry
<b>AWS3O/4M</b>	Digital Media	<b>BOH4M</b>	Organizational Behaviour	<b>MEL4E</b>	Math for Everyday Life
<b>SPH3U</b>	Physics	<b>SPH4C/4U</b>	Physics	<b>GLE40/GLS40</b>	Learning Strats/Skills
<b>OLC40</b>	Literacy Course	<b>ICS3C/3U</b>	Computer Science	<b>CIA4U</b>	Economics
1 Required Math credit					
<b>Grade 11</b>	MBF3C	MCF3M	MEL3E	MCR3U	
1 Required English credit					
<b>Grade 11</b>	ENG3E	ENG3C	ENG3U	NBE3C/3E/3U	



### *DID YOU KNOW...*

Sector Partner Experiences, Reach Ahead and Experiential Learning Events are all available through Langstaff Secondary School and the Regional SHSM Team.

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