ICT
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/YRDSBSHSMapp or

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2 Reach Ahead events	2 Experiential Learning events
examples include: • Campus/Program tours (in person/virtual) • post-secondary fair (OUF, OCIF, in-school) • College/University application workshops • Scholarship seminars	examples include: • YR Skills competition • contests and hackathons • job shadow / part time job in sector • career talk or career fair

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	graphic design	programmer
video technician	television production	electronic service tech
media technician	network cabling	website designer
retail sales/service	multimedia marketing	software development

4 ICT Major Credits

Grade 11 (select at least 1)

AWQ3M	Photography
AWS3M	Digital Imaging
SPH3U	Physics
TGJ3M	Communications Technology

Grade 12 (select at least 1)

AWQ4M	Photography
SPH4C/4U	Physics
TGJ4O/4M	Communications Technology

Dual Credit courses may apply

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Plus, select ONE of …					
AVI3M	Visual Arts	**BDI3C**	Entrepreneurship: The Venture	**BMI3C**	Intro to Marketing
		CLU3M	Understanding Canadian Law	**SCH3U**	Chemistry
AWS3O/4M	Digital Media	**BOH4M**	Organizational Behaviour	**MEL4E**	Math for Everyday Life
SPH3U	Physics	**SPH4C/4U**	Physics	**GLE40/GLS40**	Learning Strats/Skills
OLC40	Literacy Course	**ICS3C/3U**	Computer Science	**CIA4U**	Economics

1 Required Math credit			
Grade 11			
MBF3C	MCF3M	MEL3E	MCR3U

1 Required English credit			
Grade 11			
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.

Join the SHSM@LANGSTAFF GOOGLE CLASSROOM for information on sector postings and events:

CODE: gimfmz2

Apply at: https://bit.ly/YRDSBSHSMapp or

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