

**What is SHSM?**

Specialist High Skills Majors allow students to focus on a career path that matches their skills and interests while meeting the requirements of the Ontario Secondary School Diploma (OSSD)

**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 resume
- Prepare for post-secondary opportunities
- Explore and refine their career goals
- Earn the SHSM Distinction on their OSSD
- Engage in experiential learning with like-minded peers

**Required Certifications (3)**

- CPR level C (with AED)
- Standard First Aid
- WHMIS generic

**Sector Partner Contextualized Content (SPE) NEED 1 of:**

- Innovation, Creativity, Entrepreneurship (ICE)
- Coding
- Mathematical Literacy

**Elective Certifications (min 3)**

Include, but are not limited to:

- advanced training (web design, coding, etc)
- counterfeit detection
- basic electrical safety
- customer service
- fall protection
- Internet security
- leadership skills
- computer hardware
- portfolio development
- ergonomics
- recording equipment

**Possible Reach Ahead / Experiential Learning (min 1 for each)**

Include, but are not limited to:

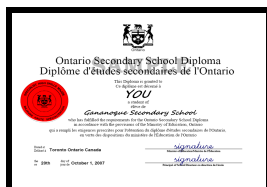
- university/college workshops
- industry tours
- skills competitions
- career fairs
- guest speakers
- Ontario Science Centre
- cyber expos, hackathons
- job shadow

*\*My Pathways Planner will show 1/1 when 2 or more of each have been recorded.*

**Co-op Placements (minimum 2 credits- ½ a day for 1 semester)**

Students apply their learning from an SHSM pathway course in an authentic learning environment. Future careers may include one of the following (this is not a complete list of careers for this sector):

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|--|---|
| <ul style="list-style-type: none"> <li>● Network Technician</li> <li>● Video Technician</li> <li>● Media Technician</li> <li>● Retail Sales/Service</li> <li>● Graphic Design</li> </ul> | <ul style="list-style-type: none"> <li>● Multimedia Marketing</li> <li>● Programmer</li> <li>● Website Designer</li> <li>● Software Developer</li> <li>● Network Cabling</li> </ul> |
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**APPLY TO SHSM!**  
[bit.ly/YRDSBSHSMapp](http://bit.ly/YRDSBSHSMapp)

<b>Minimum of TWO credits of COOPERATIVE EDUCATION</b>			
<b>Plus Four Major Credits between grade 11 and 12 with a focus in Digital Media, Computer, Science or Technology</b>			
<b>Grade 11 (select at least 1)</b> ADD3O/3M - Drama ADV3M - Drama (Film/Video) ASM3O/3M - Media Arts AWD3O/AWD3M - Visual Design AWQ3O/3M - Photograph ICS3C/ICS3U - Computer Science IDC3O2 - Game Design SPH3U - Physics TCJ3C - Construction Technology TDJ3O/TDJ3M - Technological Design TEJ3M - Computer Engineering TGJ3O/TGJ3M - Communications Technology		<b>Grade 12 (select at least 1)</b> ASM4M - Media Arts AWD4M - Visual Design AWQ4M - Photography ICS4C/ICS4U - Computer Science IDC4U3 - 3D Visualization and Virtualization SPH4C/SPH4U - Physics TCJ4C - Construction Technology TDJ4M - Technological Design TEJ4M - Computer Engineering TGJ4M - Communications Technology TGG4M - Yearbook  * An additional credit of Coop can be substituted as a major * Dual credit (Discuss with Guidance)	
<b>Plus: ONE additional credit in ART, BUSINESS or SCIENCE in Grade 11 OR 12</b>			
ADA3O/3M/4M	AMT3M/4M	BBB4M	GLS3O/4O
ADD3O/3M	AMV3M/4M	BOH4M	SBI3C/3U/4U
AMK3O/3M/4M	AWD3O/3M	CIE3M	SCH3U/4C/4U
AVI3O/3M/4M	AMG3M/4M	CLU3M	SPH3U/4C/4U
ASM3O/3M/4M	BAF3M	CIA4U	OLC4O
AWQ3O/3M/4M	BDI3C	CLN4U	
AMI3M/4M	BMI3C	MEL3E/4E	
AMR3M	BAT4M	GLE3O/4O	
* An additional credit of Coop can be substituted as a related course			
<b>Plus: ONE Required Math</b>			
MBF3C	MCF3M	MCR3U	MEL3E
MCT4C	MAP4C	MDM4U/MHF4U/MCV4U	MEL4E
<b>Plus: ONE Required English</b>			
NBE3E	NBE3C	NBE3U	