



CREDITS

4 Information & Communications Major Credits* (at least 1 in Grade 11 & 1 in Grade 12)		1 Arts or Business or Science Credit*	
Grade 11	Grade 12	Grade 11	Grade 12
<input type="checkbox"/> AWQ30 - Photography <input type="checkbox"/> GPP30 - Peer Support <input type="checkbox"/> ICS3U - Comp Science <input type="checkbox"/> IDC30 - Leadership <input type="checkbox"/> SPH3U - Physics <input type="checkbox"/> TCJ3C - Construction Tech <input type="checkbox"/> TCJ3E - FF Construction Tech <input type="checkbox"/> TDJ3M - Tech Design <input type="checkbox"/> TEJ3M - Comp Engineering <input type="checkbox"/> TGJ3M - Comm Tech <input type="checkbox"/> TMJ3C - Mfg Tech <input type="checkbox"/> TMJ3E - Mfg Tech <input type="checkbox"/> TMJ3M - Mfg Tech	<input type="checkbox"/> ICS4U - Comp Science <input type="checkbox"/> IDC40 - Leadership <input type="checkbox"/> IDC4U - Leadership <input type="checkbox"/> SPH4U - Physics <input type="checkbox"/> TCJ4C - Construction Tech <input type="checkbox"/> TCJ4E - FF Construction Tech <input type="checkbox"/> TDJ4M - Tech Design <input type="checkbox"/> TEJ4M - Comp Engineering <input type="checkbox"/> TGJ4M - Comm Tech <input type="checkbox"/> TMJ4C - Mfg Tech <input type="checkbox"/> TMJ4E - Mfg Tech <input type="checkbox"/> TMJ4M - Mfg Tech	<input type="checkbox"/> ADA3M - Drama <input type="checkbox"/> AMI3M - Music: Band <input type="checkbox"/> AMV3M - Music: Vocal <input type="checkbox"/> AVI3M - Visual Arts <input type="checkbox"/> AWQ30 - Photography <input type="checkbox"/> BAF3M - Accounting <input type="checkbox"/> BDI3C - Entrepreneurship <input type="checkbox"/> BMI3C - Marketing <input type="checkbox"/> CLU3M - Canadian Law <input type="checkbox"/> ICS3U - Comp Science <input type="checkbox"/> MEL3E - Everyday Math <input type="checkbox"/> SBI3C - Biology <input type="checkbox"/> SBI3U - Biology <input type="checkbox"/> SCH3U - Chemistry <input type="checkbox"/> SPH3U - Physics	<input type="checkbox"/> ADA4M - Drama <input type="checkbox"/> AMI4M - Music: Band <input type="checkbox"/> AMV4M - Music: Vocal <input type="checkbox"/> AVI4M - Visual Arts <input type="checkbox"/> AWS4M - Yearbook <input type="checkbox"/> BAT4M - Accounting <input type="checkbox"/> BBB4M - International Bus <input type="checkbox"/> BOH4M - Bus Leadership <input type="checkbox"/> CIA4U - Economics <input type="checkbox"/> CLN4U - Canadian Law <input type="checkbox"/> GLE4O - Learning Strats <input type="checkbox"/> OLC4O - Literacy Course <input type="checkbox"/> SBI4U - Biology <input type="checkbox"/> SCH4C - Biology <input type="checkbox"/> SCH4U - Chemistry <input type="checkbox"/> SES4U - Earth and Space <input type="checkbox"/> SNC4M - Medical Science <input type="checkbox"/> SPH4U - Physics
1 English Credit	1 Math Credit	Co-operative Credits	
<input type="checkbox"/> ENG3C <input type="checkbox"/> ENG3E <input type="checkbox"/> ENG3U <input type="checkbox"/> NBE3C <input type="checkbox"/> NBE3U <input type="checkbox"/> ENG4C <input type="checkbox"/> ENG4E <input type="checkbox"/> ENG4U <input type="checkbox"/> OLC4O	<input type="checkbox"/> MBF3C <input type="checkbox"/> MCF3M <input type="checkbox"/> MCR3U <input type="checkbox"/> MEL3E <input type="checkbox"/> MAP4C <input type="checkbox"/> MCV4U <input type="checkbox"/> MDM4U <input type="checkbox"/> MHF4U	<input type="checkbox"/> Co-op (E.g. DCO 30C, GLD 20C etc) ***You need to take co-op one time and you earn a 2 credit co-op credit *** **Ideally, you take this at LHSS or you can do this in summer school***	

* Alternative Cooperative Education credit may be used as a substitute, but it must be related to the sector and in addition to the 2 Coop credits required.

CERTIFICATIONS

3 Compulsory Certificates

- Cardiopulmonary Resuscitation (CPR) Level C** - includes automated external defibrillation (AED)
- Standard First Aid**- Complete with CPR training at school or if you completed this, email Mrs. C
- Workplace Hazardous Materials Information System (WHMIS)**-Complete with co-op
CPR Level C & First Aid will be offered at LHSS and is a 2 day training and will be offered to you once you completed co-op or are doing co-op at LHSS. If you have completed this already, please take a picture and email it to Mrs. Campbell

3 Electives from the list below: (many are done with Co-op or during field trips or lunch and learns throughout the year)

- | | |
|--|--|
| <input type="checkbox"/> advanced training in a technique | <input type="checkbox"/> interfacing equipment |
| <input type="checkbox"/> advanced training in a technology (309) | <input type="checkbox"/> Internet security |
| <input type="checkbox"/> anti-oppression and allyship training | <input type="checkbox"/> ladder safety training |
| <input type="checkbox"/> basic electrical safety | <input type="checkbox"/> leadership skills |
| <input type="checkbox"/> CISCO networking | <input type="checkbox"/> lighting and sound equipment maintenance |
| <input type="checkbox"/> computer hardware | <input type="checkbox"/> lockout/tagging |
| <input type="checkbox"/> counterfeit detection | <input type="checkbox"/> network cabling |
| <input type="checkbox"/> customer service | <input type="checkbox"/> network configuration |
| <input type="checkbox"/> electronics - basic | <input type="checkbox"/> portfolio development |
| <input type="checkbox"/> elevated work platforms | <input type="checkbox"/> project management |
| <input type="checkbox"/> ergonomics | <input type="checkbox"/> recording equipment |
| <input type="checkbox"/> fall protection | <input type="checkbox"/> sector-specific software 1 |
| <input type="checkbox"/> first aid/CPR/AED awareness | <input type="checkbox"/> sector-specific software 2 |
| <input type="checkbox"/> health and safety - basic | <input type="checkbox"/> specialized skills training program/
competition |
| <input type="checkbox"/> infection control | <input type="checkbox"/> technical support |
| <input type="checkbox"/> intellectual property | <input type="checkbox"/> Working at Heights |

NOTE: Where an item in the table is **capitalized**, it is the proper name of the specific certification or training course/program that is appropriate for the SHSM. Where an item is **lowercase**, it is the name of an area, type or category of training for which specific certification or training courses/programs should be selected by the school or the board.

OTHER REQUIREMENTS

- Experiential learning and career exploration activities:** Complete with various field trips
- Reach ahead experiences:** Complete with Alumni event or school field trips
- Sector-partnered experiences (SPEs):** Case study done through competition or at school

RESOURCE:

[Ontario's Ministry of Education: Specialist High Skills Major - Information and Communications Technology](https://www.ontario.ca/document/specialist-high-skills-major-policy-and-implementation-guide/information-and-communications-technology)
<https://www.ontario.ca/document/specialist-high-skills-major-policy-and-implementation-guide/information-and-communications-technology>