



A Specialist High Skills Major is a ministry-approved specialized program that allows students to focus their learning on a specific economic sector in Grades 11 and 12 while meeting the requirements to graduate from secondary school. SHSM programs also assist in successful student transitions after graduation to apprenticeship training, college, university and the workplace.

## Benefits

*The SHSM program will enable students to*

- \* choose a variety of **Technology related Grade 11 and 12 courses**
- \* customize their secondary school education to suit their **interests and talents**
- \* develop **specialized knowledge and skills**
- \* complete **activities related to Technology** in Math and English courses
- \* **earn credits** that postsecondary educational institutions and the Business sector recognize
- \* gain sector-recognized **certification and career-relevant training**
- \* participate in **Experiential Learning activities** to learn about real-life job situations
- \* **identify, explore and refine career goals** and make informed decisions about their future involving Reach Ahead activities
- \* remain **flexible**, with the option to shift between pathways, should their goals and plans change
- \* earn an Ontario Secondary School Diploma with an embossed red seal and formal recognition on their Ontario Student Transcript
- \* receive an SHSM Record documenting their achievement

## Requirements

1. **A bundle of 10 grade 11 and 12 credits.**
  - 4 major credit courses connected to Information, Communication and Technology (see reverse)
  - 1 other required credit in English (gr. 11) and Math (gr. 11)
  - 2 cooperative education credits that are tied to the ICT sector
2. **6 sector recognized certification and/or training programs**
  - 3 compulsory (CPR, Standard First Aid, WHMIS)
  - A choice of 3 electives from a list of additional certifications
3. **Experiential learning and career exploration activities within the sector**
4. **Reach ahead experiences connected with the student's post-secondary pathway**



# PROGRAM PATHWAYS

\*Students can choose courses across pathways

APPRENTICESHIP		COLLEGE		UNIVERSITY		WORKPLACE	
GRADE 11	GRADE 12	GRADE 11	GRADE 12	GRADE 11	GRADE 12	GRADE 11	GRADE 12
<b>MAJOR CREDIT COURSES:</b>  <b>TCJ3C</b> Construction Engineering  <b>TDJ3O</b> Technological Design  <b>BTA3O</b> Design and Technology in Business	<b>MAJOR CREDIT COURSES:</b>  <b>SPH4C</b> Physics  <b>TCJ4C</b> Construction Engineering	<b>MAJOR CREDIT COURSES:</b>  <b>ASM3M</b> Media Arts <b>TCJ3C</b> Construction Engineering <b>TDJ3M</b> Technological Design <b>TGJ3M</b> Communication Technology <b>TDJ3O</b> Technological Design <b>BTA3O</b> Design and Technology in Business	<b>MAJOR CREDIT COURSES:</b>  <b>ASM4M</b> Media Arts <b>SPH4C</b> Physics <b>TCJ4C</b> Construction Engineering <b>TDJ4M</b> Technological Design <b>TGJ4M</b> Communication Technology	<b>MAJOR CREDIT COURSES:</b>  <b>ASM3M</b> Media Arts <b>ICS3U</b> Computer Science <b>SPH3U</b> Physics <b>TDJ3M</b> Technological Design <b>TGJ3M</b> Communication Technology	<b>MAJOR CREDIT COURSES:</b>  <b>ASM4M</b> Media Arts <b>ICS4U</b> Computer Science <b>SPH4U</b> Physics <b>TDJ4M</b> Technological Design <b>TGJ4M</b> Communication Technology	<b>MAJOR CREDIT COURSES:</b>  <b>TCJ3C</b> Construction Engineering  <b>BTA3O</b> Design and Technology in Business	<b>MAJOR CREDIT COURSES:</b>  <b>SPH4C</b> Physics  <b>TCJ4C</b> Construction Engineering
<b>ENGLISH COURSES:</b>  ENG3C	<b>ENGLISH COURSES:</b>  ENG4C OLC4O	<b>ENGLISH COURSES:</b>  ENG3C	<b>ENGLISH COURSES:</b>  ENG4C OLC4O	<b>ENGLISH COURSES:</b>  ENG3U NBE3U	<b>ENGLISH COURSES:</b>  ENG4U	<b>ENGLISH COURSES:</b>  ENG3C	<b>ENGLISH COURSES:</b>  ENG4C OLC4O
<b>MATH COURSES:</b>  MEL3E MBF3C	<b>MATH COURSES:</b>  MEL4E MAP4C	<b>MATH COURSES:</b>  MBF3C MCF3M	<b>MATH COURSES:</b>  MAP4C	<b>MATH COURSES:</b>  MCF3M MCR3U	<b>MATH COURSES:</b>  MHF4U MDM4U MCV4U	<b>MATH COURSES:</b>  MEL3E MBF3C	<b>MATH COURSES:</b>  MEL4E MAP4C
<b>COOPERATIVE EDUCATION credits:</b> COP2XC (2 credits) OR COP4XC (4 credits)		<b>COOPERATIVE EDUCATION credits:</b> COP2XC (2 credits) OR COP4XC (4 credits)		<b>COOPERATIVE EDUCATION credits:</b> COP2XC (2 credits) OR COP4XC (4 credits)		<b>COOPERATIVE EDUCATION credits:</b> COP2XC (2 credits) OR COP4XC (4 credits)	

