

The Specialist High Skills Major (SHSM) is a specialized, ministry-approved program, developed by the Ontario Ministry of Education, that allows students to customize and focus their learning on a specific economic sector while meeting the requirements to graduate from secondary school. SHSM also assists students in their transition from secondary school to apprenticeship training, college, university, or the workplace.

The SHSM program is available in all public school boards across Ontario.

How is the Specialist High Skills Major recognized?

Students who successfully complete an SHSM receive an Ontario Secondary School Diploma with an embossed seal of completion, a SHSM Record documenting the student's achievement, and a formal recognition on the student's Ontario Student Transcript.

Key Benefits of a Specialist High Skills Major?

The SHSM program meets the needs, interests, and strengths of all students. It engages them in learning and better prepares them for graduation and beyond.

Pursuing a SHSM helps students:

- Customize their secondary school education to suit their interests and talents
- Develop specialized knowledge and skills
- Earn credits recognized by post-secondary institutions
- Gain industry certifications and career-relevant skills training
- Identify, explore, and refine career goals
- Make informed decisions about their future

Industry Certifications Boost Careers

Industry certifications such as the Microsoft Office Specialist certification and the Internet and Computing Core certification can easily be included in the SHSM program.

These certifications not only comply with the SHSM requirements, but also enable graduates to stand out. When highlighted on an application or resume, certifications indicate dedication to professional development. Industry certifications can provide more career options and higher salaries plus the personal satisfaction and confidence needed to excel in a specific field.

One Learning Track, Multiple Certifications

Within the SHSM program, CCI Learning has identified industry certifications that align to the Certification and Training component requirement. This provides an opportunity for schools to offer high school students multiple certification options for a variety of SHSM program pathways. (See reverse for more)

Globally Recognized Industry Certifications

These globally recognized industry certifications offer schools a clear and compelling pathway to further ICT training, and reduce the technology skills shortage in today's workplace.

Microsoft Office Specialist

Microsoft Office Specialist certification is the official Microsoft Office certification for desktop productivity and is the leading ICT certification in the world.



Certifications available:

- Word Core 2016, Word Expert 2016, Excel Core 2016, Excel Expert 2016, PowerPoint 2016, Outlook 2016, and Access 2016
- Word Core 2013, Word Expert 2013, Excel Core 2013, Excel Expert 2013, PowerPoint 2013, Outlook 2013, and Access 2013

Microsoft Technology Associate

Microsoft Technology Associate certification is Microsoft's entry level certification program validating fundamental developer, database and IT professional skills.



Certifications available:

- Software Development Fundamentals
- HTML5 Application Development Fundamentals
- Software Testing Fundamentals
- Database Administration Fundamentals
- Windows Server Administration Fundamentals
- Networking Fundamentals
- Security Fundamentals
- Windows Mobility and Device Fundamentals
- Office 365 Cloud Fundamentals

Entrepreneurship and Small Business

The Entrepreneurship and Small Business certification validates the foundation-level concepts required of a successful entrepreneur. The certification covers starting a business, marketing and sales, financial management, business operations, opportunity recognition, and characteristics of entrepreneurs.



Certifications available:

- ESB 2017

QuickBooks Certified User

Intuit® QuickBooks is the industry leader in managerial accounting software for small business. Intuit QuickBooks Certified User (QBCU) validates accounting concepts while honing skills in the most prevalent bookkeeping application in small business.



Certifications available:

- QuickBooks Certified User 2015, 2016, 2017

Toon Boom

Toon Boom Animation is the worldwide leader in animation and storyboard software for professionals and beginners. It is the tool of choice for artist's creating storyboards digitally. If you have watched an animated movie or television show you have probably experienced the magic of Toon Boom.



Certifications available:

- StoryBoard Pro
- Harmony Essentials
- Harmony Advanced
- Harmony Premium

Internet and Computing Core Certification (IC3)

The Internet and Computing Core Certification (IC3) provides both students and job seekers with the foundation of knowledge needed to succeed in environments that require the use of computers and the Internet.



Certifications available:

- IC3 GS3 (Win. 7/Office 2010)
- IC3 GS4 (Win. 7/Office 2010)
- IC3 GS4 (Win. 7/Office 2013)
- IC3 GS5 (Win. 7/Office 2013)
- IC3 GS5 (Win. 10/ Office 2016)

Adobe Certified Associate (ACA)

Adobe® software sets the world's standard in powerful digital design tools. Certified students gain tremendous value and employability as they validate their digital media talents through globally recognized certification.

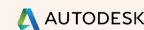


Certifications available:

- Rich Media Communication using Adobe Flash® Professional
- Web Communication using Adobe Dreamweaver®
- Visual Communication using Adobe Photoshop®
- Video Communication using Adobe Premiere® Pro
- Graphic Design & Illustration using Adobe Illustrator®
- Print & Digital Media Publication using Adobe InDesign®

Autodesk® User Certification

Autodesk Certified User (ACU) certification confirms students have the skills necessary to continue their design careers — whether they attend college, enter the workforce or work toward additional levels of industry certification after graduation.



Certifications available:

- Autodesk AutoCAD
- Autodesk Inventor - Imperial
- Autodesk Inventor - Metric
- Autodesk Revit Architecture - Imperial
- Autodesk Revit Architecture - Metric
- Autodesk Maya, Autodesk 3ds Max

Requirements in the following program electives could be met by taking the following industry certifications

Arts and Culture

Software – Animation



AUTODESK
Autodesk:
AutoCAD,
Maya,
Inventor,
3ds Max



Adobe:
Photoshop,
Illustrator,
InDesign,
Premiere,
Flash
Dreamweaver



Toon Boom
Certified Associate
Storyboard Pro,
Harmony
Essentials,
Harmony
Advanced,
Harmony
Premium



Microsoft Office Specialist:
Word, Excel,
PowerPoint,
Access

Transportation

Computer – Aided Design and Computer – Aided Manufacturing (CAD/CAM)



Autodesk: AutoCAD, Maya, Inventor, 3ds Max

Energy

Computer – Aided Design and Computer – Aided Manufacturing (CAD/CAM)



Autodesk: AutoCAD, Maya, Inventor, 3ds Max

Aviation and Aerospace

Computer – Aided Design and Computer – Aided Manufacturing (CAD/CAM)



Autodesk: AutoCAD, Maya, Inventor, 3ds Max

Software – Photography



Microsoft Office Specialist:
Word, Excel,
PowerPoint,
Outlook, Access



Adobe:
Photoshop,
Illustrator,
InDesign,
Premiere,
Flash



Autodesk:
AutoCAD, Maya,
Inventor, 3ds Max

Business

Software



Microsoft Office Specialist:
Word, Excel, PowerPoint, Outlook



Microsoft Technology Associate:
HTML5, Mobility and Device
Fundamentals



Entrepreneurship
& Small Business



Internet and
Computing Core
Certification (IC3)



QuickBooks
Certified User

Manufacturing

Computer – Aided Design and Computer – Aided Manufacturing (CAD/CAM)



Autodesk: AutoCAD, Maya, Inventor, 3ds Max

Software



Autodesk: AutoCAD, Maya,
Inventor, 3ds Max



Microsoft Office Specialist:
Word, Excel, PowerPoint,
Outlook, Access



Microsoft Technology Associate:
Database Fundamentals,
Mobility and Device Fundamentals



Adobe:
Photoshop, Illustrator,
InDesign, Premiere, Flash

Software – Graphic Arts



AUTODESK
Autodesk:
AutoCAD,
Maya,
Inventor,
3ds Max



Adobe:
Photoshop,
Illustrator,
InDesign, Premiere,
Flash,
Dreamweaver



Toon Boom:
Certified Associate
Storyboard Pro,
Harmony Essentials,
Harmony Advanced,
Harmony Premium

Non-Profit

Software



Microsoft Office Specialist:
Word, Excel,
PowerPoint,



Adobe:
Photoshop,
Illustrator, InDesign,
Premiere, Flash



Microsoft Technology Associate:
Cloud Fundamentals,
Mobility and Device Fundamentals



Entrepreneurship and Small Business

Sports

Software: Sports Application



Microsoft Office Specialist:
Word, Excel, PowerPoint

Requirements in the following program electives could be met by taking the following industry certifications

Information and Communication Technology

Computer Hardware



Internet and Computing Core Certification (IC3)

Microsoft
Technology Associate

Microsoft Technology Associate:
Software Development Fundamentals (C#),
Software Development Fundamentals (VB),
HTML5 Application Development Fundamentals,
Database Fundamentals,
Windows Server Administration Fundamentals,
Networking Fundamentals,
Security Fundamentals

Internet Security



Internet and Computing Core Certification (IC3)

Microsoft
Technology Associate

Microsoft Technology Associate:
Security Fundamentals,
Mobility and Device Fundamentals

Photography



Autodesk:
AutoCAD,
Maya,
Inventor,
3ds Max



Adobe:
Photoshop,
Illustrator,
InDesign,
Premiere,
Flash,
Dreamweaver

Microsoft
Office Specialist

Microsoft Office Specialist:
Word, Excel, PowerPoint,
Outlook, Access

Network Cabling



Internet and Computing Core Certification (IC3)

Microsoft
Technology Associate

Microsoft Technology Associate:
Networking Fundamentals,
Windows Server Administration Fundamentals

CISCO Networking

Microsoft
Technology Associate

Microsoft Technology Associate:
Networking Fundamentals

Network Configuration



Internet and Computing Core Certification (IC3)

Microsoft
Technology Associate

Microsoft Technology Associate:
Networking Fundamentals,
Windows Server Administration Fundamentals

Technical Support



Internet and Computing Core Certification (IC3)

Microsoft
Technology Associate

Microsoft Technology Associate:
Software Development Fundamentals (C#),
Software Development Fundamentals (VB),
HTML5 Application Development Fundamentals,
Database Fundamentals,
Windows Server Administration Fundamentals,
Networking Fundamentals,
Security Fundamentals,
Cloud Fundamentals,
Mobility and Device Fundamentals

Software

Microsoft
Office Specialist

Microsoft Office Specialist:
Word, Excel, PowerPoint,
Outlook, Access

Microsoft
Technology Associate

Microsoft Technology Associate:
Software Development Fundamentals (C#),
Software Development Fundamentals (VB),
HTML5 Application Development Fundamentals,
Database Fundamentals,
Windows Server Administration Fundamentals,
Networking Fundamentals,
Security Fundamentals,
Mobility and Device Fundamentals,
Introduction to Programming Using Block-Based Languages

Equipment Interface



Internet and Computing Core Certification (IC3)

Microsoft
Technology Associate

Microsoft Technology Associate:
Networking Fundamentals

Contact CCI Learning to learn more about how you can implement industry certifications in your SHSM program

CCI Learning

As a Microsoft Authorized Education Partner and a Certiport Platinum Partner, CCI Learning advances digital literacy, productivity, and information technology skills at academic institutions worldwide. We author award-winning courseware and provide globally recognized certifications that help build the skills and confidence of both students and teachers.

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