

Student Checklist (Digital Innovation and Technology)

Student Name: _____

School: _____

Congratulations on choosing to pursue a High Skills Major Certificate in Digital Innovation and Technology!

This checklist will help you track your progress throughout high school, as you engage in career exploration, community-based learning, and skill development. Please note that the High Skills Major Certificate is an independent certification. **You are responsible for tracking your progress and ensuring all requirements are completed.**

HSM Leads are your primary contact for support. They verify checklists and portfolios and sign off on required milestones. Connect with your HSM Lead as you work through your requirements. [Find your HSM Lead here.](#)



Focused Course Selection

Course availability varies by school. Courses are listed in the language(s) they are offered.

The same course cannot be used in multiple categories (Core Learning, Co-operative Education, and Supplementary Learning).

Co-operative Education placements must be in a Digital Innovation and Technology environment.

Students who graduate with HSM in Digital Innovation and Technology may be eligible for additional opportunities.

See the [incentives page](#) for details.

An asterisk (*) indicates that the course is available through the [Nova Scotia Virtual School](#).

a) Core Learning

1 credit:

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List of available courses:

CREDIT	COURSE NAME
1.0	Communications Technology 11
1.0	Computer Programming 12
1.0	Exploring Technology 10

c) Supplementary Learning

2 credits:

☐
☐

List of available courses:

CREDIT	COURSE NAME
1.0	Business Technology Choose 1 credit: • Business Technology 11 • Business Technology 12

b) Co-operative Education

1 credit:

☐

List of available courses:

CREDIT	COURSE NAME
1.0	Co-operative Education 11* / Éducation coopérative 11*
1.0	Co-operative Education 12* / Éducation coopérative 12*

Co-op Reflection and Evidence of Placement

☐ Uploaded to myBlueprint



Focused Course Selection

c) Supplementary Learning (continued)

CREDIT	COURSE NAME
1.0	Computer Science / Programming Choose 1 credit: • AP Computer Science 12 • AP Computer Science Principles 12 • Computer Programming 12 • IB Computer Science SL 11 • IB Computer Science SL 12 or HL 12
1.0	Co-operative Education Choose 1 credit: • Co-operative Education 11* / Éducation coopérative 11* • Co-operative Education 12* / Éducation coopérative 12*
1.0	Electrotechnologies 11
1.0	Entrepreneurship/Business Choose 1 credit: • Entrepreneurship 12* / Entrepreneuriat 12 • Indigenous Entrepreneurship 11 • Indigenous Entrepreneurship 12 • Business Management 12
1.0	Geomatics 12
1.0	Information and Design Technology Choose 1 credit: • Design 11 • IB Design Technology 11 • IB Design Technology SL12 • IB Information Technology in a Digital Society 11 • IB Information Technology in a Digital Society SL 12
1.0	Multimedia / Digital Media Production Choose 1 credit: • Audio Recording and Production 12 • Film and Video Production 12 • IB Film 11 • IB Film SL 12 or HL 12 • Multimedia 12

Reflect on the two courses you selected from the Supplementary Learning list and how they relate to your chosen career path.

Consider how the knowledge, skills, or experiences you gained in each course can support your future goals. How did each course help you develop relevant skills, explore your interests, or deepen your understanding of the career pathway? What connections can you make between what you learned and the expectations or opportunities in your chosen field?

When your reflections are complete, upload them to [myBlueprint](#).

Reflection of Supplementary Learning 1 ☐ Uploaded to myBlueprint

Reflection of Supplementary Learning 2 ☐ Uploaded to myBlueprint



Community-Based Learning

a) At least 2 community-based experiences

In addition to Co-operative Education (in Focused Course Selection), participate in at least 2 different community-based learning experiences related to digital innovation and technology, that combine to total at least 4 hours. Experiences should be documented below, with supplementary text and/or photos uploaded to your student portfolio on [myBlueprint](#). Any additional experiences (not listed below) can be uploaded to your student portfolio on [myBlueprint](#) to showcase for future employers or post-secondary institutions.

Examples may include (but are not limited to):

- participation in a volunteer, community, or service-learning project related to digital innovation and technology
- attendance at a career fair, conference, or workshop
- working with an Elder, community mentor, or knowledge holder
- participation in a local, provincial, or national competition (e.g., Skills Canada–Nova Scotia)

1	Description	
	☐ Uploaded to myBlueprint	

Date(s) of experience	Name of supervisor/teacher
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2	Description	
	☐ Uploaded to myBlueprint	

Date(s) of experience	Name of supervisor/teacher
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3	Description	
	☐ Uploaded to myBlueprint	

Date(s) of experience	Name of supervisor/teacher
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4	Description	
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Date(s) of experience	Name of supervisor/teacher
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Training & Certification

Complete a minimum of 6 training opportunities or certifications related to Digital Innovation and Technology. There are 4 required certifications, and at least 2 additional certifications. Any additional training opportunities can be uploaded to your student portfolio on [myBlueprint](#) to showcase for future employers or post-secondary institutions. Some certifications are completed during Co-Op or other courses. Your HSM Lead can help you navigate your certifications.

a) 4 required certifications

TRAINING OPPORTUNITIES OR CERTIFICATIONS	DATE OF COMPLETION	UPLOADED TO MYBLUEPRINT
Workplace Hazardous Materials Information System (WHMIS)		☐
Occupational Health and Safety (e.g. Safe@MyJob)		☐
Safe Spaces Make Great Workplaces (Nova Scotia Human Rights Commission)		☐
Working with Abilities (Nova Scotia Human Rights Commission)		☐

b) At least 2 additional certifications

Examples may include (but are not limited to):

- CISCO Networking Academy
- Completion of workshop(s) from recognized organizations
- Emergency First Aid and CPR
- [WCB & Me](#) (Workers Compensation Board Training)
- [IBM SkillsBuild](#)

TRAINING OPPORTUNITIES OR CERTIFICATIONS	DATE OF COMPLETION	UPLOADED TO MYBLUEPRINT
		☐
		☐
		☐
		☐



Portfolio

a) myBlueprint

Your student portfolio on myBlueprint must demonstrate that you have met the qualifications for High Skills Major in Digital Innovation and Technology. Add to your portfolio throughout high school. Once complete, it needs to be reviewed by your HSM Lead.

☐ I have completed my portfolio

TO BE COMPLETED BY HSM LEAD

The student has met the requirements for the Nova Scotia High Skills Major Certificate

☐ Yes

☐ No

Date of review

Reviewed by