SYLLABUS ECCC

Area: **Digital competences** – DigComp 2.1
Module: DC 2.1 M4 Safety
Level: **Foundation (A1)** - with guidance.

Module DC 2.1 M4 Safety Level A1 includes proficiency Level 1 of the DigComp 2.1 framework in the Competence Area 4: Safety.

Competences are verified in the following competence titles:

1. Protecting devices.
   To protect devices and digital content, and to understand risks and threats in digital environments. To know about safety and security measures and to have a due regard to reliability and privacy.
2. Protecting personal data and privacy.
   To protect personal data and privacy in digital environments. To understand how to use and share personally identifiable information while being able to protect oneself and others from damages. To understand that digital services use a "Privacy policy" to inform how personal data is used.
3. Protecting health and well-being.
   To be able to avoid health-risks and threats to physical and psychological well-being while using digital technologies. To be able to protect oneself and others from possible dangers in digital environments (e.g. cyber bullying). To be aware of digital technologies for social well-being and social inclusion.
4. Protecting the environment.
   To be aware of the environmental impact of digital technologies and their use.

The competence verification is carried out in the following groups:
1. Knowledge (K).
2. Skills (S).
3.Abilities (A).

The scope verified by the ECCC exam of module DC 2.1 M4 (Level A1)

COURSE PURPOSES			LEARNING OUTCOMES	K	S	A
A1_CP1	(4.1) To acquire basic skills of protecting devices.	DC2.1_1	Can identify simple ways to protect own devices and digital content.			
		DC2.1_2	Can differentiate simple risks and threats in digital environments.			
		DC2.1_3	Can choose simple safety and security measures.			
		DC2.1_4	Can identify simple ways to have due regard to reliability and privacy.			
		A1_LO1	Knows that there are several risks associated with the use of technologies.	✓		
		A1_LO2	Understands the risks associated with online use.	✓		

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COURSE PURPOSES			LEARNING OUTCOMES	K	S	A
		A1_LO3	Knows the types of software licenses.	✓		
		A1_LO4	Knows what an antivirus program is and what it is for.	✓		
		A1_LO5	Knows what a "strong" password is.	✓		
		A1_LO6	Is able to install an anti-virus program.		✓	
		A1_LO7	Can scan data carriers using an antivirus program and make decisions when a threat is detected by the antivirus program.		✓	
A1_CP2	(4.2) To acquire basic information about protecting personal data and privacy.	DC2.1_5	Can select simple ways to protect personal data and privacy in digital environments.			
		DC2.1_6	Can identify simple ways to use and share personally identifiable information while protecting myself and others from damages.			
		DC2.1_7	Can identify simple privacy policy statements of how personal data is used in digital services.			
		A1_LO8	Knows how data about his/her digital identity can or cannot be used by third parties.	✓		
		A1_LO9	Knows about appropriate behaviour in the digital domain.	✓		
		A1_LO10	Understands the risk of identity theft and other credentials' thefts.	✓		
A1_CP3	(4.3) To acquire basic knowledge about protecting health and well-being.	DC2.1_8	Can differentiate simple ways to avoid health -risks and threats to physical and psychological well-being while using digital technologies.			
		DC2.1_9	Can select simple ways to protect self from possible dangers in digital environments.			
		DC2.1_10	Can identify simple digital technologies for social well-being and social inclusion.			
		A1_LO11	Knows about the addictive aspects of technologies.	✓		
		A1_LO12	Knows what cyberbullying is and how to avoid it.	✓		
A1_CP4	(4.4) To acquire basic rules about protecting the environment.	DC2.1_11	Can recognise simple environmental impacts of digital technologies and their use.			
		A1_LO13	Has a positive but realistic attitude towards the benefits and risks associated with information technologies.			✓
		A1_LO14	Is aware of environmental issues related to the use of digital technologies. Tries to save electricity through the proper use of digital devices.			✓

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Practical skills, verified by the ECCC DC2.1 M4 exam, concern:

1. A computer workstation as PC / laptop equipped with a WiFi network interface and with Internet access with a minimum bandwidth of 2 Mb/s.
2. Operating system: MS Windows 7 or newer or Linux (kernel 3.0 or newer) with an account with administrator rights available to the student.
3. Programs: Acrobat Reader, CCleaner, Eraser, Wireshark, Soft Perfect Network Scanner, GIMP.
4. Microsoft Office 2007 or newer (Word, Excel, Power Point), Adobe Reader.
5. Anti-virus program working in "monitor" mode with the heuristic function.
6. Libre Office suite.

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