



Course material

Course:

Understanding the digital supply chain and its stakes for humanitarian actors

Video:

6.0 Introduction to cybersecurity part II - Cyber resilience - Maria Elisa

Concepts (extracted from automatically generated subtitles):

Last part of the mooc. Landscape of cyber threats. Cléa thouin. Paul hume. Cyber resilience. Icrc chief information security officer. Icrc's delegation. Humanitarian consequences of cyber operations. Modules. Organisational assets. Essential services. Key legal considerations. Module. Suitable preventive measures. Examples of good cyber hygiene.



[to video sequence search](#)

(within Understanding the digital supply chain and its stakes for humanitarian actors.)



[to video](#)

Center for Digital Education. More educational support material here:

<https://www.epfl.ch/education/educational-initiatives/cede/educational-technologies-gallery/boocs-en/>

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UNDERSTANDING THE DIGITAL SUPPLY CHAIN AND ITS STAKES FOR HUMANITARIAN ACTORS

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notes

summary

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After exploring the landscape of cyber threats and their links with geopolitics,

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as well as discussing some key legal considerations on cybersecurity,

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we're now entering a vast new topic, cyber resilience. Cyber resilience can be applied to people and to organisations alike.

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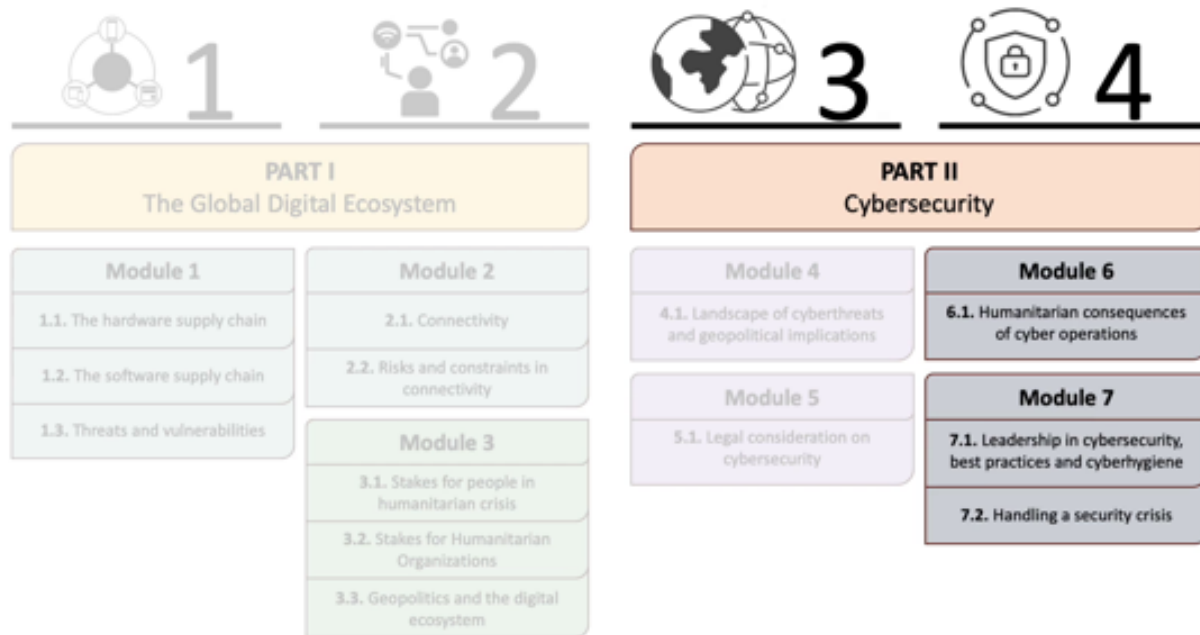
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WEEKS



This last part of the MOOC is made of two modules.

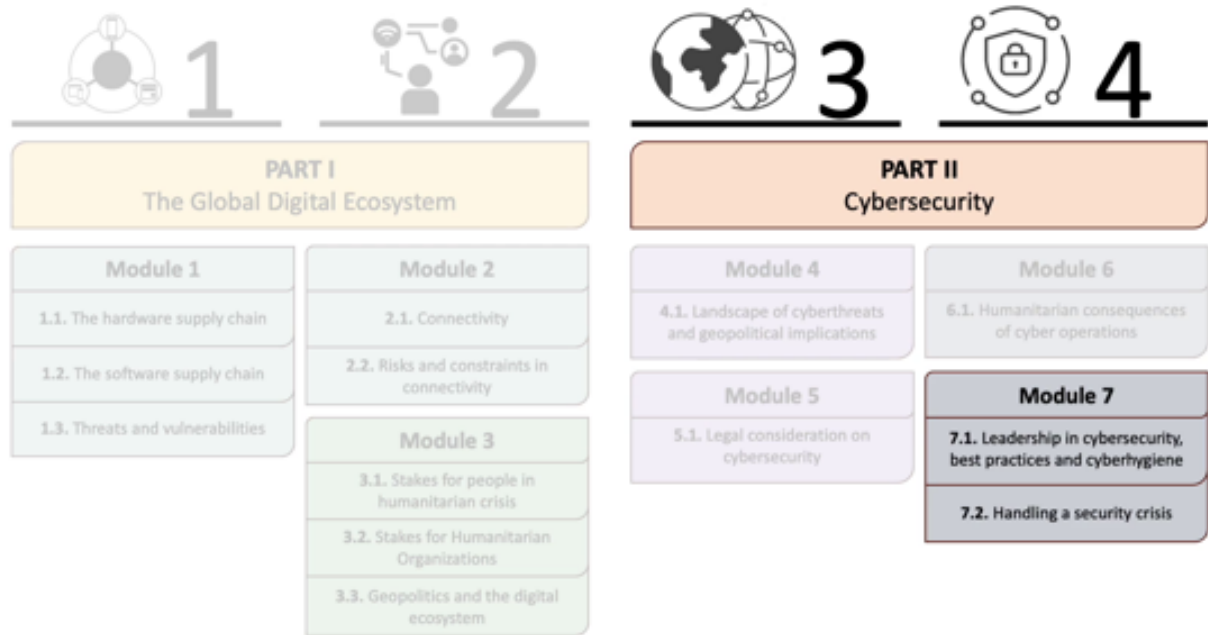
notes

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WEEKS



Module 6, will lead you through the consequences of four people affected by crisis, and Module 7, will address how organisations can be more cyber resilient.

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Module 6

6.1. Humanitarian consequences of cyber operations



In module 6, called humanitarian consequences of cyber operations, we will learn about the potentially dark effects of cyber operations on the civilian populations.

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Module 6

6.1. Humanitarian consequences of cyber operations

Cléa Thouin, from the ICRC's delegation for Cyberspace in Luxembourg, will guide us through the impact of cyber operations on essential services,

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as well as on data confidentiality. This will be made very concrete thanks to two great interviews with practitioners.

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Cléa, will then help you think about response strategies. This module will certainly resonate with the videos on digital risk by Joelle Rizk that you saw in Module 3.

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Module 7

7.1. Leadership in cybersecurity, best practices and cyberhygiene

7.2. Handling a security crisis



In Module 7, the concept of cyber resilience will now be applied to organisations. Cyber resilience can be defined as the ability for an organisation

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to be ready to react to a cyberattack. Paul Hume, the ICRC Chief Information Security Officer, will guide us through questions organisations must answer to better understand their cyber threat landscape. By understanding our organisational assets and why they might be interesting to others, we can identify suitable preventive measures to protect those assets from cyber criminals. You will then be introduced to the concept of vulnerability and to frameworks that can limit such vulnerabilities for organisations. Will then explore what leadership in cybersecurity means,

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Module 7

7.1. Leadership in cybersecurity, best practices and cyberhygiene

7.2. Handling a security crisis













whether it is confined to individuals or spans through the entire organisation. To end this module, some examples of good cyber hygiene practises

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as well as how to handle cybersecurity crisis are given.

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