

Cyber Skills

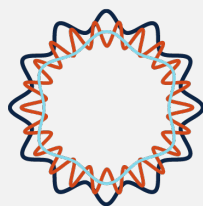
Building Ireland's Cyber Security Skills

Presenter: Jacqueline Kehoe – Project Manager

CYBERSKILLS.IE

Initiative Overview

Innovative approach to programme design, create, empower, facilitate



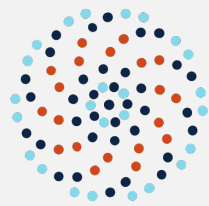
Create

Create Innovative, Enterprise focused and Research informed cybersecurity courses through **meaningful collaboration**.



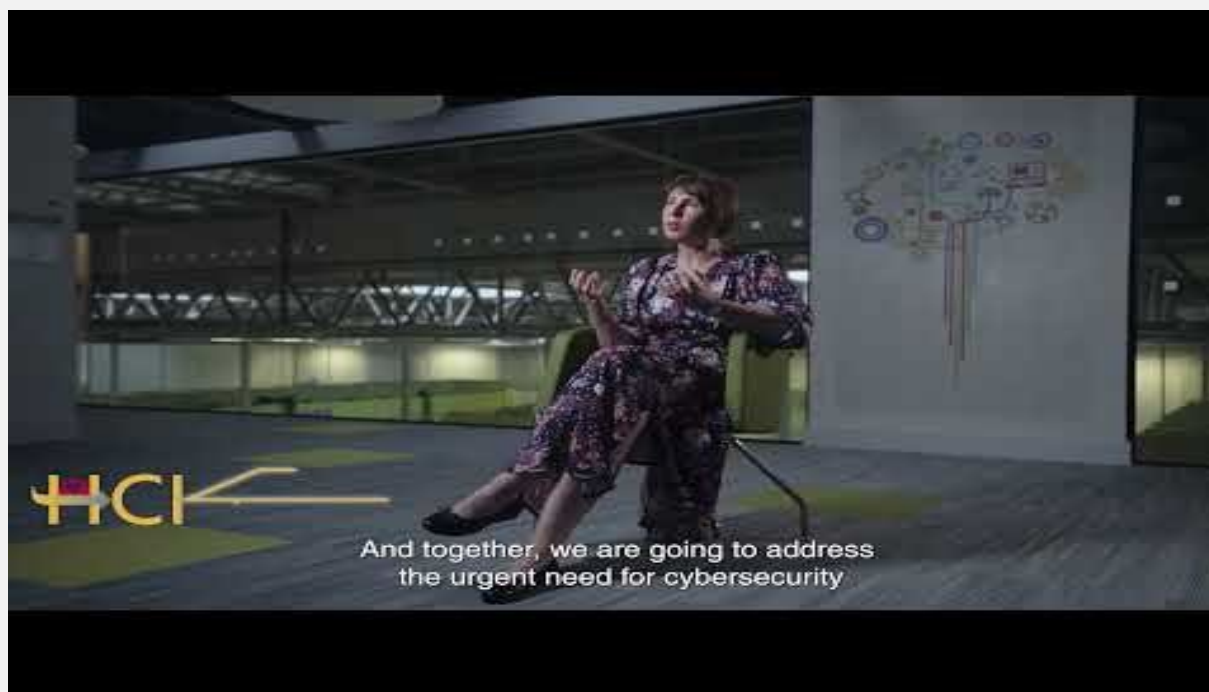
Empower

Empower Learner to design their own **courses** and take their own pathways with straightforward articulation and progression routes



Facilitate

Facilitate new learning pathways using micro credentials and by capturing learning through **e-Portfolios**.



What do we do?



How are we different?

CYBER SKILLS is creating innovative cybersecurity higher education, informed by enterprise needs and relevant research, through collaborations with national and international educational partners and enterprises.

CYBERSKILLS.IE



What do we offer?



Pathways targeting specific job roles:

- **Secure Software Development**
- **Secure Systems Architecture**
- **Secure Network Operations**
- **OT Security Operations Specialist**
- **Web Penetration Testing**
- **Cyber Defence Forensics**



NIST NICE Framework

Mapped to roles in the
NIST NICE Workforce
Framework

SECURELY
PROVISION

OPERATE
AND
MAINTAIN

PROTECT
AND
DEFEND

OVERSEE
AND
GOVERN

ANALYZE

INVESTIGATE

COLLECT
AND
OPERATE



How are we different?

- **Full pathway or micro-credential**
- **Cyber-range**
- **Fully online delivery and assessment**
- **Recognition of prior learning**
- **Expertise of multiple universities**
- **Adapt to Industry needs**



Work with us?

WWW.CYBERSKILLS.IE

INFO@CYBERSKILLS.IE



Jacqueline.Kehoe@mtu.ie