

REQUEST FOR FEEDBACK

Ed/Ready 2-Year Cybersecurity Education Program Curriculum (Draft)

Academic Input & Practical Output in Cybersecurity Career Education (Released: August 2025)

	Type	Definition	Year 1	Year 2
Academic Input	<i>Theory</i>		<i>Learn via content & Practice via virtual labs</i>	<i>Learn via content & Practice via virtual labs</i>
Basic tools	Information & Communication technology		Introduction to Information & Communications Technology (ICT) Introduction to Programming	Advanced Programming
	Data science		Introduction to Data Science	Advanced Data Science
	Thinking methods		Introduction to Logical Thinking Introduction to Design Thinking Introduction to System Thinking	
Cybersecurity		People: SDGs 1-6 Cybersecurity for Individuals & Identities	Course 110 series: Introduction to Cybersecurity OS Fundamentals Linux Fundamentals Network Fundamentals Cloud Computing	Course 210 series: Advanced Network Administration Network Security Programming Logic & Design Linux Security Administration
Cybersecurity		Prosperity / Society : SDGs 7-11 Cybersecurity for Organizations	Course 120 series: Attack Vectors (Red Team) Incident Response (Blue Team) Criminal Evidence	Course 220 series: Cyber Crimes & Law Cybersecurity Policy & Implementation

Cybersecurity		Planet / Nature : SDGs 12-15 Cybersecurity Ecosystem	Course 130 series: Introduction to AI Digital Forensics	Course 230 series: Security Information & Event Management (SIEM) Security & Risk Analysis
Practical Output	<i>Project</i>			
	Project-based learning		Intro to Project Management Advanced Project Management	Cybersecurity Capstone Project (Note: How it benefits the planet)
Career Planning	<i>On-the-Job Training</i>			
	Experiential / Training programs		Internship Year-1	Internship Year-2 or Apprenticeship

Note:

Content and virtual lab infrastructure for the program is designed to be created, managed, and updated by the Ed/Ready team on a defined release schedule.

References

Adopted frameworks:

- NIST Cybersecurity Framework 2.x
- NICE Cybersecurity Education Framework 1.x
- UN Sustainable Development Goals (SDGs)

NIST Cybersecurity Framework 2.0: <https://www.nist.gov/cyberframework>

NICE Education Framework: <https://www.nist.gov/itl/applied-cybersecurity/nice/nice-framework-resource-center>

UN Sustainable Development Goals: <https://sdgs.un.org/goals>