

**CoLAB TalentReady IT Pathways
Cyber Technologist KSAs for Curriculum Alignment**

9. Privacy & Ethical/Legal Considerations

	KSA Description	Knowledge, Skill, or Ability?	Bloom's Taxonomy Level?	Cross-cutting KSAs	Notes
a	Describe how global legal, ethical, and privacy constraints might impact cybersecurity.	Knowledge	2	Cyber Security Specialist 4a	
b	Identify the established legal, ethical and privacy issues in cybersecurity facing organizations.	Knowledge	2	Generalist 5b, Data Analytics 8b, Machine Learning 5b, Cybersecurity Specialist 4b, Data Management 3e	
c	Explain how ethical, legal, and privacy issues should/must be considered in securing systems and data.	Knowledge	2	Cyber Security Specialist 4c	
d	Discuss the importance issues around privacy.	Knowledge	2	Cyber Security Specialist 4d	
e	Recognize the importance that cybersecurity plays in managing information and systems.	Knowledge	2		
f	Demonstrate an understanding of the way your systems are vulnerable and can be manipulated.	Knowledge	2		
g	Understand the limitations of cybersecurity.	Knowledge	2	Cyber Security Specialist 4e	
h	Demonstrate awareness of personal privacy issues and how cybersecurity can protect it.	Knowledge	3	Cyber Security Specialist 4f	
i	Describe the tradeoffs between privacy and security.	Knowledge	2	Cyber Security Specialist 4g	
j	Recognize potential societal impacts of using machine learning.	Knowledge	2	Machine Learning 5j	