

CoLAB TalentReady IT Pathways Cyber Technologist KSAs for Curriculum Alignment					
7. Risk Management					
	KSA Description	Knowledge, Skill, or Ability?	Bloom's Taxonomy Level?	Cross-cutting KSAs	Notes
a	Describe the concepts of Risk Management (e.g., Business continuity concepts, Business impact analysis, Identification of critical systems and components, Removing single points of failure).	Knowledge	2		
b	Describe the concepts of Risk assessment (e.g., Disaster recovery plan, IT contingency planning - Succession planning, Redundancy).	Knowledge	2		
c	Describe and plan Fault tolerance (e.g., Hardware, RAID, Clustering, Load balancing, Disaster recovery concepts, Backup plans/policies, Backup execution/frequency).	Skill	3		
d	Enforce concepts related to threat vectors and probability/threat likelihood.	Ability	2		
e	Identify concepts of risk calculation (Likelihood, ALE, Impact, SLE, ARO, MTTR, MTTF, MTBF).	Knowledge	2		
f	Understand Governance, risk management and Compliance Management processes (risk mitigation, govern compliance).	Knowledge	2		
g	Apply certification and accreditation.	Skill	4		
h	Apply audit and compliance.	Skill	5		