CoLAB Digita Tech Credential
Generalist KSAs for Curriculum Alignment

	6. Data Security					
	KSA Description	Knowledge, Skill, or Ability?	Bloom's Taxonomy Level	Cross-cutting KSAs	Course Number/Name	Learning Outcome
a	Explain information assurance (IA) principles and organizational requirements that are relevant to confidentiality, integrity, availability, authentication, and non-repudiation.	Knowledge	2			
b	Understand confidentiality, integrity, and availability principles.	Knowledge	2			
c	Explain data classification standards and methodologies based on sensitivity and other risk factors.	Knowledge	2			
d	Explain authorization and access control principles and methods.	Knowledge	2			
e	Describe the fundamental concepts of Risk Management and Risk Management Life Cycle.	Knowledge	2			
f	Explain rationale for data anonymization and data security standards.	Knowledge	2			
g	Identify situations vulnerable to insider threats.	Knowledge	2			
h	Explain various methods to prevent insider threats.	Knowledge	2			
i	Describe the spectrum of insider threats and its implications.	Knowledge	2			