

SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY SKILLS MAP – FORENSICS INVESTIGATION MANAGER				
Sector	Infocomm Technology			
Track	Cyber Security			
Sub-track	Forensics Investigation			
Occupation	ICT Security Specialist			
Job Role	Forensics Investigation Manager			
Job Role Description	<p>The Forensics Investigation Manager plans and oversees the investigation processes and protocols after a cyber-threat or incident. He/She is responsible to ensure that the data is collected and analysed properly. He is also responsible for developing a forensics investigation strategy and overseeing the forensics investigations to ensure the threat is classified and future actions are recommended to the affected stakeholders.</p> <p>He is familiar with different types of threats, cyber security standards, protocols and frameworks, and ensures the organisation’s compliance with the Cyber Security Act 2018. He is knowledgeable of hardware and software applications to analyse threat data from various sources.</p> <p>The Forensics Investigation Manager is diligent and watchful in the investigation activities. He is also a confident leader who develops plans and solutions to address security incidents, and has a passion for engaging and developing others in his team.</p>			
Critical Work Functions, Key Tasks and Performance Expectations	Critical Work Functions	Key Tasks		Performance Expectations
	Develop a forensics investigation strategy	Develop strategy to collect and analyse threat data after an incident		In accordance with: <ul style="list-style-type: none"><li>Cyber Security Act 2018, Cyber Security Agency of Singapore</li></ul>
		Establish digital forensic investigation policies and standards for the organisation		
		Develop threat mitigation processes and policies after analysing the root cause of the incident, refreshing them when required		
		Advise senior management on major information security-related risks and forensics investigations policies and procedures		
	Oversee forensic investigations	Lead forensic investigations and coordinate forensic teams post cyber-attacks to determine the root cause of the incident		
		Scrutinise forensic incident trends to ensure correct measures are taken during the investigation process		
		Determine the tactics, techniques and procedures used for cyber attacks		
		Manage the evidence and causal analysis of cyber threats, incidents and attacks		
		Present reports and outcomes in investigations or legal proceedings to senior management and key stakeholders		
	Manage people and organisation	Review operational strategies, policies and targets across teams and projects		
		Develop strategies for resource planning and utilisation		
		Review the utilisation of resources		
		Oversee the development of learning roadmaps for teams and functions		
		Establish performance indicators to benchmark effectiveness of learning and development programmes against best practices		
		Implement succession planning initiatives for key management positions		
Skills and Competencies	Technical Skills and Competencies		Generic Skills and Competencies	
	Budgeting	Level 5	Communication	Advanced

	Business Performance Management	Level 5	Developing People	Advanced
	Cyber Forensics	Level 4, Level 5	Problem Solving	Advanced
	Cyber Risk Management	Level 5	Resource Management	Advanced
	Emerging Technology Synthesis	Level 4	Sense Making	Advanced
	Failure Analysis	Level 4		
	Learning and Development	Level 4, Level 5		
	Manpower Planning	Level 4		
	Network Security	Level 4		
	Networking	Level 4		
	People and Performance Management	Level 4		
	Security Administration	Level 4		
	Security Assessment and Testing	Level 5		
	Security Governance	Level 5		
	Security Strategy	Level 5		
	Stakeholder Management	Level 4, Level 5		
	Strategy Implementation	Level 4		
	Strategy Planning	Level 5		
	Threat Analysis and Defence	Level 4		
	Threat Intelligence and Detection	Level 4		
	<b>Programme Listing</b>	For a list of Training Programmes available for the ICT sector, please visit: <a href="http://www.skillsfuture.sg/skills-framework/ict">www.skillsfuture.sg/skills-framework/ict</a>		

The information contained in this document serves as a guide.