

SKILLS FRAMEWORK FOR INFOCOMM TECHNOLOGY TECHNICAL SKILLS & COMPETENCIES (TSC) REFERENCE DOCUMENT

TSC Category	Operations and User Support					
TSC Title	Security Education and Awareness					
TSC Description	Drive security education and awareness in an organisation by providing advice and guidance on potential risks, mitigation strategies and best practices. This includes development of communication strategies and training materials to ensure employee adoption and adherence to security policies and standards					
TSC Proficiency Description	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6
			ICT-OUS-3013-1.1	ICT-OUS-4013-1.1	ICT-OUS-5013-1.1	
			Develop security education materials and manage delivery of security activities and programmes according to plan	Determine security knowledge requirements, plan and lead implementation of large-scale security education and awareness programmes	Develop communication strategies and establish strategic alliances to raise security awareness, aligning security awareness programmes with business priorities and trends	
Knowledge			<ul style="list-style-type: none"> Key principles of information and cyber security Critical elements in security awareness programmes Effective security awareness or delivery methods Methods to measure effectiveness of security education and awareness programmes 	<ul style="list-style-type: none"> Potential end-user threats and vulnerabilities Information and cyber security education needs and objectives Business case development Cost benefit analysis of investments in security education and awareness 	<ul style="list-style-type: none"> Trends and threats in the evolving security landscape Key business priorities and security implications Strategic partnership building 	
Abilities			<ul style="list-style-type: none"> Identify areas for improvement in the organisation's existing security practices Develop security education materials Execute endorsed security awareness activities according to a set plan Implement security awareness projects Measure effectiveness of security awareness programmes 	<ul style="list-style-type: none"> Define information or cyber security knowledge requirements for the organisation Develop a business case for security education and awareness programmes Define the objectives and key outcomes of security education and awareness initiatives Manage a robust communication and engagement strategy, 	<ul style="list-style-type: none"> Align security education and awareness initiatives with business priorities and emerging security trends Lead critical communications of robust and compelling security education and awareness programmes Project the business value, benefits and costs of security programmes Establish strategic alliances with external 	

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			<ul style="list-style-type: none"> • Refine the content, structure or approach of security awareness programmes to maximise effectiveness • Advise employees on potential security risks 	detailing the intended audience and key messages <ul style="list-style-type: none"> • Lead the implementation of large-scale security awareness projects and initiatives • Co-create mitigation strategies to address security risks with internal stakeholders 	partners to raise security awareness <ul style="list-style-type: none"> • Endorse security education and awareness plans and budgets 	
Range of Application						