

SKILLS FRAMEWORK FOR DESIGN SKILLS MAP – LEAD DESIGN RESEARCHER

Sector	Design			
Track	Innovation			
Sub-track	Design Research			
Occupation	Design Professional			
Job Role	Lead Design Researcher			
Job Role Description	<p>The Lead Design Researcher leads a project team in translating human-centred insights into meaningful opportunities for design and innovation. He/She leads the analysis of complex data to enhance the performance and design of products and/or services. He advances research studies and determines changes to be instituted for products and/or services. Moreover, he is responsible for knowledge transfer within the design process and he frames insights in a useful manner for the design team. As a team lead, he provides on-the-job training to his junior team members.</p> <p>The Lead Design Researcher has extensive knowledge of research tools, methodologies and sciences. He works collaboratively with individuals across all levels in the organisation, and he is highly analytical, able to construct quality solutions across a range of diverse situations. He also demonstrates empathy when formulating design research studies while meeting clients' business needs. Lastly, he possesses strong communication skills and can effectively present design research to internal and external stakeholders.</p>			
Critical Work Functions and Key Tasks	Critical Work Functions	Key Tasks	Performance Expectations (For legislated / regulated occupations)	
	Construct design research studies	Frame research objectives in collaboration with stakeholders		
		Plan research study activities and timelines for implementation		
		Implement processes and precautions for the protection of research participants' interests		
	Conduct design research studies	Monitor the success of design research studies in close cooperation with stakeholders		
		Oversee the implementation of multi-disciplinary workshops for design research studies		
	Synthesise data	Distill data into actionable outputs for sharing		
		Develop research solutions in close partnership with stakeholders		
		Apply social scientific theories to the interpretation of data, trends and patterns for insights		
	Strategise process, product and service improvements	Evaluate impact of design research studies		
Propose strategies for enhancing organisational success based on design research output				
Influence organisational development	Provide feedback to direct reports and junior team members			
	Provide on-the-job training to direct reports and junior team members			
Skills & Competencies	Technical Skills and Competencies		Generic Skills and Competencies (Top 5)	
	Behavioural Economics in Design	Level 4	Creative Thinking	Advanced
	Business Presentation Delivery	Level 4	Sense Making	Advanced
	Conceptual Thinking	Level 4	Teamwork	Advanced
	Critical Thinking	Level 4	Problem Solving	Advanced
	Cultural Sensitivity for Design	Level 4	Communication	Advanced
	Data Analysis and Interpretation	Level 4		
	Data and Information Visualisation	Level 4		
	Design Thinking Practice	Level 4		
	Design Writing	Level 4		
	Emerging Technology Synthesis	Level 4		
	Empathetic Design	Level 4		
	Facilitation	Level 4		
	Market Research	Level 4		
	Narrative Design	Level 3		
	Project Management	Level 4		
	Qualitative Research	Level 4		
	Quantitative Research	Level 4		
	Scenario and Strategic Planning	Level 4		
	Stakeholder Management	Level 4		
Systems Thinking	Level 4			

	Trend Forecasting	Level 4	
	User Testing and Usability Testing	Level 4	
	Visual Communication	Level 4	
Programme Listing	For a list of Training Programmes available for the Design sector, please visit: www.skillsfuture.sg/skills-framework/design		

The information contained in this document serves as a guide.