

SKILLS FRAMEWORK FOR LANDSCAPE SKILLS MAP - LANDSCAPE DESIGNER				
<b>Sector</b>	Landscape			
<b>Track</b>	Landscape Design			
<b>Occupation</b>	Landscape Design Professional			
<b>Job Role</b>	<b>Landscape Designer</b>			
<b>Job Role Description</b>	<p>The Landscape Designer contributes to all phases of landscape design projects from pitching for new projects to implementing the landscape design. He/She conducts research for new landscape design ideas, tests the feasibility to implement new design and communicates the design potential to various stakeholders. He coordinates with a diverse group of internal and external stakeholders to develop design plans, concepts and prototypes in order to ensure final landscape design meets the clients' needs. He also supports the selection of suitable landscape contractors, coordinate and track the progress of the landscape implementation in accordance with the design plans.</p> <p>He works as part of a team in a collaborative environment to deliver landscape design projects. His time is divided between research, design and oversight of project implementation.</p> <p>He keeps a keen interest in the latest landscape design trends, possesses a mastery of design fundamentals and technical skills, and continually seeks to explore new landscape design boundaries. He is able to work on multiple projects concurrently and delivers on expectations within the given project timelines and allocated budgets.</p>			
<b>Critical Work Functions and Key Tasks</b>	<b>Critical Work Functions</b>	Execute business development	<b>Key Tasks</b>	
			Provide landscape design-related inputs to support the development of marketing collaterals for business development	
			Provide cost and resources estimates to support the development of technical and commercial proposals to pitch for landscape design contracts	
			Develop site assessment reports to support the development of technical proposals	
	Establish design objectives and concepts	Support the evaluation of tender or contract requirements to determine the scope of work		
		Review the brief provided by the clients to support the establishment of design objectives		
		Conduct detailed site assessments to ascertain factors that could impact landscape designs		
		Coordinate with clients and other key project stakeholders on project requirements and considerations		
		Conduct research to generate ideas for the design concepts and landscape designs		
		Consolidate research findings into research reports for circulation to internal stakeholders		
	Deliver design outputs	Administer experiments for testing feasibility of new landscape design ideas or concepts		
		Provide assistance and feedback to junior team members to meet design project objectives and quality standards		
		Develop designs through the use of drafting techniques and digital design tools as per requirements and design concepts		
		Identify softscape and hardscape palette in alignment with the design concepts		
		Identify existing vegetation or habitats to be protected		
	Manage landscape design project	Consolidate and report feedback from clients and key stakeholders for the refinement of designs		
Provide information to support the project management team in the costing of resources required for the implementation of landscape designs				
Work with building architects on complying with statutory requirements and guidelines for landscape elements				
Coordinate with landscape specialists, contractors and relevant consultants to work out other project specifications				
Support the review and shortlisting processes for landscape tenders				
Review the contractors' plans, drawings and actual work to track project progress and/or variations and recommend the associated payment terms				
Coordinate with various stakeholders to determine project scope variations and associated implementation requirement and risks				
Review payment claims submitted by contractors against progress on established milestones				
Track projects against established schedules, budget, manpower and technical quality targets to report issues associated with project implementation to the management team				
Review the maintenance and progress of defect rectifications and maintenance obligations of the contractors				
<b>Skills and Competencies</b>	<b>Technical Skills and Competencies</b>		<b>Generic Skills and Competencies (Top 5)</b>	
	Aesthetic and Design Sensibility	Level 3, Level 4	Communication	Intermediate
	Biophilic Design	Level 4	Teamwork	Advanced

	Building Information Modelling Application	Level 3	Creative Thinking	Advanced
	Business Development	Level 3	Digital Literacy	Intermediate
	Conceptual Thinking	Level 3	Computational Thinking	Basic
	Contract Preparation, Evaluation, Negotiation and Tendering	Level 4		
	Critical Thinking	Level 3		
	Cultural, Heritage and Socio-economic Sensitivity for Design	Level 3, Level 4		
	Data Analysis and Interpretation	Level 2		
	Design Creation and Development	Level 3, Level 4		
	Design Sketching	Level 3, Level 4		
	Design Standards and Specification	Level 3, Level 4		
	Design Thinking Practice	Level 3		
	Digital and Physical Prototyping	Level 3, Level 4		
	Ecology in Landscapes	Level 4		
	Form Giving	Level 3, Level 4		
	Imagination and Exploration	Level 3		
	Innovation Management	Level 3		
	Material Studies and Production Processes	Level 3		
	Plant Identification	Level 3		
	Plant Selection for Landscape Development	Level 3		
	Project Management	Level 3, Level 4		
	Site Assessment and Analysis	Level 3		
	Skyrise Greenery Design and Implementation	Level 4		
	Stakeholder Management	Level 3		
	Sustainable Landscape Design	Level 3		
	Technical Drawing	Level 3		
	Visual Communication	Level 3		
<b>Programme Listing</b>	For a list of Training Programmes available for the Landscape sector, please visit: <a href="http://www.skillsfuture.sg/skills-framework/landscape">www.skillsfuture.sg/skills-framework/landscape</a>			

The information contained in this document serves as a guide.