

**SKILLS FRAMEWORK FOR HEALTHCARE  
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

<b>TSC Category</b>	Patient Care					
<b>TSC</b>	Environmental Assessment and Modification for Physiotherapy					
<b>TSC Description</b>	Assess and recommend appropriate environmental modifications based on client needs in their homes, schools and/or workplaces					
<b>TSC Proficiency Description</b>	<b>Level 1</b>	<b>Level 2</b>	<b>Level 3</b>	<b>Level 4</b>	<b>Level 5</b>	<b>Level 6</b>
			<b>HCE-PTC-3015-1.1</b>	<b>HCE-PTC-4015-1.1</b>	<b>HCE-PTC-5015-1.1</b>	<b>HCE-PTC-6015-1.1</b>
			Perform visits to assess clients' ability to manage in their environment. Identify any provisions and make necessary recommendations to facilitate clients' ability to cope in their environment. Seek guidance as necessary	Evaluate environmental modification recommendations and clients' performance. Make modifications to prescribed interventions accordingly. Provide guidance to junior therapists where necessary	Develop and review guidelines on environmental modifications for clients with special needs and provide consultation and training if required	Provide specialist inputs to the development of policies, standards, guidelines and design of an environment for clients with special needs
<b>Knowledge</b>			<ul style="list-style-type: none"> <li>• Activities of daily living</li> <li>• Principles of ergonomics and body biomechanics to prevent injuries and facilitate better well-being</li> <li>• Theoretical models to guide environmental modifications</li> <li>• Range of possible environmental modifications</li> <li>• Assessment tools and processes to determine environmental modifications needed</li> <li>• Factors to consider in the design of environmental modifications</li> <li>• Government initiatives and policies on enabling clients with special needs in Singapore to enhance their daily living</li> <li>• Furniture and relevant environmental fixtures</li> </ul>	<ul style="list-style-type: none"> <li>• Ergonomics principles</li> <li>• Evaluation criteria for assessing the effectiveness of environmental modifications</li> </ul>	<ul style="list-style-type: none"> <li>• Safety and ergonomics standards</li> <li>• Training delivery methods</li> <li>• Various and relevant code of practice including Building and Construction Authority (BCA) guidelines</li> </ul>	<ul style="list-style-type: none"> <li>• Architectural considerations in commercial or residential areas that enable safe movement of the elderly or disabled</li> </ul>

**SKILLS FRAMEWORK FOR HEALTHCARE  
TECHNICAL SKILLS AND COMPETENCIES (TSC) REFERENCE DOCUMENT**

			<p>which clients can use to improve performance</p> <ul style="list-style-type: none"> <li>• Relevant legislation or guidelines on approved environmental modifications</li> <li>• Price range for environmental modification, if relevant</li> <li>• Suppliers and contractors for environmental modifications, if relevant</li> </ul>			
<b>Abilities</b>			<ul style="list-style-type: none"> <li>• Identify barriers and safety issues during task performance and advise appropriate task modifications to clients and/or caregivers</li> <li>• Assess accessibility and clients' performance, mobility, transfers and other functions within the house, school and work environment, where applicable</li> <li>• Identify falls risks and hazards and recommend environmental modifications, as appropriate</li> <li>• Ensure assessment data and clinical observations related to the client, context, and performance in environmental modifications are synthesised and interpreted according to current evidence and best practices</li> <li>• Assess modifications against prescribed assistive equipment to</li> </ul>	<ul style="list-style-type: none"> <li>• Review effectiveness and safety of environmental modifications and make required recommendations if required</li> <li>• Advocate for the needs of those requiring modifications</li> </ul>	<ul style="list-style-type: none"> <li>• Develop guidelines and training materials on environmental modifications</li> <li>• Provide effective consultation and training catered to clients' needs</li> </ul>	<ul style="list-style-type: none"> <li>• Initiate and lead specialist inputs on the design of environment for older populations and disabled</li> <li>• Collaborate with relevant stakeholders to ensure conducive and safe environment for clients can be provided</li> </ul>

			determine the appropriate uses			
--	--	--	--------------------------------	--	--	--