

**Specification of Competency Standards**  
**for the Elderly Care Service Industry**  
**Unit of Competency**

Functional Area - Gerontechnology

Title	Understand the Basic Knowledge on Function Enhancing Technology
Code	110878L1
Range	This Unit of Competency is applicable to practitioners responsible for using gerontechnology in the elderly care service industry. The application requires performing routine and repetitive tasks in clearly defined and highly structured working environments, and its execution requires knowledge and understanding abilities. Practitioners should be able to explain to the elderly persons the different types of technologies used for enhancing their functions, and assist them in the use of function enhancing technology.
Level	1
Credit	1 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Relevant knowledge on function enhancing technology</p> <ul style="list-style-type: none"> <li>• Understand the definition of gerontechnology and the basic knowledge on the types of equipment</li> <li>• Understand the basic knowledge on the types of function enhancing technology, such as: <ul style="list-style-type: none"> <li>○ Sonic wave whole body exercise equipment</li> <li>○ System for dynamic unloading</li> <li>○ Balance training system</li> <li>○ Active/passive hand and foot training equipment</li> <li>○ Virtual reality rehabilitation training system, etc.</li> </ul> </li> <li>• Understand the basic functions and application methods of function enhancing technology</li> </ul> <p>2. Understand the basic knowledge on function enhancing technology</p> <ul style="list-style-type: none"> <li>• Outline how medical and rehabilitation services utilize technology to improve the elderly's functioning</li> <li>• Identify the types and functions of function enhancing technology</li> <li>• Explain how function enhancing technology improves the elderly's physical functions, such as: <ul style="list-style-type: none"> <li>○ Upper limb function</li> <li>○ Lower limb function</li> <li>○ Muscle strength and control ability</li> <li>○ Mobility</li> <li>○ Balance ability</li> <li>○ Walking posture and ability</li> <li>○ Abilities to perform activities of daily living and self-care ability</li> <li>○ Coordination ability, etc.</li> </ul> </li> </ul> <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> <li>• Able to explain the types, functions and basic application methods of function enhancing technology, and assist the elderly persons in their use, according to the instructions of the senior/supervisor</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this Unit of Competency are:</p> <ul style="list-style-type: none"> <li>• Able to explain the different types of function enhancing technology and assist the elderly persons in their use.</li> </ul>

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