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

Functional Area - Common

Title	Assess the Elderly's Needs for Gerontechnology
Code	110949L5
Range	This Unit of Competency is applicable to practitioners who provide rehabilitation and/or nursing services in the elderly care service industry.The application requires the demonstration of in-depth expertise or theoretical knowledge in a range of technical, professional or managerial working environments, and its execution requires careful thinking, critical analysis and decision-making skills.Practitioners should be able to conduct professional analysis to assess the elderly's needs for gerontechnology, according to the elderly's comprehensive assessment results.
Level	5
Credit	3 （For Reference Only）

Competency	Performance Requirements
	1. Relevant knowledge on the elderly's needs for gerontechnology
	
	• Understand the scope of work of related specialties, such as: social work, nursing, occupational therapy, physical therapy, speech therapy, etc.
	• Understand multi-disciplinary assessment tools and their application scope, such as:
	  o Hong Kong Montreal Cognitive Assessment (HK-MoCA)
	  o Barthel Index
	  o Elderly Mobility Scale
	  o Instrumental Activities of Daily Living (IADLs) Ability Scale, etc.
	• Understand the methods and techniques for assessing the different aspects of the elderly's needs and required assistance, such as:
	  o Nursing
	  o Personal care
	  o Cognitive ability
	  o Mobility
	  o Self-care ability
	  o Transfer and walking ability
	  o Activities of Daily Living (ADLs) and Instrumental Activities of Daily Living (IADLs)
	  o Economic condition
	  o Living environment
	  o Services received
	  o The resources and abilities of the carers and their support network, etc.
	• Understand the benefits of technological products for the elderly persons and their carers, such as:
	  o Reduce the burden and pressure of nursing staff and carers
	  o Improve the elderly's quality of life, etc.
	• Understand the types, application functions, functions and applicable target groups of common gerontechnology
	
	2. Assess the elderly's needs for gerontechnology
	
	• Analyze the elderly's needs according to the understanding of elderly's comprehensive needs, and utilize the assessment tools and interview in the scope of individual and multi-disciplinary assessments to identify the issues with caring for the elderly persons, the elderly's abilities, their potentials, and their willingness to receive care, such as:
	  o Utilize the Elderly Mobility Scale to assess their activity ability and required assistance

Functional Area - Common

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○ Utilize the HK-MoCA to assess the elderly's cognitive condition
○ Use the IADLs Ability Scale to assess the elderly's abilities in daily living and required assistance

• Analyze and integrate all aspects of the elderly's needs according to their core issues, such as:

○ Need for care and treatment of disease
○ Need for diet control
○ Personal care needs
○ Social and psychological needs
○ Home environment and financial assistance needs, etc.

• According to the elderly's needs, information on gerontechnology pairing, determine the gerontechnology that best meets their needs, and recommend the use of the equipment

3. Exhibit professionalism

• Apply a wide range of professional knowledge and the relevant knowledge on gerontechnology to make judgments and systematically analyze the elderly's needs for gerontechnology
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<td>Assessment Criteria</td>
<td>The integrated outcome requirements of this Unit of Competency are:

• Able to analyze and integrate the elderly's needs for gerontechnology according to the professional assessment results and observations on their conditions, and understand the industry's information on gerontechnology.</td>
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