

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

Functional Area - Gerontechnology

Title	Lead and Execute the Application of Innovative Gerontechnology
Code	110890L6
Range	This Unit of Competency is applicable to practitioners who are responsible for coordinating the application of innovative gerontechnology projects in the elderly care service industry. The application requires the demonstration of systematic expertise and coherent theoretical knowledge in a wide range of specialized technical, professional or managerial working environments, and its execution requires critical analysis, decision-making, integration and expansion skills. Practitioners should be able to lead the organization to introduce and integrate the application of innovative gerontechnology, as well as to lead and implement its common use in the industry, according to the understanding of the development of the gerontechnology industry.
Level	6
Credit	4 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Relevant knowledge on the application of innovative gerontechnology</p> <ul style="list-style-type: none"> • Fully understand the detailed information on various innovative gerontechnology projects, such as: <ul style="list-style-type: none"> ○ Technical content and application of the project ○ Specific results of research and trials ○ Requirements for service users and target groups ○ Cost involved in the procurement of the technology, such as: the purchase of equipment and software, staff training, maintenance, technical support, etc. ○ Influence and contribution to the development of elderly community care and support services, etc. ○ Requirements for service users and target groups • Sufficient understanding on the information regarding innovative gerontechnology specifications, supplier and manufacturer, etc. • Fully understand the factors that organizations need to consider in promoting the gerontechnology project, such as: <ul style="list-style-type: none"> ○ Classification methods, and risk categories of innovative gerontechnology ○ Types of staff and service users involved ○ Manpower and space that organization can provide ○ Organization's service operation model ○ Equipment delivery and recycling arrangements ○ Staff training and technical support ○ Methods of clinical trial and regulatory requirements, etc. • In-depth understanding of the organization's overall operating strategy and priorities, and lead and execute the application of gerontechnology projects according to the organization's development strategy • Understand the sources of funding that the organization can apply for, funding and approved projects, funding targets and application methods, such as: <ul style="list-style-type: none"> ○ Social Welfare Department Innovation and Technology Fund for Application in Elderly and Rehabilitation Care ○ Innovation and Technology Fund ○ Subsidy service budget of equipment purchased for the new operations ○ Social Welfare Department Lotteries Fund ○ The Hong Kong Jockey Club Charities Trust ○ Donors/other funds, etc.

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	<p>2. Lead and execute the application of innovative gerontechnology</p> <ul style="list-style-type: none"> • Comprehensively consider the industry's background, needs and developmental directions, carefully assess and explore innovative gerontechnology that have already been developed and have development potentials • Introduce local and foreign advanced and effective technology to improve the quality of gerontechnology projects • Lead and execute innovative gerontechnology projects, such as: <ul style="list-style-type: none"> ○ Coordinate the resource allocation and assessment for the execution of innovative gerontechnology plans ○ Develop research, design and management strategies according to the factors that the organization needs to consider in promoting the gerontechnology project ○ Follow-up and control the execution of innovative gerontechnology plans • Comprehensively review, assess and analyze the development of innovative gerontechnology, such as: <ul style="list-style-type: none"> ○ Develop comprehensive strategies to review the progress and benefits of various applications for innovative gerontechnology ○ Comprehensive analysis of the advantages and disadvantages of applying innovative technologies ○ Suggest measures to effectively promote innovative technologies, etc. • Facilitate the exchange of knowledge related to the application of innovative gerontechnology, such as: <ul style="list-style-type: none"> ○ Strengthen the professional knowledge of organizing and executing the application of innovative gerontechnology through exchanges and sharing with the relevant colleagues in the industry and scholars/experts related to innovative gerontechnology ○ Lead the developmental direction of the development of innovative technology, and aim to make significant contributions to the industry <p>3. Exhibit professionalism</p> <ul style="list-style-type: none"> • Demonstrate leadership and integration abilities in the application of innovative gerontechnology to cope with new environments, and promote the development of the industry and organization
<p>Assessment Criteria</p>	<p>The integrated outcome requirements of this Unit of Competency are:</p> <ul style="list-style-type: none"> • Able to lead and execute the application of innovative gerontechnology in the elderly community care and support services industry; and • Able to comprehensively review the benefits of the application of innovative gerontechnology projects, and suggest their directions and applications for organizations and the industry.
<p>Remark</p>	