Advanced Assistive Technology for Elderly Care Training Course

26 – 30 September 2027
Muscat

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Training Center

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Ref: 1443_206515 **Date:** 26 – 30 September 2027 **Location:** Muscat **Fees:** 5700 Euro

Overview

Advanced Assistive Technology for Elderly Care Training Course is a one-week advanced course for elderly-care service managers, assistive technology coordinators, home-care leaders, and support teams who leave with an Assistive Technology Implementation Portfolio. Participants connect needs and environment assessment, product selection and fit, procurement, deployment, user adoption, privacy and data governance, maintenance, and outcome monitoring across home and community settings. Agile Leaders Training Center presents assistive technology for elderly care through person-centered implementation and service control.

Who Should Attend

- Service-management functions responsible for technology-enabled elderly-care pathways
- Assistive-technology functions responsible for needs matching, selection, and follow-up
- Occupational-support functions responsible for environmental fit and user capability
- Home-care leadership functions responsible for deployment, training, and escalation
- Quality and governance functions responsible for privacy, risk, and outcome assurance

The course assumes participants already coordinate elderly-care services or technology deployment and leaves out diagnosis, prescribing, clinical procedures, and device engineering.

Departments and Industries

The course supports departments and industries that select, deploy, govern, or monitor technology-enabled support for older adults.

- Home-care and community-support services
- Residential care and assisted-living organizations
- Healthcare operations and rehabilitation support
- Assistive-product suppliers and service providers
- Social services and aging-support organizations

Learning Objectives

By the end of this course, participants will be able to:

- Apply person-centered needs and environment assessment
- Compare assistive products using fit, usability, and risk criteria
- Build procurement, deployment, and user-training controls
- Analyze adoption, privacy, reliability, and maintenance barriers
- Evaluate outcomes, feedback, and service continuity
- Prioritize governance actions across the technology lifecycle

Course Agenda

Day 1: Needs, Functions, and Service Context

- WHO GATE 5P Service-System Map
- Older-Adult Functional Goal Interview Guide
- Person-Environment-Occupation Fit Assessment
- Home and Community Context Observation Sheet
- Assistive Technology Need Statement Template

Day 2: Product Selection, Fit, and Risk

- ISO 9999 Assistive Product Classification Method
- Product-to-Need Matching Matrix
- Usability and Accessibility Evaluation Checklist
- Safety, Reliability, and Failure-Mode Review
- Selection Rationale and Referral Record

Day 3: Procurement, Deployment, and Adoption

- Requirements and Supplier Evaluation Scorecard
- Implementation Readiness and Site-Fit Review
- Configuration, Fitting, and Handover Protocol
- Older-Adult User Training and Coaching Plan
- Adoption Barrier and Facilitator Analysis

Day 4: Data, Maintenance, and Governance

- Privacy and Data Governance Decision Log
- Consent, Access, and Information-Sharing Map
- Maintenance, Repair, and Service-Continuity Plan
- Incident, Complaint, and Escalation Workflow
- Outcome Indicator and User-Feedback Dashboard

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Day 5: Technology Implementation Practice

- Exercise: Complete a Functional Need and Context Assessment
- Exercise: Compare Products with the Selection Matrix
- Exercise: Design a Deployment and Adoption Sequence
- Exercise: Evaluate Privacy, Maintenance, and Outcome Controls
- Capstone Exercise: Assistive Technology Implementation Portfolio

Practical Exercises

The course uses suggested activities from home care, community support, residential care, and rehabilitation-support settings.

- Suggested activity: translate an older adult's functional goals and environment into a documented technology need.
- Suggested activity: compare mobility, cognition, communication, or self-care products using fit, usability, safety, and support criteria.
- Suggested activity: plan procurement, configuration, training, maintenance, privacy, and escalation for a deployment scenario.
- Suggested activity: build outcome measures and a feedback route for continued service improvement.

FAQs

Who suits assistive technology for elderly care training, and what does it assume?

Assistive technology for elderly care training suits professionals who already coordinate services, product provision, or technology deployment. It assumes operational responsibility and keeps clinical diagnosis, prescribing, procedures, and device engineering outside scope.

How does assistive technology for elderly care differ from a general digital health course?

Assistive technology for elderly care focuses on functional needs, product fit, accessibility, adoption, maintenance, and daily-life outcomes. General digital health training usually addresses broader information systems, virtual care, analytics, or organizational transformation.

How should teams select assistive devices for older adults?

Teams should begin with the older adult's goals, abilities, environment, preferences, support network, and risks, then compare product fit, usability, reliability, affordability, training, maintenance, and follow-up requirements.

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What supports older-adult adoption of assistive technology?

Older-adult adoption is supported by perceived usefulness, ease of use, trust, accessible design, appropriate training, social support, reliable service, privacy safeguards, and continued adjustment as needs change.

How should assistive technology outcomes be monitored?

Assistive technology outcomes should connect functional goals with safe use, participation, independence, user experience, incidents, service continuity, maintenance performance, and feedback from older adults and caregivers.

Conclusion

The course connects needs assessment, product selection, deployment, adoption, privacy, maintenance, outcomes, and governance. Participants take back an Assistive Technology Implementation Portfolio. The portfolio changes how teams justify selections, coordinate suppliers, prepare users, manage risks, monitor performance, and maintain technology-enabled support over time.