
IO4-A1. GENERAL TRAINING CURRICULA.

*Unit 1: Assisted Living
Technology for Home Care.*

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Assisted Living Technology For Home Care

Introduction to the Unit

This unit is part of the Enhanced Home Care Worker qualification. Advances in technology means that people living with chronic illnesses can live more independently at home. This unit concerns knowledge about resources and equipment that is available and how these can be used to empower these individuals.

Glossary of Terms in the Unit:-

A.L. Technology: Assisted Living Technology

The Individual: the person being cared for in their own home.

Key People: the important people in the Individual's life e.g. family, friends or neighbours supporting them in a variety of ways.

EHCW: Enhanced Home Care Worker

Care Professionals: Any Health or Social Care Professionals, for example, Nurses, Doctors, Health Visitors, Social Workers, Home Care Managers, Physiotherapists, Occupational Therapists, Podiatrists, Counsellors, Psychiatrists and Psychologist.

Mentor: The person appointed to supervise you undertaking this qualification. This may be your Line Manger or other senior member of staff.

Values: In all the competencies you should be incorporating the values of:-

- A Person Centred/Family Centred Approach,
- Confidentiality and Privacy especially in relation to E technology.
- Respect for the person and their values, culture and religion
- Ensuring Dignity
- Promoting Autonomy
- Ensuring safety
- Promoting Equality and respecting diversity

Level: Since this is a qualification for Enhanced Home Care Workers, your examples should reflect greater knowledge and enhanced skills, than is required for lower level qualifications.

Evidence Gathering Methods: You will provide evidence of your knowledge, understanding and competence through:-

- **Practice Accounts:** These are written accounts whereby you reflect on your practice and show how you fulfilled the Competences. The Practice Accounts should also show evidence of the Knowledge and Understanding points. Practice Accounts will make up the majority of your evidence.
- **Observation by Care Professionals:** At least **four** example of your practice should be observed by your Line Manager/Appointed Mentor or a different Care Professional. They will write an account of how you fulfilled the Competences and may include evidence of the knowledge and understanding points too. They may also ask questions to enable you to fulfil some of the Knowledge and Understanding points.
- **Testimony by a Key Person:** One example of your practice may be observed by one of the Individual's Key People and an Account written by them, describing how you fulfilled one or more of the Competences.

- **Discussions and Questioning by your Mentor:** You will have a professional discussion with your mentor where you describe your practice, how you have dealt with a situation or would deal with it.

Knowledge and Understanding

Different agencies and individuals will vary a great deal in their knowledge and access to A.L. Technology. You should show your knowledge of what is possible for the Individuals you are working with or how A.L. Technology could benefit them even though not provided at present.

You should cover knowledge and understanding in your practice of:-

1. How individuals and Key People in their lives can be empowered by the use of A.L. technology in the home.
2. What Ambient Assisted Living, Telehealth, Telecare and Telemedicine consist of and what is the difference between them.
3. How the use of A.L. Technology can enhance communication between care professionals.
4. How A.L. Technologies can be used to enhance communication between the Individual and Health and Social Care Professionals.
5. What digital tools are available for information gathering, processing and analysis.
6. Telecare: How teleassistance can be used to support people who live alone in case of emergency.
7. Telecare: How A.L. Technology can be used to support people in need of cognitive stimulation.
8. Telecare : How the use of video phones can improve communication and reduce isolation.
9. Telecare: How A.L. Technologies can be used to reduce social isolation for the Individual by being a part of a Virtual Community.

10. How actively engaging people in their disease management or wellness promotion through A.L. Technology is more likely to lead to a positive outcome.
11. How Telehealth can be used to help the Individual manage their own health and wellbeing as well as provide information to Care Professionals.
12. Telemedicine: What a Telemonitoring System consists of and how it can support self-management of the individual's condition.
13. Telemedicine: What telerehabilitation consists of and how it can support self-management of the individual's condition.
14. Telemedicine: How A.L. Technologies can help the Individual with their pharmacological treatments e.g. reminding them when medication is due to be taken.
15. Robotic applications available which help reduce impairment and improve mobility.
16. What Smart Homes are and how Domotic Sensors in the home can reduce the need for hospital or residential care.
17. The importance of leaving the person with a 'warm' impression when they can't see you or hear your tone of voice in emails etc.
18. The importance of ensuring the Individuals you work with have a sense of your presence even though they are communicating with you through technology.
19. Why being patient is very important when supporting someone with the use of technology.
20. Challenges and safety issues associated with A. L. Technology.
21. Legislation and Policies and Procedures related to A.L. Technology.

Competences

Provide an example of:

1. Assisting the Individual to use A.L. Technology in their home and how this has enhanced their wellbeing.
2. How accessing additional technology could enhance further the Individual's wellbeing.
3. Conveying confidence to the Individual and Carers about the use of digital devices.
4. Using a Digital Tool, for information gathering, processing or analysis.
5. How you have used or could use Telehealth to support the Individual manage their own health and wellbeing.
6. How you have used or could use Telecare to support the individual manage their own health and wellbeing
7. An email you have written to the Individual where you have conveyed 'warmth' and been supportive in your tone.
8. When you have ensured the Individual has a clear sense of your presence even though they are communicating with you through technology.
9. Being patient when supporting someone who is trying to learn how to use A.L. technology.
10. Using A.L. Technology to communicate with the Individual about their care.
11. Communicating effectively with other Care Professionals using A.L. Technology.

12. Using a Tele-assistance system or explaining how it could enable people to remain in their own homes.
13. Encouraging /could encourage the use of A.L. Technology to reduce social isolation.
14. Enabling/encouraging someone to be part of a Virtual Community and explain how this has improved/could improve their health and wellbeing.
15. Using A.L. Technology to support an Individual who would benefit from cognitive stimulation.
16. Supporting the Individual/how you could support the Individual to use A.L. Technology to encourage self-management of their health or wellbeing.
17. Using a telemonitoring system or explaining how it can support people with chronic illnesses in their own homes.
18. Using a Telerehabilitation system or explaining how it can support people with chronic diseases in their own homes.
19. Using a A.L. Technology to help the Individual with their pharmacological treatments
20. Demonstrating or describing how Robotic applications can help reduce impairment and improve mobility for individuals with chronic illnesses.
21. Explaining to the Individual or Carers what Smart Homes and Domotic Sensors are and how they do or could enable people to remain in their own homes.
22. When, you or the Individual, have encountered some challenges in using A.L. Technology and how you overcame the challenge.
23. Ensuring you applied Legislation and Organisational Procedures while using A.L. Technology.