# Digital Health and Technology Enabled Care (CPD overview)

**Unit code**

NURS65522

**Credit weighting**

15 credits (Level 7)

**Course dates**

January to March 2023 (part-time)

**Course aim**

This unit aims to introduce the health, social care, and other professionals to the range of existing and emerging technologies used in health and care, along with increasing their understanding of the benefits, limitations, and risks of these digital tools across health and social care.

**Course description**

The unit will explain the foundations of technology in health and care and how digital tools can be employed across the domains of clinical practice including direct patient care, administration, and management, as well as research, education, and policy.

Professionalism and clinical decision making when utilising electronic systems, mobile and other devices, online or web-based applications along with data standards and governance required in hospital and community settings that employ digital tools will be explored.

The unit will also enhance students' knowledge on how to co-design technologies with patients and other stakeholders, and how to critically evaluate their benefits, limitations, and risks for patients who use digital products or services for self-management or the public who use them for self-care.

**Intended learning outcomes**

**Knowledge and understanding**

- Recognise and critically discuss the importance of health data, its collection and management via information technology, and how digital data is applied in decision making for service improvement and high-quality patient care

- Critically assess and articulate insights into current standards, policies, and processes associated with technology and its implementation in health and care

- Demonstrate a critical understanding of the range of digital tools used in healthcare and knowledge of the ethical, legal, and social aspects of their use in patient care

**Intellectual skills**

- Identify the principles of data and information governance, including privacy and security requirements for digital health tools

- Apply critical understanding and original thought to illustrate how policies and procedures that govern the deployment, use and management of digital technologies in healthcare

- Critically reflect on their role and other professionals in supporting and leading new technological innovations in health and care

**Practical skills**

- Recognise and act professionally when using digital technologies with patients, carers, and other professionals in organisational settings

- Capability to evaluate the evidence on the benefits, risks, and limitations of technology in health and care

**Transferable skills and personal qualities**

- Ability to teach, mentor and coach others and improve one's own professional ability to use a wide range of digital health technologies

- Recognise and understand the benefits, limitations, and risks imposed by digital technologies in health and care

- Ability to use a range of digital health tools to plan, deliver, and evaluate patient care, and support patient education and self-management

- Systematically evaluate evidence and use it effectively to inform the design, implementation, and use of technology in health and care

## Indicative content

- Health or clinical informatics
- Digital health and technology enabled care
- Legal, ethical, and social impact of current and emerging technologies
- Information governance, privacy, and security
- Mentoring, educating, and supporting digital self-management and self-care
- Innovation, entrepreneurship, and change management

## Learning and teaching processes

The course is delivered online, with self-directed learning materials that can be accessed at any time. Sessions are recorded so that students who cannot make synchronous sessions are still able to view any lectures or seminars.

## Coursework and assessment

This unit is assessed entirely through written coursework and engagement with the course unit materials online.