

HM005 Information Management & Technology in Healthcare

Unit Description

This unit explores the increasing and current use of technology in health care and the advantages and disadvantages that this affords. It will explore the evolution of electronic health records and its impact on patient safety, data confidentiality, privacy, security and ethical issues. This unit will introduce students to digital health, mobile health, eHealth and telehealth and how these can facilitate improved patient care in specific contexts. Legal issues and concepts will also be explored, as well as the impact of human error. The unit will further examine system requirements, issues, standards and vocabulary and how effective management is required to successfully implement and maintain such systems.

Credit Points	8 credit points
Duration	12 weeks (10 teaching weeks and 2 revision and assessment weeks)

Unit Learning Outcomes

On successful completion of this unit, students will be able to:

1. Address practical and conceptual issues surrounding health information quality.
2. Evaluate models for information and data management and their impact on care quality and safety.
3. Appraise adverse event and risk detection and reduction tools and their value in planning quality and safety initiatives.
4. Apply standards in relation to ethics, confidentiality and privacy issues related to the collection of health information.