

Digital Health and Informatics

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| Module Code: | LEM7030-B |
| Academic Year: | 2018-19 |
| Credit Rating: | 20 |
| School: | Centre for Inclusion and Diversity |
| Subject Area: | Leadership and Management (Health) |
| FHEQ Level: | FHEQ Level 7 (Masters) |

Pre-requisites:

Co-requisites:

Contact Hours

| Type | Hours |
|----------------|-------|
| Lectures | 5 |
| Seminar | 10 |
| Tutorials | 8 |
| Laboratory | 12 |
| Directed Study | 165 |

Availability Periods

| Occurrence | Location/Period |
|------------|---|
| DLD | University of Bradford / Academic Year (Sept - May) |
| DLC | University of Bradford / Academic Year (Sept - May) |
| DLB | University of Bradford / Academic Year (Sept - May) |
| DLA | University of Bradford / Academic Year (Sept - May) |

Module Aims

Adopting an inter-professional, collaborative approach in order to prepare students to contribute to local, national and international strategies and policies. Students will identify and explore initiatives within their area of practice and critically appraise the planning, implementation and evaluation of these initiatives and/or outcomes.

Outline Syllabus

eHealth - what does it mean and why is it important?; Health informatics; Learning health systems; Patient eHealth; Research and Evaluation in eHealth; Challenges in eHealth including privacy and data governance; E-mental health; Electronic Health Records and Patient Access Portals; Cybermedicine

Module Learning Outcomes

On successful completion of this module, students will be able to...

- 1 Appreciate the potential for eHealth to transform healthcare
- 2 Design robust evaluations of eHealth solutions
- 3 Understand how to improve healthcare through eHealth solutions
- 4 Research, plan, design, develop and manage an innovative digital health solution, by critically analysing and interpreting data, and effectively disseminating results.

Learning, Teaching and Assessment Strategy

Directed study by use of Study Books, pre-recorded lectures, talks and videos. Interaction through on-line discussion board, on-line multiple-choices questions and quizzes. The students also will be directed to further on-line activities and resources from the VLE. On-line interactive tutorials will be provided as a synchronous learning activity with the module leader or tutor.

To gain a firm understanding of the subject area and the key issues (as outlined in the syllabus) students will be required to access and engage with a variety of online resources (selected readings, video and audio resources) a designated set text and a module study book that sets out guided reading, self-assessment exercises, case studies and links to additional resources. This relates to module learning outcome 1 & 2. In addition students attend a series of tutorial sessions. These sessions allow the students to reflect on their learning further applying key academic and practitioner based models and frameworks thereby gaining a detailed understanding. This relates to module learning outcomes 3 & 4. Students have the opportunity to complete a series of online MCQ exercises for each module unit studied. (MLOs 1 - 2) After completing the questions students receive instant feedback on their performance. In addition to this there is the option of completing 2 formative tasks. These tasks involve answering a question(s) on a key issue/theory relating to the module. Written feedback is provided by the module tutor. This relates to module learning outcomes: 3, 4 and 3. The individual assignment is designed to test students' this relates to module learning outcomes 1-4. The assignment allows students to gain an understanding of the subject and explores a number of areas within the module by applying their learning to a real company.

Mode of Assessment

| Type | Method | Description | Length | Weighting | Final Assess' |
|-----------|------------|-------------|-----------------|-----------|---------------|
| Summative | Coursework | Assignment | 3500-4000 words | 100% | Yes |

Legacy Code (if applicable)

Reading List

To view Reading List, please go to [rebus:list](#).