

Module Details	
Module Title:	Medical Ethics and Regulations
Module Code:	MHT6005-A
Academic Year:	2019-20
Credit Rating:	10
School:	Department of Biomedical and Electronics Engineering
Subject Area:	Medical and Healthcare Technology
FHEQ Level:	FHEQ Level 6
Pre-requisites:	
Co-requisites:	

Contact Hours	
Type	Hours
Lectures	18
Tutorials	6
Directed Study	76

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1 (Sep - Jan)

Module Aims
Critical review of medical ethics and regulations within medical engineering.

Outline Syllabus
The value of life; respect for persons; moral duties within a medical environment; the moral significance of age. Telling the truth; responsibility to communicate; confidentiality & the Data Protection Act, consent and informed consent. Public accountability; medical negligence and litigation; compensation; transplantation of organs and tissues. Experimentation; commercial exploitation. Allocation of scarce resources; efficacy of interventions. Assessment of project risk; ethics committees; payment/inducements. Classification of medical devices. Legal requirements for design and manufacture. MDD regulations; international standards; routes to conformity.

Risk assessment; legislation, patents and clinical trials.

Learning Outcomes

1	Critically review and consolidate medical ethics and regulations, and their importance and application in a wide range of medical engineering and technology applications
2	Apply medical ethics and regulations to critically evaluate professional scenarios and the development of medical devices.
3	Systematically solve problems

Learning, Teaching and Assessment Strategy

Knowledge disseminated and concepts explored in lectures, with learning supported by tutorial problems and tutor-lead classroom discussion. Formative assessment and oral feedback given in tutorials. The formal examination will assess all of the learning outcomes expressed in the descriptor.

Mode of Assessment

Type	Method	Description	Length	Weighting
Summative	Examination - closed book	Exam	2 hours	100%

Reading List

To access the reading list for this module, please visit <https://bradford.rl.talis.com/index.html>.

Please note:

This module descriptor has been published in advance of the academic year to which it applies. Every effort has been made to ensure that the information is accurate at the time of publication, but minor changes may occur given the interval between publishing and commencement of teaching. Upon commencement of the module, students will receive a handbook with further detail about the module and any changes will be discussed and/or communicated at this point.