

Safe and Professional Radiographic Practice

Module Code:	RAD4008-C
Academic Year:	2018-19
Credit Rating:	30
School:	School of Allied Health Professions and Midwifery
Subject Area:	Radiography
FHEQ Level:	FHEQ Level 4

Pre-requisites:

Co-requisites:

Contact Hours

Type	Hours
Lectures	38
Practical classes and	6
Clinical Placement	181
Tutorials	16
Directed Study	59

Availability Periods

Occurrence	Location/Period
BDA	University of Bradford / Academic Year (Sept - May)

Module Aims

To introduce the student to study at university, the BSc (Hons) Diagnostic Radiography programme and study skills for undergraduate learning and assessment. The module will also introduce you to concepts of professionalism, ethics and safety, considering the needs of the service user at all times.

Outline Syllabus

Induction to: the programme, Faculty and University. Regulations and procedures. Support within the University and placement. Collaborative learning and working with others.

Developing study skills: learning and assessment at University and placement, including academic writing, referencing and the use of the Harvard System. Finding evidence, evaluating and using research. IT skills: including use of VLE and professional development portfolio. Professional identity and the role of the diagnostic radiographer. The Health Professions Council and the Society and College of Radiographers. Competence and continuing professional development. Theories of interprofessional team working. High quality patient care for a diverse population. Person centred care. Patient/service user involvement in care. Patient perspectives and working with health issues such as dementia. Tier 1 Dementia awareness training. NHS Constitution, values and behaviours. Ethics, candor, communication, overcoming barriers. Safe guarding of vulnerable people. Human factors and error theory. Public health, the radiographers role. Mandatory Pre-Practice Placement Training (MPPPT): Basic Life Support, Moving and Handling, Fire Safety, Student and Patient Safety, Equality, Diversity and Human Rights, Infection Control/Hand Hygiene, Information Governance. Atomic structure; radioactivity; radiation sources and hazards; fundamentals of radiation protection; radiation dosimetry; principles of health & safety. Application of mathematical skills.

Module Learning Outcomes

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

- 1
 - 1.1 Identify the skills, values and behaviours of a professional practitioner as defined by the Health Professions Council in the Standards of Proficiency for Radiographers
 - 1.2 Understand your own responsibilities for safe inter-professional practice with awareness of human factors and apply the principles of Mandatory Pre-Practice Placement Training (MPPPT)
 - 1.3 Demonstrate awareness of relevant regulations
 - 1.4 Understand the importance of Education for Sustainable Development (ESD) and what it means to you as a student

- 2
 - 2.1 Understand the role of the diagnostic radiographer, as part of a team, providing high quality care for patients and other service users including those with dementia
 - 2.2 Apply the Health and Care Professions Council `Guidance for Students on Conduct and Ethics for Students` to clinical practice and university
 - 2.3 Recognise the sources and hazards of ionising radiation and
 - 2.4 Understand the importance of radiation protection and employ appropriate processes both in clinical practice and at university

- 3
 - 3.1 Communicate effectively with patients and carers
 - 3.2 Demonstrate basic levels of communication with health care professionals
 - 3.3 Use mathematical principles in support of science and technology throughout the course
 - 3.4 Use developing skills in academic writing, reflection and use the Harvard Referencing System effectively
 - 3.5 present, evaluate and interpret qualitative data, develop lines of argument and make sound judgements
 - 3.6 Self assess your personal transferable skills and create an action plan of how you will implement strategies for improvement.

Learning, Teaching and Assessment Strategy

Lectures will for prepare students for life and study at university, including approaches to problem solving. Students will learn principles which will prepare them for their first clinical

placement, including mandatory subjects required for practice and high quality patient care. This will enable them to practice safely by protecting themselves and patients whilst in the clinical environment from ionising radiation and other health hazards.

Seminars and Tutorials students will work with their tutor and peers to gain feedback enabling development of their individual study skills and prepare for future assessments.

Practical: Mandatory health and safety training and simulated clinical learning will utilise clinical skills facilities.

Directed study: directed reading and learning. Online will include MPPPT e-learning material and NHS Tier 1 dementia training.

Other is practice placement. Students will be required to undertake training and complete tasks to demonstrate the practical and safe application of ionising radiation and employment of radiation protection.

Assessment is in two parts: an assignment to demonstrate understanding of professional issues and evidence of developing academic investigation and writing skills including effective use of the Harvard Referencing System (learning outcomes 1.1, 1.2, 1.4, 2.1, 2.2, 2.4, 3.1, 3.2, 3.3, 3.4); an exam assessing the ionising radiation and protection elements of the module (learning outcomes 1.3, 2.3, 2.4, 3.3)

Course based discussion of the science and practice of Radiography and an MCQ

Examination on Ionising radiation and protection

Mode of Assessment

Type	Method	Description	Length	Weighting	Final Assess'
Summative	Coursework	2000 word evidence based discussion of the science and practice of Radiography	-2000 words	60%	No
Summative	Computerised examination	MCQ Examination on Ionising radiation and protection	1 hour	40%	Yes

Legacy Code (if applicable)

Reading List

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