

Module Details	
Module Title	Projectional Radiography 3
Module Code	RAD5502-B
Academic Year	2024/5
Credits	20
School	School of Allied Health Professions and Midwifery
FHEQ Level	FHEQ Level 5

Contact Hours	
Type	Hours
Directed Study	3
Independent Study	112
Seminars	6
Lectures	15
Clinical Placement	46
Placement	18 (of which 9 are virtual simulated placement activities)

Availability	
Occurrence	Location / Period
BDA	University of Bradford / Semester 1

Module Aims
<p>This module will prepare students to undertake radiography of the axial skeleton and other projectional radiography examinations where modification of technique, care and communication is required to account for different healthcare settings (e.g. ward setting) and individual needs.</p>

Outline Syllabus

Effective patient assessment, communication, planning and evaluation within diagnostic imaging examinations considering personalised approach to service users and carers.

Modification of radiographic and patient care techniques to account for differing healthcare environments and patient presentation including mobility, psychological status, culture, age and condition related mental capacity. Safe moving and handling techniques.

Anatomy, physiology and common pathology and aetiology of the axial skeleton.

Overview of forensic imaging.

Radiographer professional, ethical and legislative responsibilities in recording patient status (e.g. LMP), protected characteristics and other disclosed information relevant to the examination or future patient care and communication as guided by HCPC standards, professional body guidance and law.

Communicating and working effectively within multidisciplinary teams within and remote from the medical imaging environment.

Local rules and radiation safety considerations within mobile and theatre radiography environments.

Learning Outcomes

Outcome Number	Description
01	Describe the normal anatomy, physiology and common pathologies of the axial skeleton using appropriate terminology.
02	Safely perform and evaluate axial and complex radiographic examinations, adapting your approach to radiographic and patient care techniques in response to patient needs and healthcare environment.
03	Demonstrate appropriate verbal and non-verbal communication with service users, carers, and the multiprofessional team in relation to patient assessment, examination planning and evaluation of imaging.
04	Critically evaluate the legal and professional responsibilities of radiographers in assessing and delivering appropriate care for a diverse patient population including but not limited to, differing protected characteristics, intersectional experiences and cultural factors as well as disease presentation and management.

Learning, Teaching and Assessment Strategy

Keynote lectures will introduce key module themes using case studies to develop student understanding and ability to evaluate patient and clinical information which will influence the patient assessment, examination, radiographic technique and communication. Face to face learning activities will include practical tutorials, virtual and practice simulations, and scenario activities using campus x-ray and mobile radiography equipment and supported by a simulation portfolio. This will facilitate students to apply their knowledge and gain practical skills.

Clinical placement will enable students to apply their skills to perform increasingly complex radiographic examinations, personalise care and adapt techniques both within the medical imaging environment and remotely thereby embedding their knowledge and skills in contemporary practice.

Asynchronous directed learning activities will support the development of independent learning skills through reflection and self-assessment of understanding of the learning materials. The reading list and VLE materials will support further exploration of the module syllabus to provide learning extension for students.

The assessment of learning outcomes 1,2,3 & 4 will be via a 3 station OSCE examining student understanding of clinical referral information and impact on examination planning; student practical image acquisition skills including patient communication and care; and student ability to review radiographic images and assess anatomical appearances and the diagnostic value of the image to answer a clinical question.

Mode of Assessment			
Type	Method	Description	Weighting
Summative	Objective Structured Clinical Examination	OSCE	100%
Formative	Coursework	Formative simulation portfolio activities	N/A

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.

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