Module Specification

Module Summary Information

1	**Module Title**	Diagnostic Radiography for Assistant Practice
2	**Module Credits**	40
3	**Module Level**	4
4	**Module Code**	HSC4085

5	**Module Overview**

Rationale

This module has clinical and academic components and makes use of the clinical skills facilities available within the faculty. It aims to provide a grounding in diagnostic imaging practice and techniques for Assistant Practitioners.
This module provides you with the fundamental knowledge and the core clinical skills that Assistant Practitioners require to enable you to competently perform radiographic imaging examinations. The syllabus includes anatomy, physiology and pathology, patient care and communication and standard radiographic examination procedures. As work-based learning remains the very essence of the programme, you will have the opportunity to combine your previous experience with your newly acquired knowledge and apply this immediately into your practice. Collaboration between the University and work-based partners is fundamental to the programme.

Alignment with Philosophy and Aims

The Foundation Degree Health and Social Care programme is committed to developing workers who will be compassionate, caring, knowledgeable and productive members of inter-professional teams, with the ability to be adaptable and flexible in order to respond to the ever changing needs and priorities of the services we support.
During this Module you will develop the role related knowledge and skills required to support your individual working roles and therefore benefit your service users. You will develop into an individual that can influence the quality of care delivered and disseminate good practice within your organisation.

Learning and Teaching Strategy

This module is a full time work based learning module. The module will be delivered using a blended learning approach as well as providing the opportunity for independent study. The underpinning theoretical principles of diagnostic radiography will be delivered in a series of university based tutorials/lectures, supported by Moodle activities and self-directed study. In addition work based learning within an x-ray imaging department is an essential component of this module to enable development of the skills required to undertake radiography.
Tutorials will be provided to discuss topics in more detail with small groups or individuals.

Assessment Strategy
This module comprises of two items of summative assessment and continuous formative assessment in the workplace.

1. A 'Practice Based Assessment' containing a clinical assessment handbook and a record of clinical experience. You will be judged as being competent or not competent at the completion of the assessment period. This is a pass/fail assessment. This assessment covers learning outcomes 1 and 2

2. A 3000 word written assignment. This assessment covers learning outcomes 3 and 4.

You are required to pass both elements of assessment in order to pass the module.

6	Indicative Content
Introduction to imaging equipment Control Panels –tools of our trade Imaging Geometry, Grids and use of AED DAP and DRL's	
Quality Assurance for imaging	
Chest anatomy and pathology	
Chest image review	
Osteology 1- anatomy, physiology and pathology	
Osteology and Joints. Chest and abdomen gross anatomy	
Joints anatomy and pathology	
Tutorial and assessment preparation week	
Positioning descriptions	
11 point checklists	
Foot & Ankle	
Abdomen anatomy and pathology	
Abdomen Image Review	
Elbow, Shoulder & Humerus	
Catch up and Review 1	
Chest review and adapted technique	
Appendicular review and adapted technique	
Imaging equipment review	
Catch up and Review 2	

7	Module Learning Outcomes On successful completion of the module, students will be able to:	
	1	Demonstrate an understanding of relevant anatomy, physiology and pathology in diagnostic imaging procedures of the appendicular skeleton, chest and abdomen within the scope of practice of an assistant practitioner.
	2	Understand and use the '11 point checklist' for diagnostic images for the appendicular skeleton, chest and abdomen and be able to correct imaging errors within the scope of practice of an assistant practitioner.
	3	Explain emotional, psychological, social and cultural influences relevant to the diagnostic imaging of patients referred for examinations of the appendicular skeleton, chest and abdomen in keeping with a holistic approach to patient-care.
	4	Describe how to apply safe radiation protection principles and correct equipment use when performing radiography within the imaging department.

8	Module Assessment			
Learning Outcome				
	Coursework	**Exam**	**In-Person**
1, 2			**x**
3, 4	**x**		

9	Breakdown Learning and Teaching Activities	
Learning Activities		**Hours**
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable		36
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE		319
Private Study (PS) includes preparation for exams		45
Total Study Hours:		400