

Module Specification

Module Summary Information

1	Module Title	Advanced Diagnostic Radiography for Assistant Practice
2	Module Credits	40
3	Module Level	5
4	Module Code	HSC5089

5	Module Overview
<p>Rationale</p> <p>On successful completion of this Level 5 module, you will have satisfied the module objectives, which will be the completion of study and assessment of Plain Image Radiography of the Skeleton, Thorax, Abdomen and Skull/Face. This will enable you to be able to undertake the majority of Plain Image Radiography that you will encounter in your clinical career. Also, you will be able to undertake a number of procedures using fluoroscopic and mobile imaging modalities. This will be limited by the Scope of Practise that your Employer utilises.</p> <p>This module is designed to be a continuation of the Level 4 *Diagnostic Radiography for Assistant Practice*. The teaching and learning methods will be in the same vein. The module is designed to assist to be able you to work as an Assistant Practitioner, based on your Employer's Scope of Practise. The skills that you will have gained will be:</p> <ul style="list-style-type: none"> • Undertaking examinations of the axial skeleton in a competent manner; • Assisting or undertaking certain mobile and/or fluoroscopic examinations, as prescribed by your Employer; • The knowledge to make an assessment of normal anatomy on your radiographic images and when to inform a Registered Practitioner if you believe there is an abnormality that needs further consideration; • Demonstrate, through a series of work-based assessments, the ability to carry out a variety of tasks that contribute to the smooth operation of a clinical imaging department section. <p>This module is about you, as an Assistant Practitioner, and how you will operate in a changing clinical environment, to the best of your abilities. It will, at times, be challenging but also allow for your creativity and clinical experience come together and not take clinical practise, for granted. Rather, you will contribute much to the module and it to you.</p> <p>Alignment with Programme Philosophy and Aims</p> <p>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.</p> <p>During this Module you will investigate role the 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.</p> <p>Learning and Teaching Strategy</p>	

This module will comprise of a number of approaches to learning. There is a strong emphasis on the clinical application of the skills in the module and, equally, you will be expected to contribute to the learning of yourself, and others, by discussion, tutorials and workshops based on your own, invaluable, clinical experiences.

Some materials will be available as online resources, so access to a good internet service will be important. A degree of “pre-reading” will be required for you to be able to participate, fully, in face to face sessions.

The use of quizzes on Moodle will be a feature, to allow you to “test” your learning in a discrete manner, be that at home or elsewhere. This will provide individualised ongoing (Formative) feedback for you. That same Moodle-quiz system will also be used as the Summative Assessment (examination).

Some lectures may be used but the overriding way to do things is via online resources provided via Moodle to prepare for workshops, seminar groups and small group tutorials.

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Assessment Strategy

Assessment will be via 2 elements:

- Work-based assessments to underpin and assess your maturing capabilities as a clinical Assistant Practitioner.
- A Summative Written examination, which will allow you to demonstrate your learning and development in terms of anatomy, pathology and knowledge of typical procedures, during the final year of the module and readiness for Assistant Practice.

6	Indicative Content
	Module launch: Assessment Run-through Cervical Spine Practical Session + Imaging Review + Guided Study (3 hours)
	Thoracic/Lumbar Spine Practical Session + Imaging Review+ Guided Study (3 hours)
	Review/Recap
	Skull Practical Session + Imaging Review + Guided Study (3 hours)

Facial Bones Practical Session + Imaging Review+ Guided Study (3 hours)
Review/Recap
Pelvis Practical Session + Imaging Review + Guided Study (3 hours)
Axial Skeleton Imaging Recap and Review Practical Session + Imaging Review + Guided Study (3 hours)
Fluoroscopy of the Abdomen Lecture + Imaging Review + Guided Study (3 hours)
Tutorial: Student-led
Mobile Imaging Lecture + Imaging Review + Guided Study (3 hours)
Theatre Imaging Lecture + Imaging Review + Guided Study (3 hours)
Formative Assessment Moodle Quiz
Review/Recap Student-led Review
Practice-based Consolidation: Christmas/New Year Break
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Axial Trauma: Head and Face Lecture+ Imaging Review
Axial Trauma: Vertebral Column Lecture + Imaging Review
Axial Trauma: Pelvis Lecture + Imaging Review

Formative Assessment
Abdominal Pathology Lecture+ Imaging Review
Theatre and Mobile Pathology Lecture+ Imaging Review
Tutorial/Assessment Preparation Week
Tutorial/Assessment Preparation Week
Tutorial/Assessment Preparation Week
Module Summative Assessment

7	Module Learning Outcomes	
	On successful completion of the module, students will be able to:	
	1	Undertake in a competent manner, examinations of the axial skeleton.
	2	Undertake in a competent manner, within your Scope of Practice, imaging procedures utilising fluoroscopic and mobile modalities.
	3	Recognise normal anatomy of the in addition to pathology on your images in order to alert a Registered Practitioner and assist in the good quality of care to patients.
	4	Recognise the role of the Assistant Practitioner, within your Scope of Practice, in supporting the imaging processes and staff and service-users.

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	60
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	328
Private Study (PS) includes preparation for exams	12
Total Study Hours:	400