

Module Specification

Module Summary Information

1	Module Title	Advancing Diagnostic Imaging Practitioner
2	Module Credits	40
3	Module Level	6
4	Module Code	RAD6062

5	Module Overview
<p>This core module has clinical and academic components and builds upon the knowledge acquired in Level 4 and 5. It also makes use of clinical skills facilities available within the faculty and in addition clinical placement. This Module aims to provide a thorough knowledge of the advancing role of a diagnostic imaging practitioner.</p> <p>It enables you the student to progress to the more advanced radiographic techniques.</p> <p>The syllabus will include normal and abnormal anatomy; patient care and communication; radiographic examination procedures to include radiographic technology.</p> <p>This module supports you the student in achieving the commensurate skills and knowledge necessary to competently complete a radiographic examination to the ability expected of level 6 students.</p> <p>You will be supported in developing practical radiographic techniques and adapting these in complex referrals, including clinically unwell and challenging patients. You will be encouraged to develop the necessary communication skills required to comment on complex pathology within the trauma setting.</p> <p>This Module will provide you with the opportunity to:</p> <ul style="list-style-type: none"> • Apply a sound understanding of the anatomy, physiology and common pathology in a clinical setting. • Apply the skills required to evaluate the medico-legality of a radiographic examination request for imaging. • Consolidate the communication skills required to obtain informed consent from the patient and construct appropriate justification depending on imaging modality. • Continue to gain competence within their developing role as a student radiographer. • Where appropriate, recommend further imaging and or clinical referral to assist in Patient management. • Demonstrate knowledge and understanding of a range of diagnostic imaging processes • Demonstrate knowledge of data manipulation in relation to the pathology or trauma demonstrated. • Critically evaluate the role of the radiographer in the diagnosis and management of pathologies and conditions, and relate theory to practice in the clinical setting. <p>Alignment with Programme Philosophy and Aims</p> <p>The programme aims to develop your collaborative skills. Therefore, whilst studying this module, you can expect to work with and learn from students from other healthcare disciplines.</p> <p>Enabling you to become a self-directed learner who is capable of competent and autonomous practice is part of the programme philosophy. The advancing imaging practice module will provide you with</p>	

some of the skills necessary to achieve this as you will be required to manage your own online learning tasks and apply what you learn to your own professional development. Skills acquired while studying this module can be applied to other areas of the programme but they will be particularly useful in other level 6 modules.

Learning and Teaching Strategy

In this module you will be attending lectures, participating in classroom discussions and with supporting workshops. Moodle will be used to support the module to include online discussions and interactive Ebooks. This module prepares you for safe effective and efficient clinical practice through the use of simulation, workshops and tutorials. You are expected to apply the material learnt to the placement setting.

Assessment Strategy

Assessment will be via an OSCE examination and clinical competencies. You will be required to attend clinical placement in order to successfully complete your clinical competencies.

6	Indicative Content
	<ul style="list-style-type: none"> • Current and advancing developments in diagnostic radiography • Evidence based radiographic practice • Adaptive radiographic techniques • Image interpretation • Ethics relating to safe and effective care • Clinical management of unwell and challenging service users

7	Module Learning Outcomes	
	On successful completion of the module, students will be able to:	
	1	Evaluate current and advancing developments in Diagnostic Imaging.
	2	Critically appraise current professional and evidence based practice in relation to clinically unwell and challenging patient groups.
	3	Demonstrate competence in practical image interpretation in the clinical setting.
	4	Apply appropriate safe efficient and effective clinical care allowing for any necessary adjustments required related to the patient's condition.

8	Module Assessment		
Learning Outcome			
	Coursework	Exam	In-Person
1-4			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	40
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	30 hours on-line 290 placement*
Private Study (PS) includes preparation for exams	Minimum 40 hours
Total Study Hours:	400

*Plus an additional 330 hours for placement